

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009849.D
 Acq On : 02 May 2017 02:29
 Operator : SJ/MA
 Sample : I2848-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT59

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-BM042517.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	6.063	495	506	508	rBV7	22670	51832	1.01%	0.103%
2	6.540	581	587	594	rVB3	46711	74111	1.45%	0.148%
3	6.822	627	635	639	rBV9	22613	55604	1.09%	0.111%
4	6.881	641	645	649	rBV3	38992	53542	1.05%	0.107%
5	6.940	649	655	657	rVV5	41507	88460	1.73%	0.176%
6	6.981	657	662	672	rVB	648359	1120031	21.93%	2.230%
7	7.110	679	684	685	rBV3	40399	54827	1.07%	0.109%
8	7.146	685	690	698	rVB	494250	834985	16.35%	1.662%
9	7.228	698	704	708	rBV3	26952	58961	1.15%	0.117%
10	7.281	708	713	718	rVV5	57129	117232	2.30%	0.233%
11	7.340	718	723	729	rVB	633608	1011081	19.80%	2.013%
12	7.504	748	751	756	rVB6	34520	55118	1.08%	0.110%
13	7.581	756	764	767	rBV3	45758	97056	1.90%	0.193%
14	7.698	776	784	788	rBV8	40163	115859	2.27%	0.231%
15	7.810	797	803	808	rBV	444997	730354	14.30%	1.454%
16	7.851	808	810	816	rVB5	87164	129545	2.54%	0.258%
17	7.922	816	822	825	rBV6	75041	148260	2.90%	0.295%
18	7.963	825	829	834	rVB4	98471	169882	3.33%	0.338%
19	8.063	842	846	852	rVV6	47387	88347	1.73%	0.176%
20	8.128	852	857	863	rVB6	54155	108547	2.13%	0.216%
21	8.222	869	873	878	rVB5	57180	94025	1.84%	0.187%
22	8.322	881	890	891	rBV5	65324	130766	2.56%	0.260%
23	8.340	891	893	896	rVB3	53581	57791	1.13%	0.115%
24	8.516	916	923	937	rVB	786690	1446463	28.32%	2.879%
25	8.628	937	942	945	rBV4	66308	143896	2.82%	0.286%
26	8.769	958	966	975	rVB4	53432	146842	2.88%	0.292%
27	8.851	975	980	982	rBV6	40725	61967	1.21%	0.123%
28	8.887	982	986	992	rVV4	85340	170999	3.35%	0.340%
29	8.975	996	1001	1009	rVB	681174	1159011	22.70%	2.307%
30	9.040	1009	1012	1017	rVB6	44512	66600	1.30%	0.133%
31	9.092	1017	1021	1023	rBV3	63569	103331	2.02%	0.206%
32	9.139	1023	1029	1034	rVB5	76506	184453	3.61%	0.367%
33	9.204	1037	1040	1043	rBV3	41633	65770	1.29%	0.131%
34	9.239	1043	1046	1053	rVB5	76144	143719	2.81%	0.286%

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35	9.322	1053	1060	1062	rBV5	52512	109653	2.15%	0.218%
36	9.416	1070	1076	1079	rBV6	29552	59383	1.16%	0.118%
37	9.504	1088	1091	1095	rBV4	61149	81111	1.59%	0.161%
38	9.645	1109	1115	1118	rBV6	45005	107728	2.11%	0.214%
39	9.692	1118	1123	1131	rVV	605766	1041823	20.40%	2.074%
40	9.769	1131	1136	1141	rVB7	52120	93107	1.82%	0.185%
41	9.875	1150	1154	1160	rBV8	33694	83758	1.64%	0.167%
42	10.228	1208	1214	1221	rBV	753209	1314377	25.74%	2.616%
43	10.369	1231	1238	1247	rVB	31380	96664	1.89%	0.192%
44	10.604	1272	1278	1285	rVB	695145	1138805	22.30%	2.267%
45	10.751	1295	1303	1311	rBV	719790	1287699	25.22%	2.563%
46	11.063	1351	1356	1362	rVB8	27883	52108	1.02%	0.104%
47	11.598	1442	1447	1450	rBV3	46569	70977	1.39%	0.141%
48	12.422	1581	1587	1591	rBV3	29708	55747	1.09%	0.111%
49	13.869	1827	1833	1837	rBV	1389045	1981362	38.80%	3.944%
50	13.910	1837	1840	1845	rVB2	198267	274237	5.37%	0.546%
51	14.151	1874	1881	1887	rBV	1652286	2414682	47.28%	4.807%
52	14.457	1927	1933	1942	rVB2	1052733	1628760	31.89%	3.242%
53	14.680	1961	1971	1982	rBV	557873	1035615	20.28%	2.061%
54	15.286	2069	2074	2078	rVB3	58710	78331	1.53%	0.156%
55	15.451	2096	2102	2109	rBV	2085601	3080542	60.32%	6.132%
56	15.592	2120	2126	2137	rBV	574440	829894	16.25%	1.652%
57	15.686	2137	2142	2146	rBV3	66850	110635	2.17%	0.220%
58	16.086	2204	2210	2216	rBV10	18963	56094	1.10%	0.112%
59	16.145	2216	2220	2222	rBV2	89426	123669	2.42%	0.246%
60	16.986	2358	2363	2370	rBV5	39986	79843	1.56%	0.159%
61	17.210	2395	2401	2406	rBV2	1480405	2081401	40.76%	4.143%
62	17.310	2412	2418	2426	rVB	2614915	3600766	70.51%	7.168%
63	18.080	2546	2549	2553	rBV3	103024	144831	2.84%	0.288%
64	18.480	2613	2617	2621	rBV4	82916	112407	2.20%	0.224%
65	18.668	2645	2649	2656	rVB5	110156	157109	3.08%	0.313%
66	18.927	2689	2693	2700	rVB3	134556	224802	4.40%	0.447%
67	19.474	2783	2786	2793	rVB4	81075	130148	2.55%	0.259%
68	19.604	2803	2808	2815	rBV2	3240270	4569132	89.47%	9.095%
69	20.309	2925	2928	2932	rBV	410487	486774	9.53%	0.969%
70	21.080	3055	3059	3063	rVB	676791	758608	14.86%	1.510%
71	21.392	3108	3112	3117	rVB	2499139	3025755	59.25%	6.023%

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72	23.562	3475	3481	3488	rVB	2748813	5106697	100.00%	10.165%
73	23.709	3500	3506	3513	rVB2	1775439	3411920	66.81%	6.792%

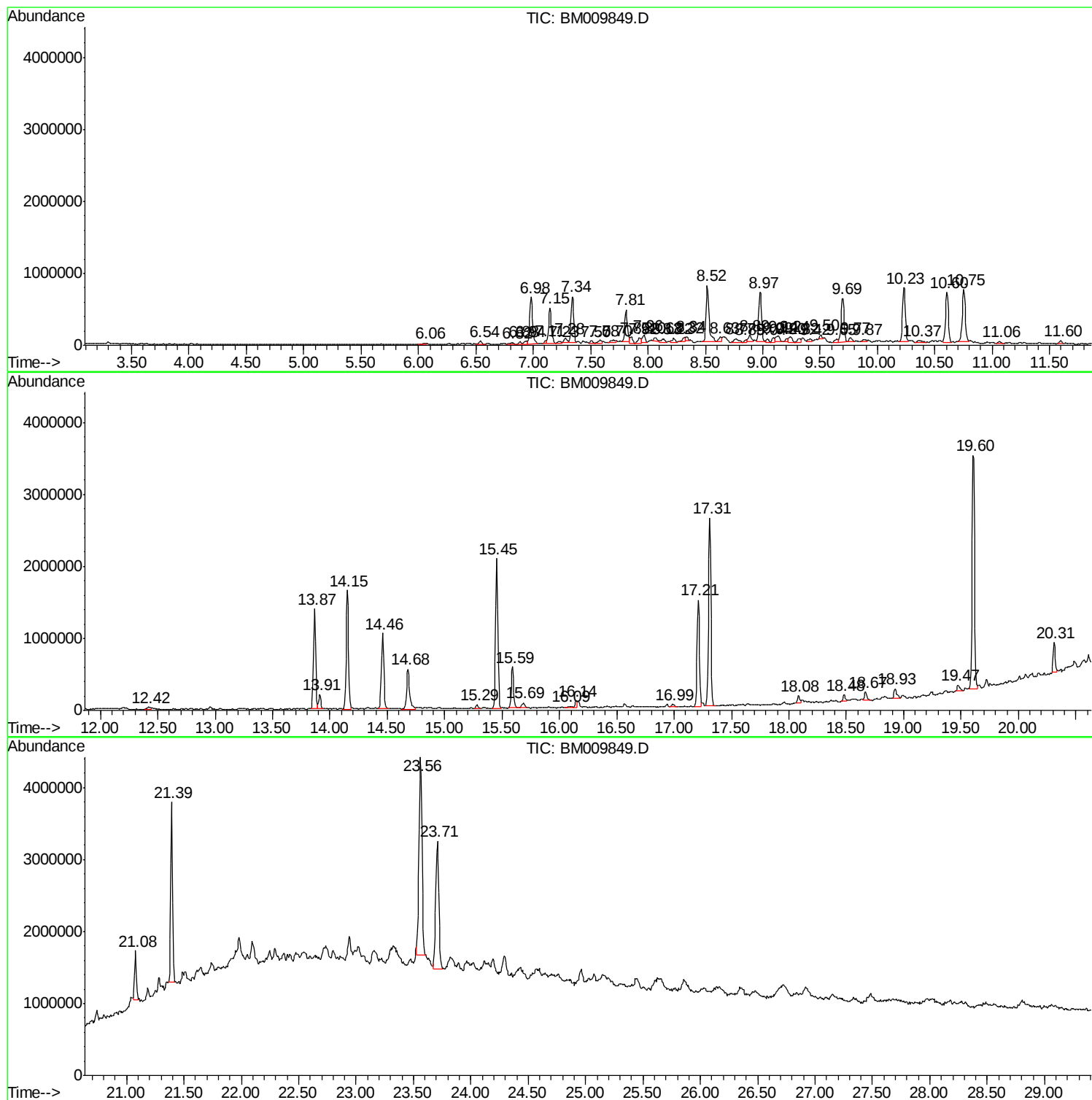
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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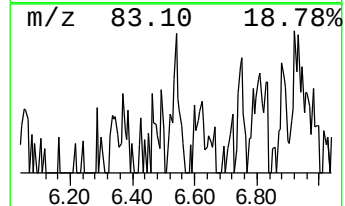
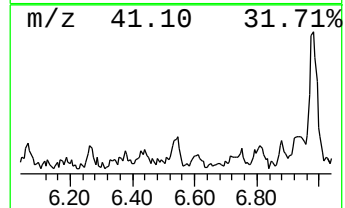
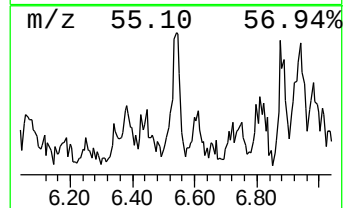
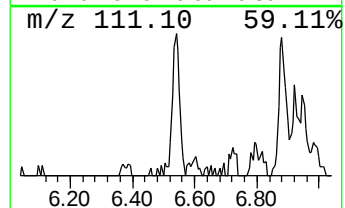
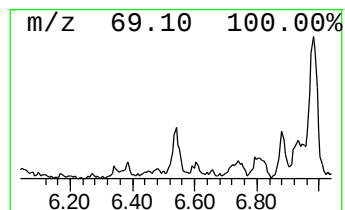
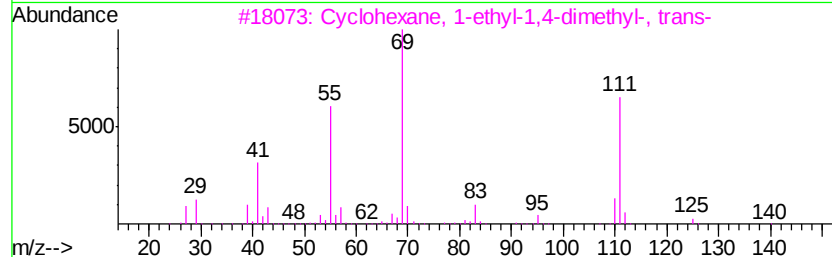
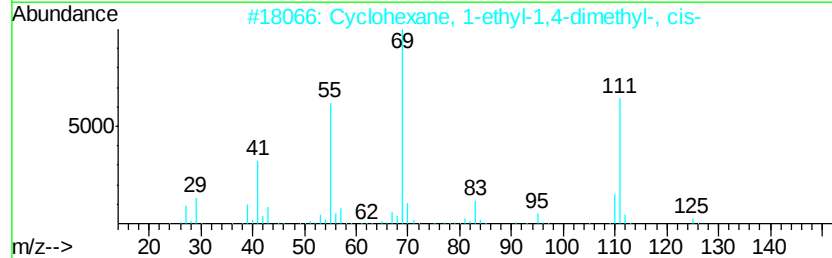
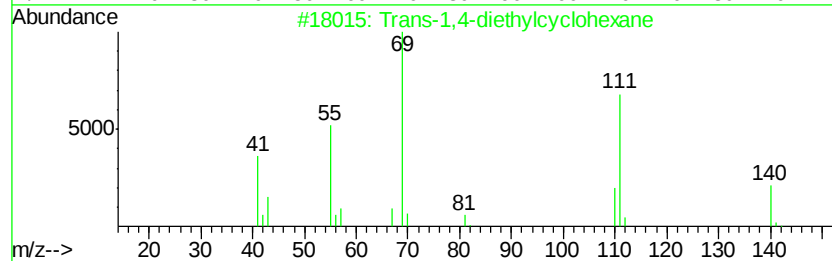
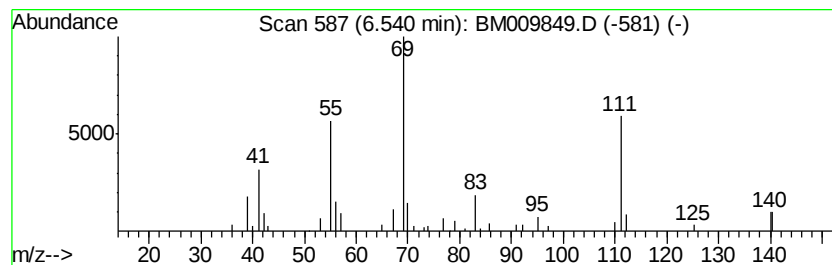
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic6.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.03 ng/ul	74111	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	83
2		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	64
3		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64
4		Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	64
5		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59



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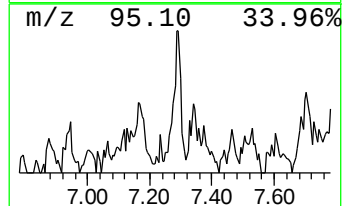
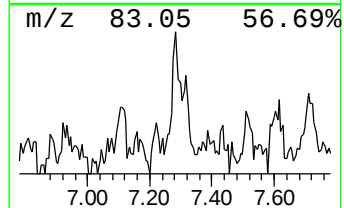
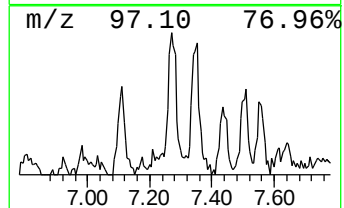
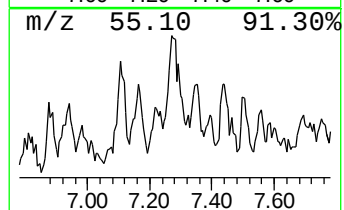
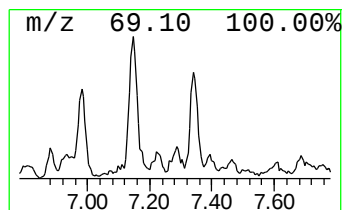
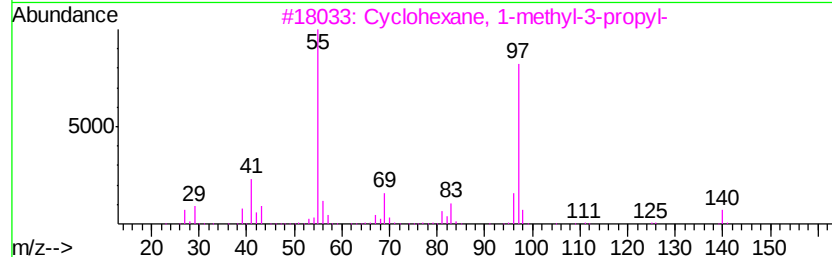
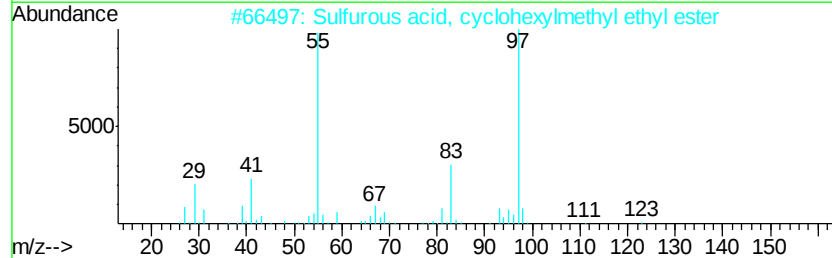
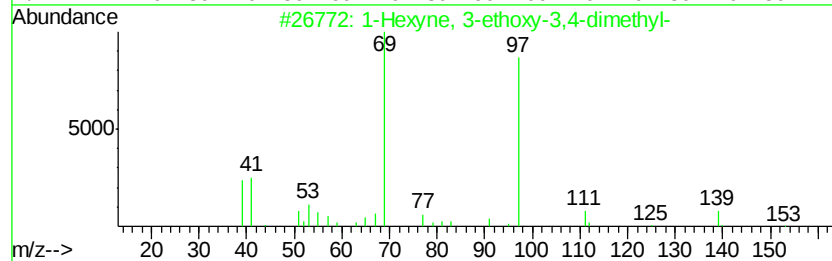
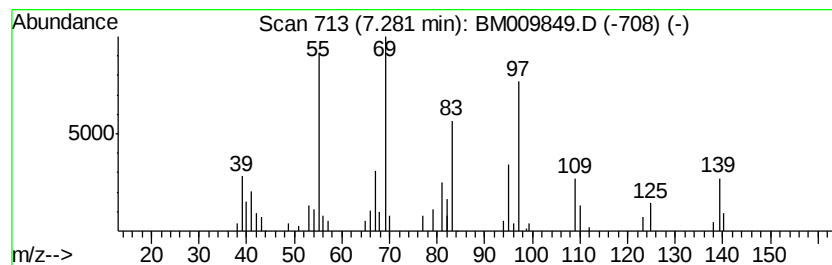
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	3.21 ng/ul	117232	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	43
2		Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	27
3		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	22
4		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	22
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	22



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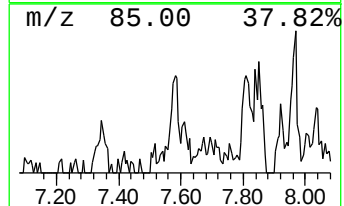
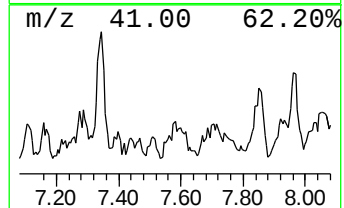
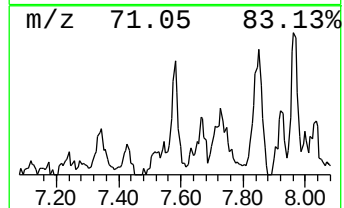
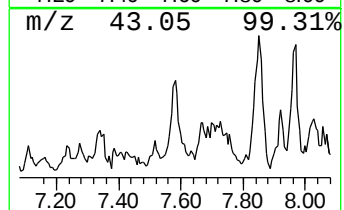
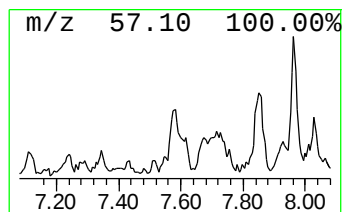
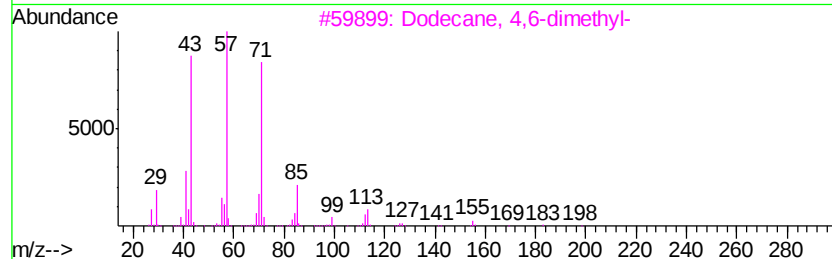
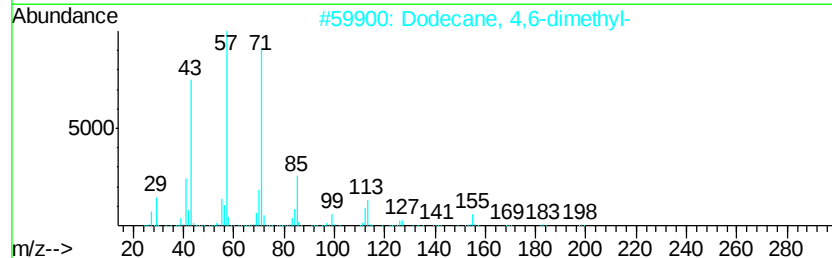
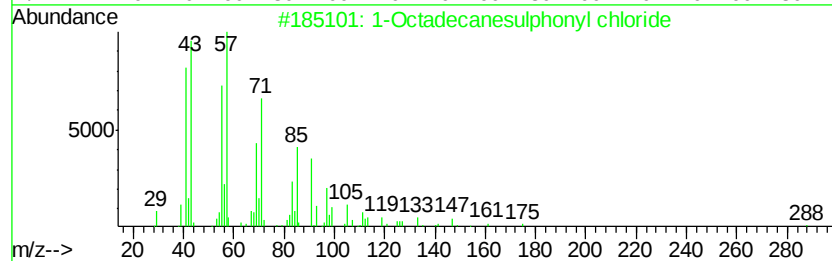
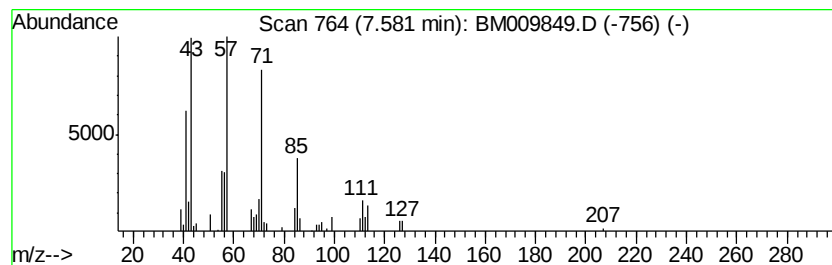
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Octadecanesulphonyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	2.66 ng/ul	97056	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	78
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Tridecane	184	C13H28	000629-50-5	64
5			Dodecane	170	C12H26	000112-40-3	64



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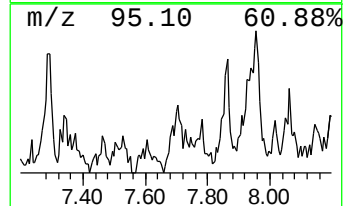
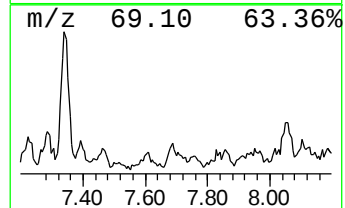
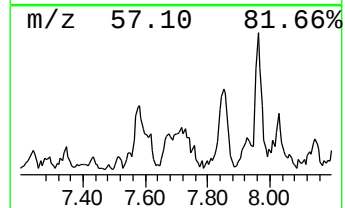
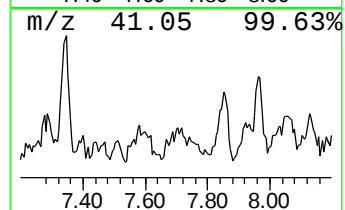
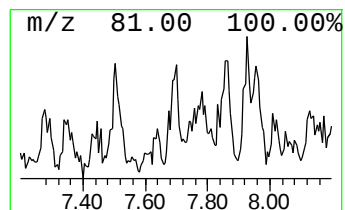
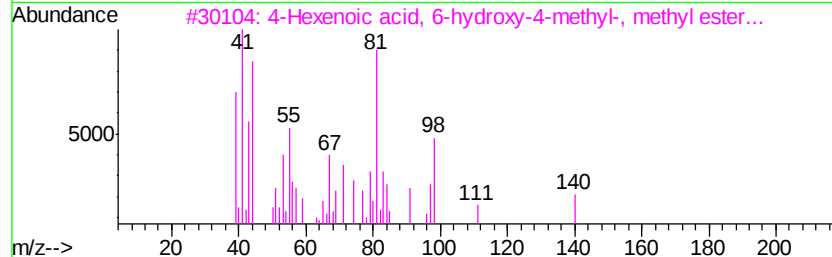
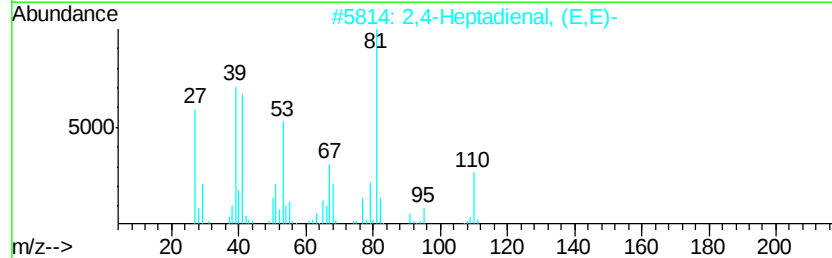
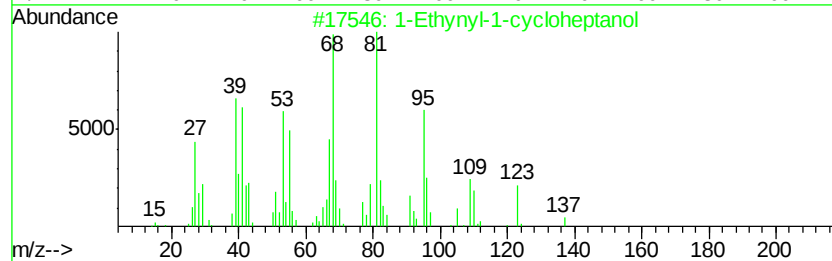
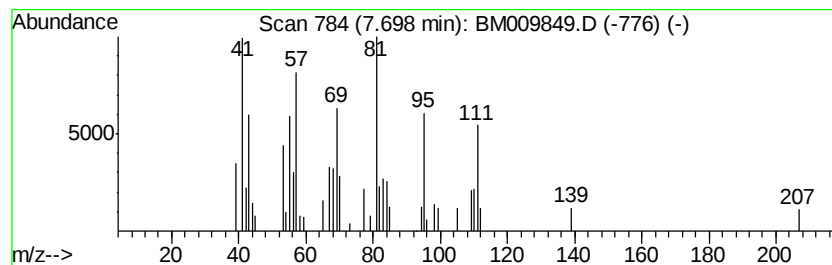
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Ethynyl-1-cycloheptanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.70	3.17 ng/ul	115859	1,4-Dichlorobenzene-d4	7.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethynyl-1-cycloheptanol	138	C9H14O	002809-78-1	59
2		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	50
3		4-Hexenoic acid, 6-hydroxy-4-met...	158	C8H14O3	053585-95-8	50
4		2,5-Heptadiene, (E,E)-	96	C7H12	039619-60-8	43
5		Bicyclo[10.1.0]trideca-4,8-diene...	329	C20H24ClNO	322417-02-7	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
Operator : SJ/MA
Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

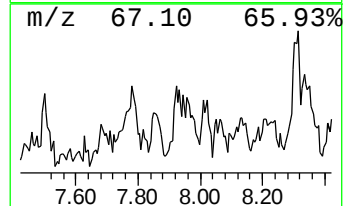
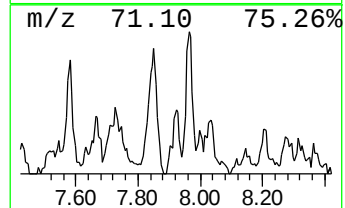
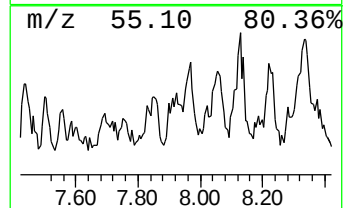
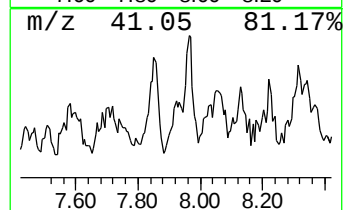
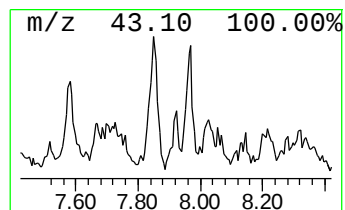
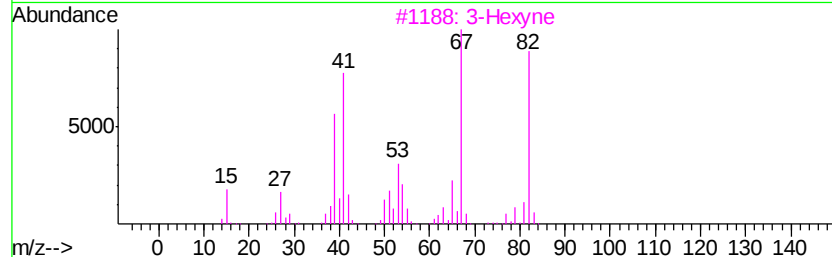
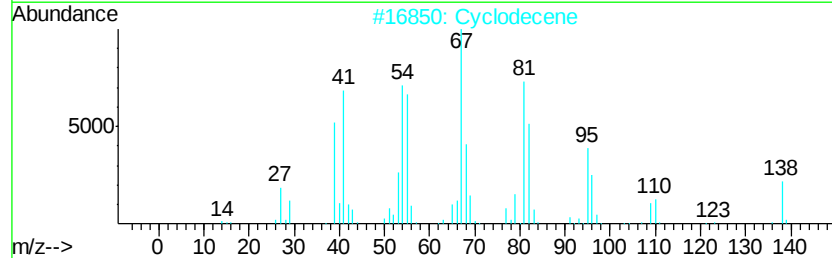
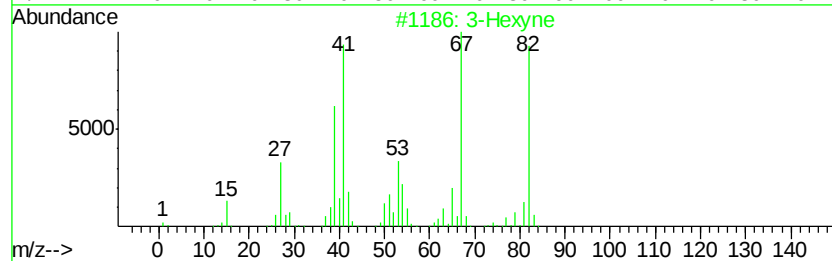
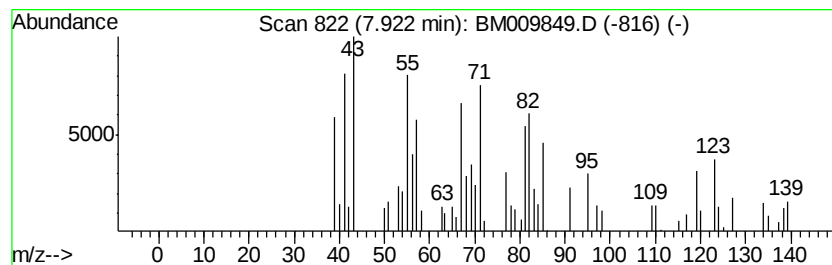
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 3-Hexyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.92	4.06 ng/ul	148260	1,4-Dichlorobenzene-d4	7.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexyne	82	C6H10	000928-49-4	53
2	Cyclodecene	138	C10H18	003618-12-0	25
3	3-Hexyne	82	C6H10	000928-49-4	25
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	25
5	trans-2-Decen-1-ol, pentafluorop...	302	C13H19F5O2	1000352-66-7	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Acq On : 02 May 2017 02:29
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Sample : I2848-18
Misc :
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ClientSampleId :
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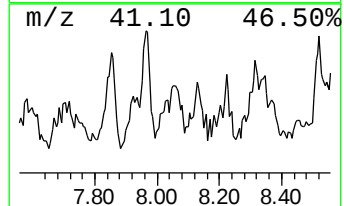
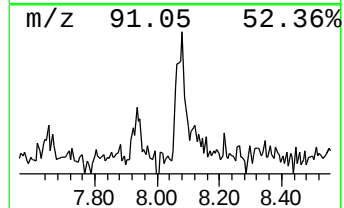
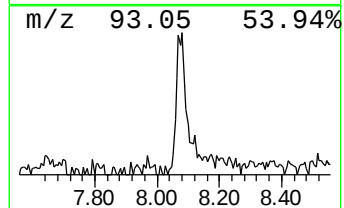
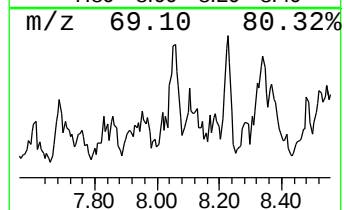
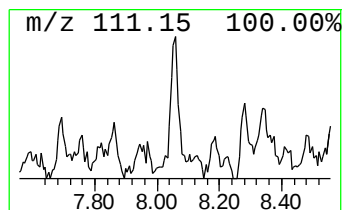
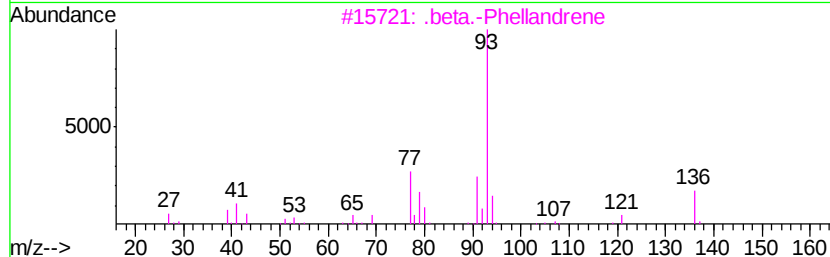
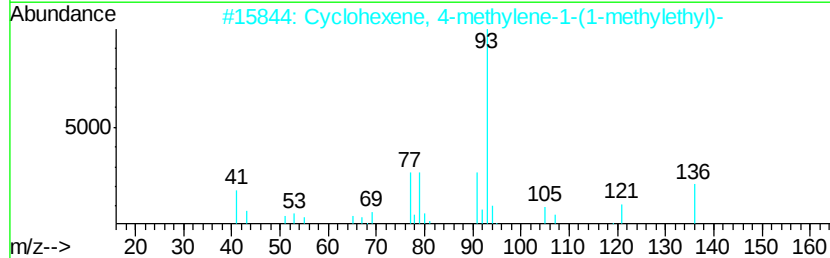
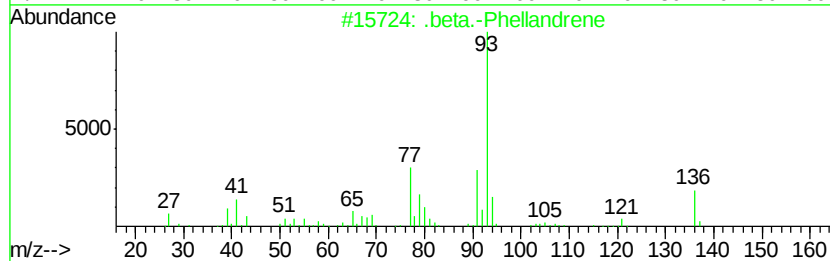
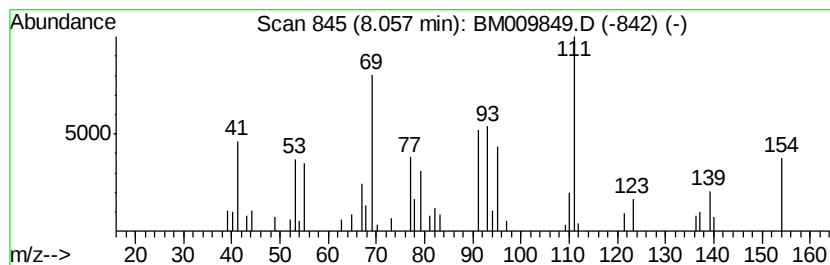
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.42 ng/ul	88347	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Phellandrene	136	C10H16	000555-10-2	38
2		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	38
3		.beta.-Phellandrene	136	C10H16	000555-10-2	38
4		.alpha.-Phellandrene	136	C10H16	000099-83-2	35
5		Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
Operator : SJ/MA
Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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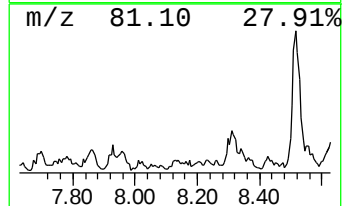
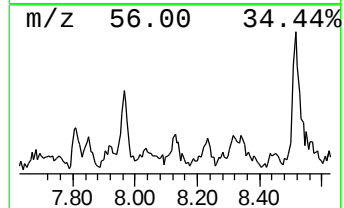
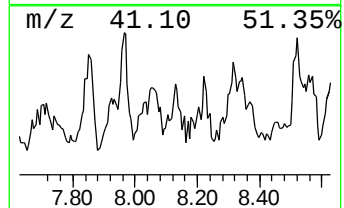
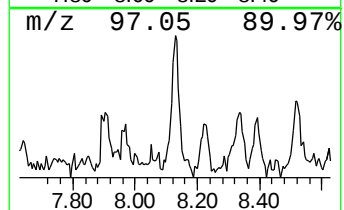
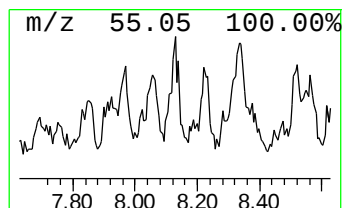
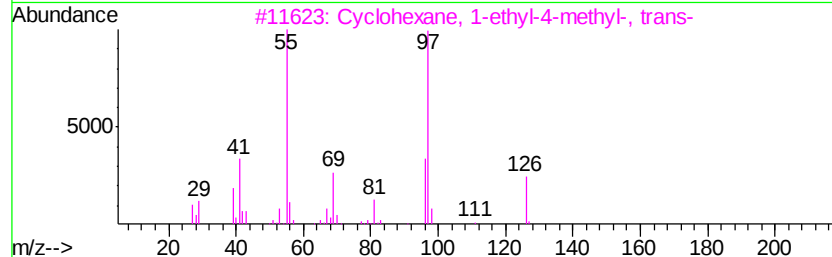
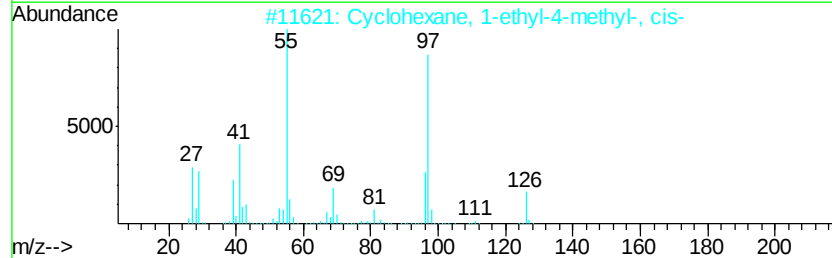
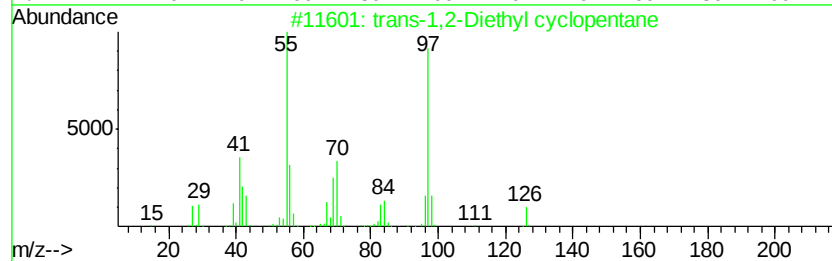
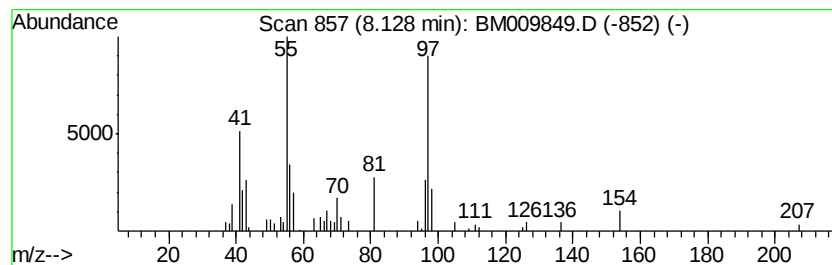
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic8.13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	2.97 ng/ul	108547	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	64
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
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ALS Vial : 18 Sample Multiplier: 1

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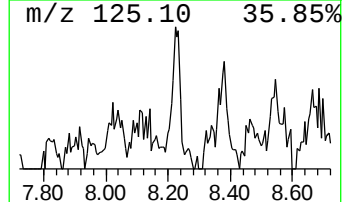
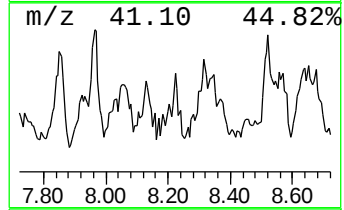
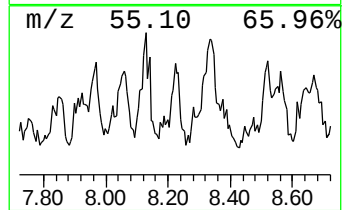
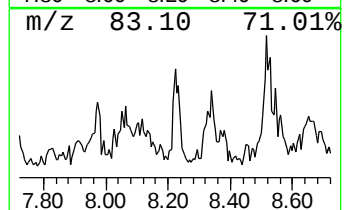
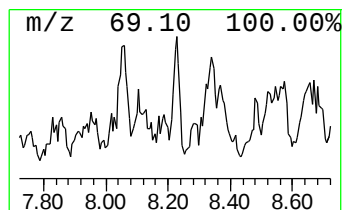
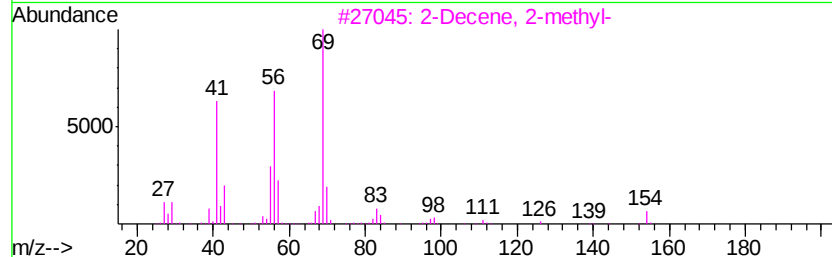
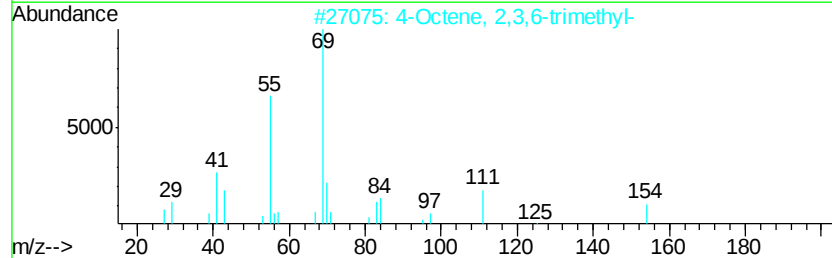
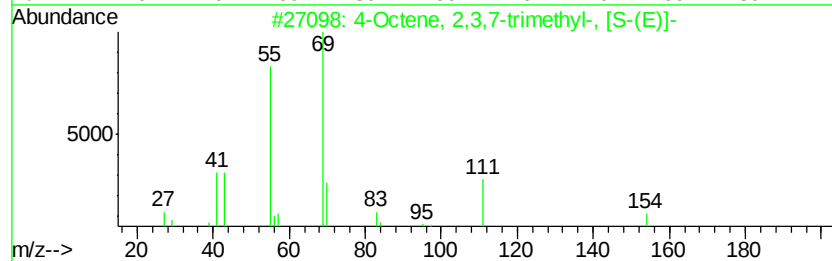
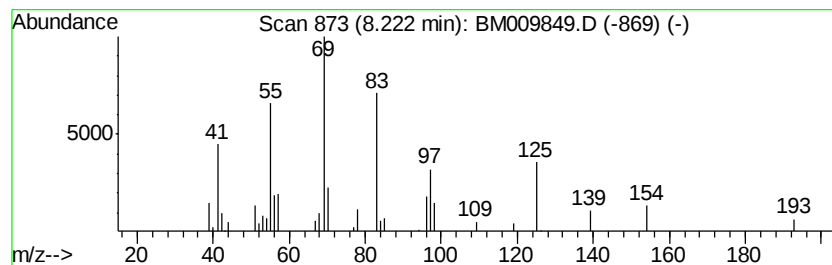
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic8.22 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.57 ng/ul	94025	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	43
2		4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
3		2-Decene, 2-methyl-	154	C11H22	023381-92-2	38
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	30
5		Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
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Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
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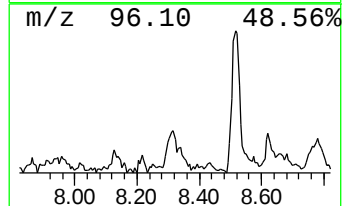
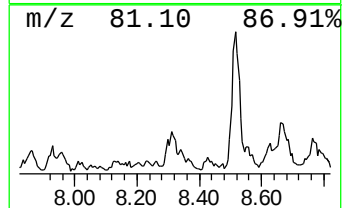
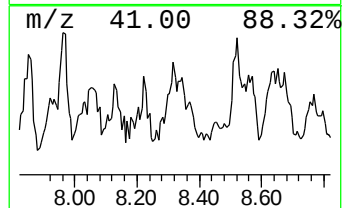
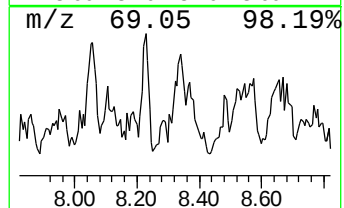
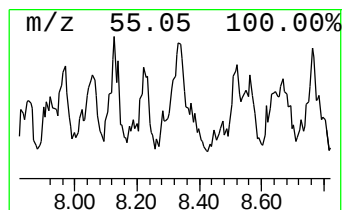
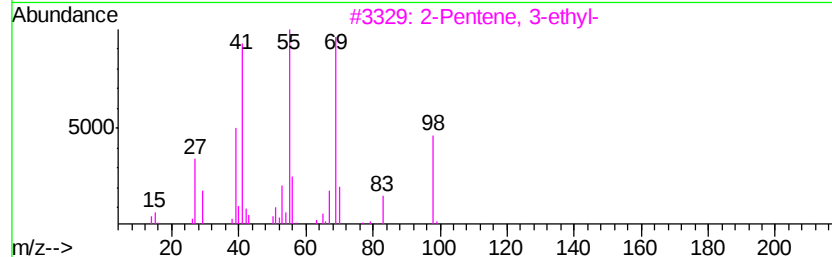
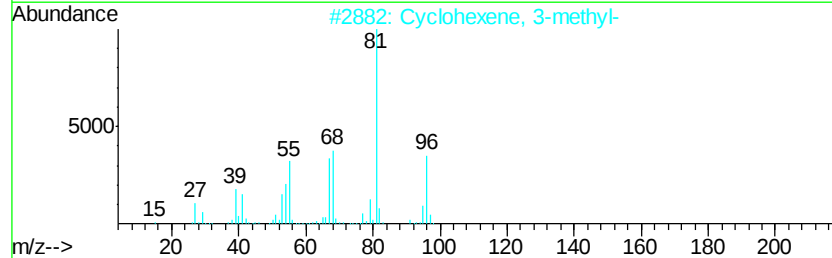
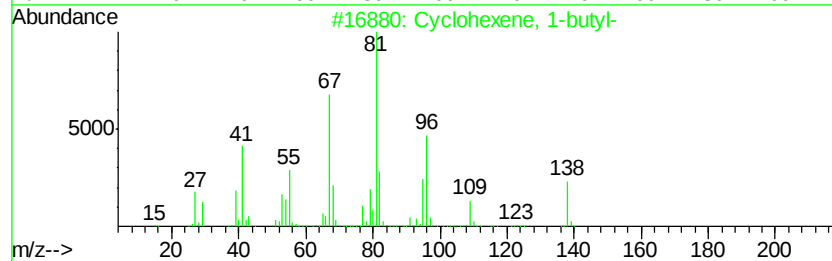
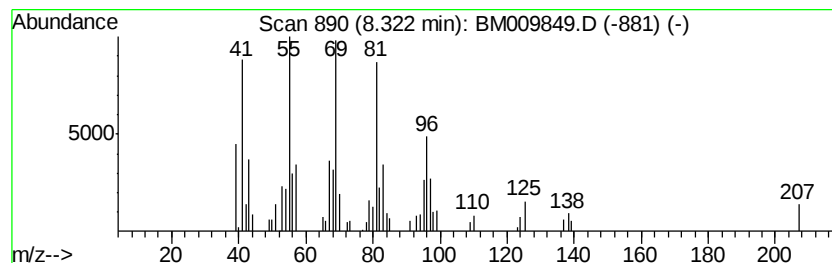
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	3.58 ng/ul	130766	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	43
2			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
3			2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	35
4			Cyclohexene, 3-octyl-	194	C14H26	015232-94-7	35
5			1-Hexadecyne	222	C16H30	000629-74-3	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Sample : I2848-18
Misc :
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Instrument :
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ClientSampled :
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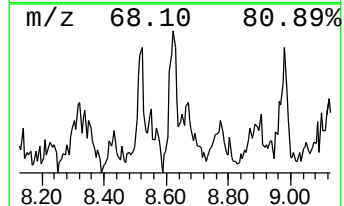
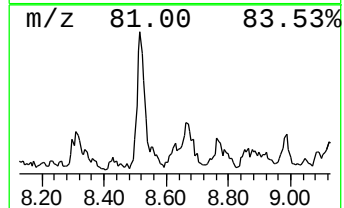
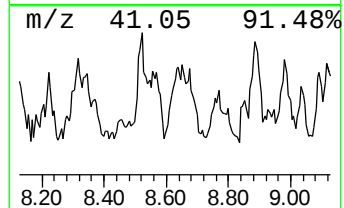
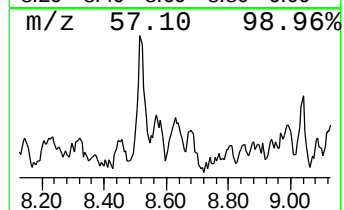
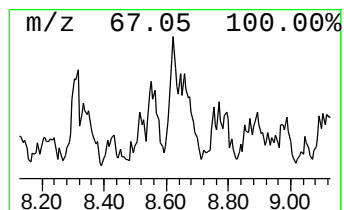
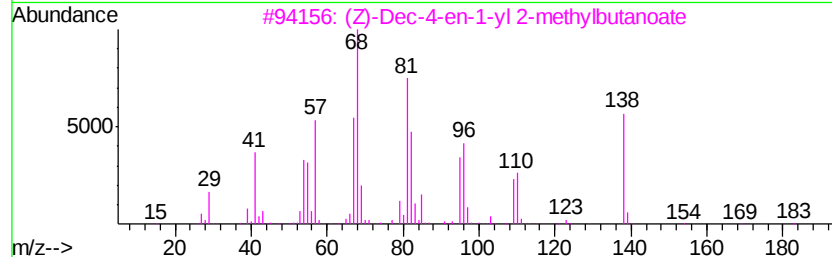
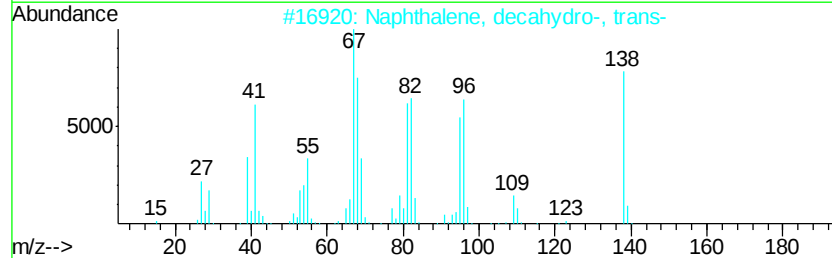
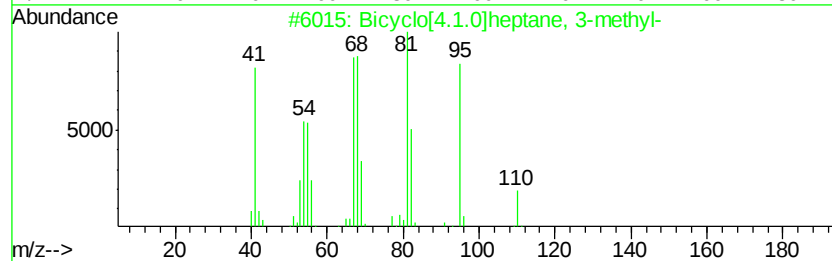
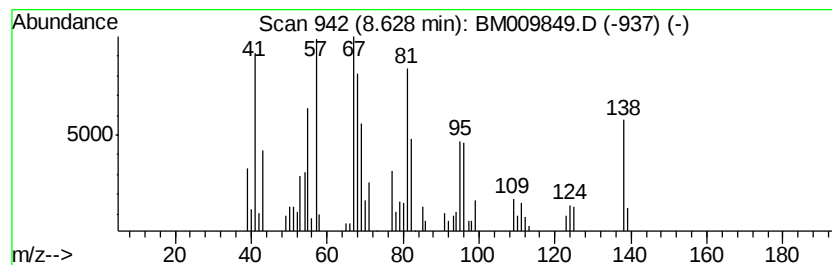
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Bicyclo[4.1.0]heptane, 3-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.94 ng/ul	143896	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	76
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76
3		(Z)-Dec-4-en-1-yl 2-methylbutanoate	240	C15H28O2	1000372-72-3	72
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	72
5		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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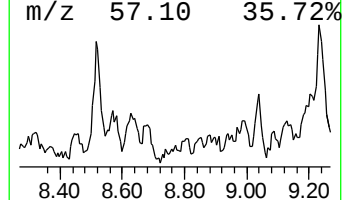
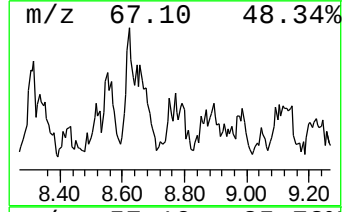
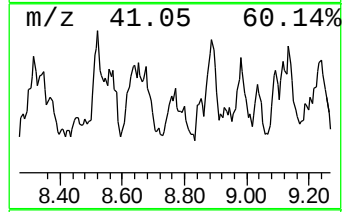
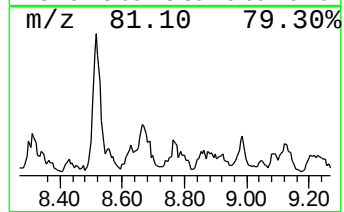
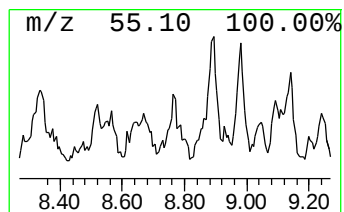
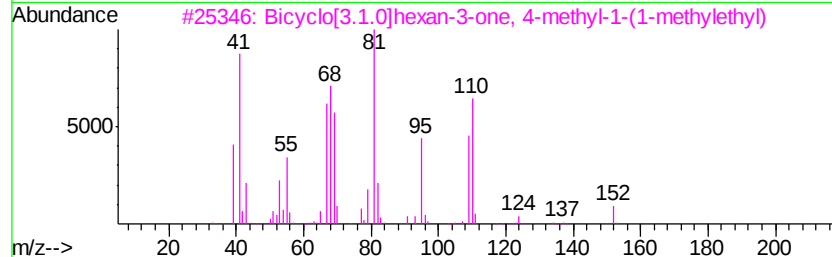
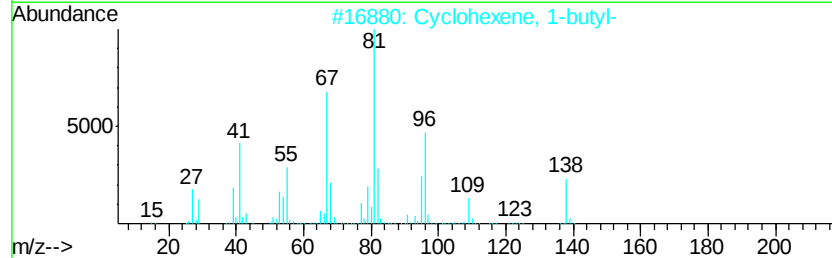
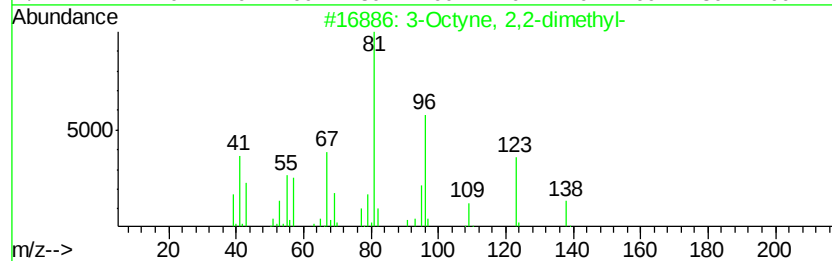
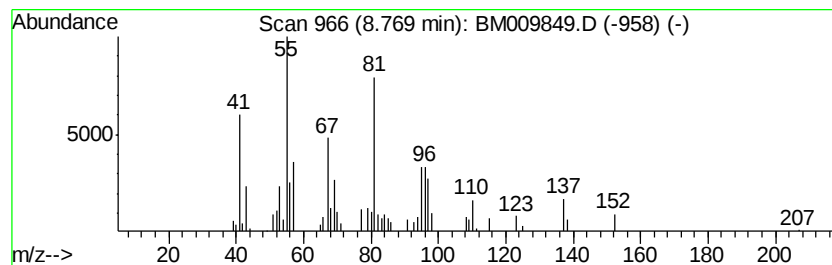
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 3-Octyne, 2,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.77	4.02 ng/ul	146842	1,4-Dichlorobenzene-d4	7.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	58
2		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	58
3		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	52
4		Cyclohexane, methylene-	96	C7H12	001192-37-6	50
5		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
Operator : SJ/MA
Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
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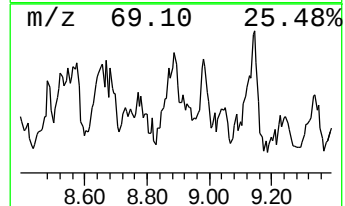
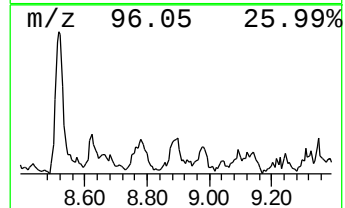
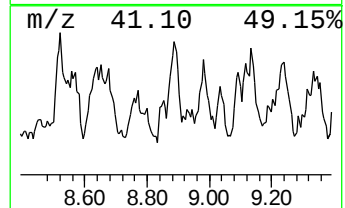
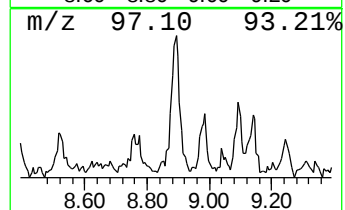
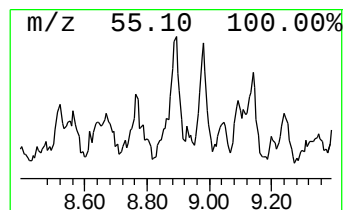
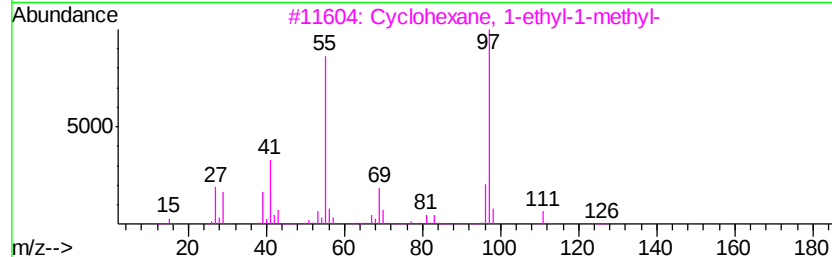
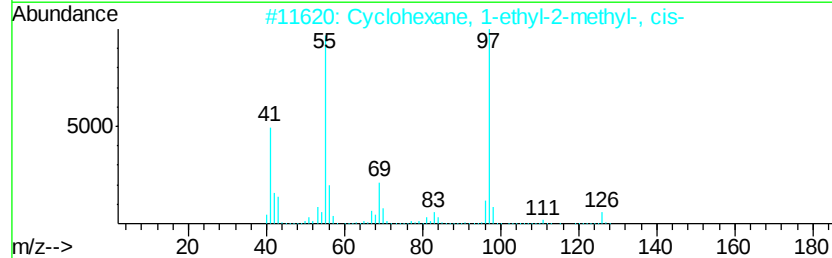
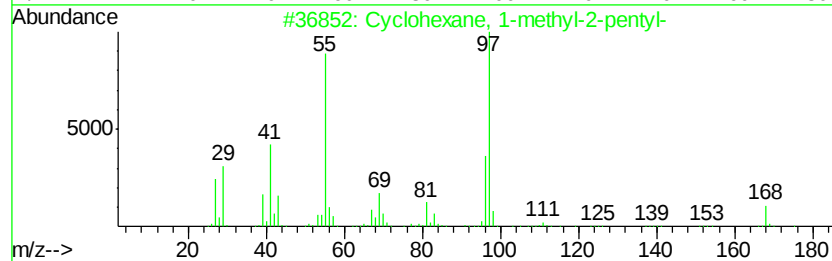
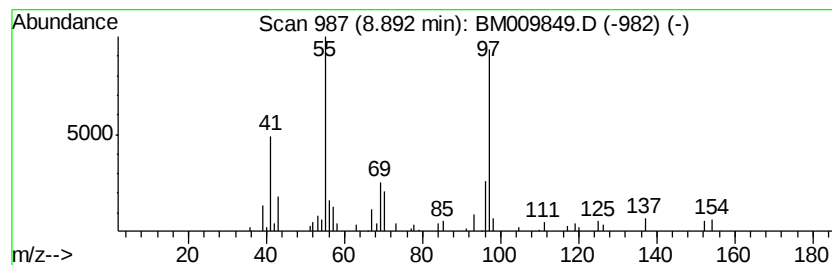
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic8.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	4.68 ng/ul	170999	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	59
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
3			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
Operator : SJ/MA
Sample : I2848-18
Misc :
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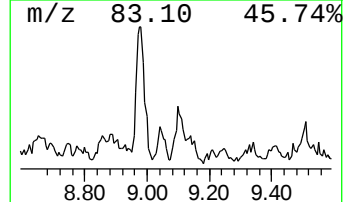
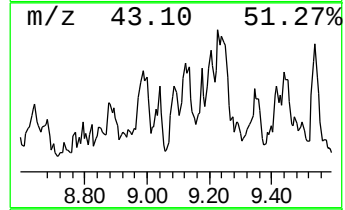
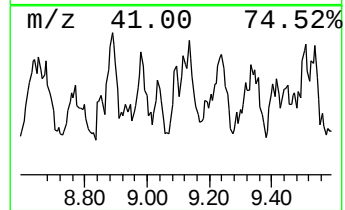
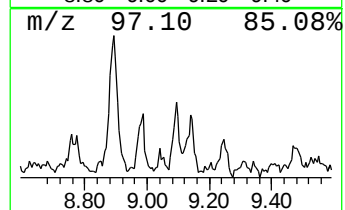
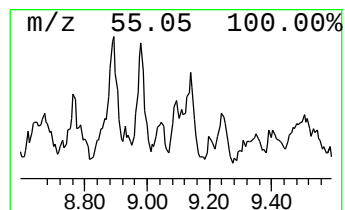
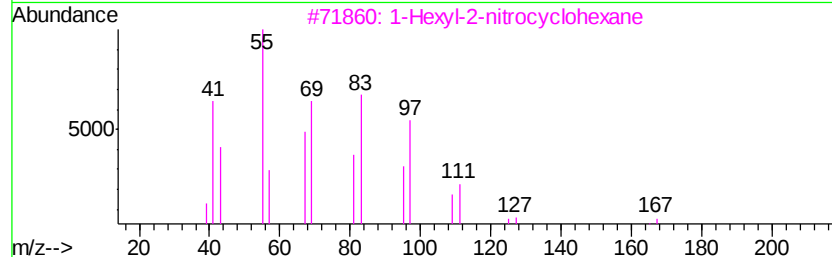
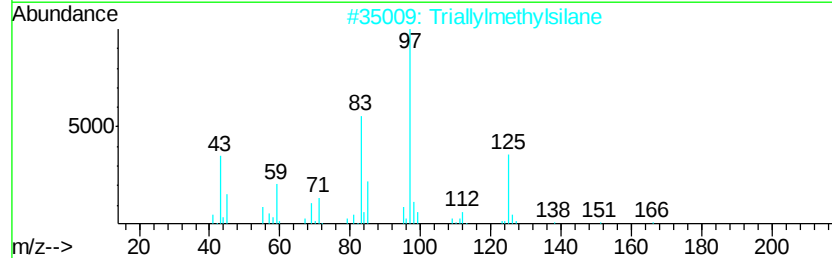
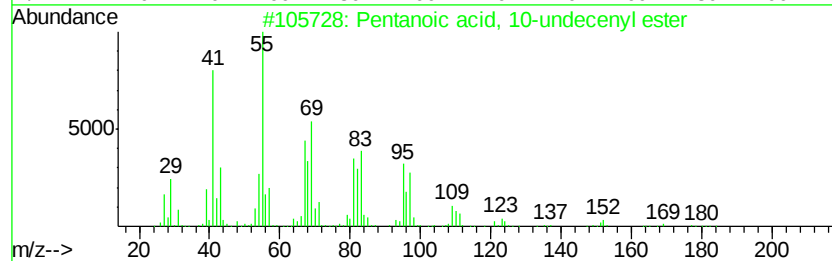
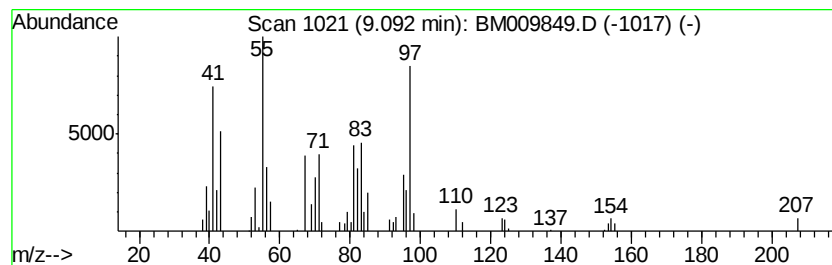
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.83 ng/ul	103331	1,4-Dichlorobenzene-d4	7.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	49
2			Triallylmethylsilane	166	C10H18Si	001112-91-0	47
3			1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	35
4			Cycloheptanemethanol	128	C8H16O	004448-75-3	27
5			17-Octadecynoic acid	280	C18H32O2	034450-18-5	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
Operator : SJ/MA
Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
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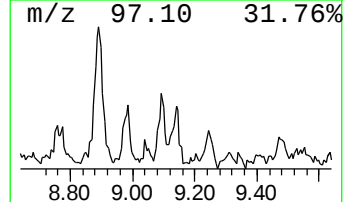
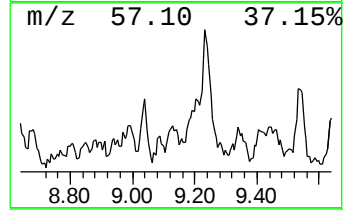
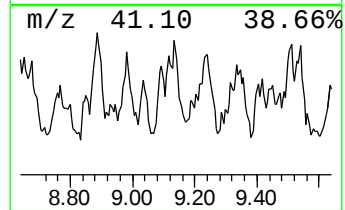
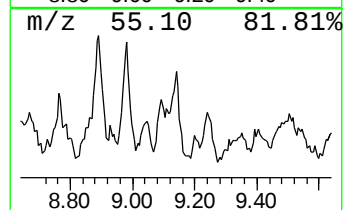
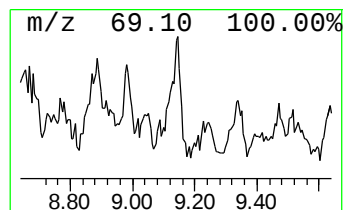
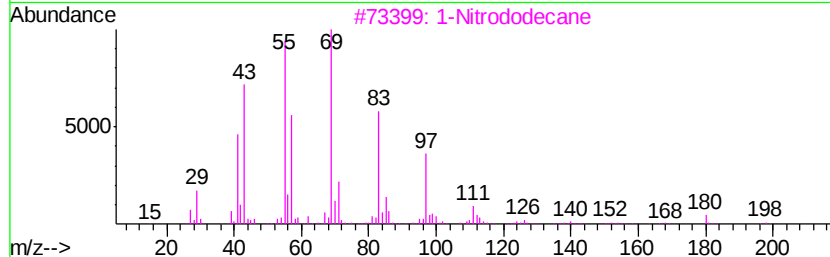
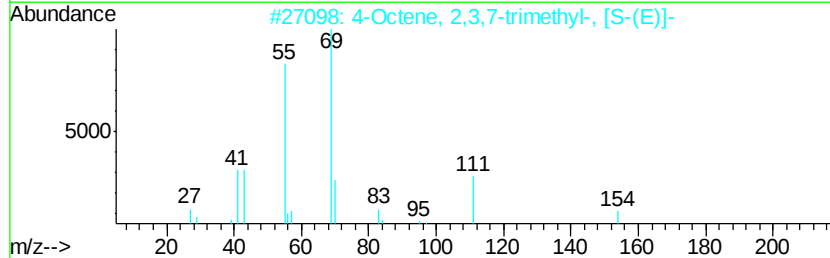
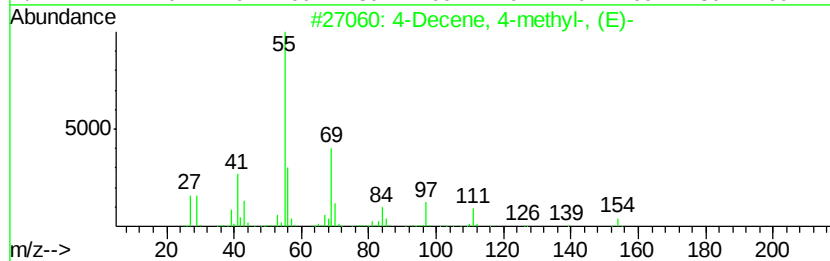
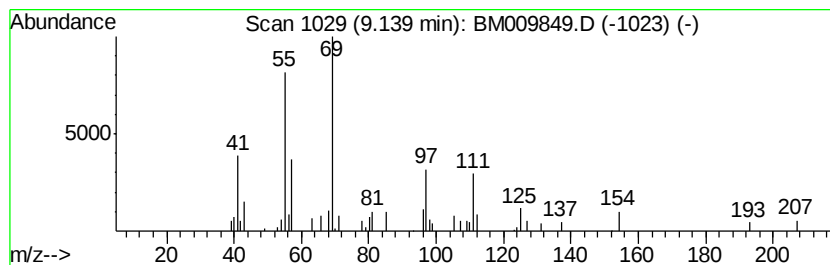
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Cyclic9.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	5.05 ng/ul	184453	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	53
2		4-Octene, 2,3,7-trimethyl-, [S-(...]	154	C11H22	052763-13-0	53
3		1-Nitrododecane	215	C12H25NO2	016891-99-9	42
4		4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	40
5		4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	37



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
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Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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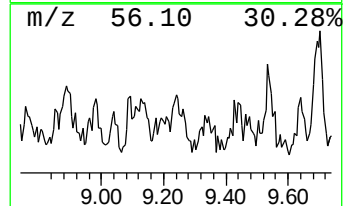
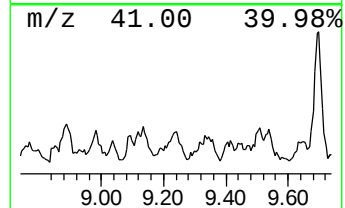
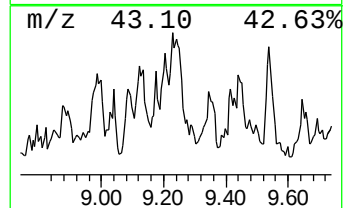
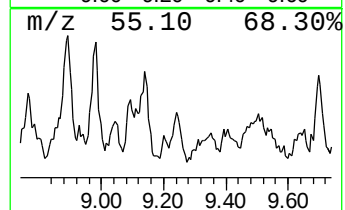
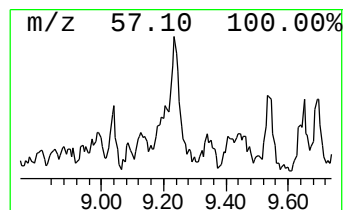
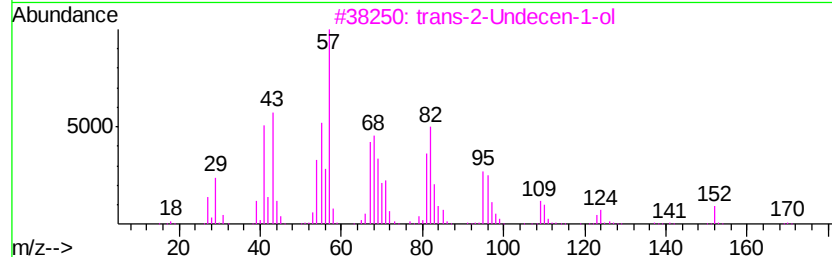
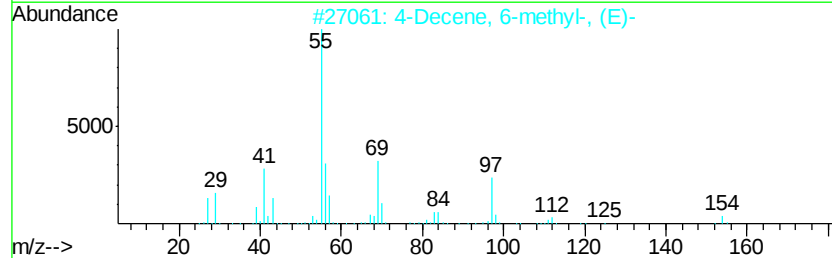
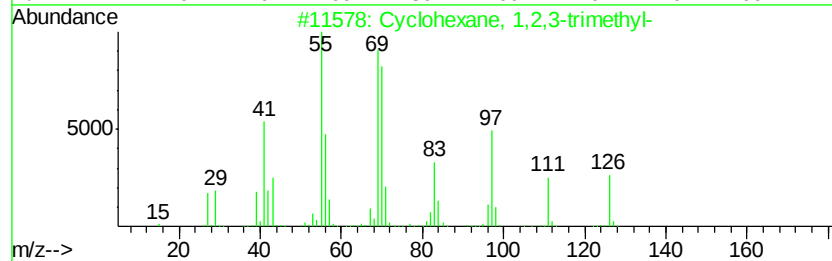
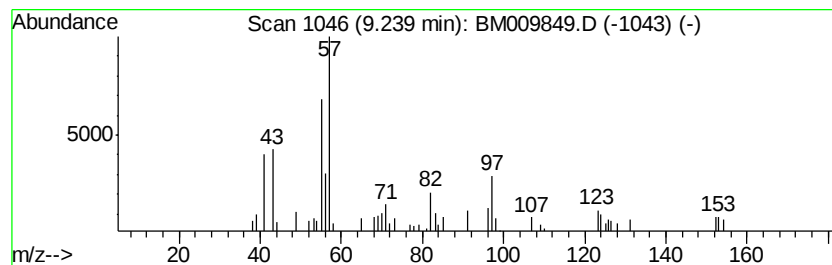
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic9.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.52 ng/ul	143719	Napthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38
2		4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	27
3		trans-2-Undecen-1-ol	170	C11H22O	075039-84-8	27
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	27
5		Tridecanal	198	C13H26O	010486-19-8	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
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Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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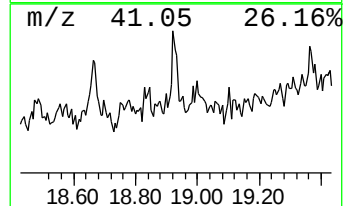
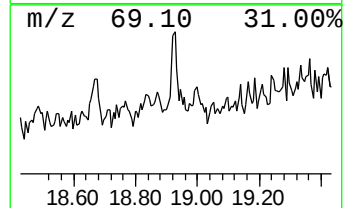
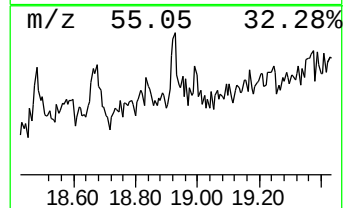
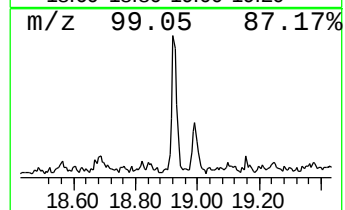
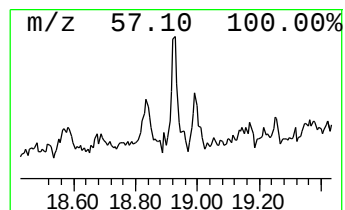
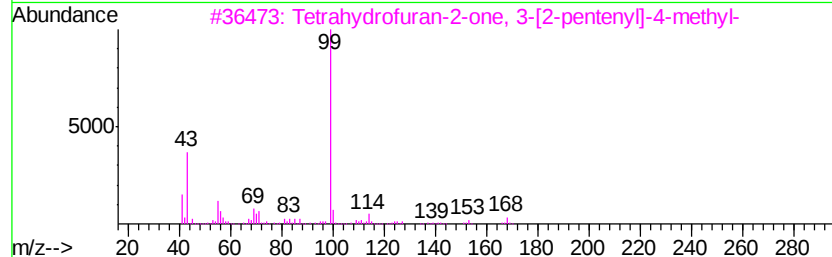
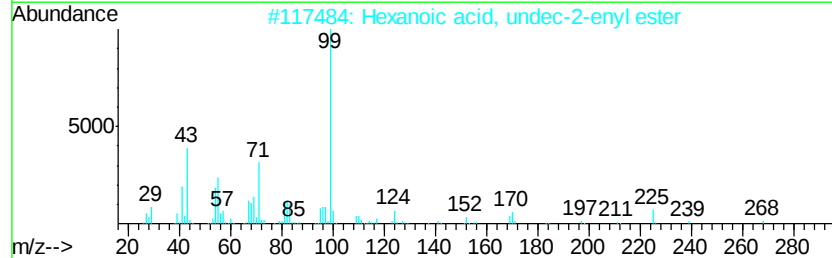
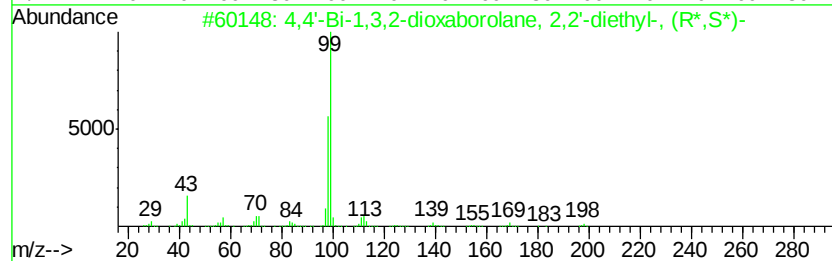
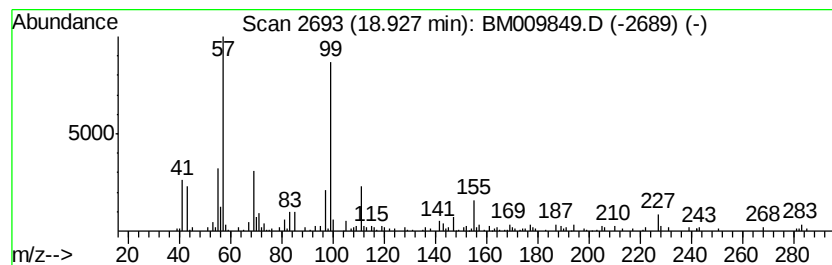
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.16 ng/ul	224802	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Bi-1,3,2-dioxaborolane, 2,2...	198	C8H16B2O4	062337-94-4	43
2			Hexanoic acid, undec-2-enyl ester	268	C17H32O2	1000299-35-9	38
3			Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	38
4			N-(4-Bromo-3-methyl-phenyl)-N'-(...	368	C15H21BrN4O2	1000294-59-4	38
5			1-Methyl-4-[4-aminobenzene]sulfo...	255	C11H17N3O2S	021623-68-7	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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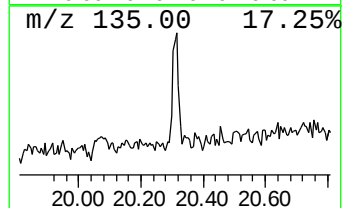
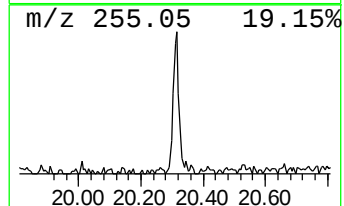
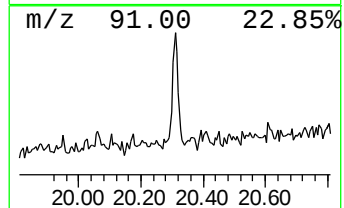
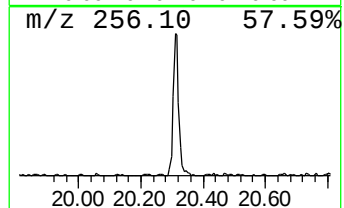
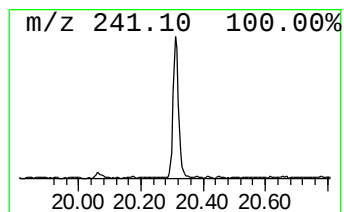
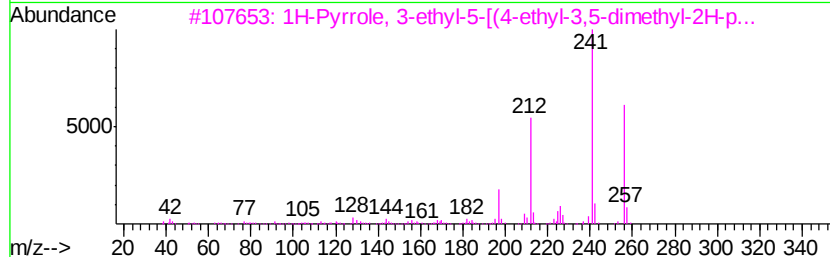
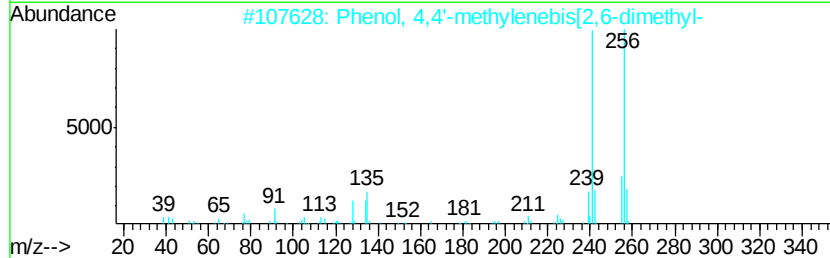
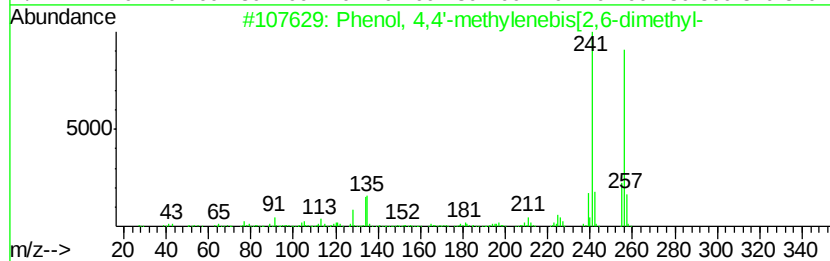
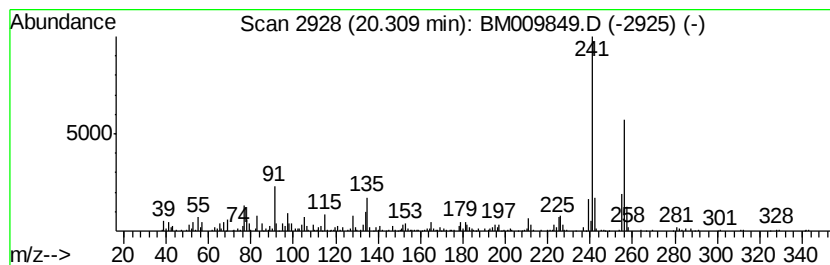
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenol, 4,4'-methylenebis[2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	3.22 ng/ul	486774	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	96
2			Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	76
3			1H-Pyrrole, 3-ethyl-5-[(4-ethyl-...	256	C17H24N2	002407-83-2	62
4			3,5-Dimethyl-1-dimethylphenylsil...	256	C16H20OSi	1000307-90-6	58
5			Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	55



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009849.D
Acq On : 02 May 2017 02:29
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Sample : I2848-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

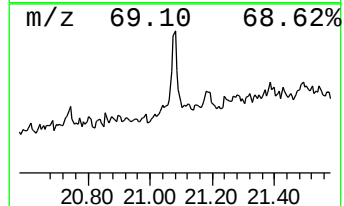
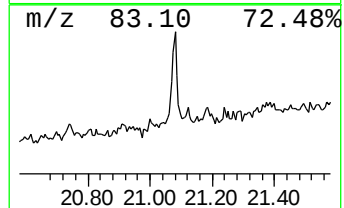
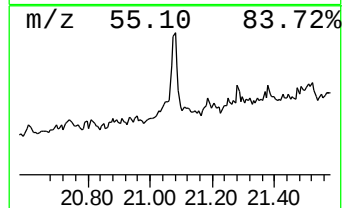
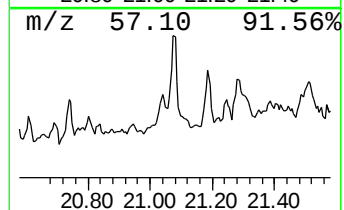
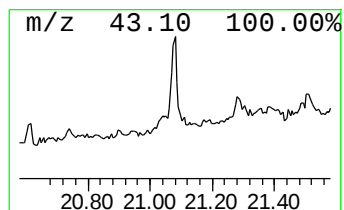
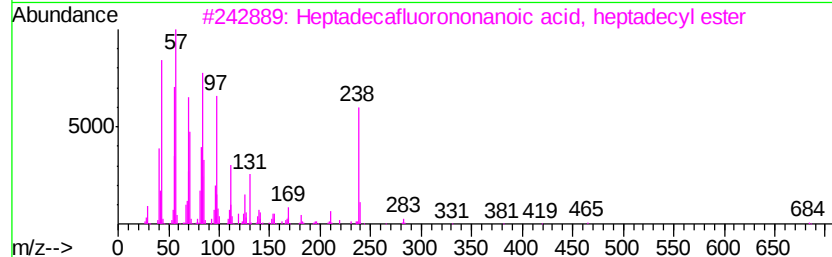
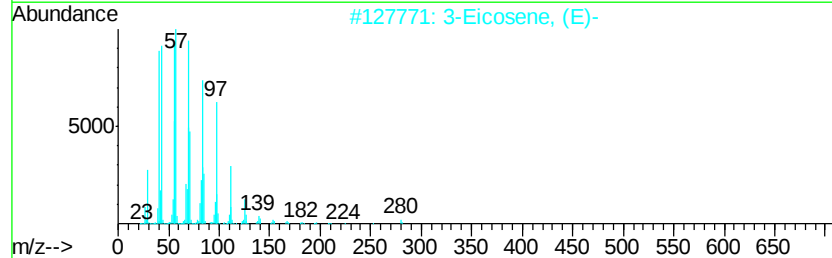
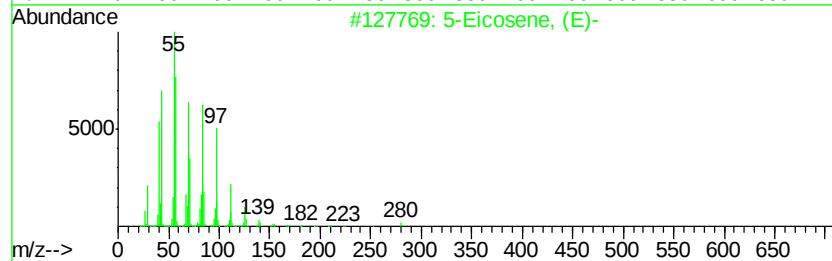
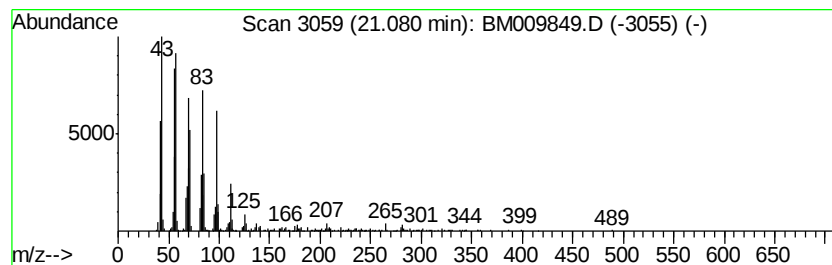
Instrument :
BNA_M
ClientSampleId :
JHT59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic21.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.08	5.01 ng/ul	758608	Chrysene-d12	21.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	94
2	3-Eicosene, (E)-		280	C20H40	074685-33-9	93
3	Heptadecafluorononanoic acid, he...		702	C26H35F17O2	1000356-03-3	83
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	83
5	1-Hexacosanol		382	C26H54O	000506-52-5	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
 Data File : BM009849.D
 Acq On : 02 May 2017 02:29
 Operator : SJ/MA
 Sample : I2848-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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...	6.54	2.0	ng/ul	74111	1	7.81	730354	20.0
unknown-01	7.28	3.2	ng/ul	117232	1	7.81	730354	20.0
1-Octadecanesulph...	7.58	2.7	ng/ul	97056	1	7.81	730354	20.0
1-Ethynyl-1-cyclo...	7.70	3.2	ng/ul	115859	1	7.81	730354	20.0
3-Hexyne	7.92	4.1	ng/ul	148260	1	7.81	730354	20.0
unknown-02	8.06	2.4	ng/ul	88347	1	7.81	730354	20.0
(DEL) Alkane: Cyc...	8.13	3.0	ng/ul	108547	1	7.81	730354	20.0
(DEL) Alkane: Cyc...	8.22	2.6	ng/ul	94025	1	7.81	730354	20.0
unknown-03	8.32	3.6	ng/ul	130766	1	7.81	730354	20.0
Bicyclo[4.1.0]hep...	8.63	3.9	ng/ul	143896	1	7.81	730354	20.0
3-Octyne, 2,2-dim...	8.77	4.0	ng/ul	146842	1	7.81	730354	20.0
(DEL) Alkane: Cyc...	8.89	4.7	ng/ul	170999	1	7.81	730354	20.0
unknown-04	9.09	2.8	ng/ul	103331	1	7.81	730354	20.0
(DEL) Alkane: Cyc...	9.14	5.0	ng/ul	184453	1	7.81	730354	20.0
(DEL) Alkane: Cyc...	9.24	2.5	ng/ul	143719	2	10.60	1138810	20.0
unknown-05	18.93	2.2	ng/ul	224802	4	17.21	2081400	20.0
Phenol, 4,4'-meth...	20.31	3.2	ng/ul	486774	5	21.39	3025760	20.0
(DEL) Alkane: Cyc...	21.08	5.0	ng/ul	758608	5	21.39	3025760	20.0