

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012127.D
 Acq On : 13 Oct 2017 08:16
 Operator : SJ/JU
 Sample : I5568-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-75(0-1)-092917

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	114	119	127	rVB	125821	164912	1.29%	0.185%
2	4.181	177	186	190	rBV2	81867	151464	1.19%	0.170%
3	4.751	275	283	290	rVB	75767	132002	1.03%	0.148%
4	4.963	315	319	324	rVB	124458	170278	1.33%	0.191%
5	5.016	324	328	335	rBV3	185013	307117	2.41%	0.344%
6	5.257	365	369	379	rVB2	161440	287964	2.26%	0.322%
7	5.628	421	432	438	rBV3	74116	136072	1.07%	0.152%
8	5.698	438	444	452	rVV4	88655	209338	1.64%	0.234%
9	5.781	452	458	463	rVV2	177728	333475	2.61%	0.373%
10	5.845	463	469	475	rVV2	153951	298108	2.34%	0.334%
11	5.916	475	481	489	rVV2	83255	150126	1.18%	0.168%
12	6.098	502	512	525	rBV6	191209	648586	5.08%	0.726%
13	6.210	525	531	538	rVB3	99607	202477	1.59%	0.227%
14	6.334	542	552	556	rBV3	159916	465748	3.65%	0.522%
15	6.375	556	559	564	rVB2	202317	266657	2.09%	0.299%
16	6.463	569	574	590	rVB4	278242	933037	7.31%	1.045%
17	6.645	599	605	610	rBV4	114476	199261	1.56%	0.223%
18	6.716	610	617	625	rBV6	99657	291195	2.28%	0.326%
19	6.816	630	634	640	rVB4	199398	306434	2.40%	0.343%
20	6.922	647	652	656	rBV2	143146	218275	1.71%	0.244%
21	6.975	656	661	666	rVV3	376931	765996	6.00%	0.858%
22	7.028	666	670	680	rVB	905356	1667237	13.06%	1.867%
23	7.181	687	696	700	rBV	655534	1180442	9.25%	1.322%
24	7.216	700	702	707	rVB3	115908	159657	1.25%	0.179%
25	7.316	715	719	724	rBV3	106373	173598	1.36%	0.194%
26	7.386	725	731	737	rVV	1072773	1702116	13.34%	1.906%
27	7.445	737	741	745	rVV	189233	261432	2.05%	0.293%
28	7.492	745	749	753	rVV	125230	182401	1.43%	0.204%
29	7.551	753	759	765	rVB	498992	772826	6.06%	0.865%
30	7.751	783	793	797	rBV5	85453	231472	1.81%	0.259%
31	7.804	797	802	805	rVV	208790	288863	2.26%	0.323%
32	7.851	805	810	817	rVV	1056797	1658232	12.99%	1.857%
33	7.969	825	830	834	rBV3	113003	195837	1.53%	0.219%
34	8.110	847	854	863	rVB	7968999	12763367	100.00%	14.293%

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35	8.357	887	896	899	rBV3	146289	302705	2.37%	0.339%
36	8.404	899	904	913	rVB4	245684	612479	4.80%	0.686%
37	8.486	913	918	923	rBV3	97776	179741	1.41%	0.201%
38	8.569	926	932	945	rBV	1037861	1834607	14.37%	2.054%
39	8.675	945	950	955	rBV2	105396	186536	1.46%	0.209%
40	8.945	985	996	1002	rBV3	152828	384973	3.02%	0.431%
41	9.022	1003	1009	1026	rVB3	902460	2422025	18.98%	2.712%
42	9.169	1026	1034	1046	rVB	323895	719855	5.64%	0.806%
43	9.322	1046	1060	1068	rBV2	148075	434141	3.40%	0.486%
44	9.686	1116	1122	1127	rBV	285938	503241	3.94%	0.564%
45	9.745	1127	1132	1141	rVB2	624922	1132565	8.87%	1.268%
46	10.057	1180	1185	1191	rVB4	108394	192959	1.51%	0.216%
47	10.292	1218	1225	1232	rBV	1166658	2087165	16.35%	2.337%
48	10.604	1273	1278	1281	rBV	120969	192627	1.51%	0.216%
49	10.657	1281	1287	1294	rVV	1411096	2382202	18.66%	2.668%
50	10.804	1301	1312	1328	rBV	565453	1314324	10.30%	1.472%
51	11.933	1497	1504	1509	rBV	215360	380998	2.99%	0.427%
52	12.057	1520	1525	1536	rVB4	74523	187397	1.47%	0.210%
53	13.074	1693	1698	1706	rVB2	128831	226713	1.78%	0.254%
54	13.210	1715	1721	1726	rBV2	157312	253478	1.99%	0.284%
55	13.910	1831	1840	1844	rBV	2188948	3019270	23.66%	3.381%
56	13.957	1844	1848	1853	rVB	762395	1016300	7.96%	1.138%
57	14.204	1883	1890	1906	rBV	2367590	3645075	28.56%	4.082%
58	14.380	1915	1920	1926	rVB	98999	149248	1.17%	0.167%
59	14.510	1936	1942	1950	rVB2	1966320	2995250	23.47%	3.354%
60	14.739	1972	1981	1990	rBV	335981	755948	5.92%	0.847%
61	15.327	2077	2081	2087	rVB3	238012	325433	2.55%	0.364%
62	15.504	2105	2111	2118	rBV	2680431	3980760	31.19%	4.458%
63	15.733	2147	2150	2155	rVB2	99691	144946	1.14%	0.162%
64	16.192	2224	2228	2229	rBV	181102	217832	1.71%	0.244%
65	17.033	2368	2371	2375	rBV	101778	147553	1.16%	0.165%
66	17.256	2404	2409	2414	rBV2	2156928	3148985	24.67%	3.526%
67	17.298	2414	2416	2420	rVV	283231	377628	2.96%	0.423%
68	17.356	2421	2426	2436	rVV2	2584178	3822340	29.95%	4.280%
69	18.127	2554	2557	2562	rBV2	575589	794052	6.22%	0.889%
70	18.862	2677	2682	2686	rVB	6387243	8245881	64.61%	9.234%
71	19.356	2762	2766	2771	rVB	4917753	5969702	46.77%	6.685%

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72	19.650	2812	2816	2820	rBV	3062458	4363835	34.19%	4.887%
73	21.439	3118	3120	3123	rVB	2518142	2374335	18.60%	2.659%

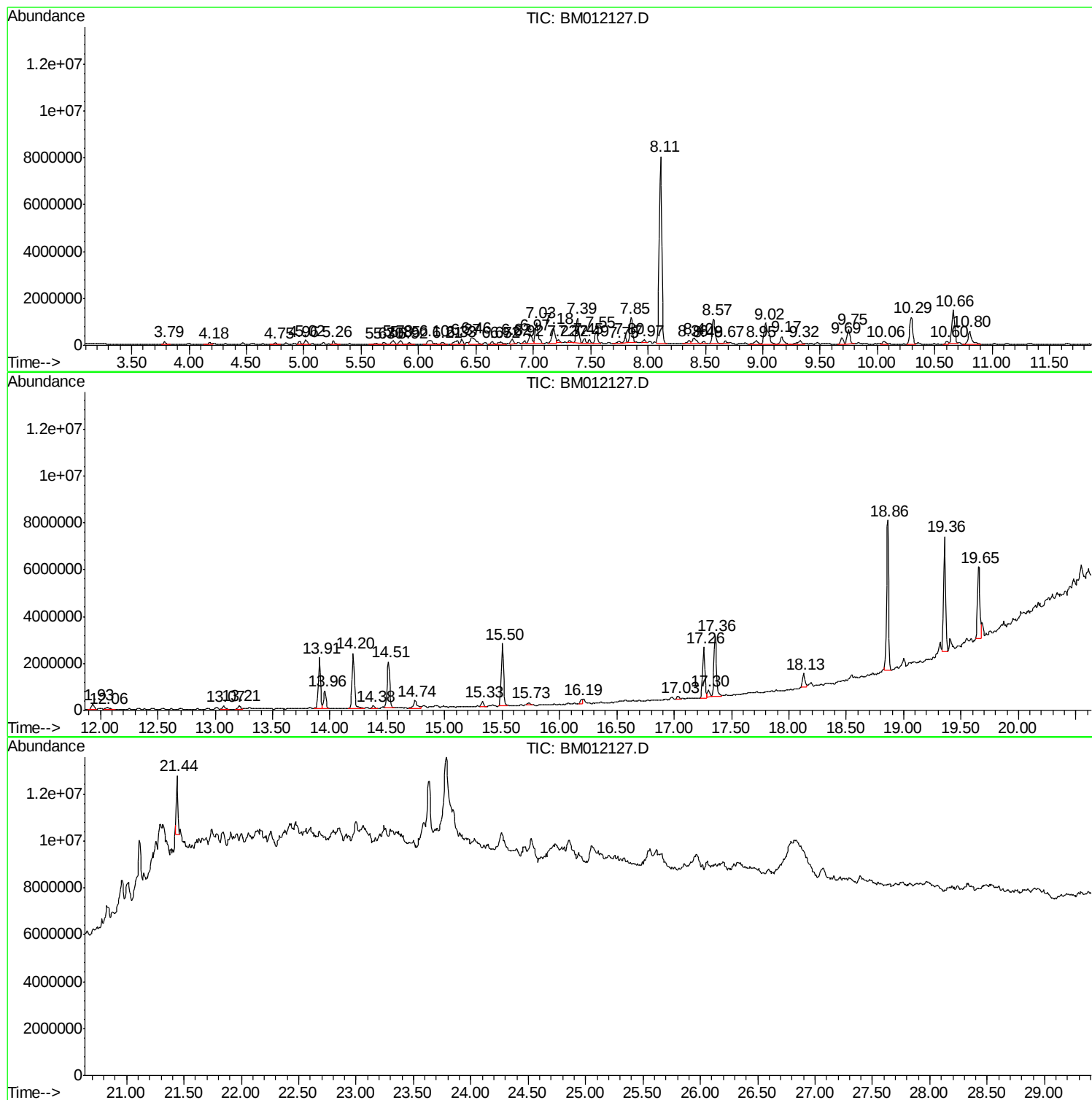
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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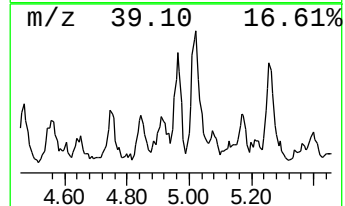
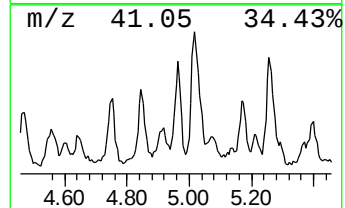
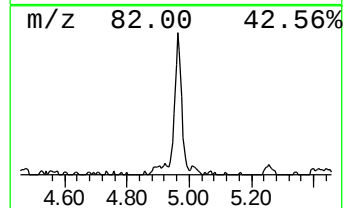
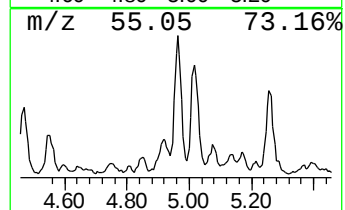
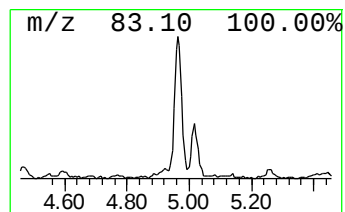
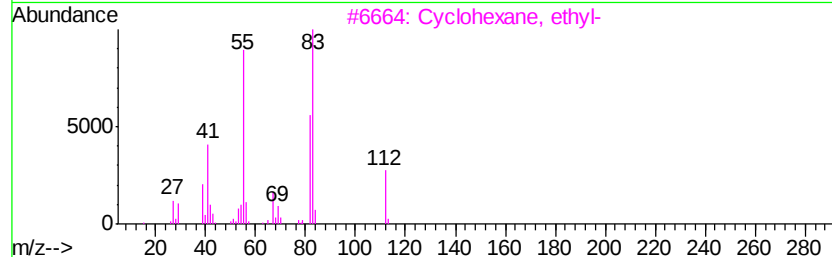
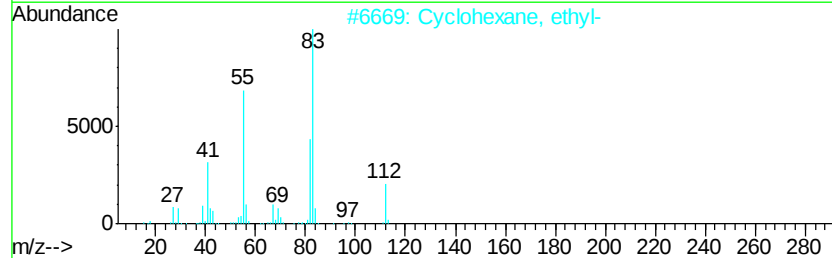
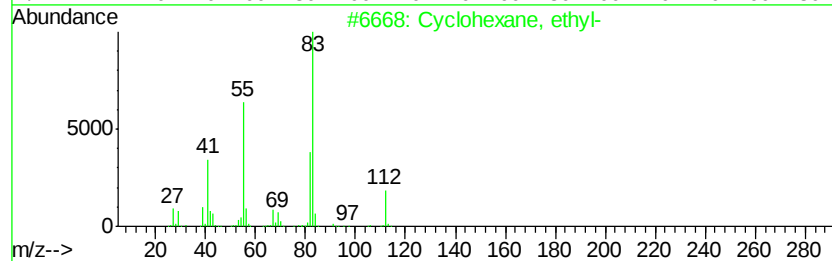
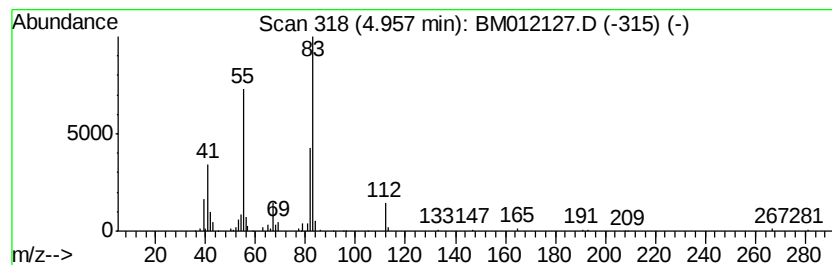
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic4.96 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.05 ng/ul	170278	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86



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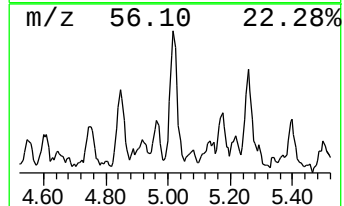
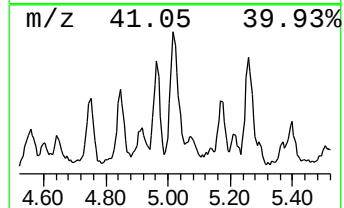
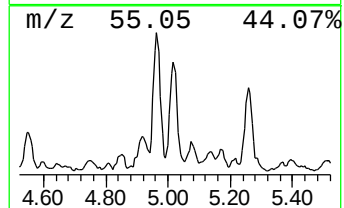
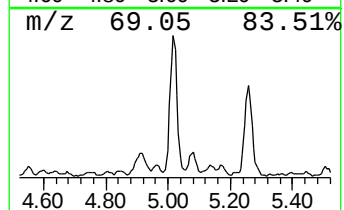
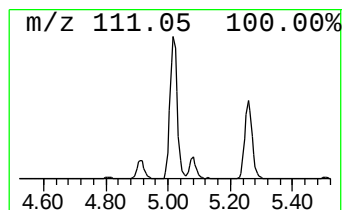
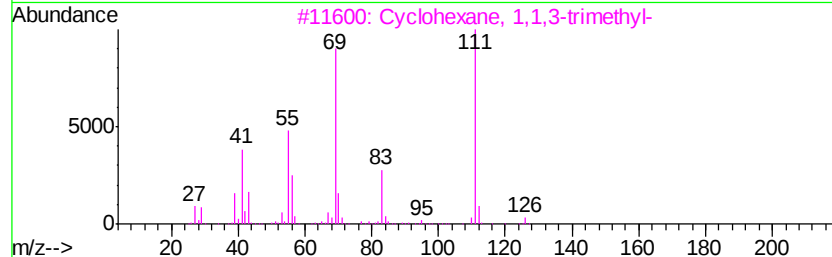
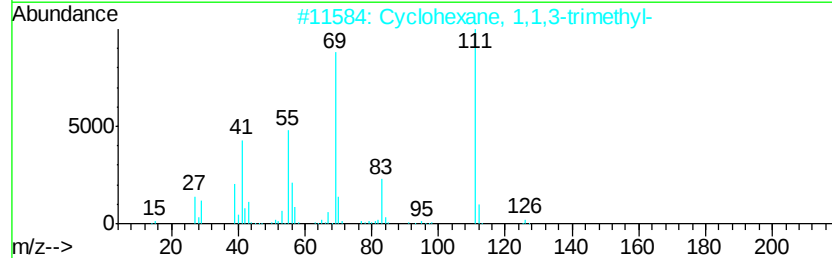
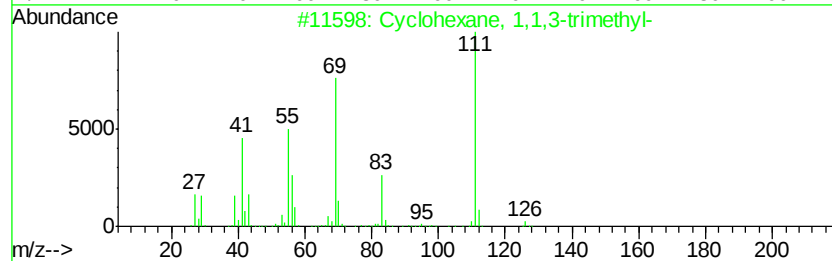
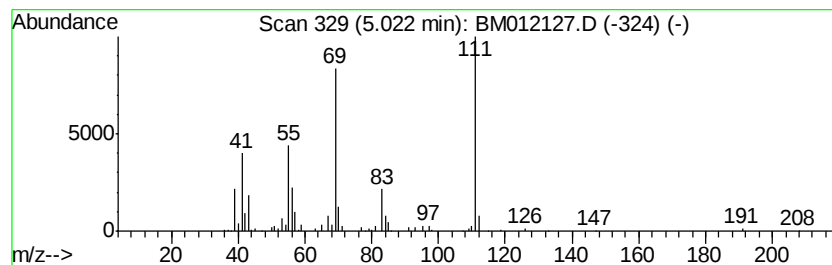
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic5.02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.70 ng/ul	307117	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72



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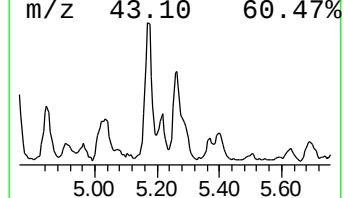
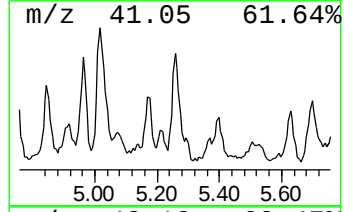
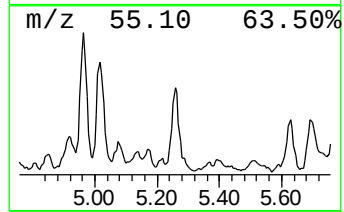
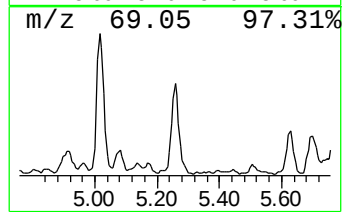
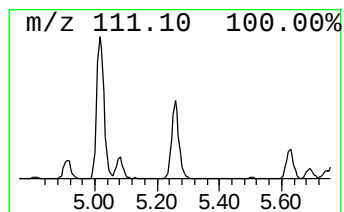
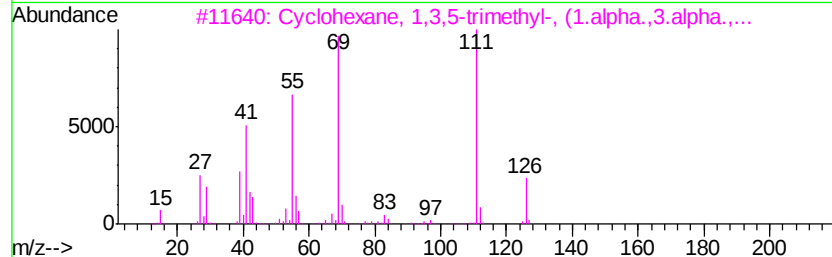
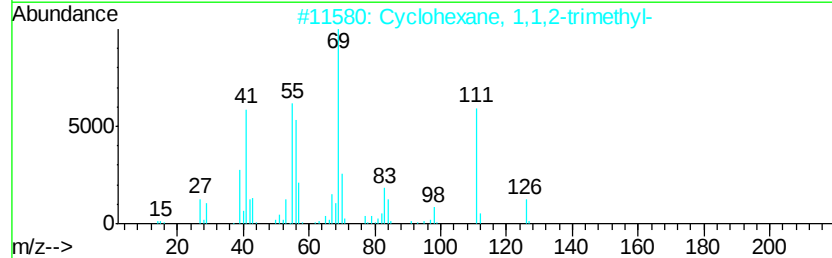
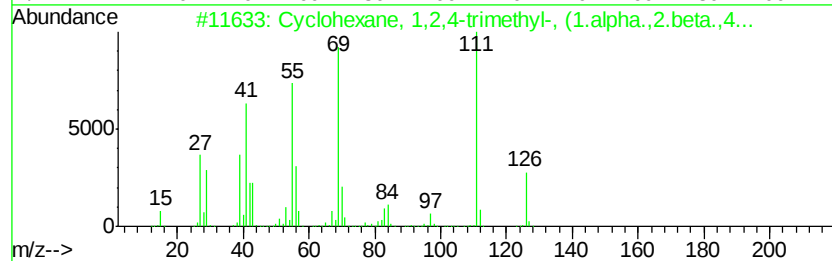
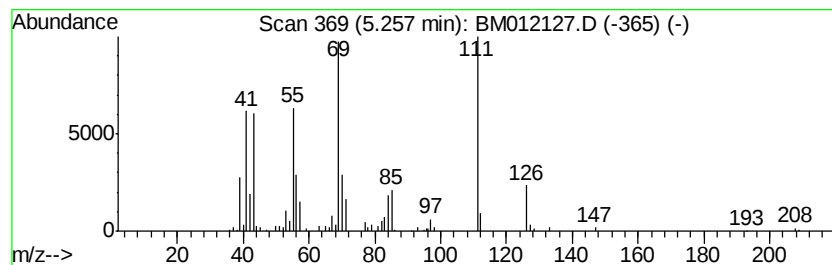
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic5.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	3.47 ng/ul	287964	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	93
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	74
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	72
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72



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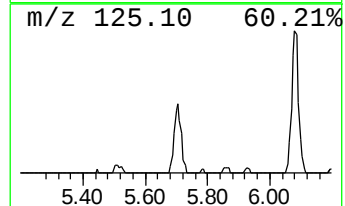
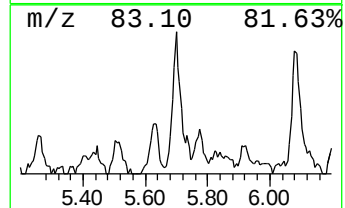
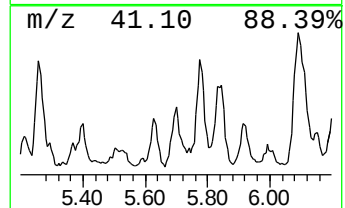
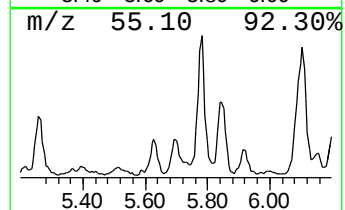
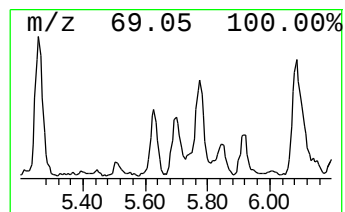
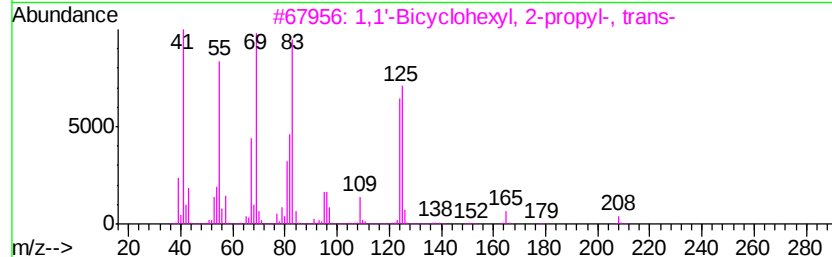
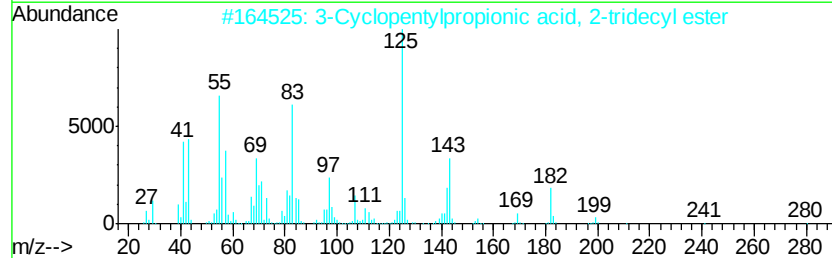
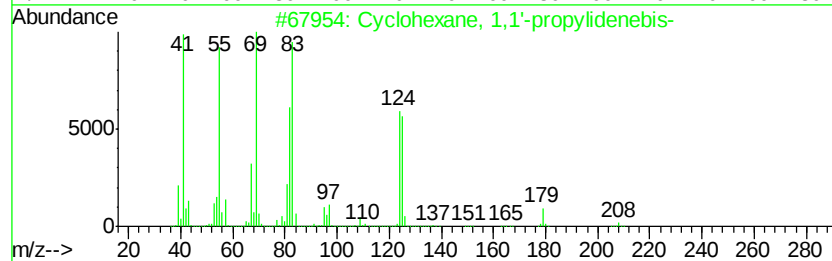
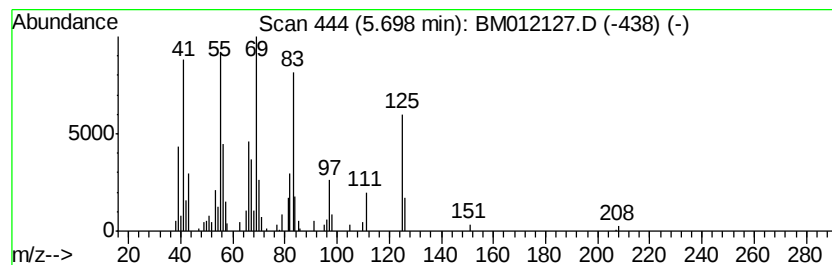
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	2.52 ng/ul	209338	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1'-propylidenebis-	208	C15H28	054934-91-7	46
2		3-Cyclopentylpropionic acid, 2-t...	324	C21H40O2	1000293-56-9	27
3		1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	25
4		3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	22
5		Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

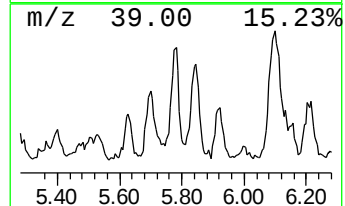
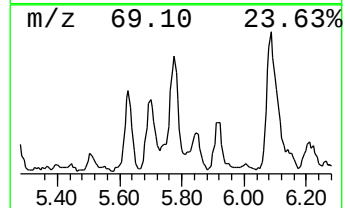
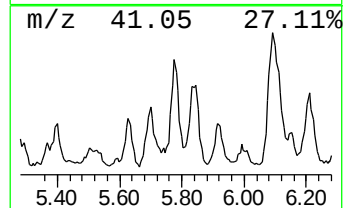
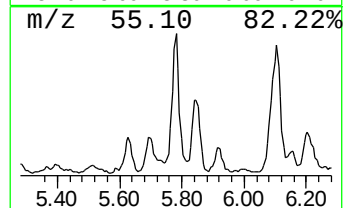
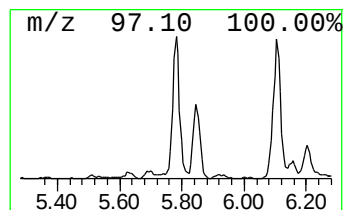
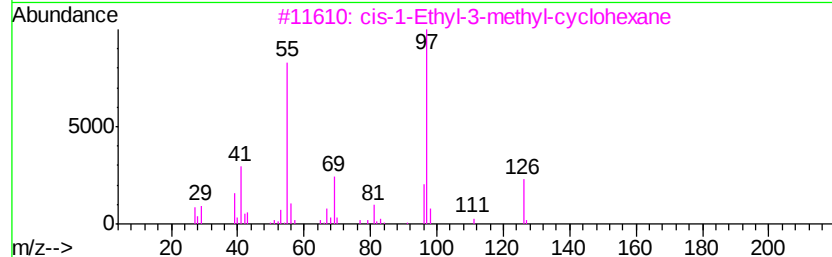
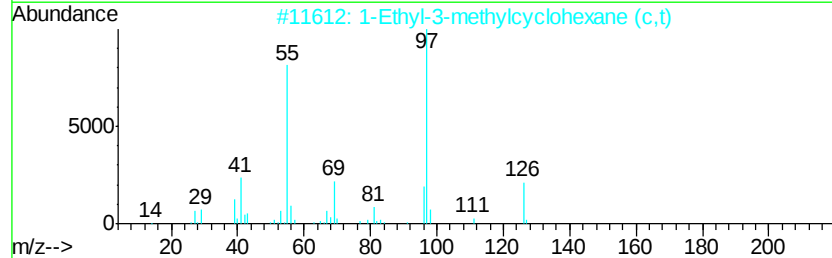
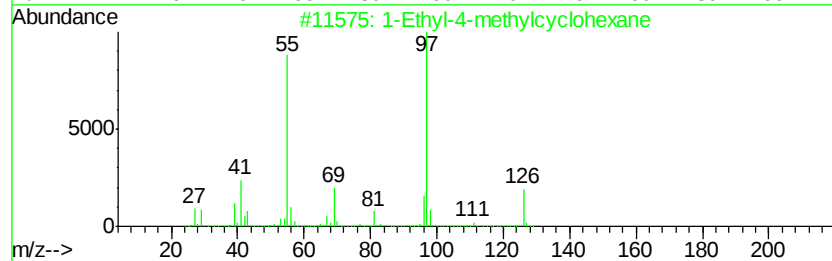
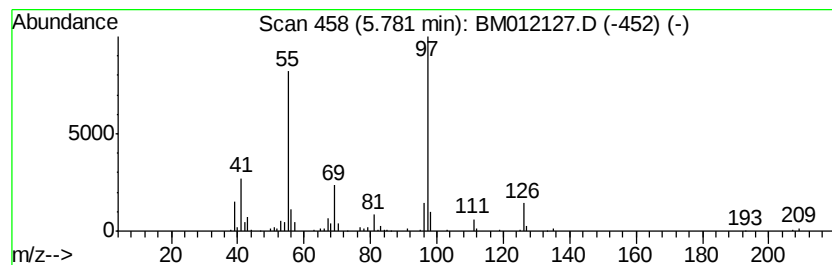
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic5.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	4.02 ng/ul	333475	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	90
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

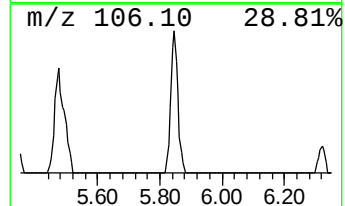
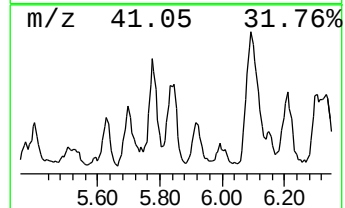
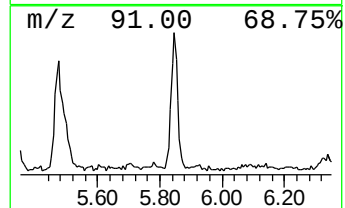
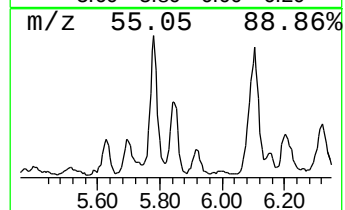
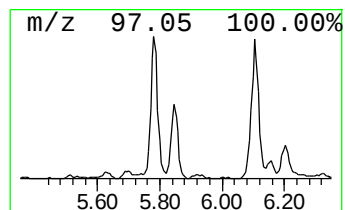
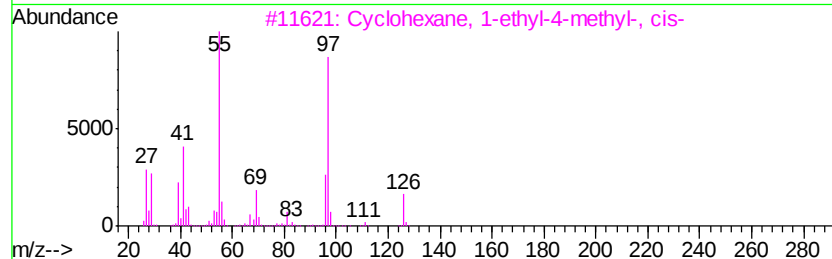
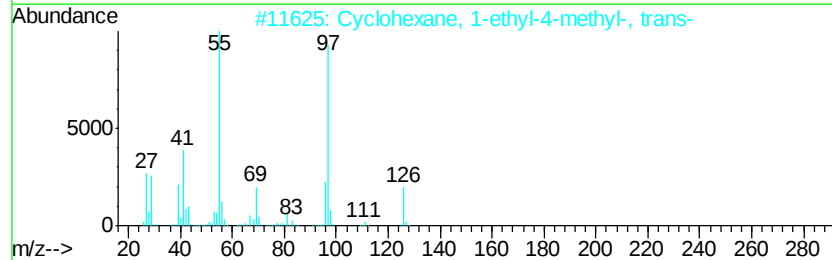
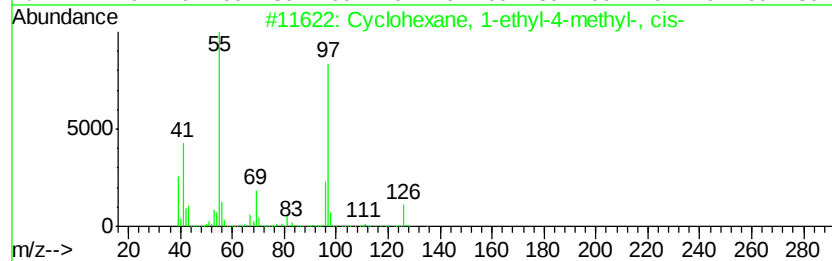
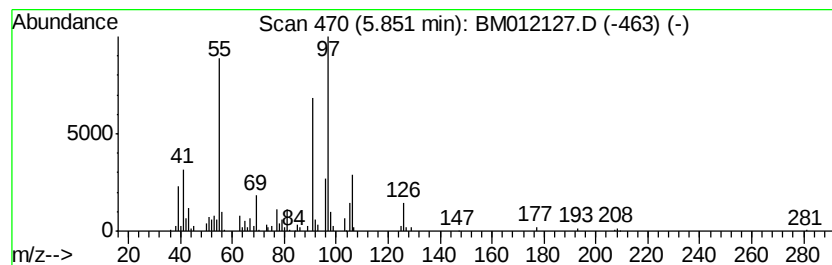
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic5.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	3.60 ng/ul	298108	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	70
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	70
4			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

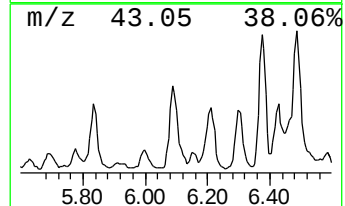
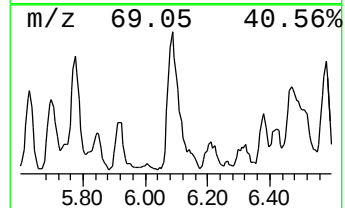
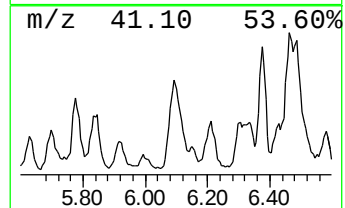
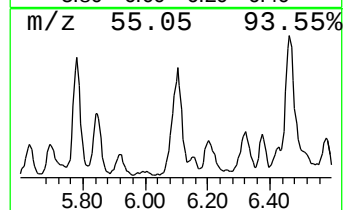
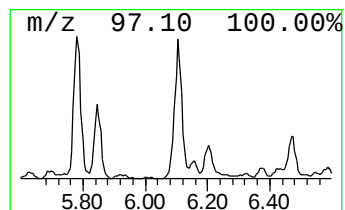
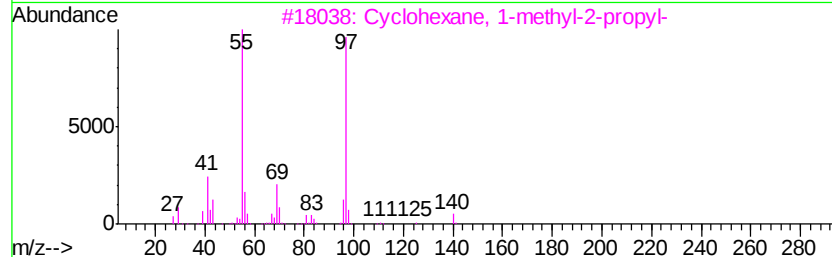
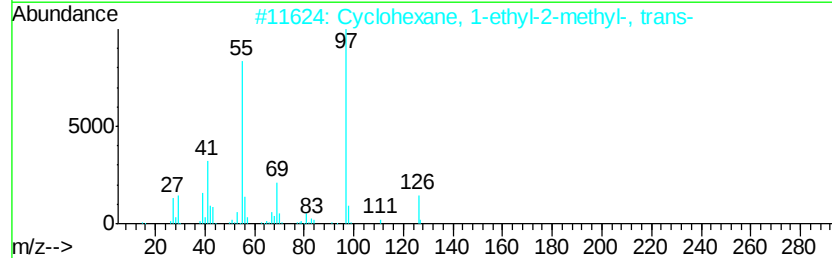
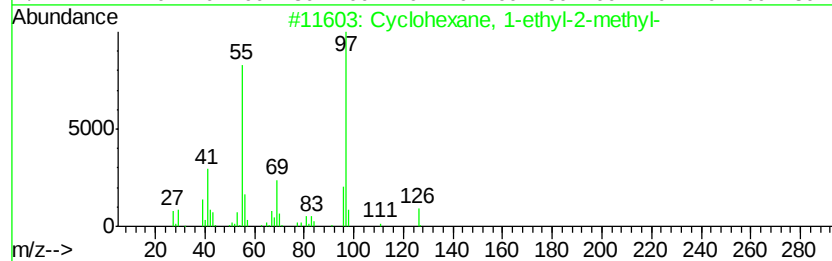
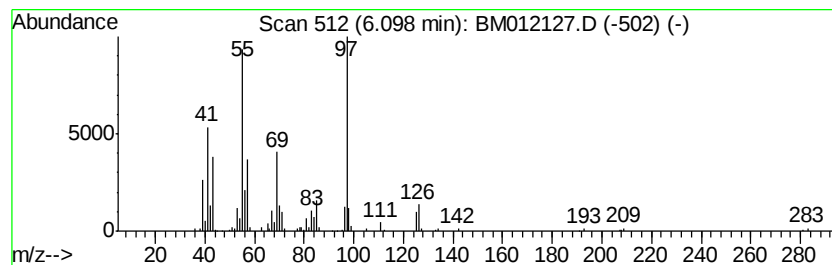
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic6.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	7.82 ng/ul	648586	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

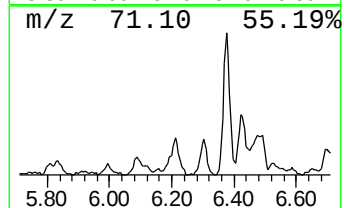
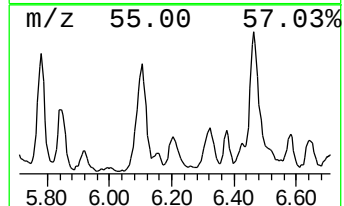
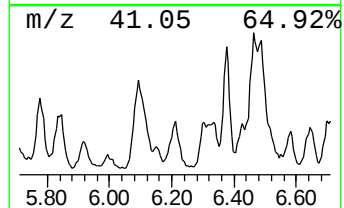
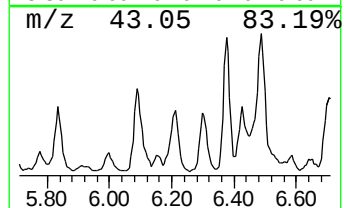
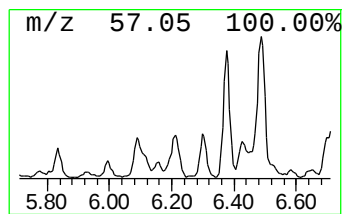
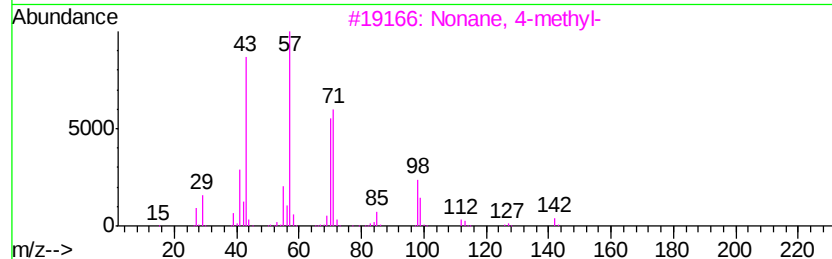
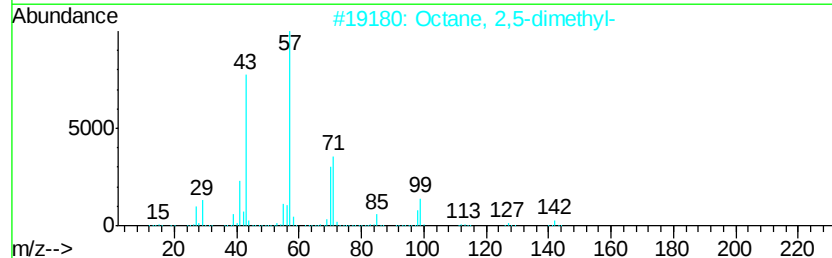
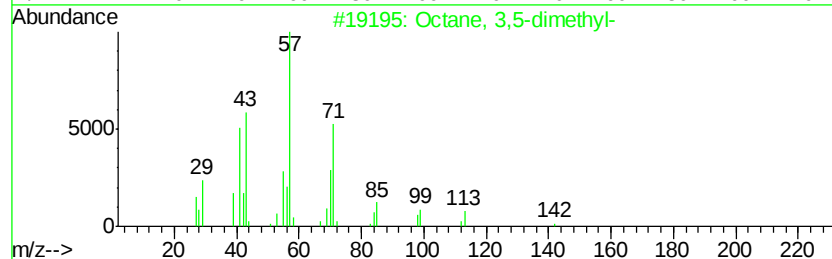
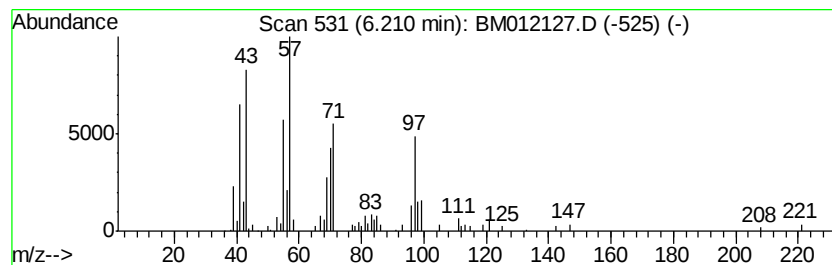
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	2.44 ng/ul	202477	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
2		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	46
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	46
4		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	43
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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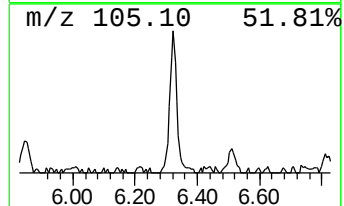
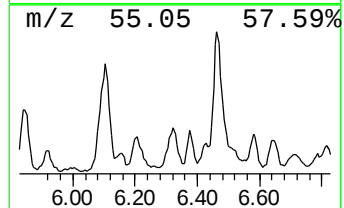
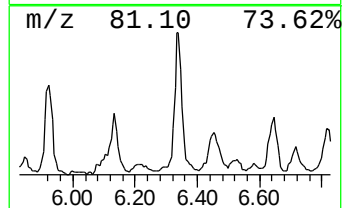
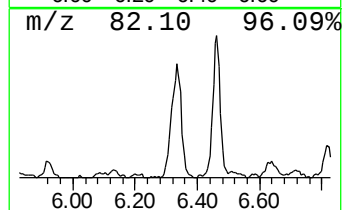
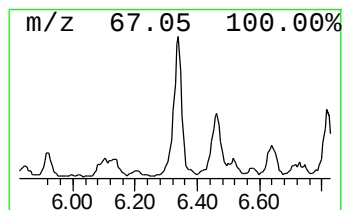
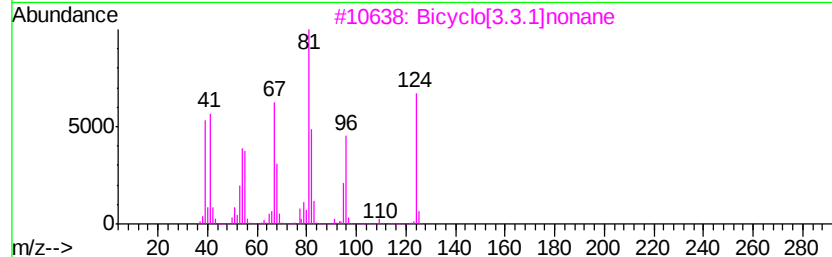
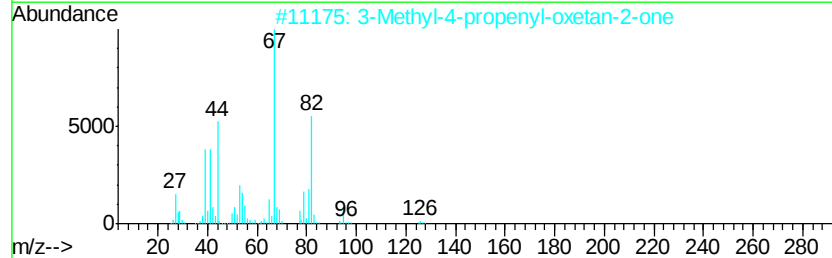
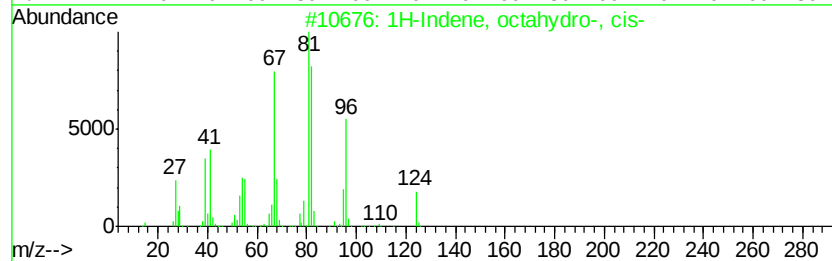
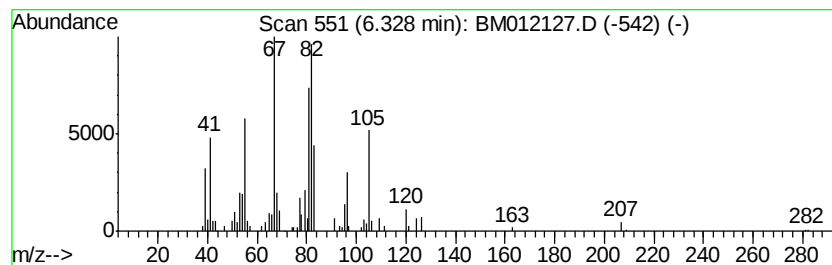
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	5.62 ng/ul	465748	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	47
2		3-Methyl-4-propenyl-oxetan-2-one	126	C7H10O2	1000194-65-2	46
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	46
4		1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	43
5		C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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ClientSampleId :
B-75(0-1)-092917

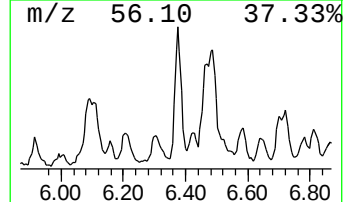
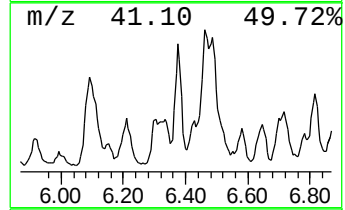
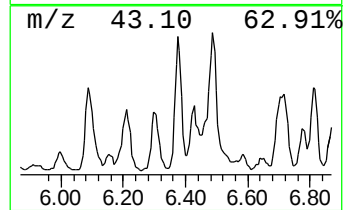
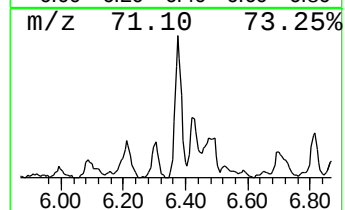
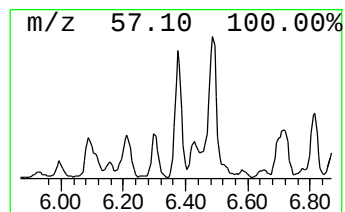
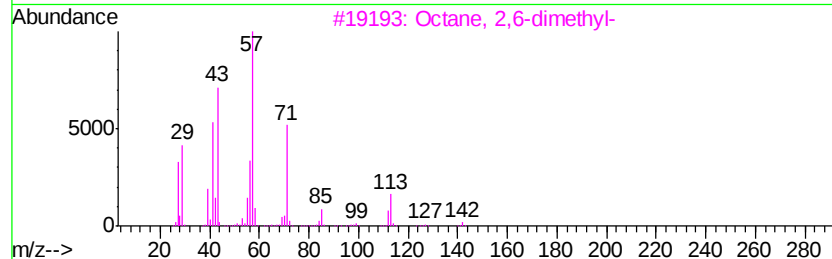
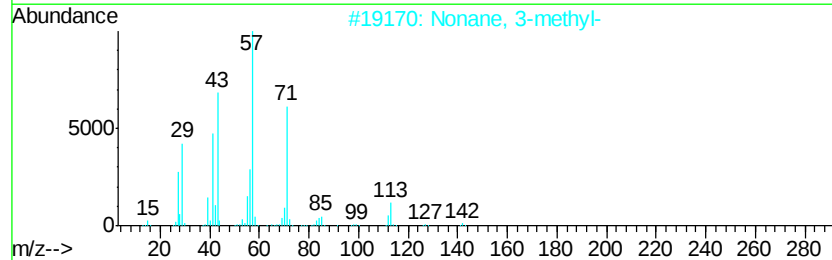
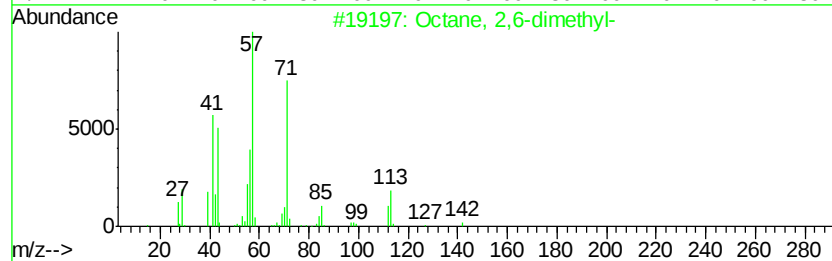
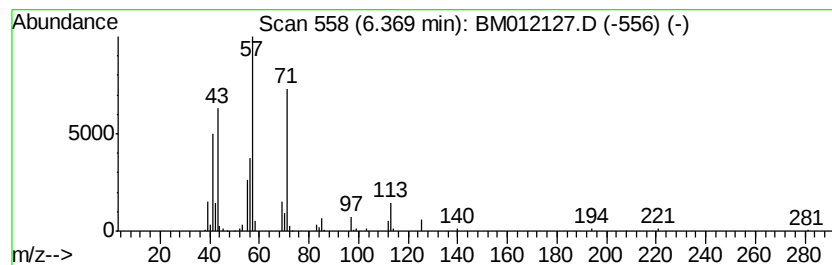
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	3.22 ng/ul	266657	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	94
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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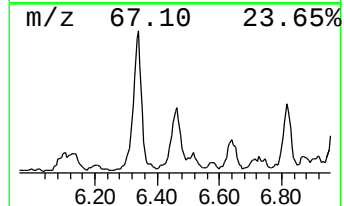
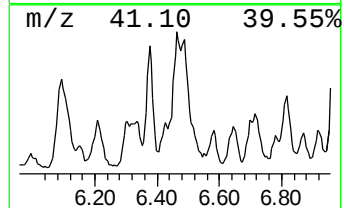
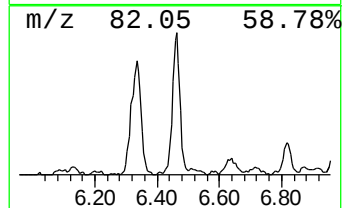
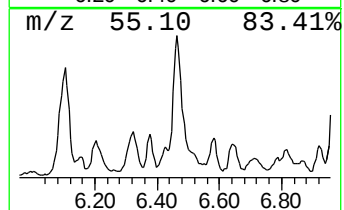
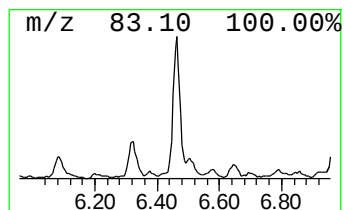
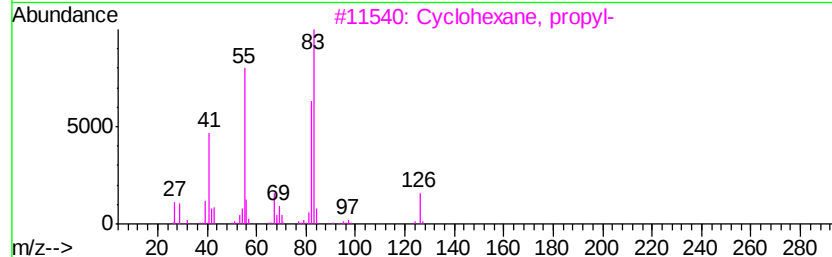
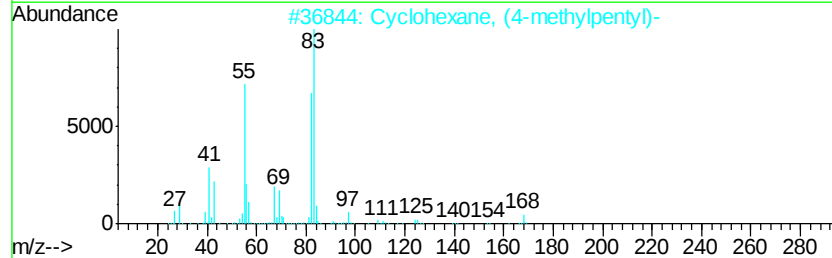
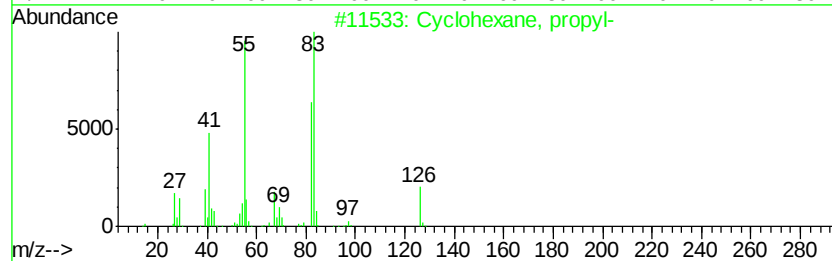
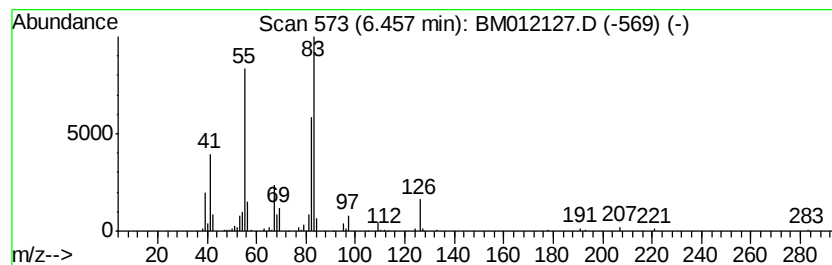
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	11.25 ng/ul	933037	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	78
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

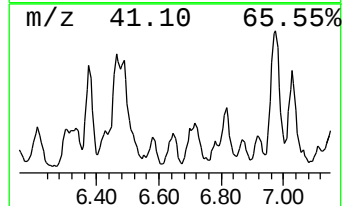
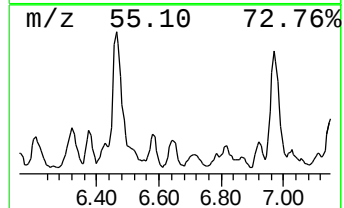
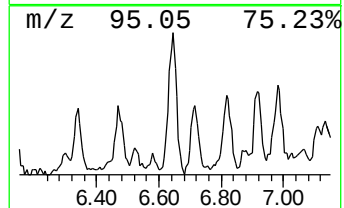
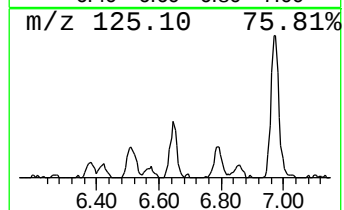
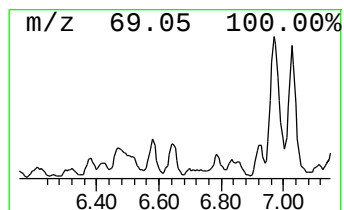
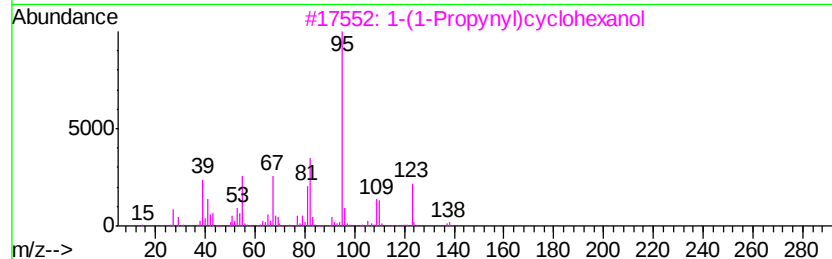
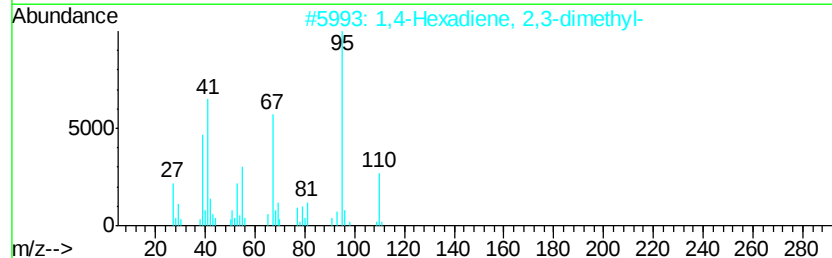
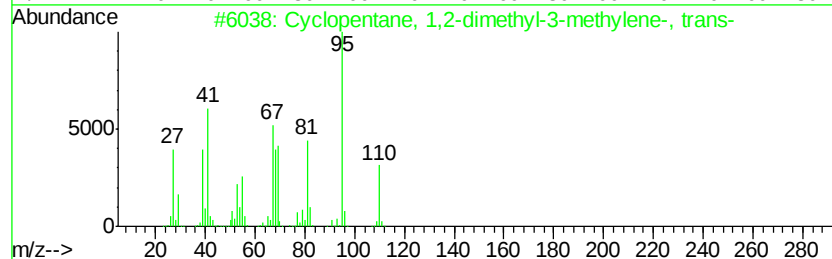
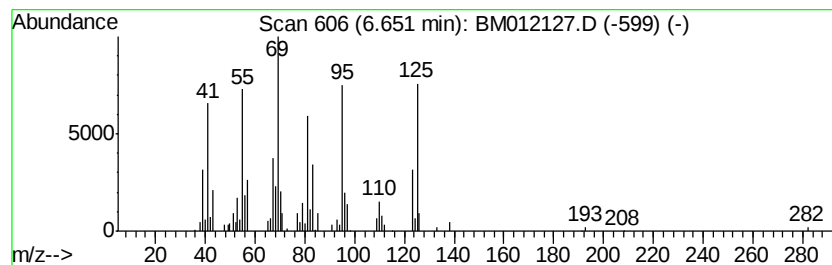
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	2.40 ng/ul	199261	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	42
2			1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	42
3			1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	38
4			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	38
5			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

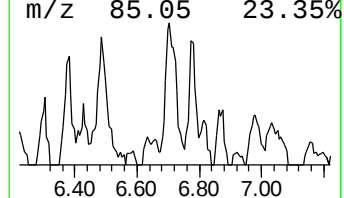
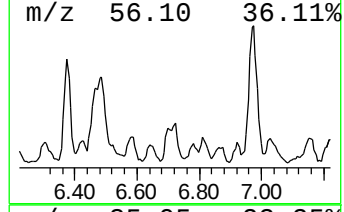
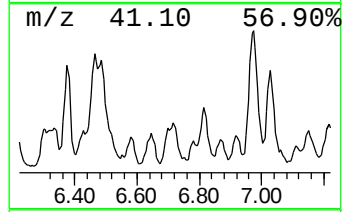
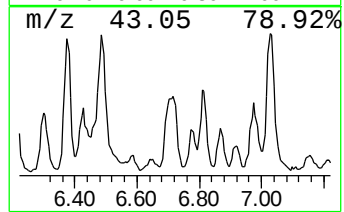
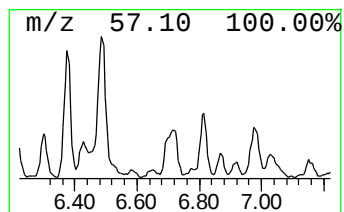
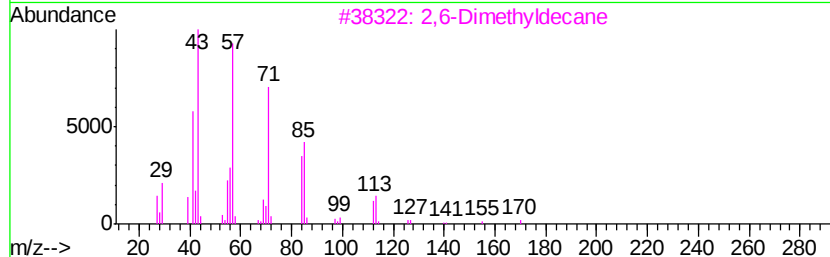
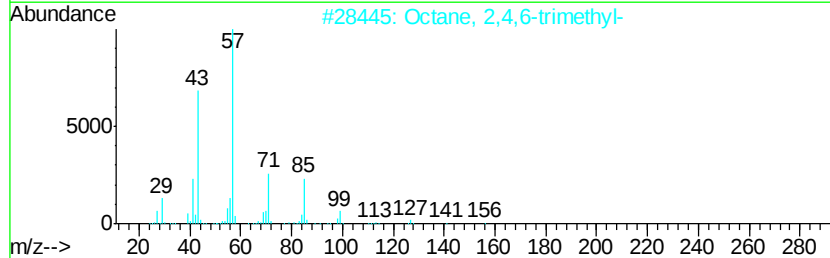
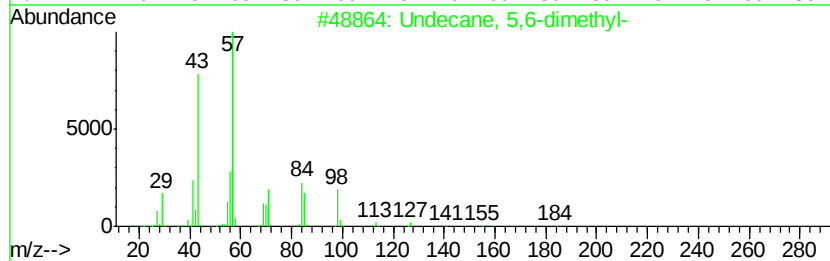
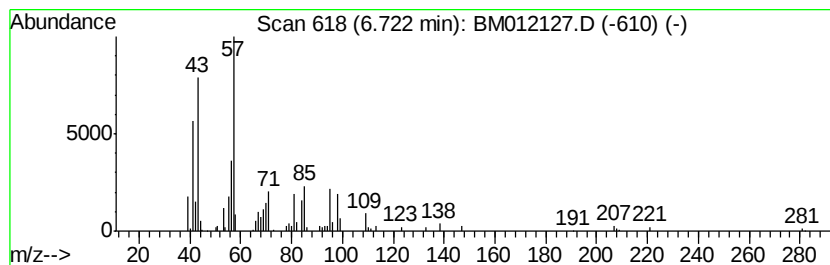
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	3.51 ng/ul	291195	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	38
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
5			Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

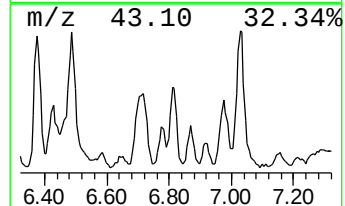
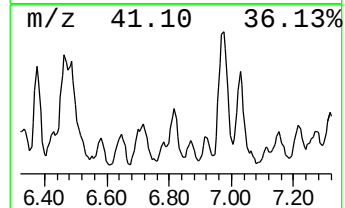
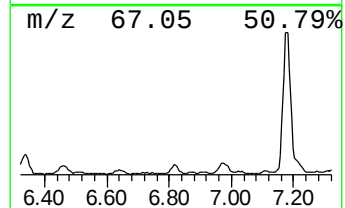
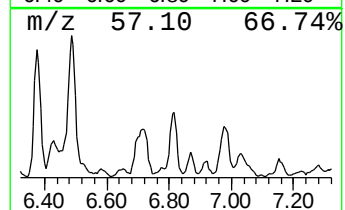
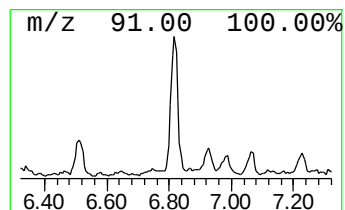
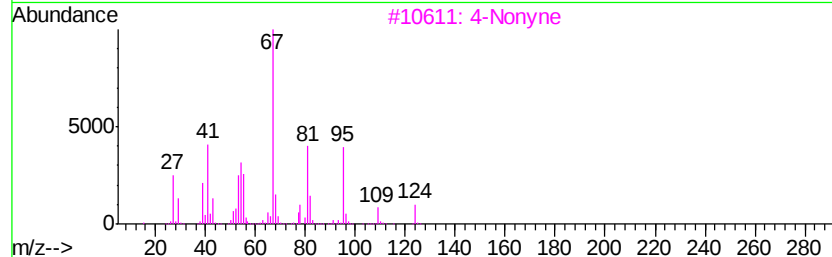
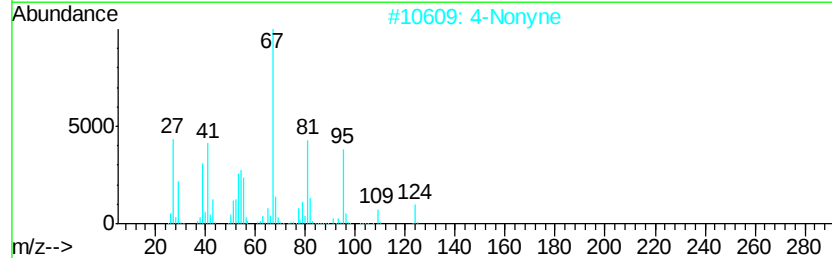
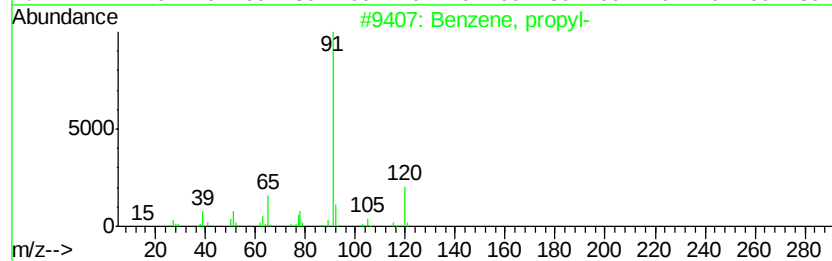
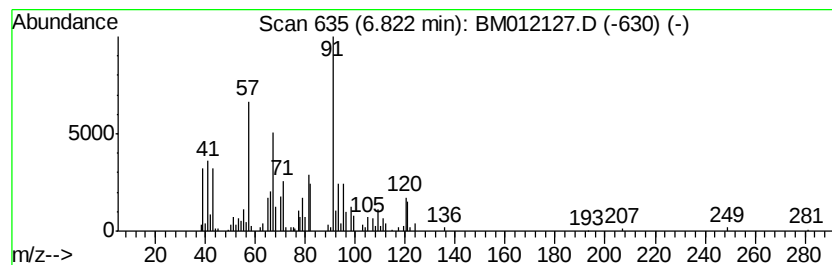
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	3.70 ng/ul	306434	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	25
2		4-Nonyne	124	C9H16	020184-91-2	22
3		4-Nonyne	124	C9H16	020184-91-2	22
4		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	14
5		5-Undecyne	152	C11H20	002294-72-6	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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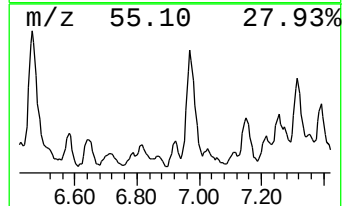
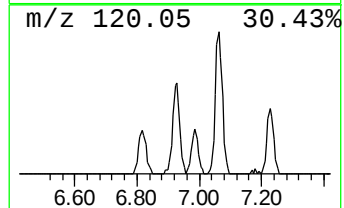
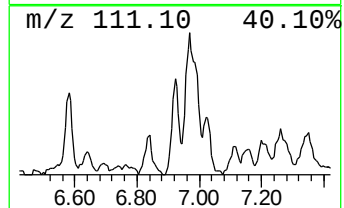
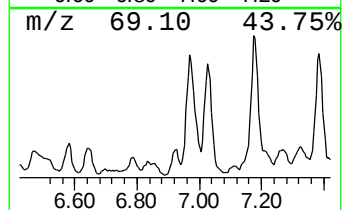
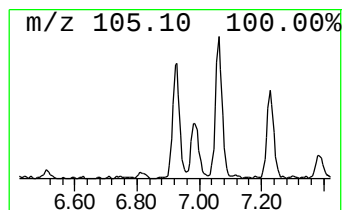
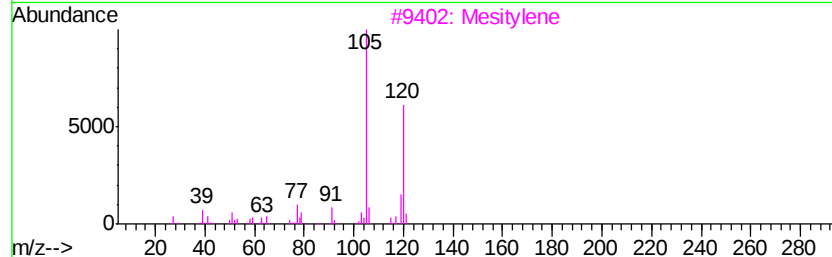
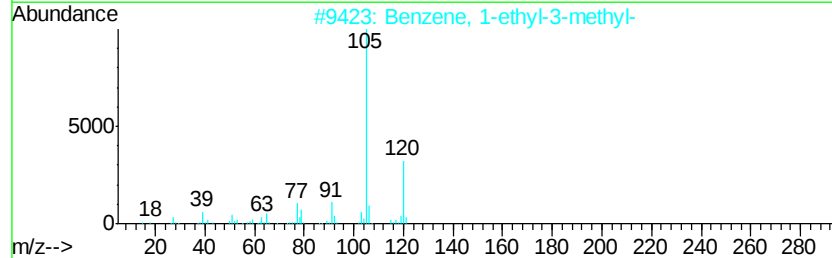
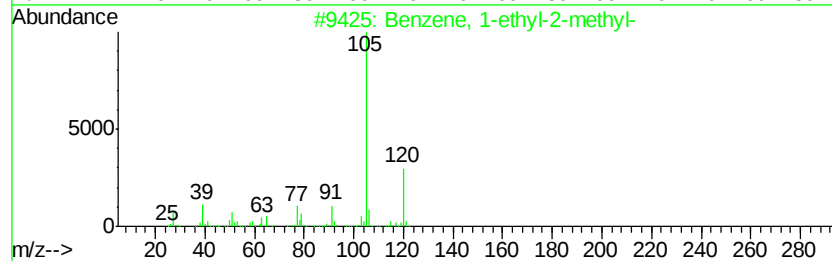
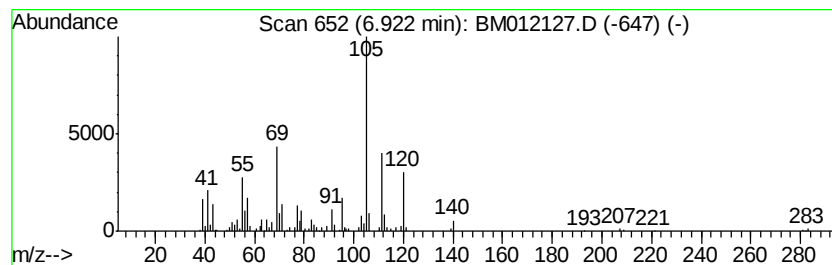
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.63 ng/ul	218275	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
3			Mesitylene	120	C9H12	000108-67-8	50
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

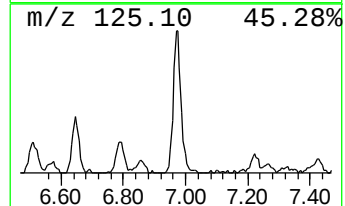
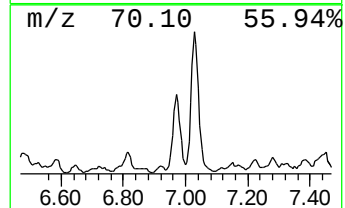
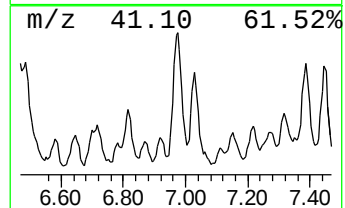
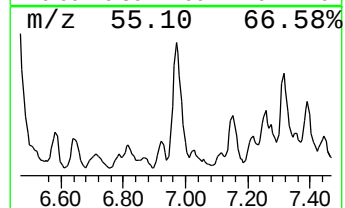
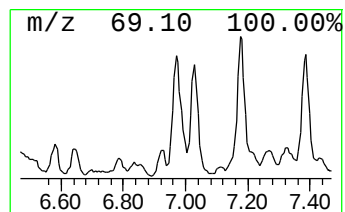
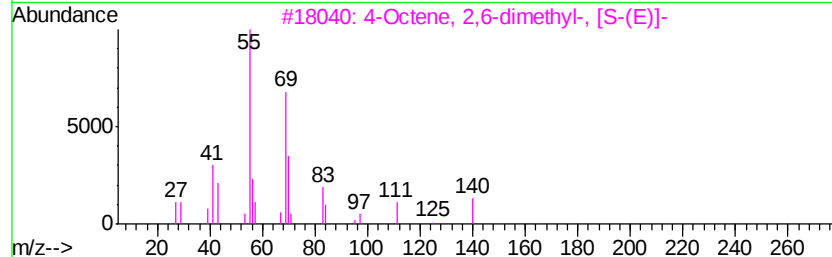
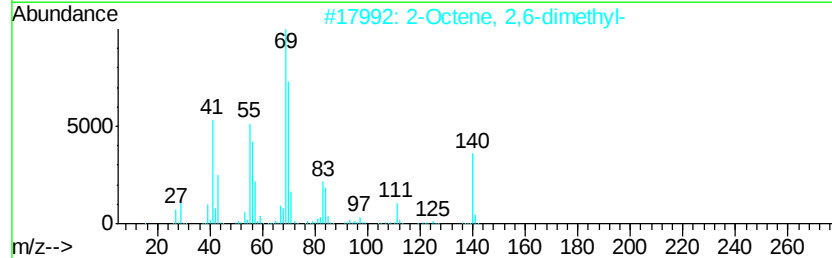
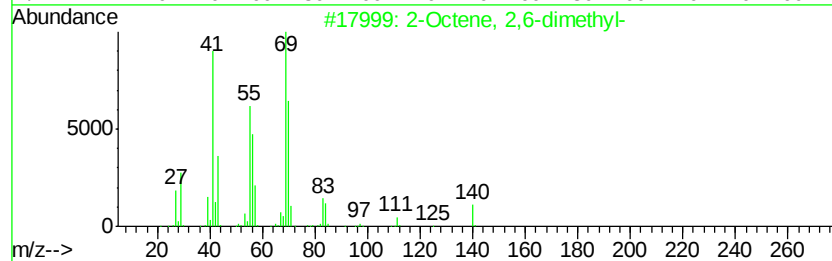
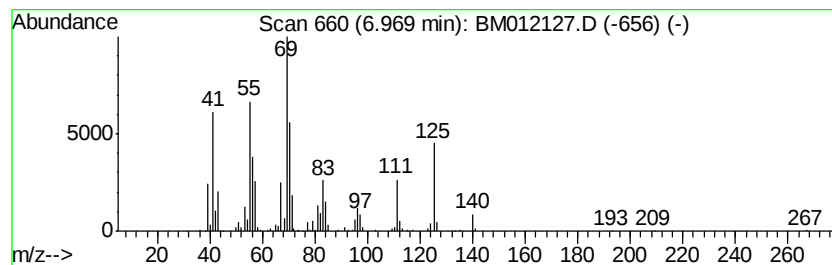
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic6.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	9.24 ng/ul	765996	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
4			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	47
5			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
B-75(0-1)-092917

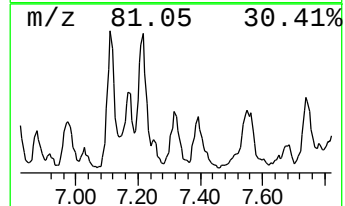
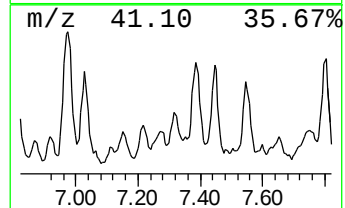
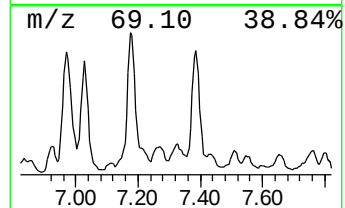
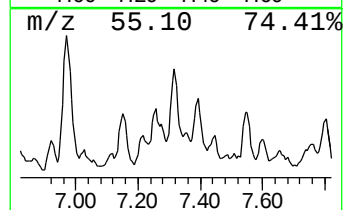
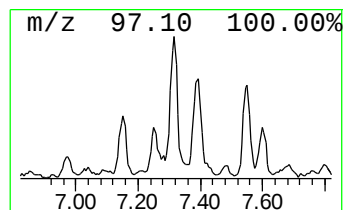
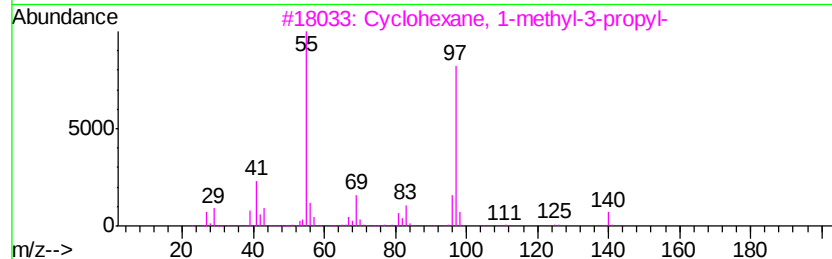
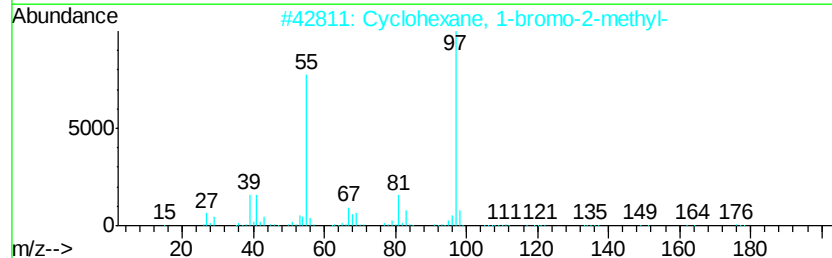
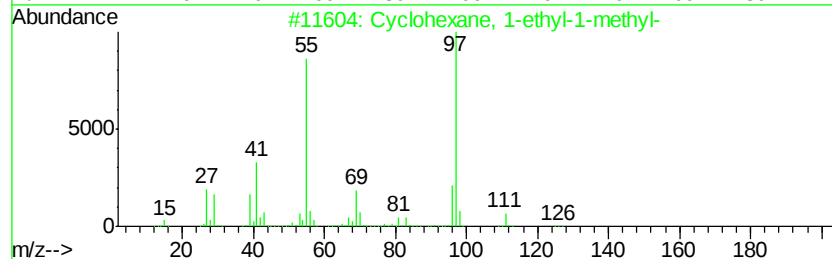
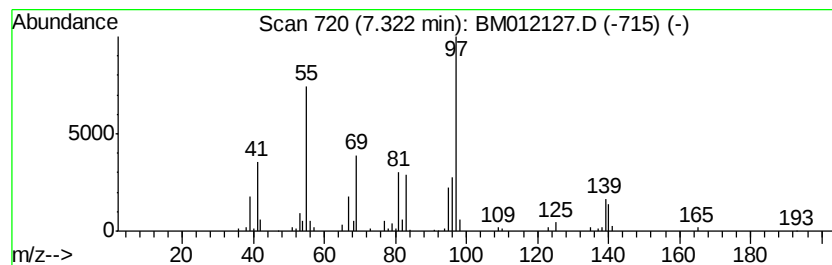
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Cyclic7.32 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.09 ng/ul	173598	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
2			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	59
3			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
5			Cycloheptane, bromo-	176	C7H13Br	002404-35-5	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

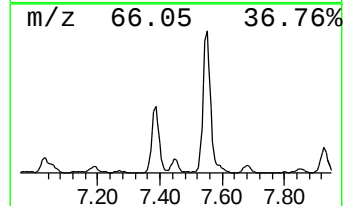
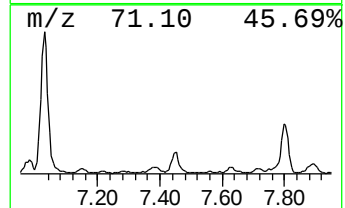
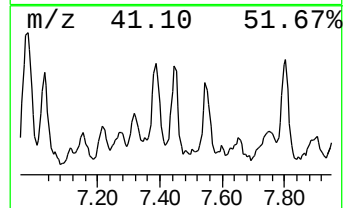
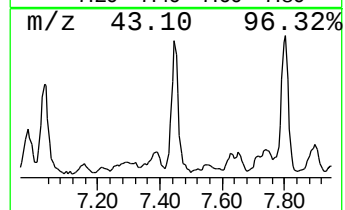
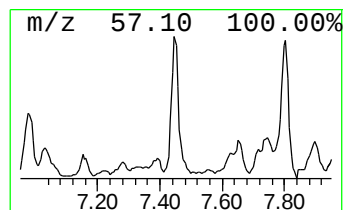
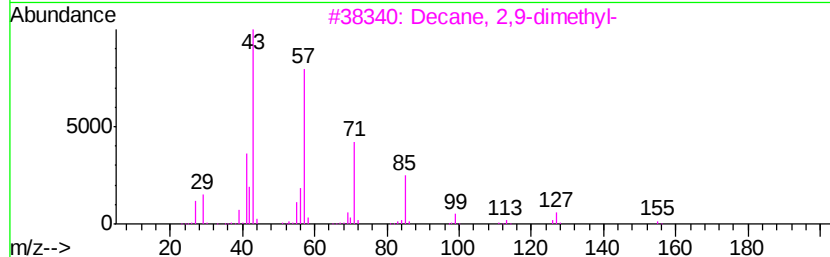
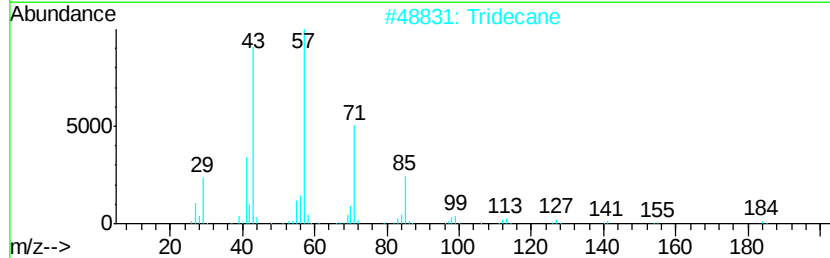
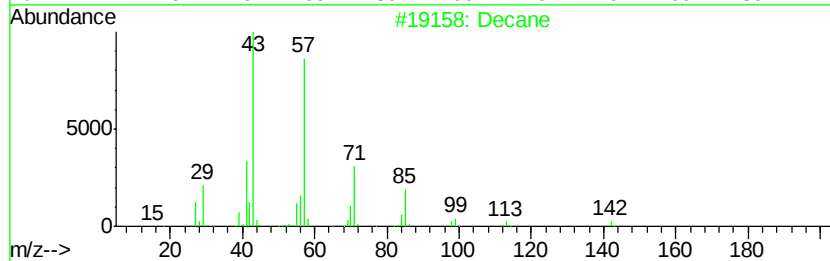
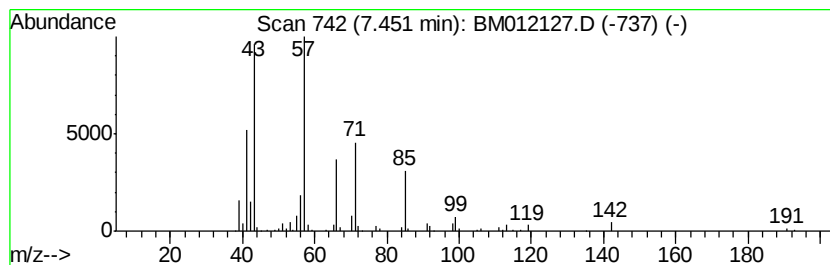
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.15 ng/ul	261432	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	60
2			Tridecane	184	C13H28	000629-50-5	43
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

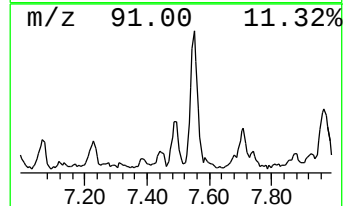
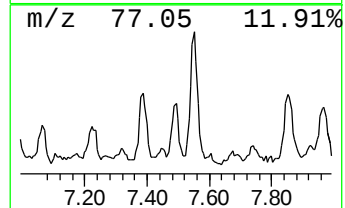
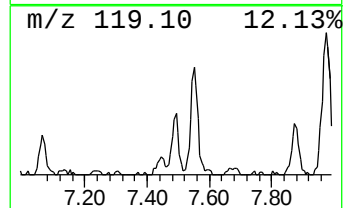
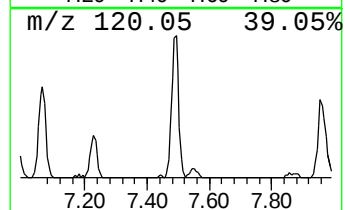
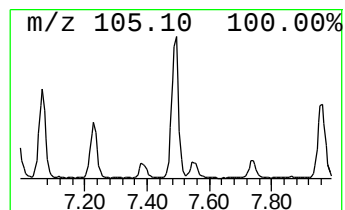
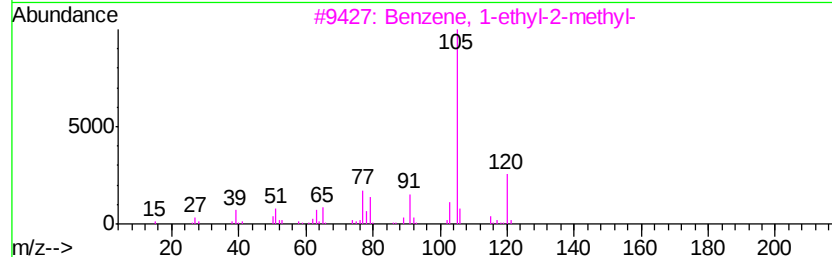
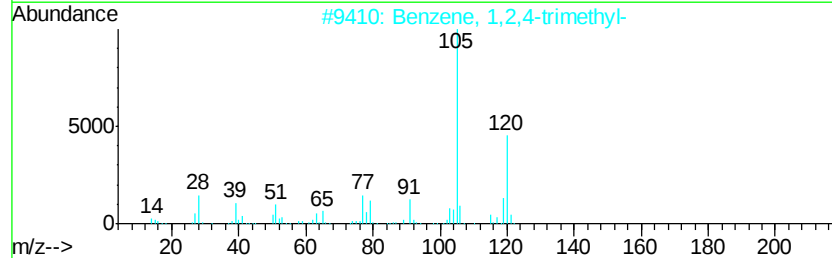
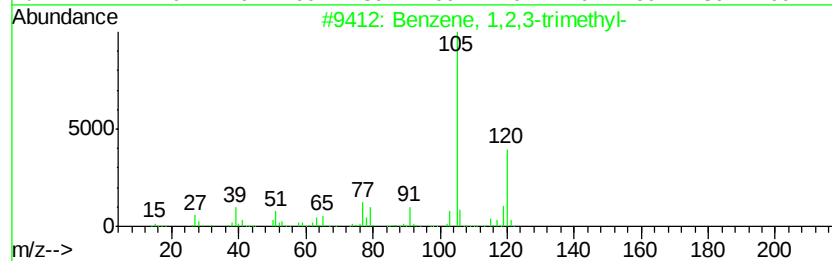
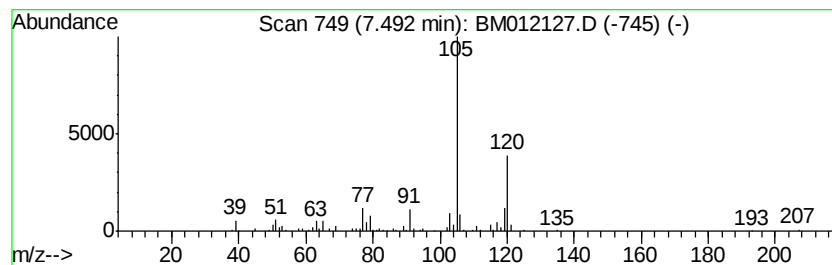
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1,2,3-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	2.20 ng/ul	182401	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Mesitylene	120	C9H12	000108-67-8	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

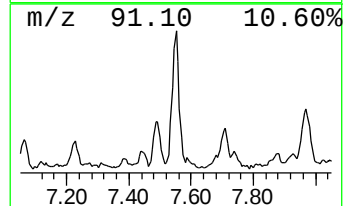
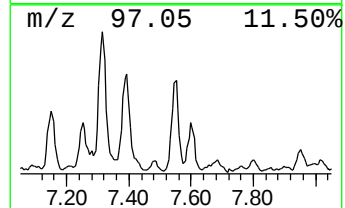
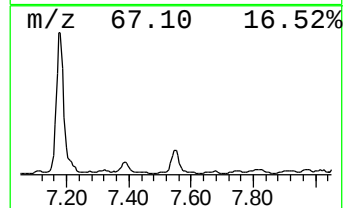
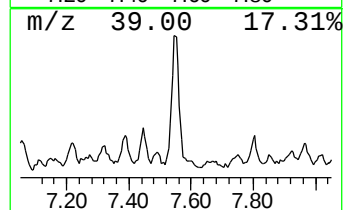
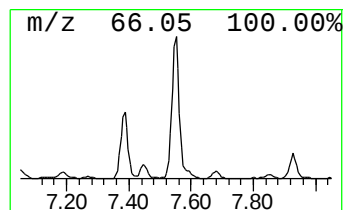
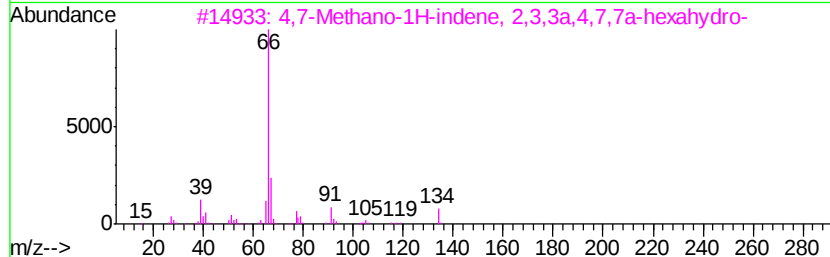
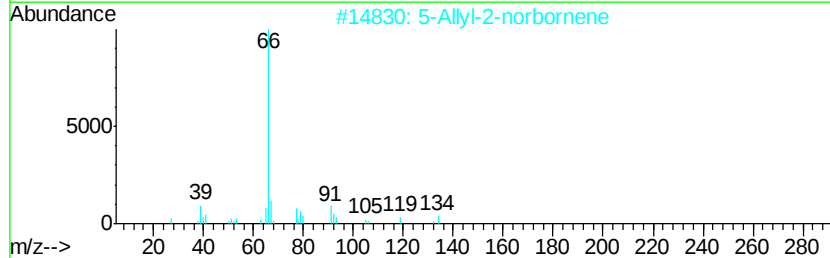
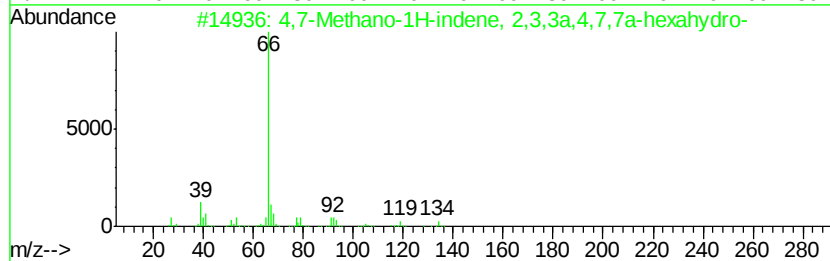
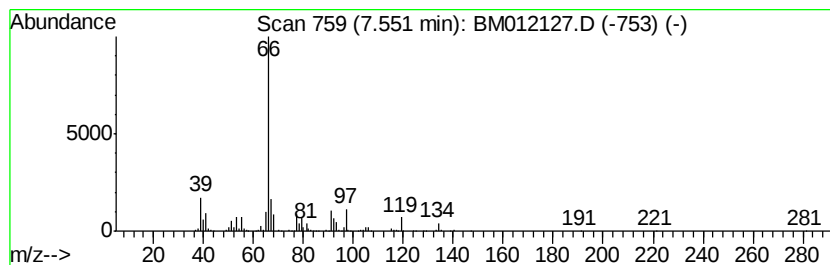
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 4,7-Methano-1H-indene, 2,3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	9.32 ng/ul	772826	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	019398-83-5	91
2			5-Allyl-2-norbornene	134	C10H14	031663-53-3	91
3			4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	019398-83-5	90
4			5-Exo-ethynyl-5-endo-norbornenol	134	C9H10O	106697-35-2	83
5			Dicyclopentadiene	132	C10H12	000077-73-6	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampled :
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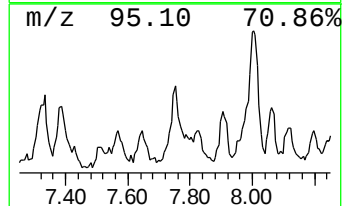
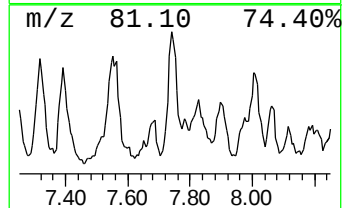
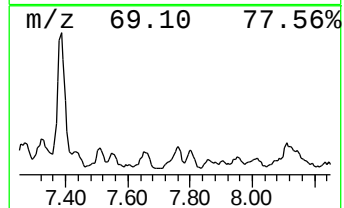
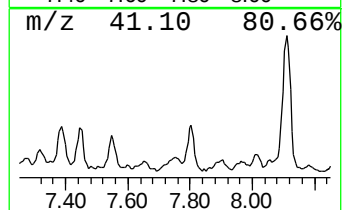
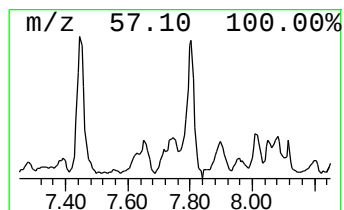
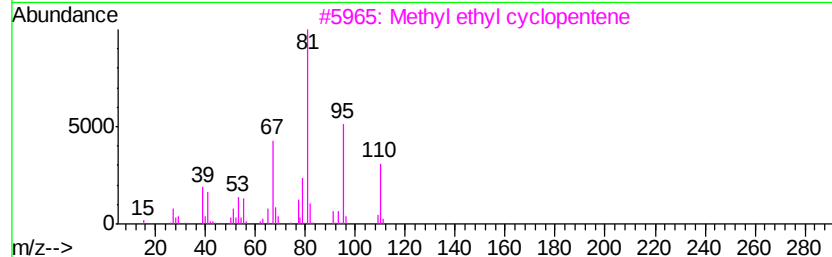
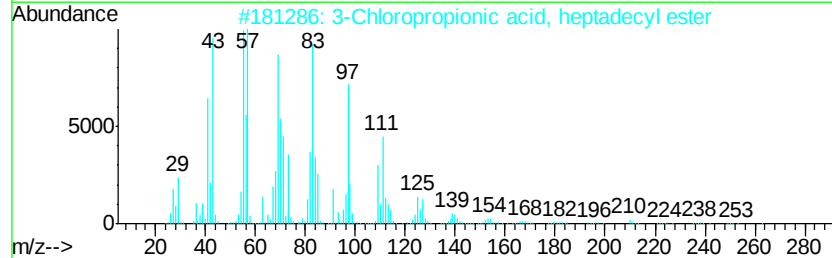
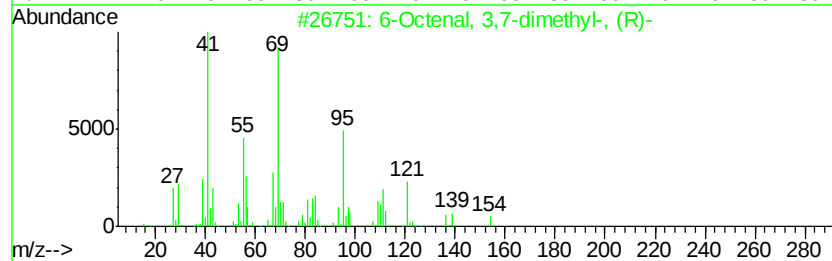
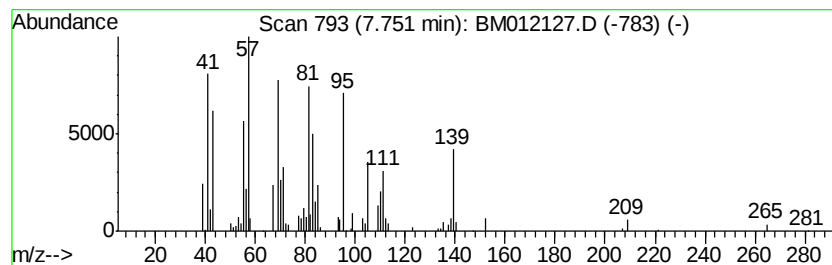
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	2.79 ng/ul	231472	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27
2			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	27
3			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	25
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	14
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

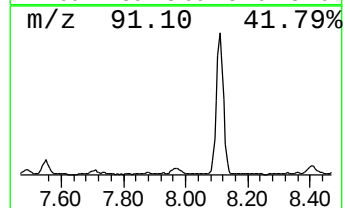
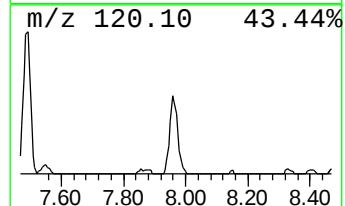
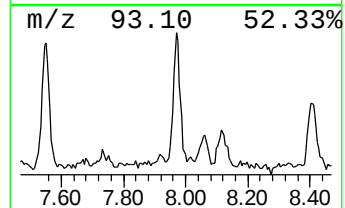
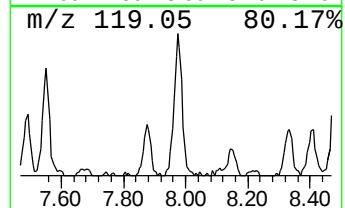
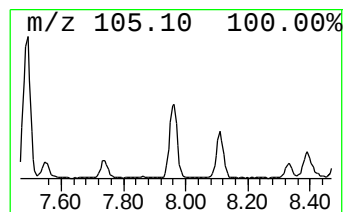
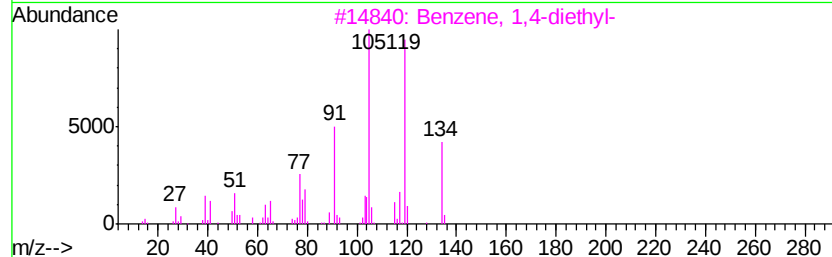
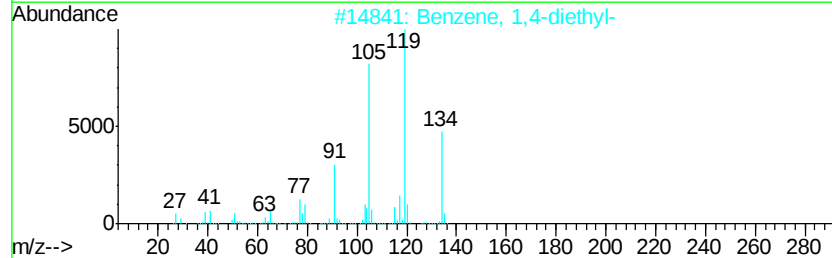
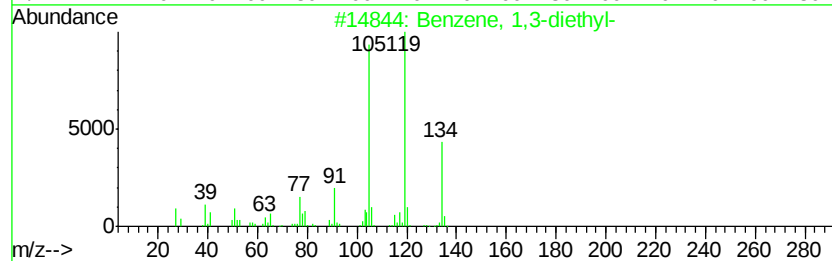
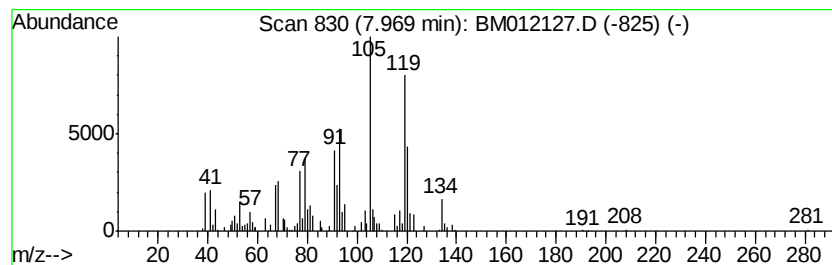
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	2.36 ng/ul	195837	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	49
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	45
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

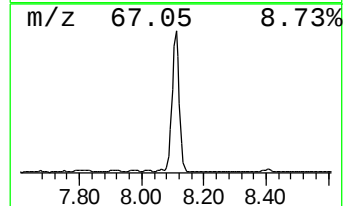
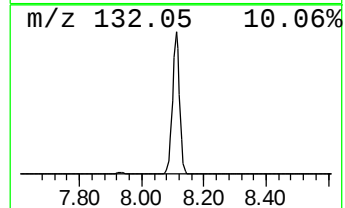
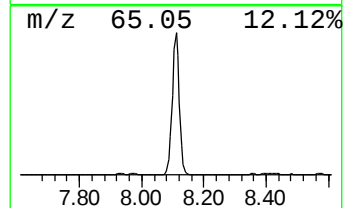
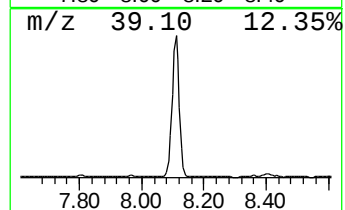
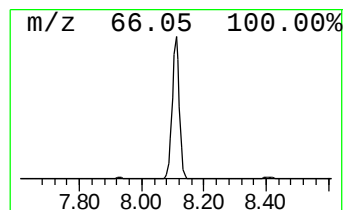
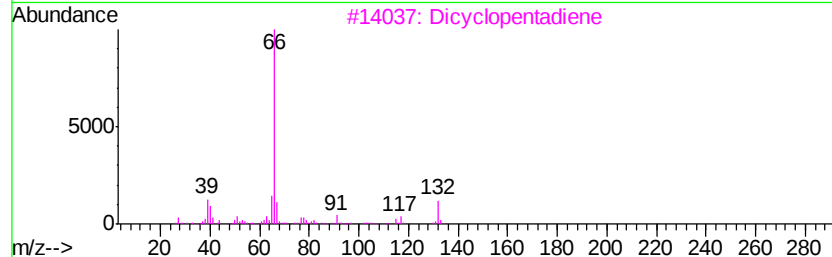
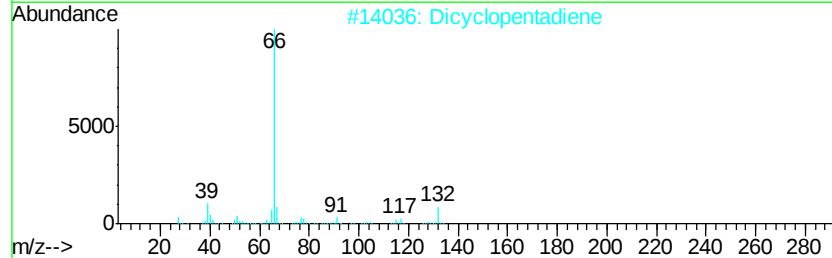
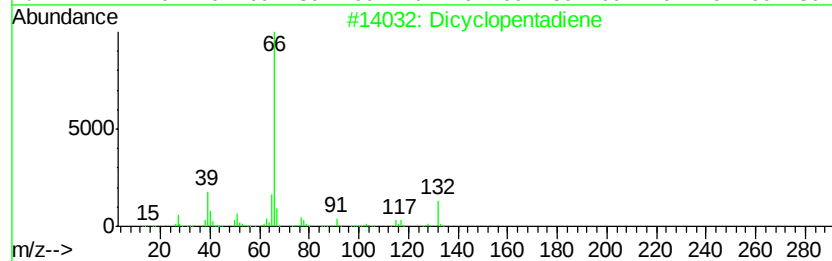
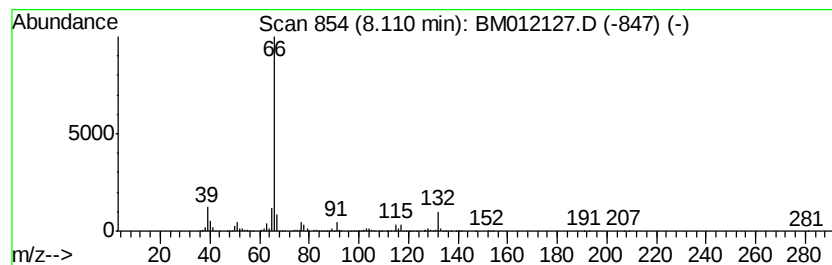
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Dicyclopentadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	153.94 ng/ul	12763400	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dicyclopentadiene	132	C10H12	000077-73-6	94
2		Dicyclopentadiene	132	C10H12	000077-73-6	91
3		Dicyclopentadiene	132	C10H12	000077-73-6	91
4		Dicyclopentadiene	132	C10H12	000077-73-6	91
5		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
B-75(0-1)-092917

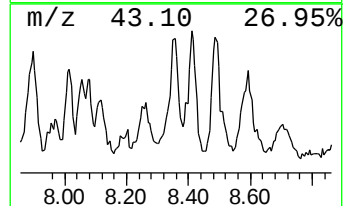
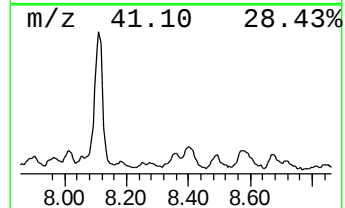
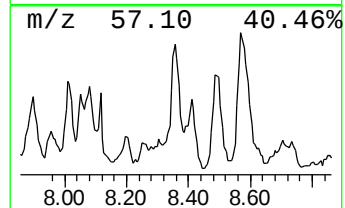
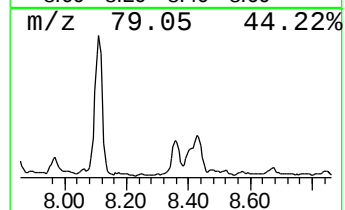
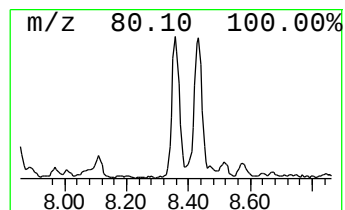
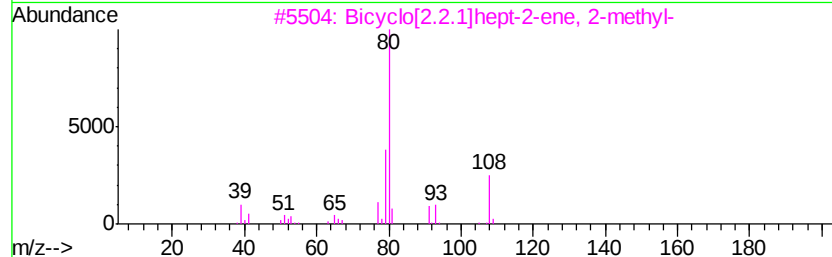
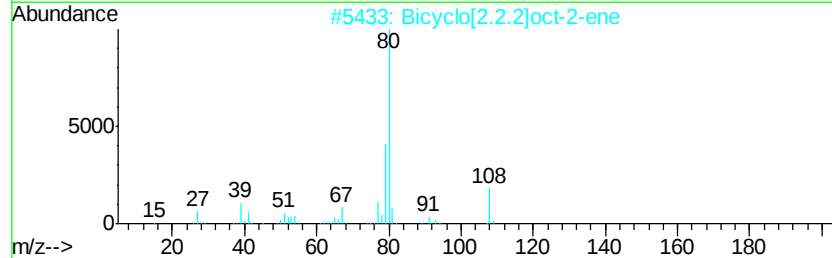
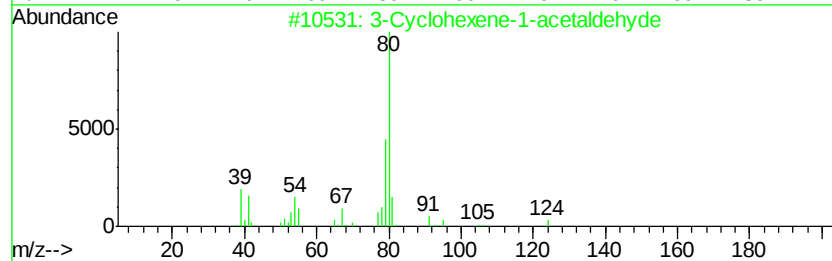
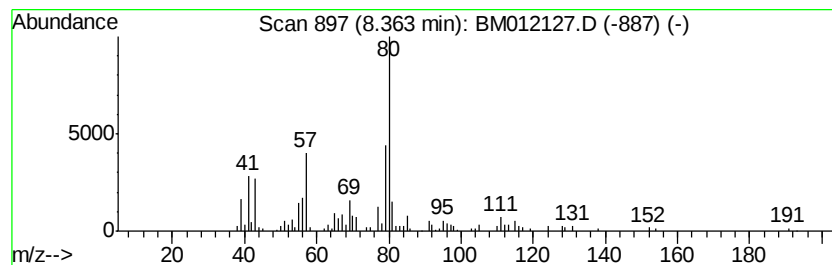
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 3-Cyclohexene-1-acetaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	3.65 ng/ul	302705	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexene-1-acetaldehyde	124	C8H12O	024480-99-7	78
2		Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	64
3		Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	64
4		Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	64
5		Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

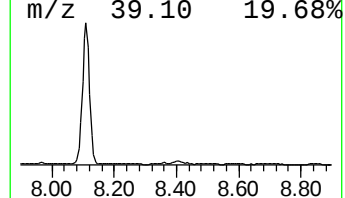
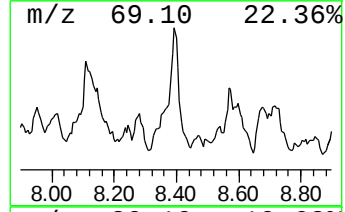
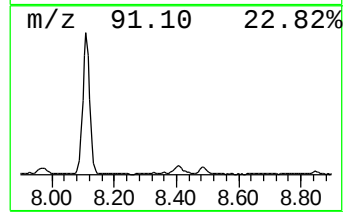
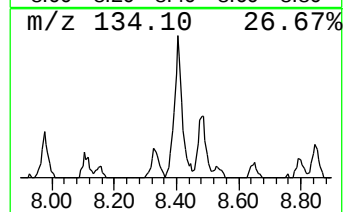
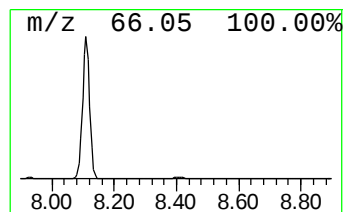
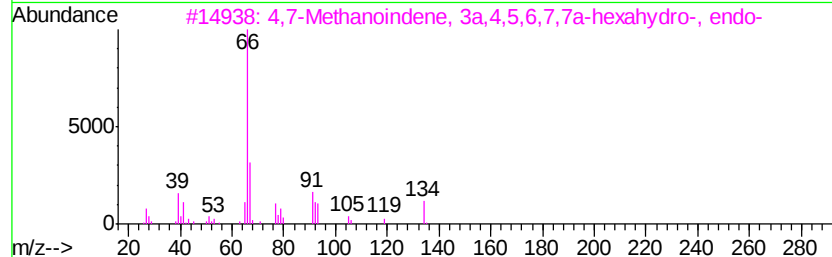
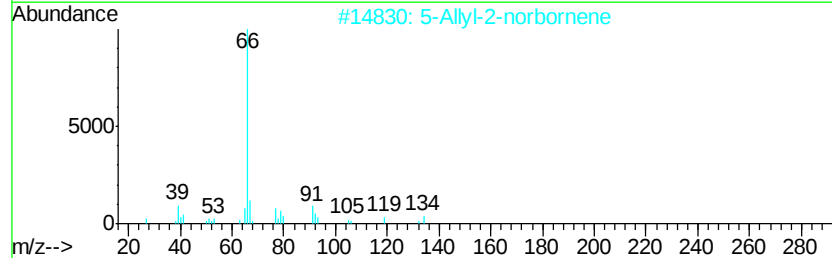
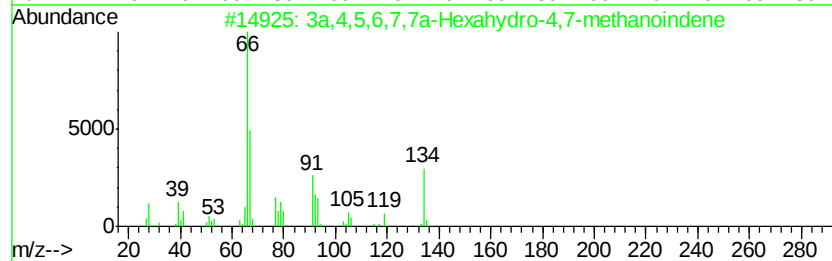
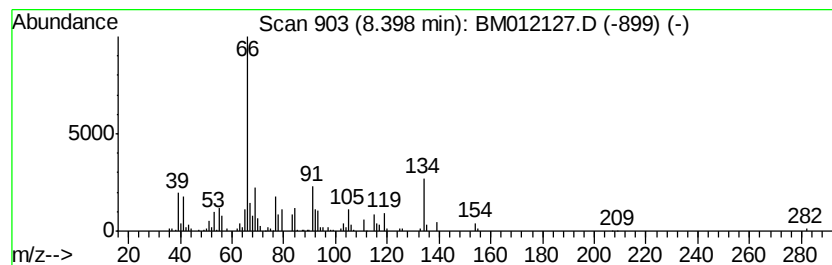
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	7.39 ng/ul	612479	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	87
2		5-Allyl-2-norbornene	134	C10H14	031663-53-3	86
3		4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	86
4		5-Norbornane-2-carboxaldehyde	122	C8H10O	005453-80-5	72
5		1H-Indene, 3a,4,7,7a-tetrahydro-	120	C9H12	003048-65-5	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

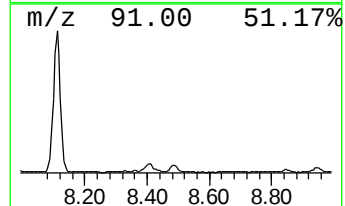
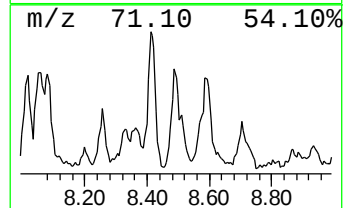
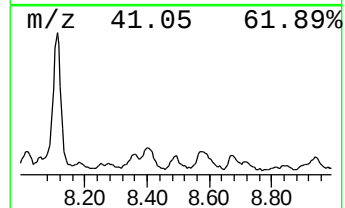
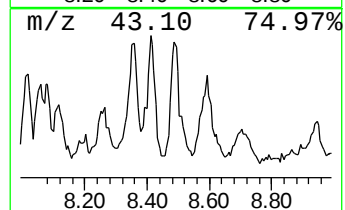
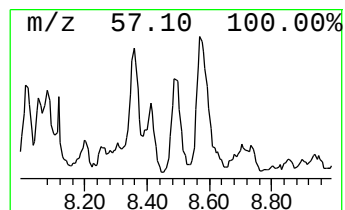
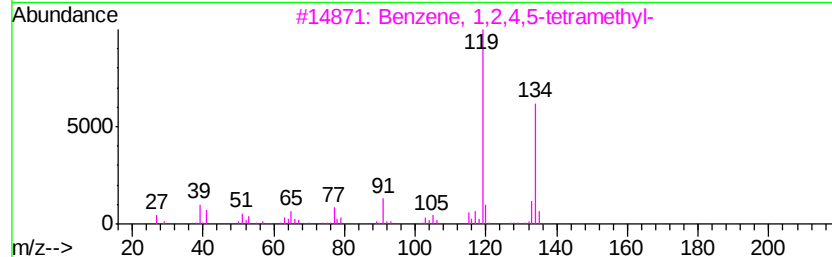
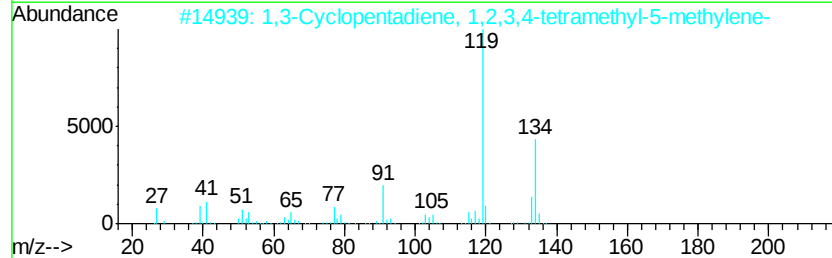
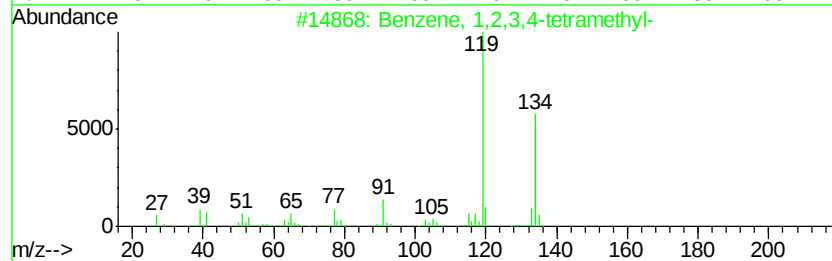
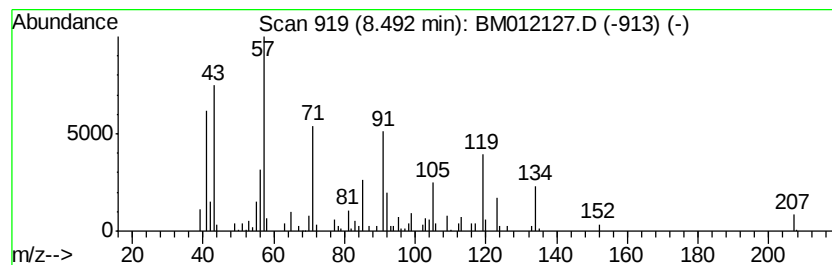
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-07 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	2.17 ng/ul	179741	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
2			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
5			Octane, 2-methyl-	128	C9H20	003221-61-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

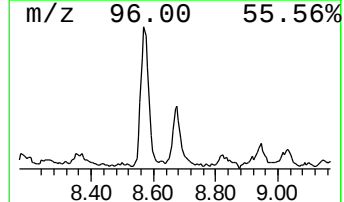
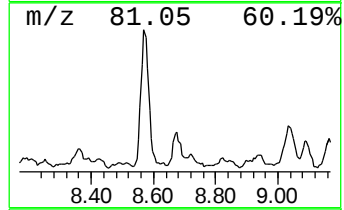
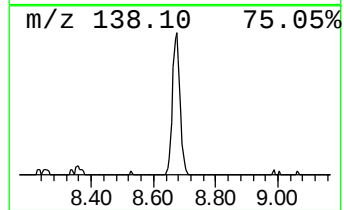
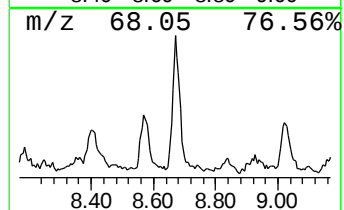
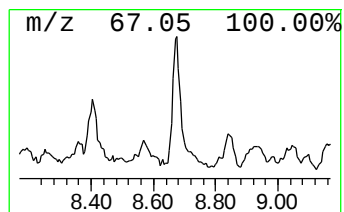
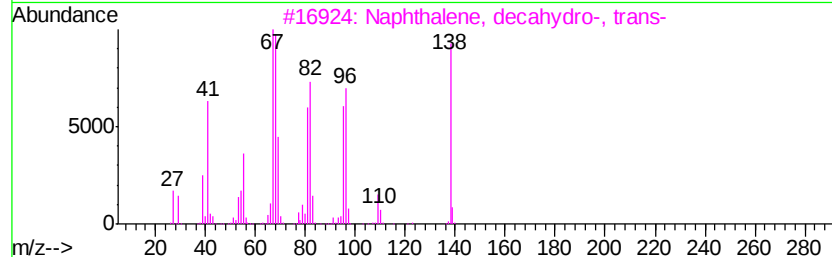
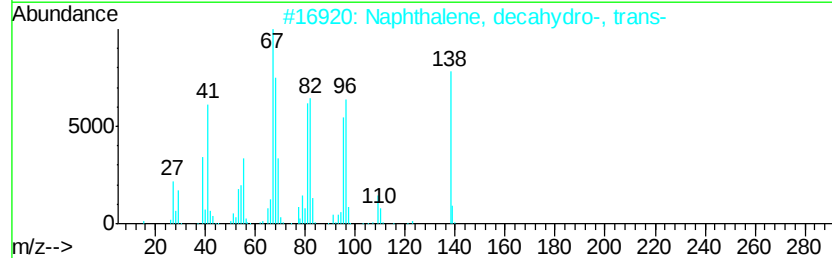
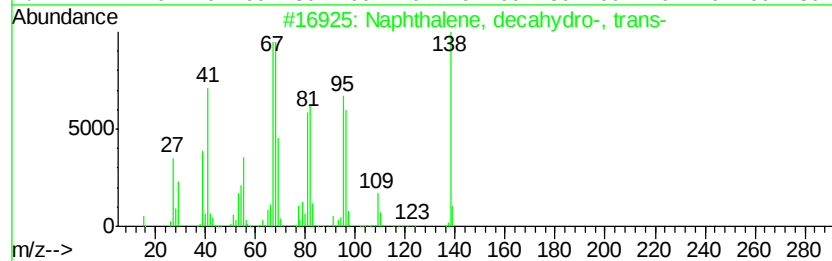
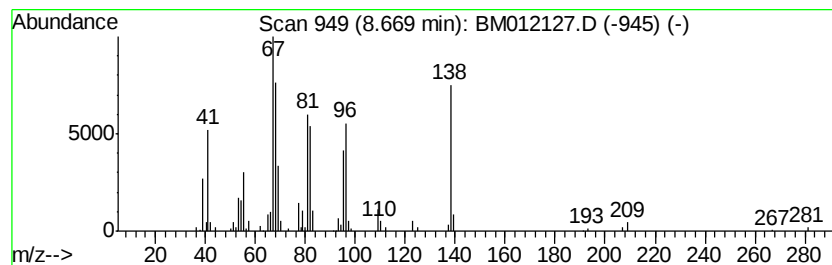
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, decahydro-, tr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.25 ng/ul	186536	1,4-Dichlorobenzene-d4	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

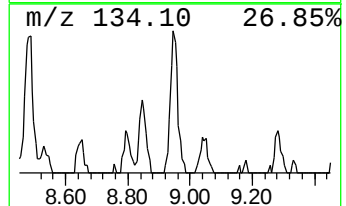
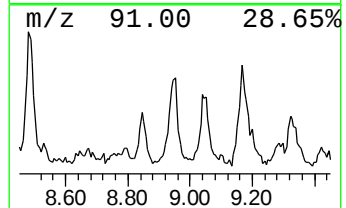
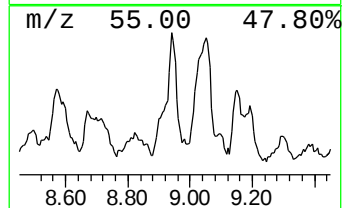
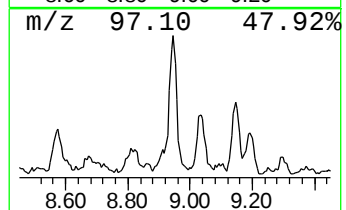
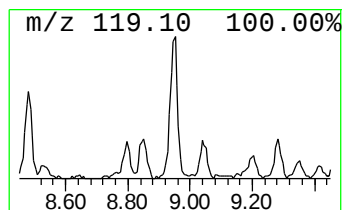
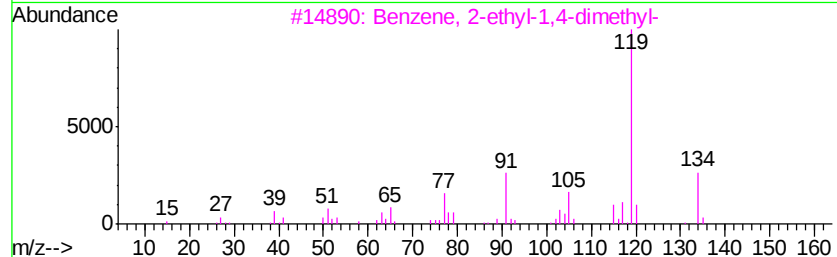
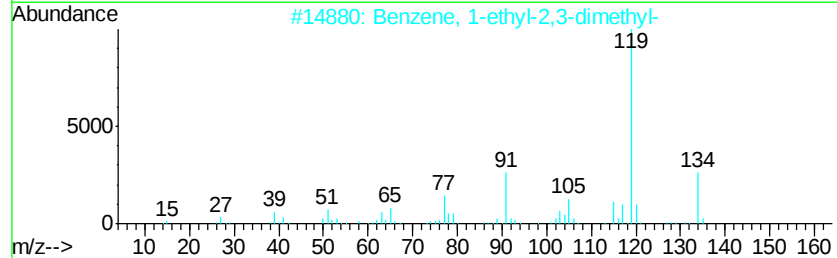
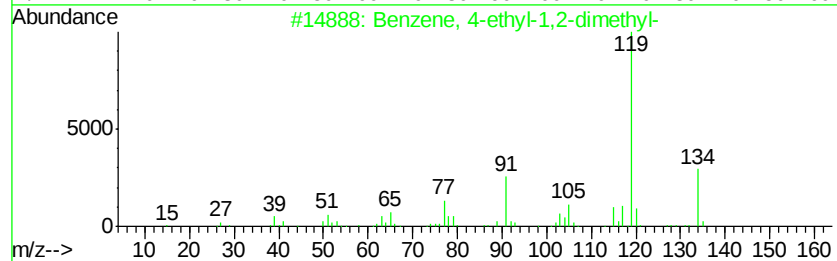
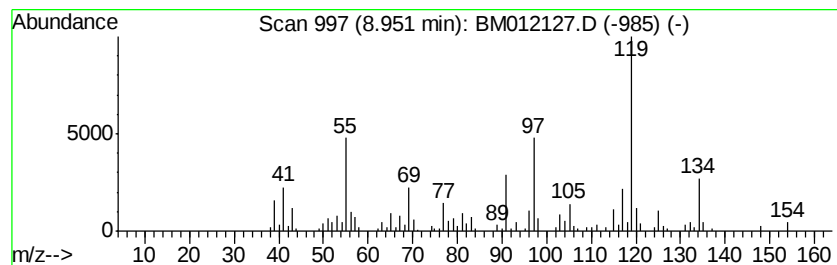
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	4.64 ng/ul	384973	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-75(0-1)-092917

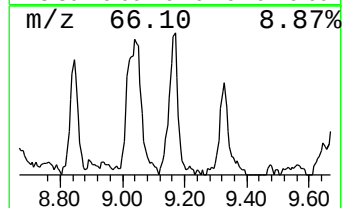
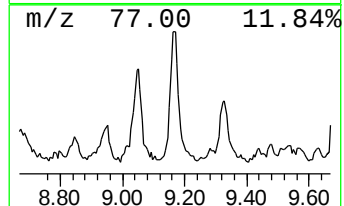
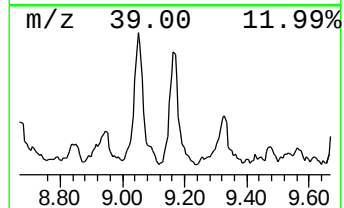
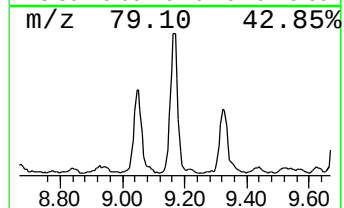
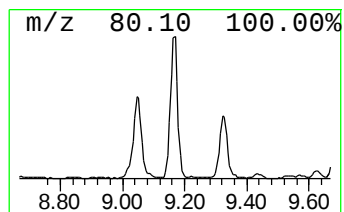
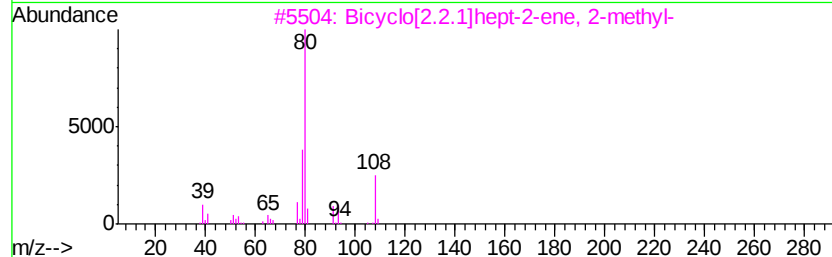
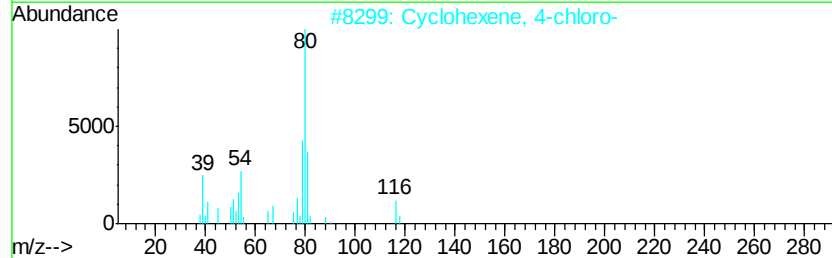
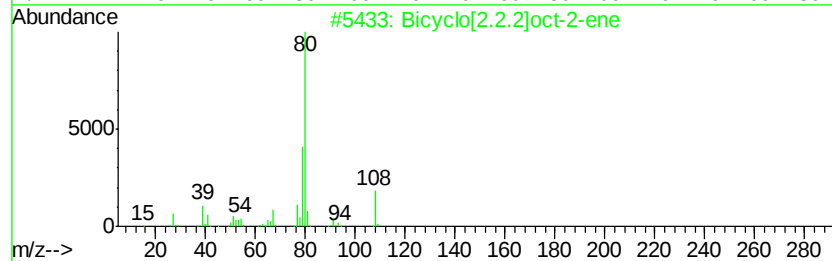
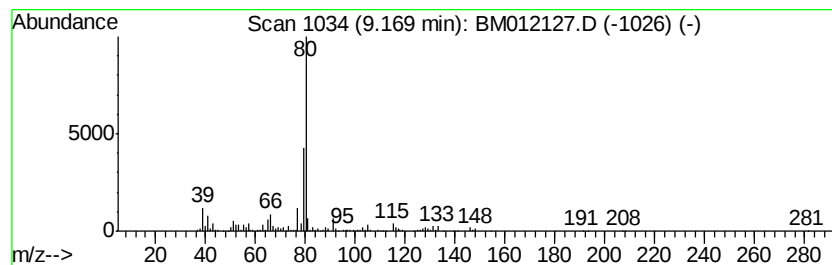
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Bicyclo[2.2.2]oct-2-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	8.68 ng/ul	719855	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	83
2		Cyclohexene, 4-chloro-	116	C6H9Cl	000930-65-4	83
3		Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	74
4		3-Oxabicyclo[3.3.0]octan-2-one, ...	168	C9H12O3	1000153-91-6	74
5		3-Oxabicyclo[3.3.0]oct-6-en-2-on...	168	C9H12O3	1000155-62-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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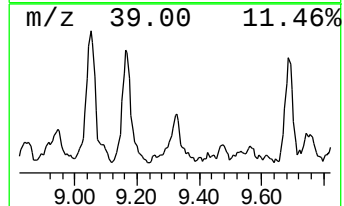
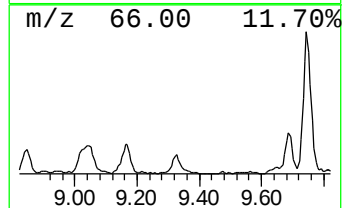
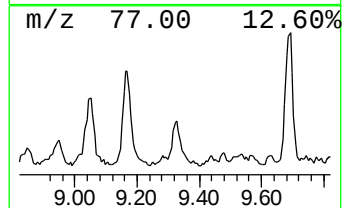
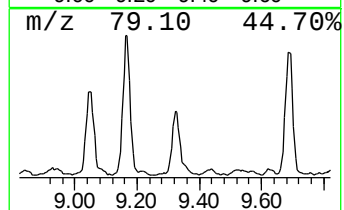
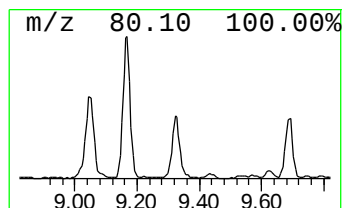
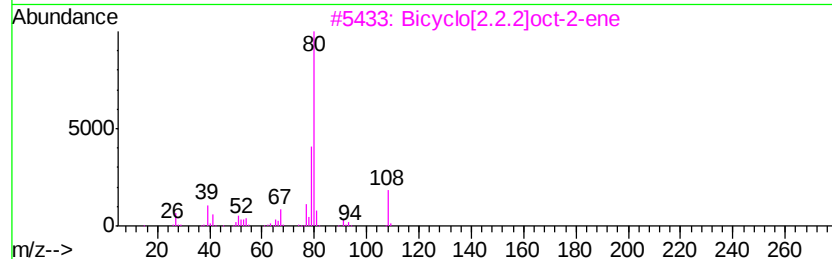
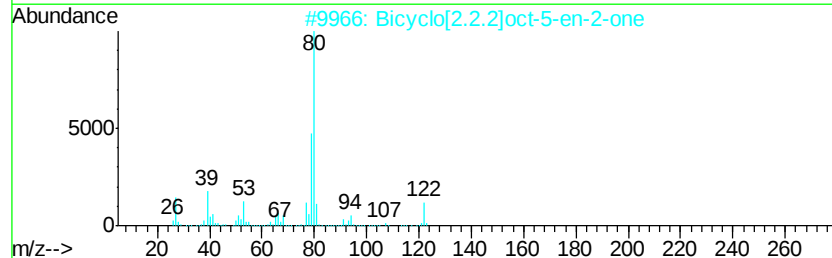
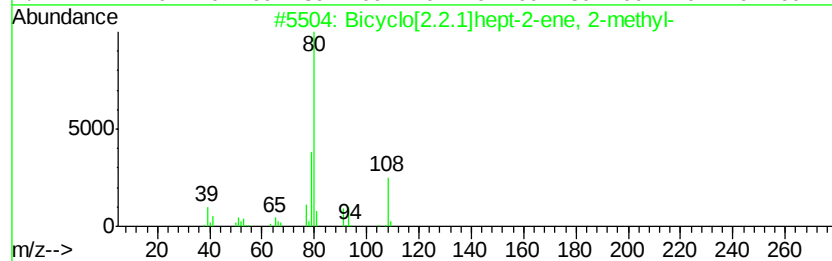
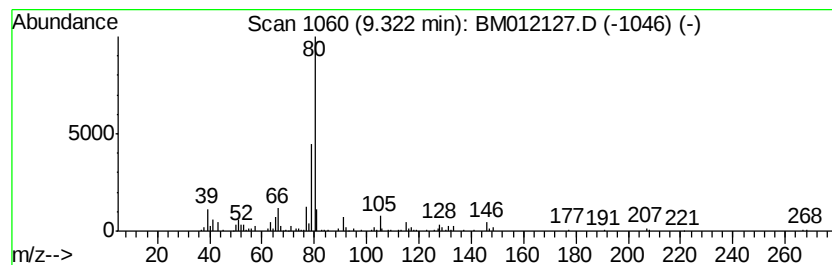
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.64 ng/ul	434141	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	83
2		Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	83
3		Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	78
4		4,7-Methanoisobenzofuran-1,3-dio...	178	C10H10O3	000117-40-8	74
5		Bicyclo[2.2.1]hept-2-ene, 1-methyl-	108	C8H12	000822-73-1	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Acq On : 13 Oct 2017 08:16
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Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

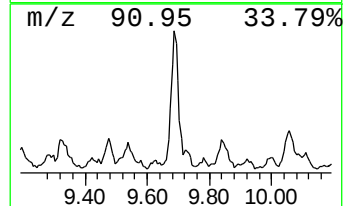
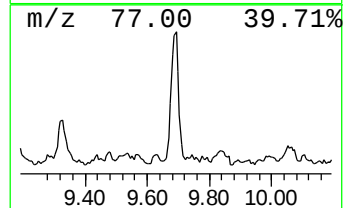
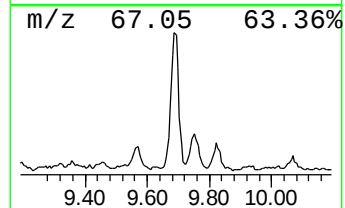
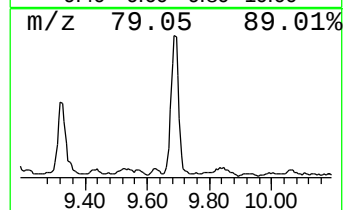
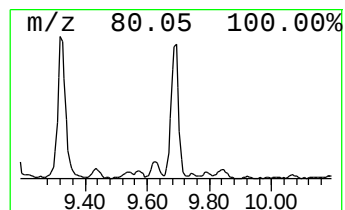
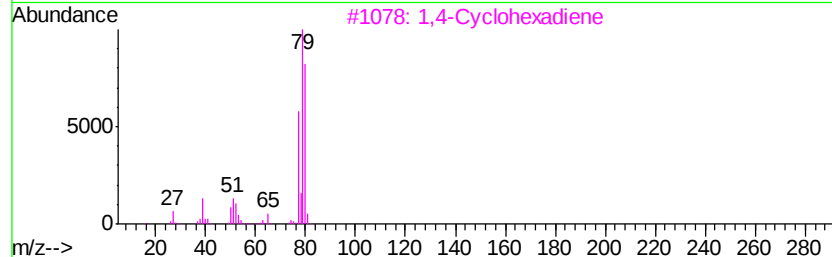
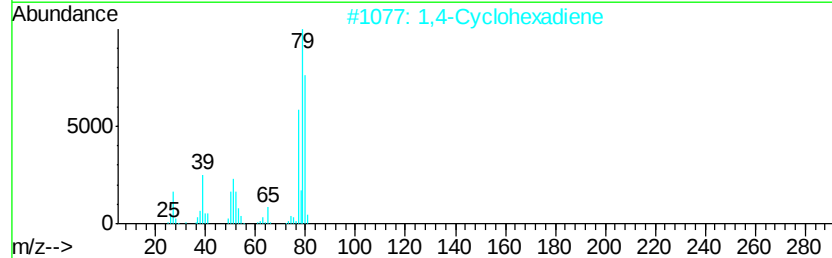
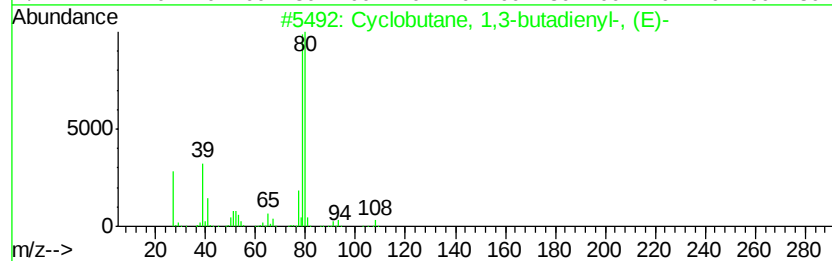
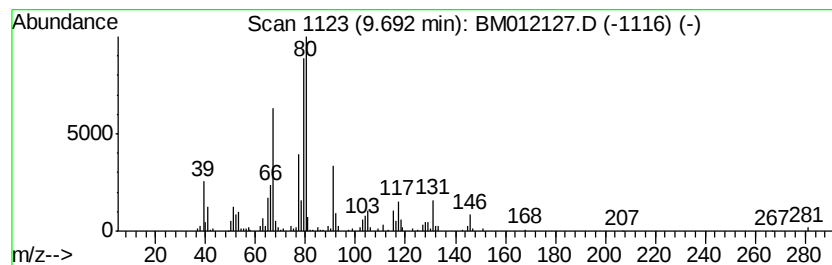
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Cyclobutane, 1,3-butadienyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	4.23 ng/ul	503241	Naphthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, 1,3-butadienyl-, (E)-	108	C8H12	080344-48-5	53
2		1,4-Cyclohexadiene	80	C6H8	000628-41-1	52
3		1,4-Cyclohexadiene	80	C6H8	000628-41-1	52
4		1-Hexen-3-yne	80	C6H8	013721-54-5	50
5		2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

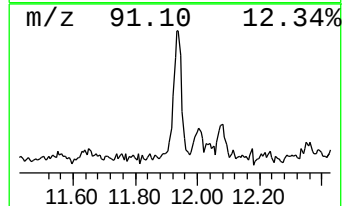
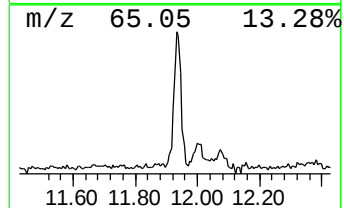
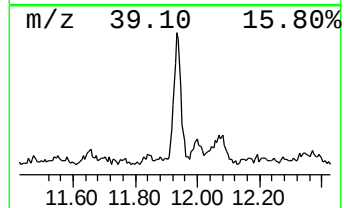
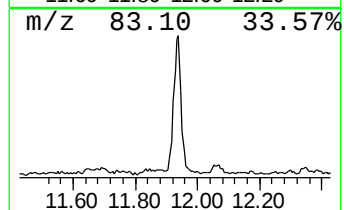
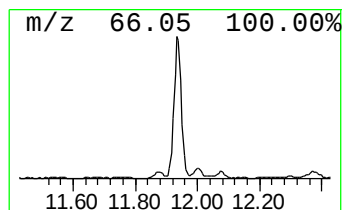
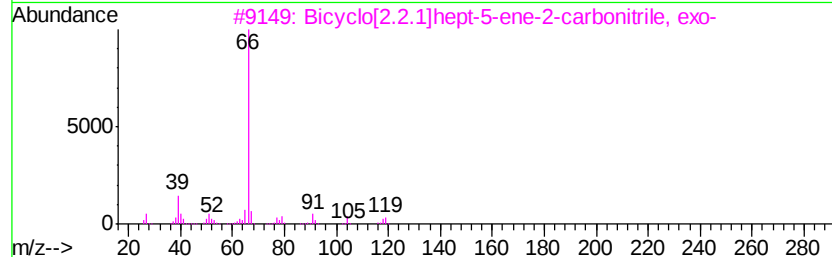
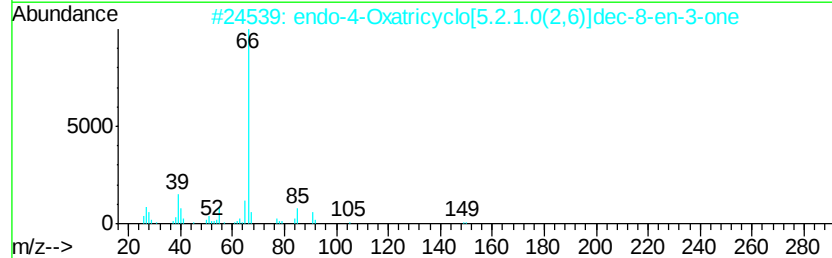
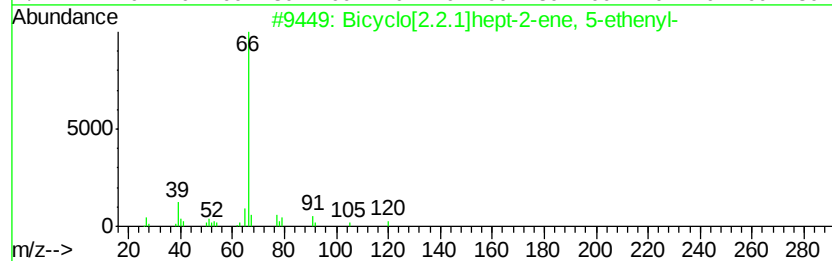
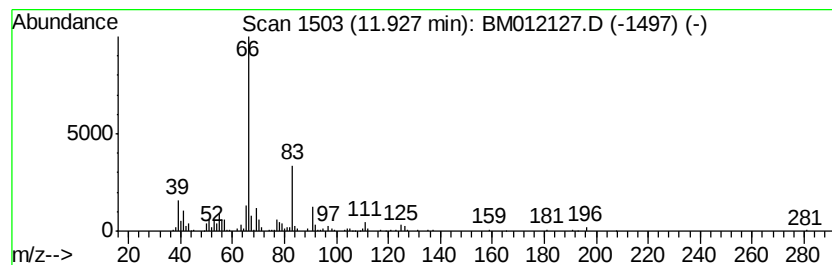
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Bicyclo[2.2.1]hept-2-ene, 5... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.20 ng/ul	380998	Napthalene-d8	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	78
2		endo-4-Oxatricyclo[5.2.1.0(2,6)]...	150	C9H10O2	095340-93-5	78
3		Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	002890-96-2	78
4		2-Acetyl-5-norbornene	136	C9H12O	005063-03-6	78
5		4,7-Methano-1H-indene, 2,3,3a,4,...	134	C10H14	019398-83-5	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
Operator : SJ/JU
Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-75(0-1)-092917

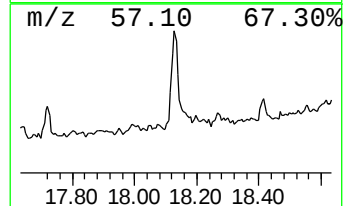
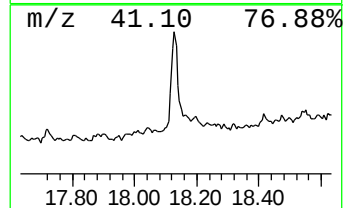
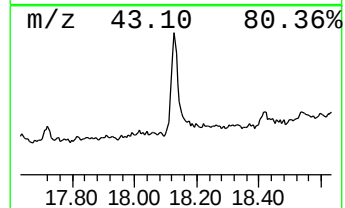
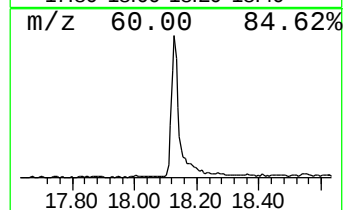
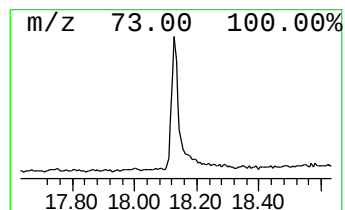
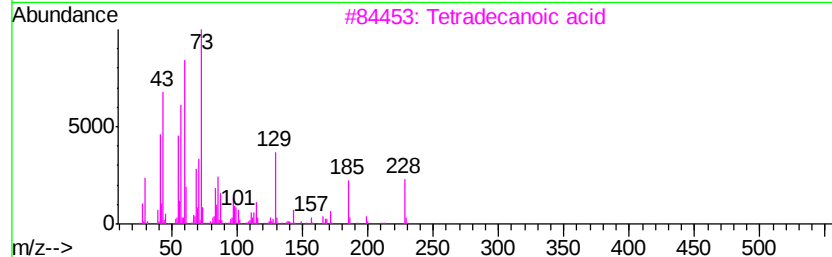
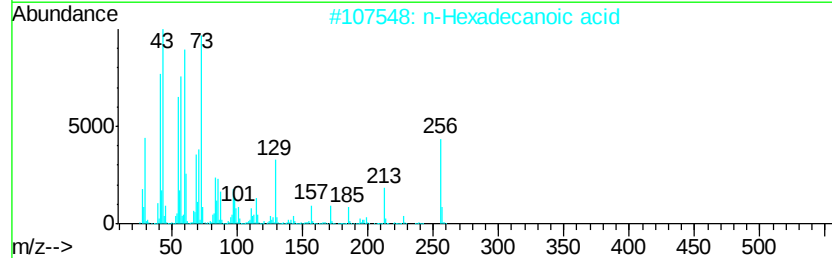
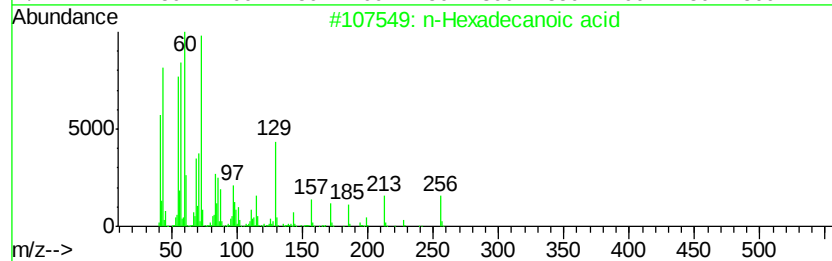
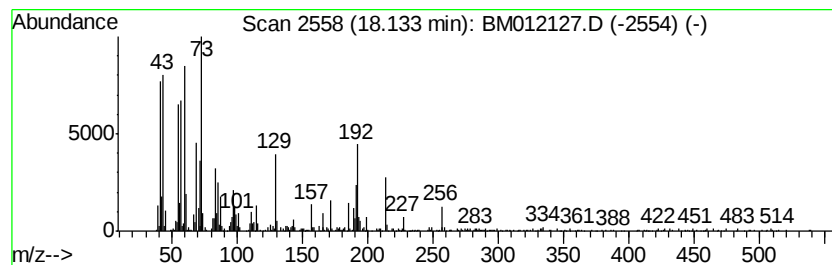
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.04 ng/ul	794052	Phenanthrene-d10	17.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012127.D
Acq On : 13 Oct 2017 08:16
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Sample : I5568-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

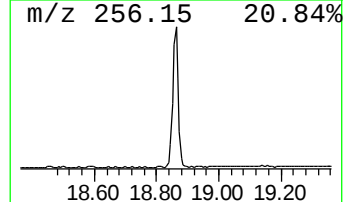
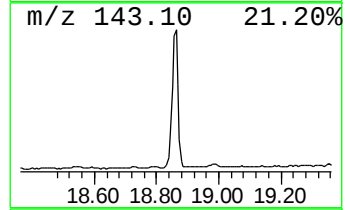
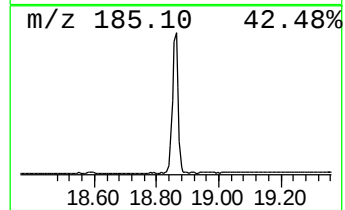
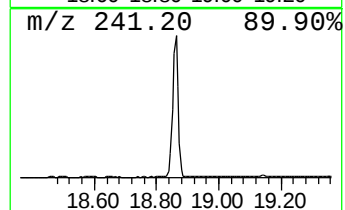
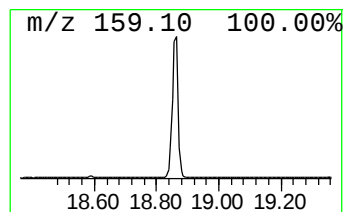
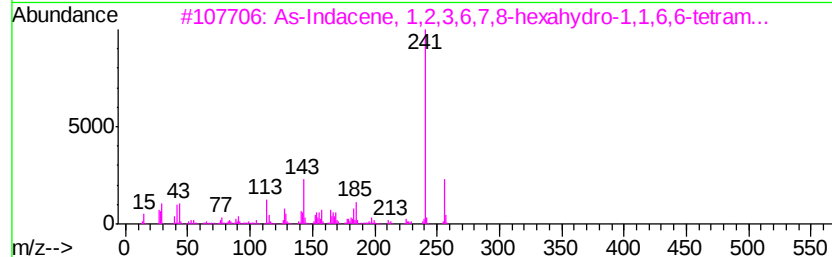
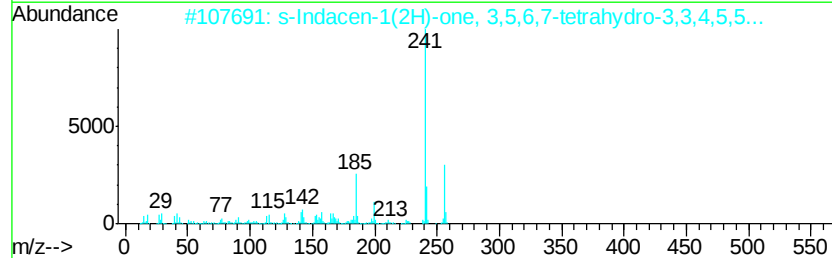
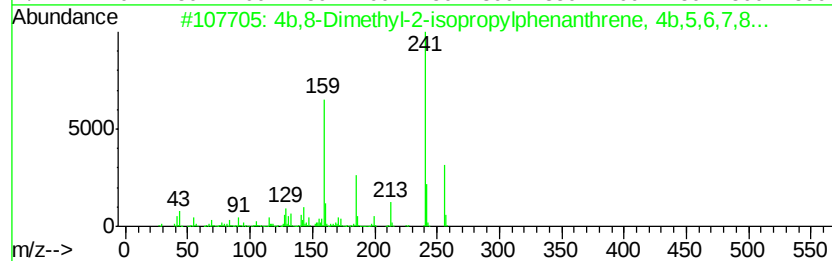
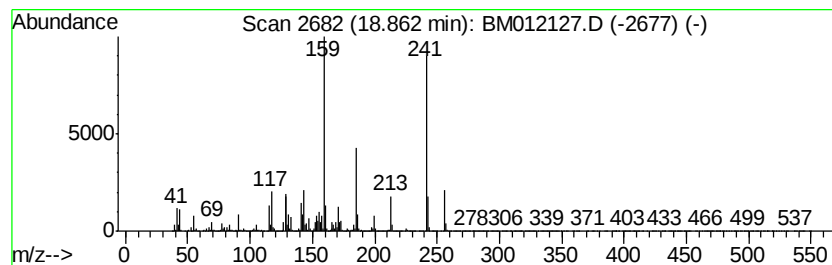
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ClientSampleId :
B-75(0-1)-092917

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.86	52.37 ng/ul	8245880	Phenanthrene-d10	17.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95	
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42	
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30	
4	Sebacic acid, butyl 2-octyl ester	370	C22H42O4	1000354-16-9	25	
5	Methanephosphonothioic acid, 0,0...	256	C7H21O2PSSi2	1000226-86-9	22	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-75(0-1)-092917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.96	2.0	ng/ul	170278	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	5.02	3.7	ng/ul	307117	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	5.26	3.5	ng/ul	287964	1	7.85	1658230	20.0
unknown-01	5.70	2.5	ng/ul	209338	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	5.78	4.0	ng/ul	333475	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	5.85	3.6	ng/ul	298108	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	6.10	7.8	ng/ul	648586	1	7.85	1658230	20.0
(DEL) Alkane: Str...	6.21	2.4	ng/ul	202477	1	7.85	1658230	20.0
unknown-02	6.33	5.6	ng/ul	465748	1	7.85	1658230	20.0
(DEL) Alkane: Str...	6.37	3.2	ng/ul	266657	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	6.46	11.3	ng/ul	933037	1	7.85	1658230	20.0
unknown-03	6.65	2.4	ng/ul	199261	1	7.85	1658230	20.0
(DEL) Alkane: Str...	6.72	3.5	ng/ul	291195	1	7.85	1658230	20.0
unknown-04	6.82	3.7	ng/ul	306434	1	7.85	1658230	20.0
Benzene, 1-ethyl-...	6.92	2.6	ng/ul	218275	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	6.97	9.2	ng/ul	765996	1	7.85	1658230	20.0
(DEL) Alkane: Cyc...	7.32	2.1	ng/ul	173598	1	7.85	1658230	20.0
(DEL) Alkane: Str...	7.45	3.1	ng/ul	261432	1	7.85	1658230	20.0
Benzene, 1,2,3-tr...	7.49	2.2	ng/ul	182401	1	7.85	1658230	20.0
4,7-Methano-1H-in...	7.55	9.3	ng/ul	772826	1	7.85	1658230	20.0
unknown-05	7.75	2.8	ng/ul	231472	1	7.85	1658230	20.0
unknown-06	7.97	2.4	ng/ul	195837	1	7.85	1658230	20.0
Dicyclopentadiene	8.11	153.9	ng/ul	12763400	1	7.85	1658230	20.0
3-Cyclohexene-1-a...	8.36	3.6	ng/ul	302705	1	7.85	1658230	20.0
3a,4,5,6,7,7a-Hex...	8.40	7.4	ng/ul	612479	1	7.85	1658230	20.0
unknown-07	8.49	2.2	ng/ul	179741	1	7.85	1658230	20.0
Naphthalene, deca...	8.67	2.3	ng/ul	186536	1	7.85	1658230	20.0
Benzene, 4-ethyl-...	8.95	4.6	ng/ul	384973	1	7.85	1658230	20.0
Bicyclo[2.2.2]oct...	9.17	8.7	ng/ul	719855	1	7.85	1658230	20.0
Bicyclo[2.2.1]hep...	9.32	3.6	ng/ul	434141	2	10.66	2382200	20.0
Cyclobutane, 1,3-...	9.69	4.2	ng/ul	503241	2	10.66	2382200	20.0
Bicyclo[2.2.1]hep...	11.93	3.2	ng/ul	380998	2	10.66	2382200	20.0
n-Hexadecanoic acid	18.13	5.0	ng/ul	794052	4	17.26	3148990	20.0
4b,8-Dimethyl-2-i...	18.86	52.4	ng/ul	8245880	4	17.26	3148990	20.0