

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
 Data File : BM018018.D
 Acq On : 08 Dec 2018 14:49
 Operator : JU/SJ
 Sample : J6077-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y41

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	3.069	10	14	22	rVB2	56089	90582	2.44%	0.166%
2	3.387	65	68	74	rVB4	44474	79544	2.14%	0.146%
3	3.752	125	130	139	rVB3	80330	147486	3.97%	0.270%
4	3.852	139	147	150	rBV3	99123	173250	4.66%	0.318%
5	4.005	168	173	178	rBV3	55750	107926	2.90%	0.198%
6	4.063	178	183	187	rVB2	78625	117534	3.16%	0.215%
7	4.140	187	196	197	rBV2	76005	117213	3.15%	0.215%
8	4.169	197	201	211	rVB	304591	491778	13.23%	0.901%
9	4.557	261	267	272	rBV2	41771	91876	2.47%	0.168%
10	4.687	285	289	294	rVV4	41679	71361	1.92%	0.131%
11	4.746	294	299	305	rVV2	248757	386801	10.40%	0.709%
12	4.804	305	309	313	rVV2	55126	92275	2.48%	0.169%
13	4.846	313	316	325	rVB7	36626	74309	2.00%	0.136%
14	5.046	344	350	352	rBV4	59539	109892	2.96%	0.201%
15	5.110	358	361	366	rVB	84307	113276	3.05%	0.208%
16	5.175	368	372	377	rVB	90897	125867	3.38%	0.231%
17	5.240	377	383	396	rVB	148411	372204	10.01%	0.682%
18	5.381	403	407	414	rVB7	37733	76362	2.05%	0.140%
19	5.469	414	422	428	rBV	141043	272727	7.33%	0.500%
20	5.534	428	433	437	rBV3	45550	77597	2.09%	0.142%
21	5.599	438	444	450	rVB2	547470	823682	22.15%	1.510%
22	5.681	451	458	462	rVB3	38382	71364	1.92%	0.131%
23	6.069	516	524	529	rBV5	58111	151408	4.07%	0.278%
24	6.122	529	533	538	rVV	82777	115522	3.11%	0.212%
25	6.198	538	546	556	rVB4	94401	242371	6.52%	0.444%
26	6.546	601	605	611	rVB2	115380	168806	4.54%	0.309%
27	6.604	611	615	619	rBV2	58170	75643	2.03%	0.139%
28	6.651	619	623	627	rBV	170091	258491	6.95%	0.474%
29	6.710	629	633	635	rVV	102311	144160	3.88%	0.264%
30	6.745	635	639	656	rVB2	550980	1248743	33.58%	2.289%
31	6.904	656	666	671	rBV	470300	802558	21.58%	1.471%
32	7.034	684	688	692	rBV2	151875	198633	5.34%	0.364%
33	7.093	692	698	706	rVB	635141	1043973	28.07%	1.913%
34	7.169	706	711	715	rBV	521070	801317	21.55%	1.469%

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35	7.257	722	726	731	rVB3	47361	78858	2.12%	0.145%
36	7.522	766	771	772	rBV	91391	122000	3.28%	0.224%
37	7.551	772	776	790	rVB	744895	1295584	34.84%	2.375%
38	7.663	790	795	802	rBV2	106018	213359	5.74%	0.391%
39	7.822	814	822	831	rBV5	65807	201664	5.42%	0.370%
40	7.916	834	838	845	rVB	53787	74514	2.00%	0.137%
41	8.087	861	867	871	rVB3	81903	165460	4.45%	0.303%
42	8.181	877	883	889	rBV3	156748	312353	8.40%	0.573%
43	8.263	892	897	907	rVV	651615	1205426	32.42%	2.209%
44	8.351	907	912	916	rVB5	38974	81163	2.18%	0.149%
45	8.487	931	935	940	rBV	52842	87861	2.36%	0.161%
46	8.540	940	944	950	rVB	70619	119005	3.20%	0.218%
47	8.634	950	960	966	rBV2	239620	498497	13.41%	0.914%
48	8.710	967	973	977	rVV2	627041	1098239	29.53%	2.013%
49	8.757	977	981	990	rVB	609448	876006	23.56%	1.606%
50	8.834	990	994	998	rBV4	47380	77897	2.09%	0.143%
51	8.881	998	1002	1008	rVB6	52188	105472	2.84%	0.193%
52	8.969	1012	1017	1023	rBV3	49786	110748	2.98%	0.203%
53	9.169	1046	1051	1055	rVV3	50123	80599	2.17%	0.148%
54	9.222	1055	1060	1067	rVB2	86534	157634	4.24%	0.289%
55	9.422	1084	1094	1104	rBV	475212	1014550	27.28%	1.860%
56	9.575	1116	1120	1132	rVB3	109879	253633	6.82%	0.465%
57	9.675	1132	1137	1140	rBV3	45193	80246	2.16%	0.147%
58	9.722	1140	1145	1154	rVV4	184008	406533	10.93%	0.745%
59	9.951	1179	1184	1192	rVV	621364	1081255	29.08%	1.982%
60	10.175	1217	1222	1227	rBV5	113680	193385	5.20%	0.354%
61	10.316	1236	1246	1252	rBV2	955036	2354515	63.32%	4.316%
62	10.369	1252	1255	1262	rVB2	171661	284653	7.66%	0.522%
63	10.428	1262	1265	1268	rBV2	65158	93793	2.52%	0.172%
64	10.475	1268	1273	1280	rBV	551604	942059	25.33%	1.727%
65	11.228	1396	1401	1408	rVB3	58604	101083	2.72%	0.185%
66	11.333	1415	1419	1424	rBV3	56897	96633	2.60%	0.177%
67	11.416	1430	1433	1440	rVB2	44921	80162	2.16%	0.147%
68	11.745	1485	1489	1496	rVB	226711	330923	8.90%	0.607%
69	11.992	1526	1531	1539	rVB	169170	300003	8.07%	0.550%
70	12.216	1561	1569	1579	rBV	102928	219426	5.90%	0.402%
71	12.722	1650	1655	1661	rVV2	41402	67143	1.81%	0.123%

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72	13.016	1695	1705	1712	rBV	157249	272280	7.32%	0.499%
73	13.222	1736	1740	1755	rVB	40780	111343	2.99%	0.204%
74	13.369	1757	1765	1773	rBV4	46173	132303	3.56%	0.242%
75	13.516	1784	1790	1796	rBV2	65033	125299	3.37%	0.230%
76	13.574	1796	1800	1803	rBV	55451	78227	2.10%	0.143%
77	13.622	1803	1808	1813	rVV	1143386	1676966	45.10%	3.074%
78	13.674	1813	1817	1823	rVB	200795	333361	8.96%	0.611%
79	13.892	1847	1854	1865	rBV	1459474	2165275	58.23%	3.969%
80	14.110	1885	1891	1896	rBV	147123	200729	5.40%	0.368%
81	14.204	1900	1907	1914	rVV2	1280459	2001906	53.84%	3.669%
82	14.451	1938	1949	1963	rBV3	196149	628050	16.89%	1.151%
83	15.069	2050	2054	2059	rVB	112851	134482	3.62%	0.246%
84	15.204	2071	2077	2084	rVV	1812487	2592474	69.72%	4.752%
85	15.345	2096	2101	2112	rVV	442424	734858	19.76%	1.347%
86	15.933	2197	2201	2210	rBV	85753	148347	3.99%	0.272%
87	16.962	2369	2376	2381	rBV2	1501156	2224847	59.83%	4.078%
88	17.057	2386	2392	2404	rVB2	1763361	2738442	73.64%	5.019%
89	17.868	2524	2530	2542	rBV2	176544	350741	9.43%	0.643%
90	19.162	2746	2750	2760	rBV3	70291	114526	3.08%	0.210%
91	19.309	2771	2775	2779	rBV	334293	382571	10.29%	0.701%
92	19.368	2779	2785	2793	rVV	2269472	3146236	84.61%	5.767%
93	20.368	2951	2955	2960	rBV	249929	257335	6.92%	0.472%
94	20.898	3041	3045	3052	rBV2	170996	236161	6.35%	0.433%
95	21.174	3087	3092	3104	rBV	1894144	2656989	71.45%	4.870%
96	21.333	3117	3119	3125	rVB2	93208	90689	2.44%	0.166%
97	21.756	3189	3191	3195	rVB2	95149	101757	2.74%	0.187%
98	22.209	3265	3268	3272	rVB	165185	199528	5.37%	0.366%
99	23.209	3432	3438	3451	rVB	1929177	3718521	100.00%	6.816%
100	23.350	3456	3462	3474	rVB2	1468381	2806264	75.47%	5.144%

Sum of corrected areas: 54559372

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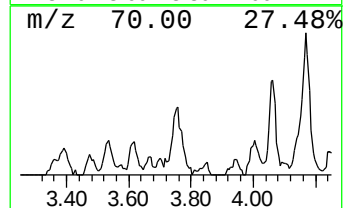
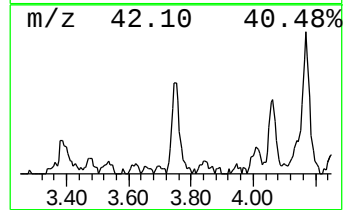
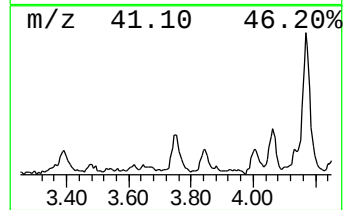
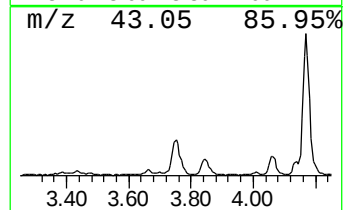
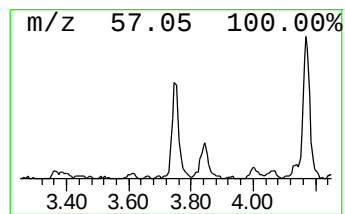
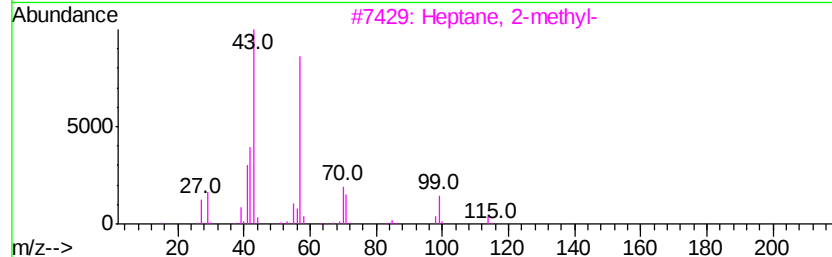
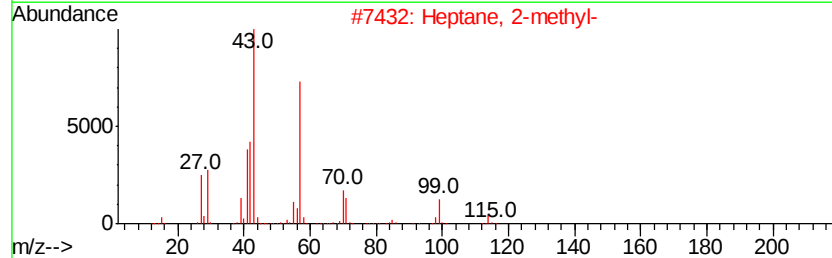
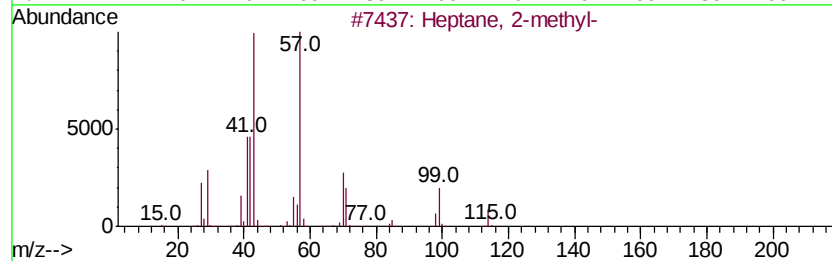
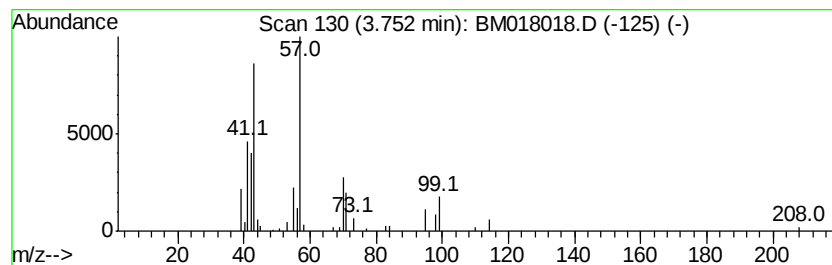
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	2.28 ng/ul	147486	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3		Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	68
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59



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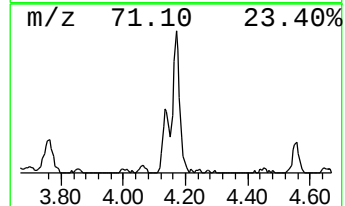
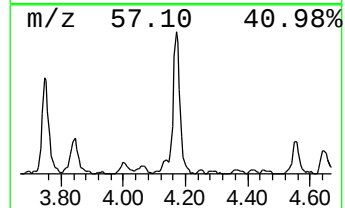
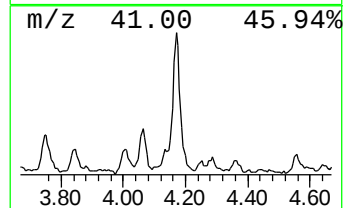
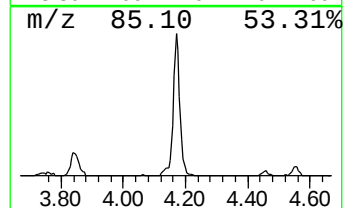
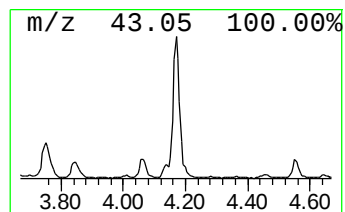
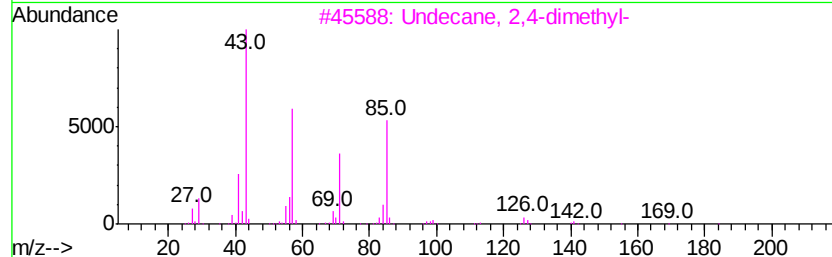
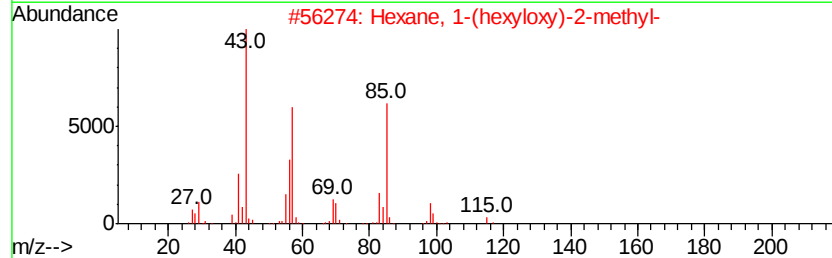
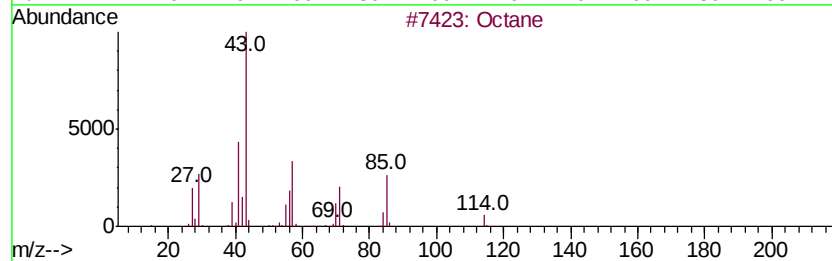
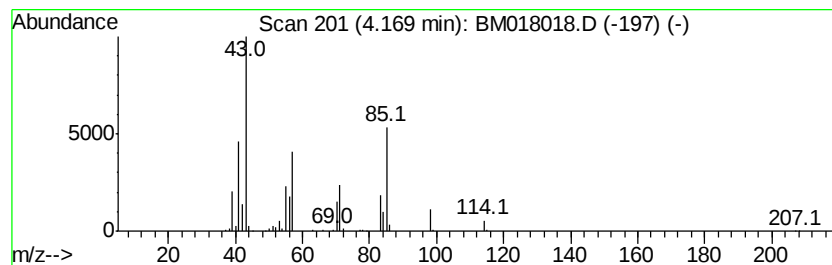
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	7.59 ng/ul	491778	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	70
2		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50



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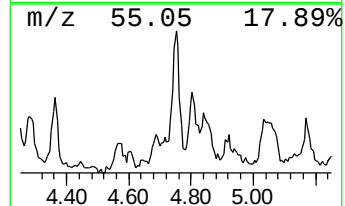
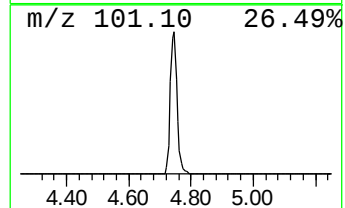
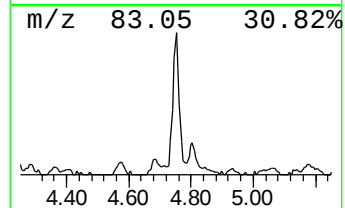
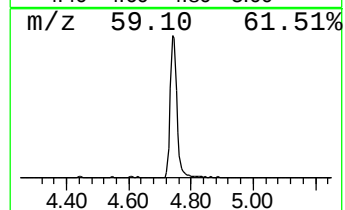
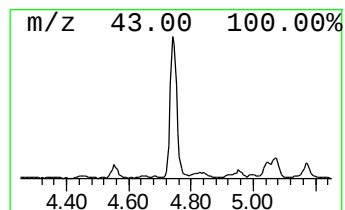
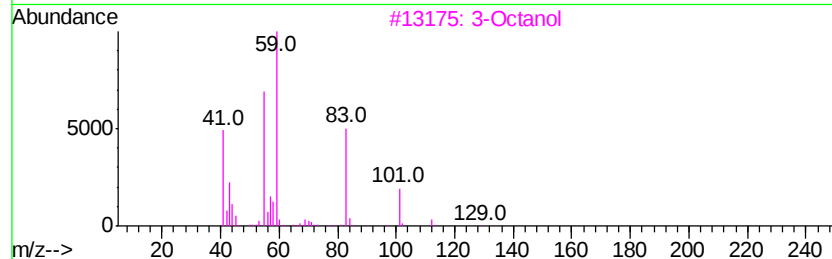
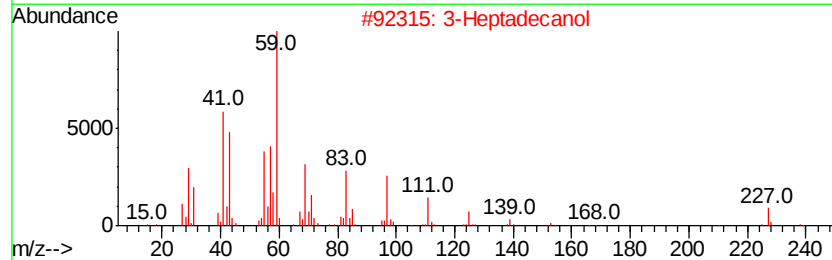
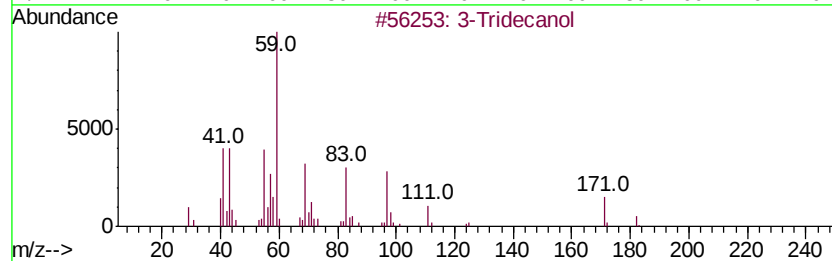
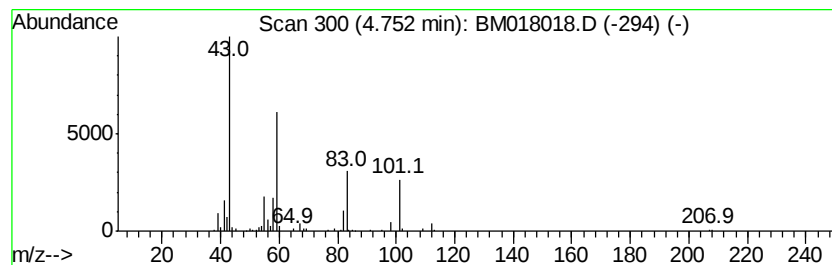
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Tridecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	5.97 ng/ul	386801	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Tridecanol	200	C13H28O	010289-68-6	25
2		3-Heptadecanol	256	C17H36O	084534-30-5	23
3		3-Octanol	130	C8H18O	020296-29-1	23
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	22
5		1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	17



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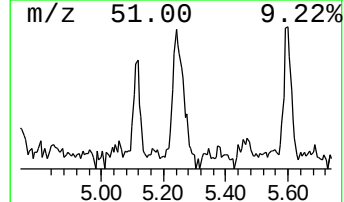
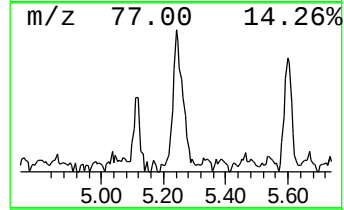
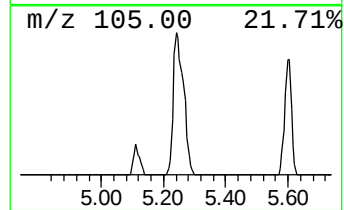
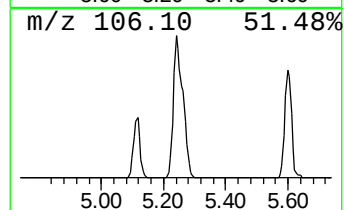
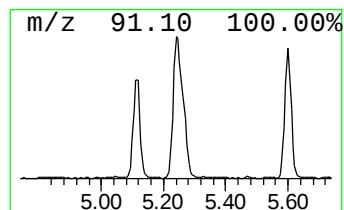
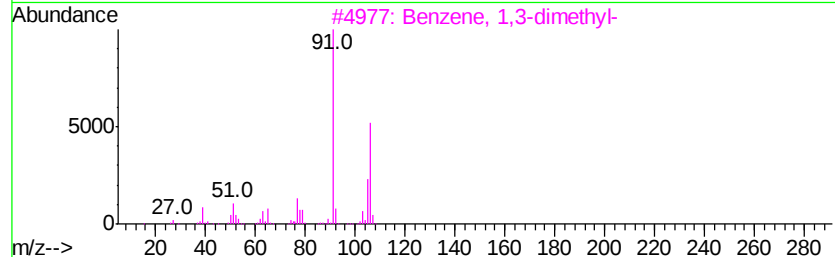
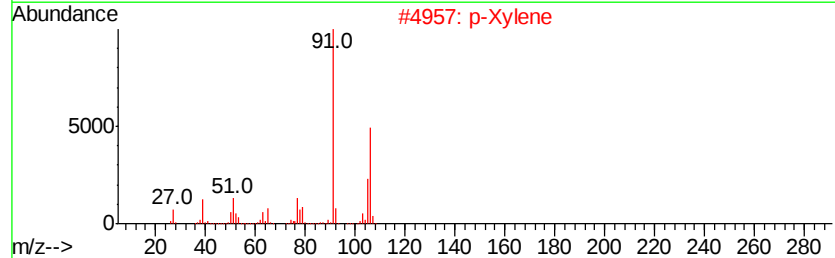
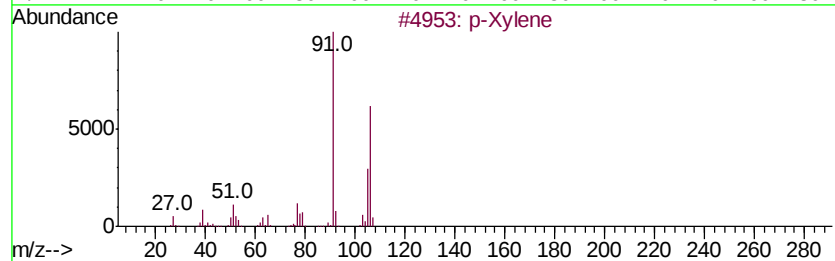
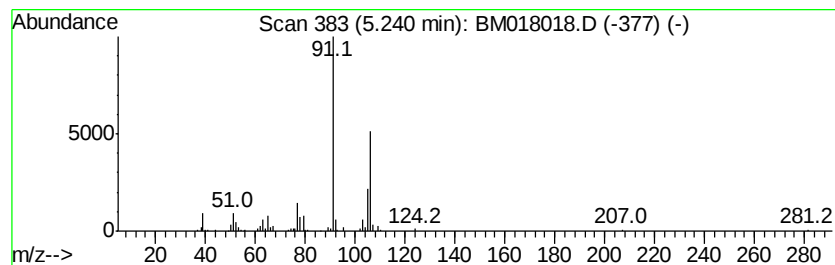
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	5.75 ng/ul	372204	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Xylene	106	C8H10	000106-42-3	95
2		p-Xylene	106	C8H10	000106-42-3	95
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4		p-Xylene	106	C8H10	000106-42-3	93
5		o-Xylene	106	C8H10	000095-47-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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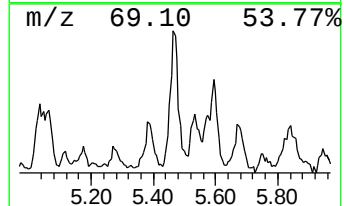
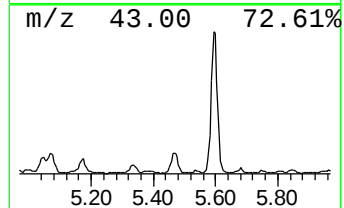
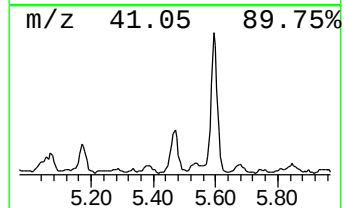
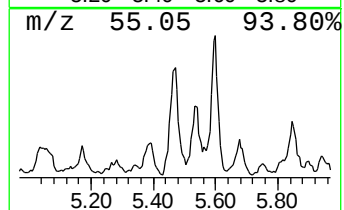
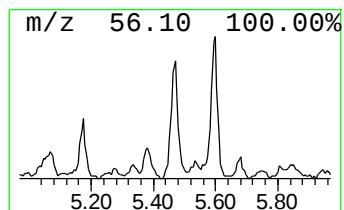
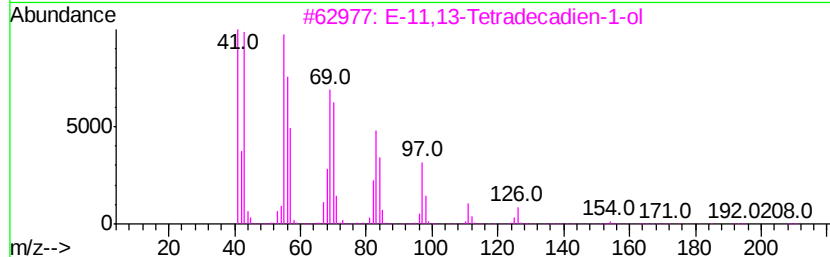
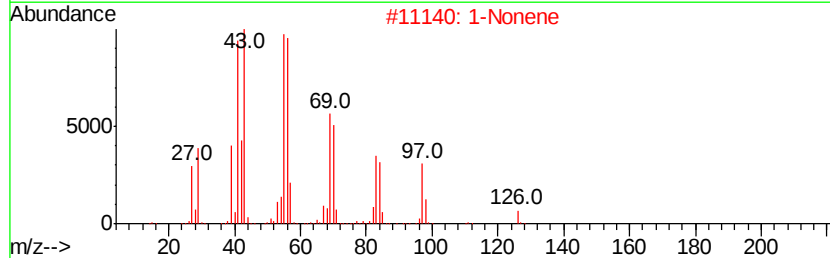
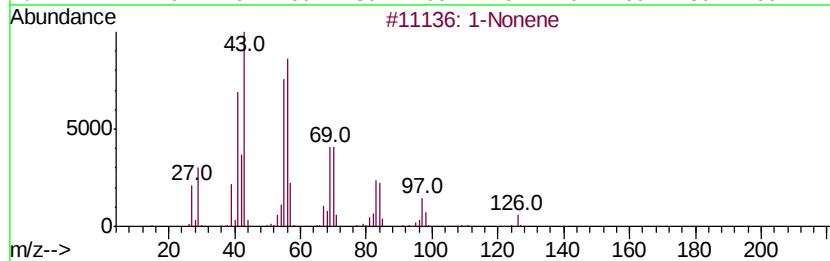
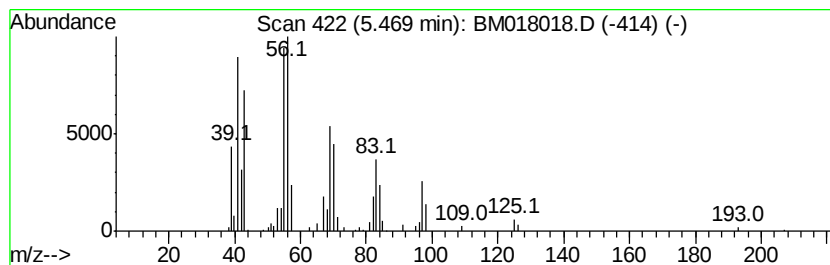
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic5.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	4.21 ng/ul	272727	1,4-Dichlorobenzene-d4	7.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene		126	C9H18	000124-11-8	81
2	1-Nonene		126	C9H18	000124-11-8	80
3	E-11,13-Tetradecadien-1-ol		210	C14H26O	1000131-00-3	72
4	Cyclooctane, 1,5-dimethyl-		140	C10H20	021328-57-4	72
5	Cyclopentane, butyl-		126	C9H18	002040-95-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
 Data File : BM018018.D
 Acq On : 08 Dec 2018 14:49
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 Sample : J6077-06
 Misc :
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Instrument :
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 ClientSampleId :
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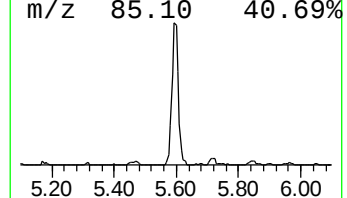
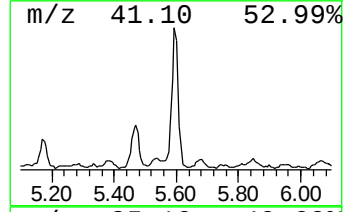
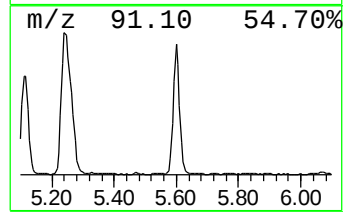
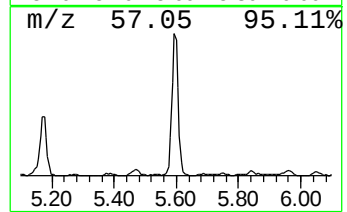
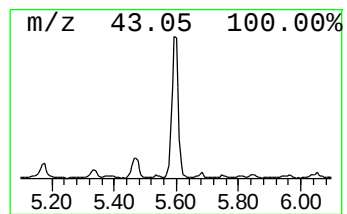
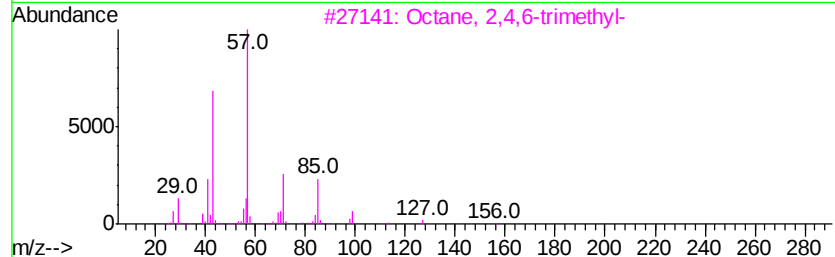
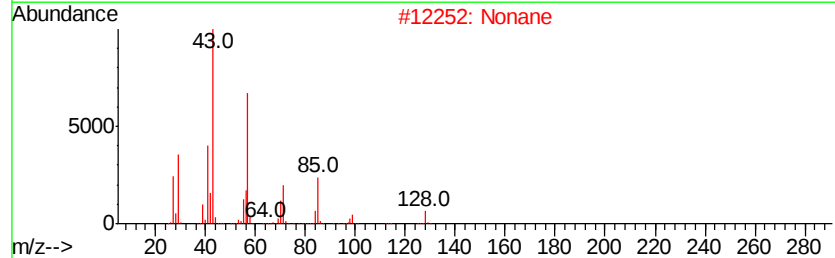
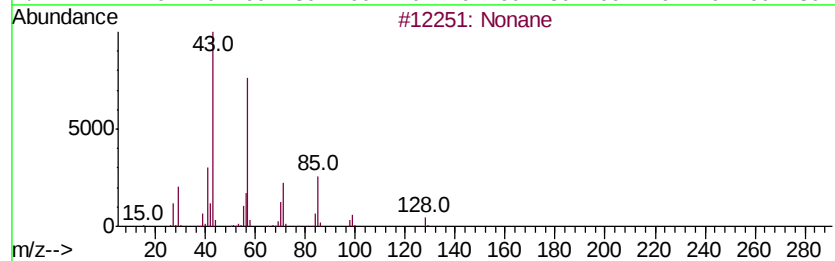
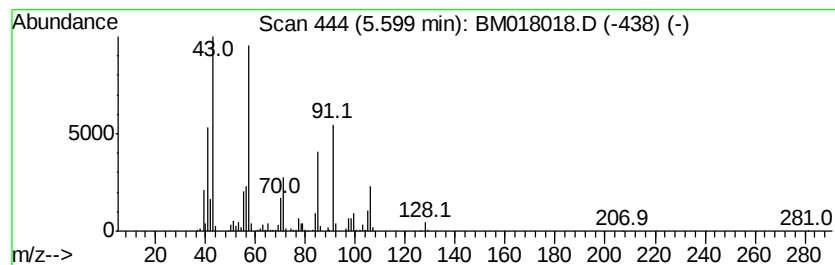
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	12.72 ng/ul	823682	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	91
2		Nonane	128	C9H20	000111-84-2	89
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	46
5		3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
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Sample : J6077-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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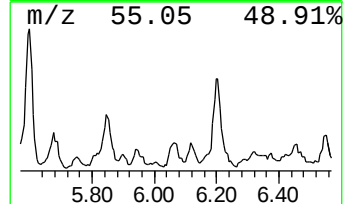
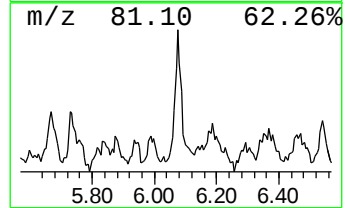
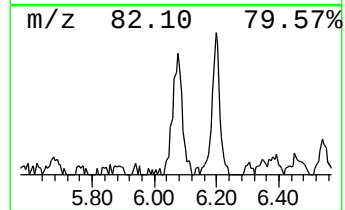
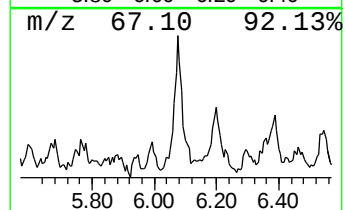
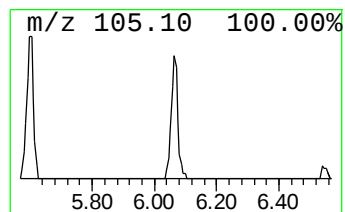
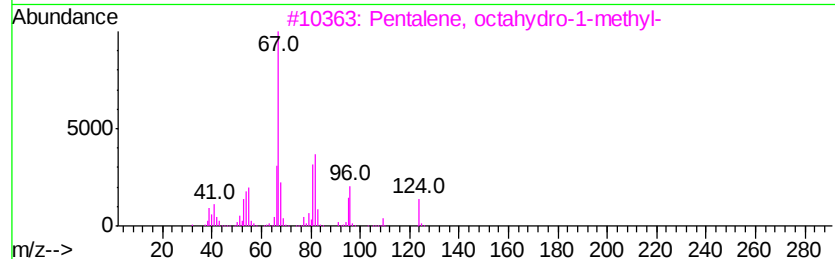
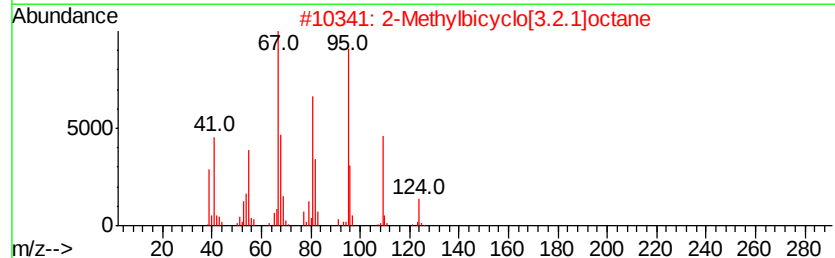
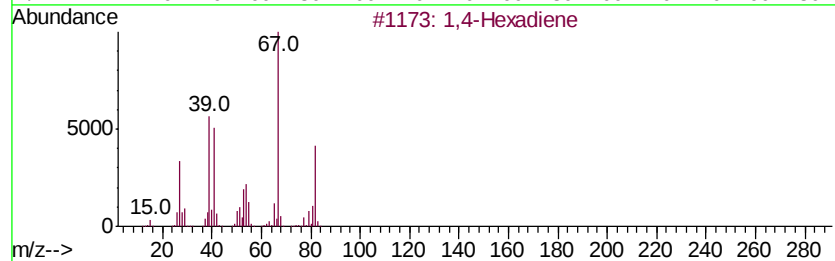
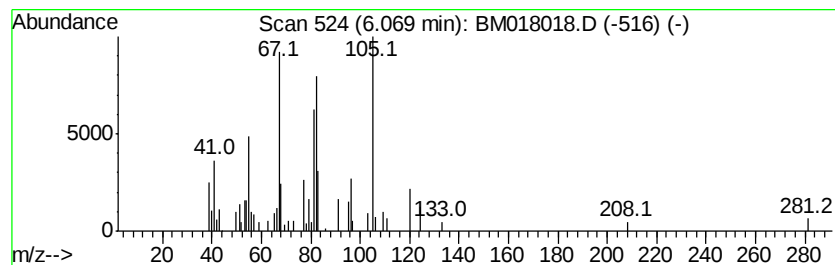
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	2.34 ng/ul	151408	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Hexadiene	82	C6H10	000592-45-0	49
2		2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	43
3		Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43
4		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	38
5		Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
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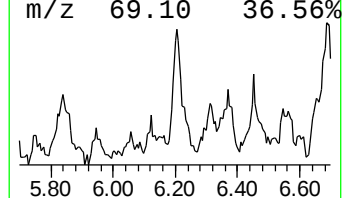
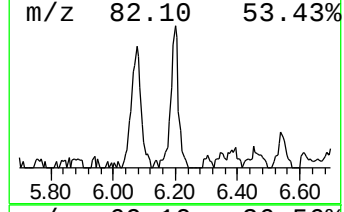
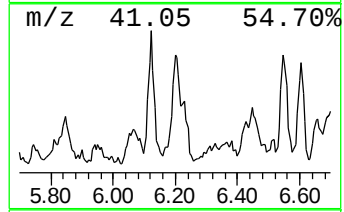
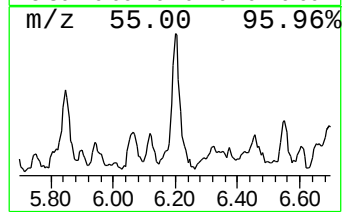
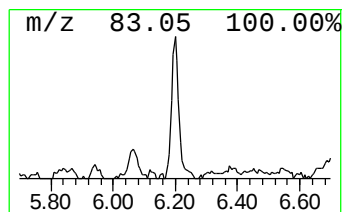
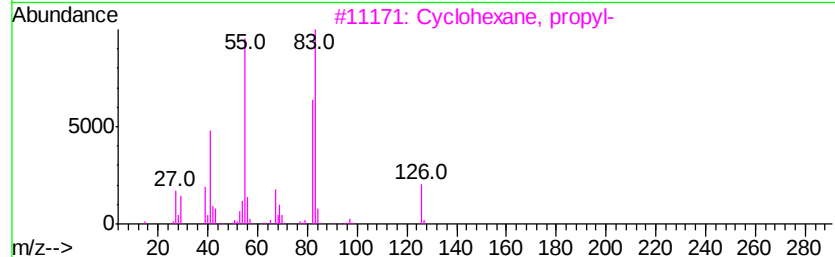
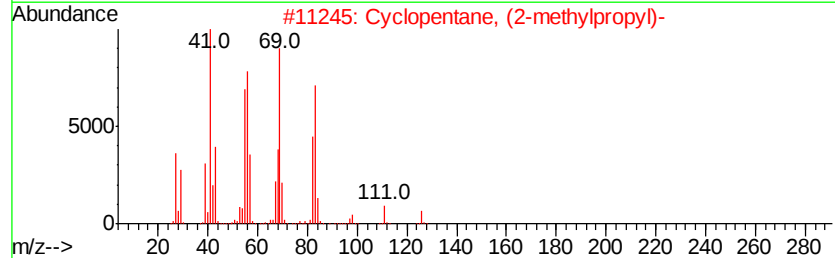
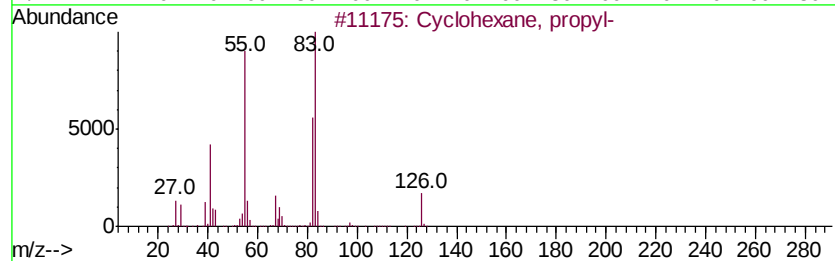
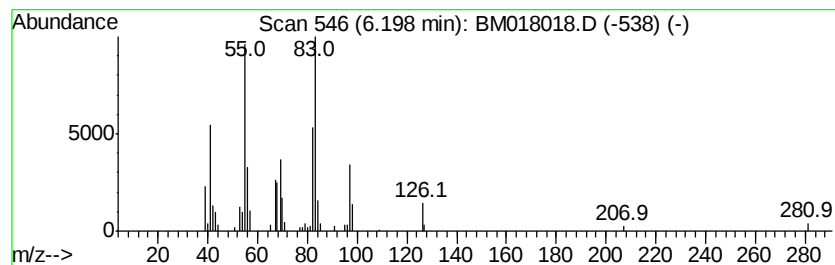
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic6.20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.74 ng/ul	242371	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
2		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	53
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	52
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
5		Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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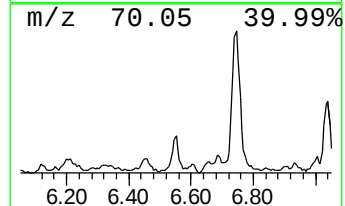
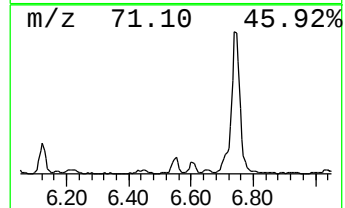
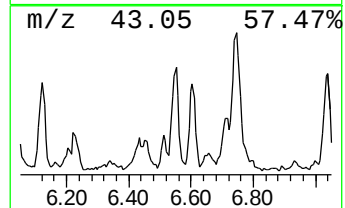
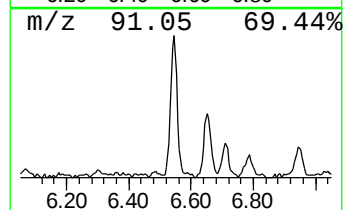
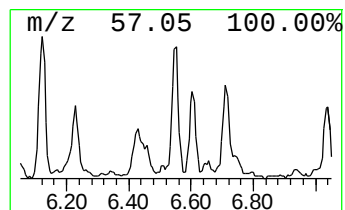
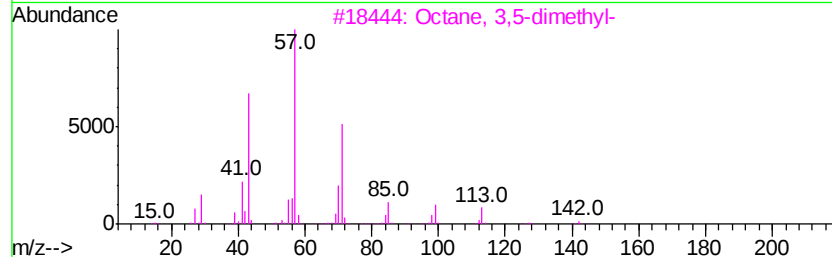
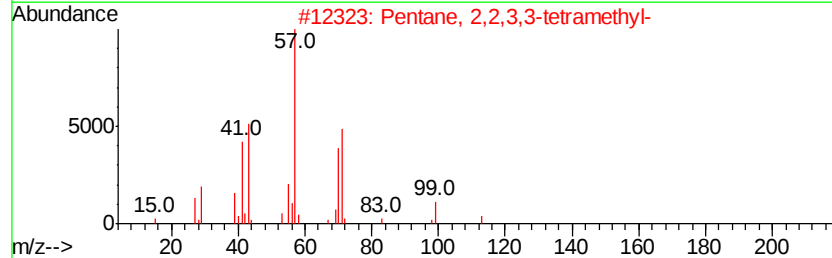
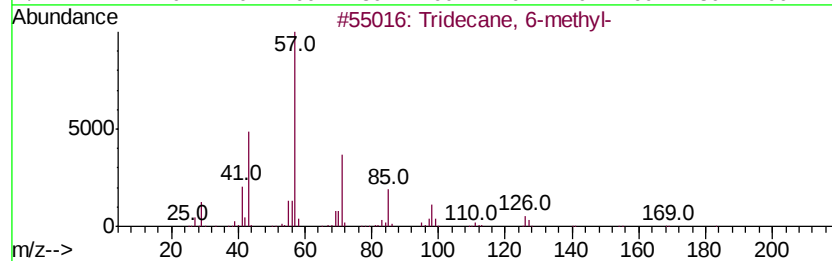
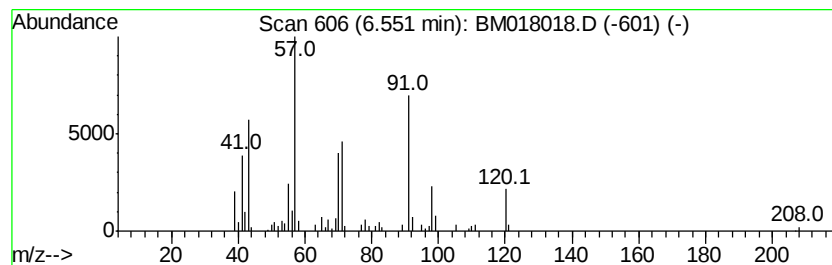
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	2.61 ng/ul	168806	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
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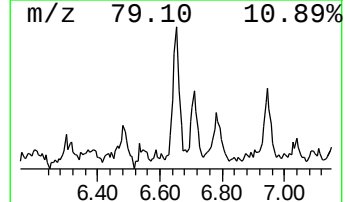
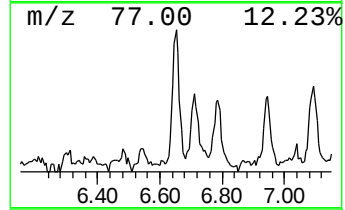
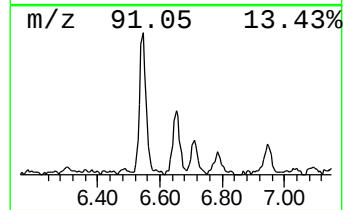
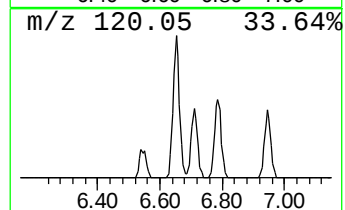
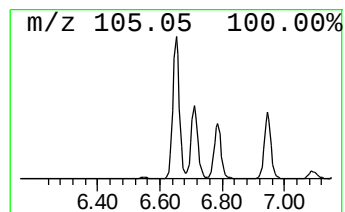
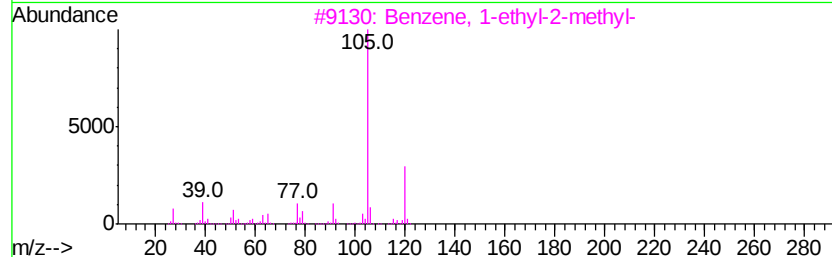
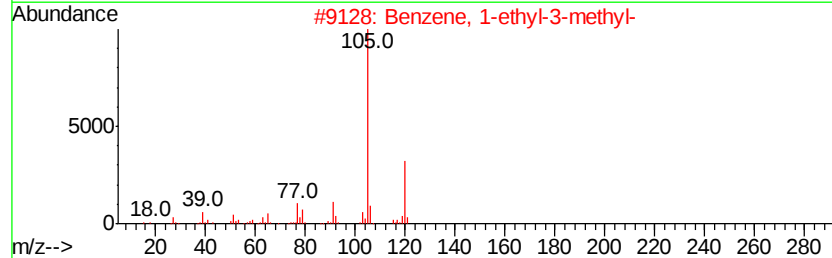
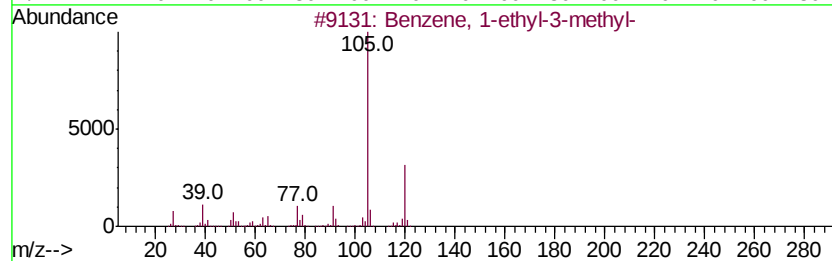
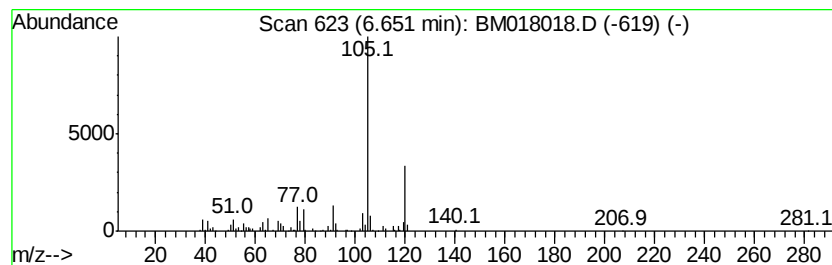
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	3.99 ng/ul	258491	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-06
Misc :
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Instrument :
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ClientSampleId :
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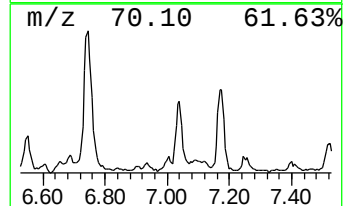
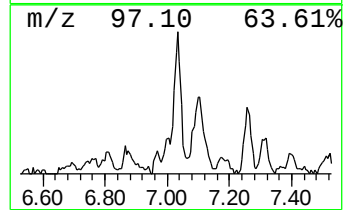
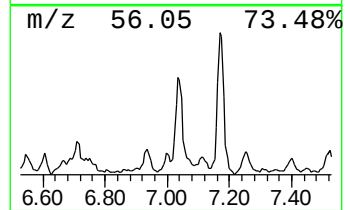
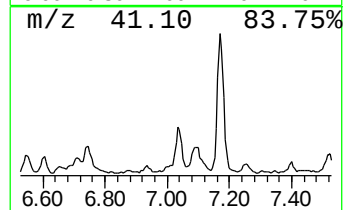
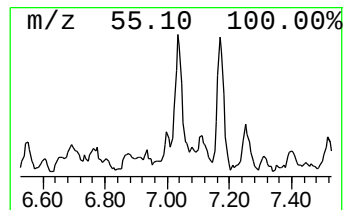
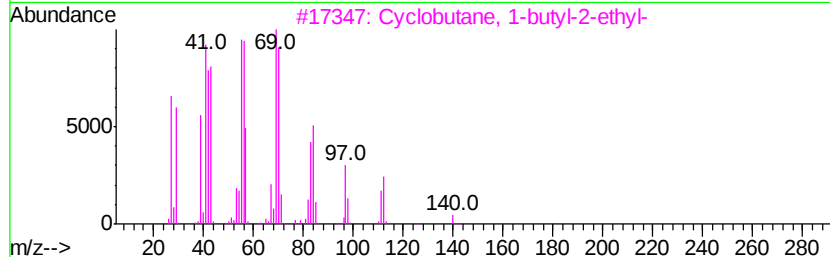
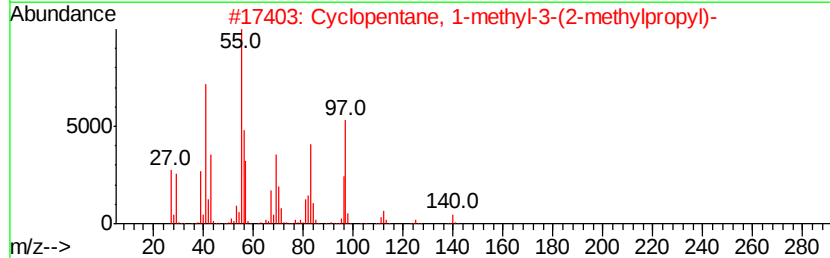
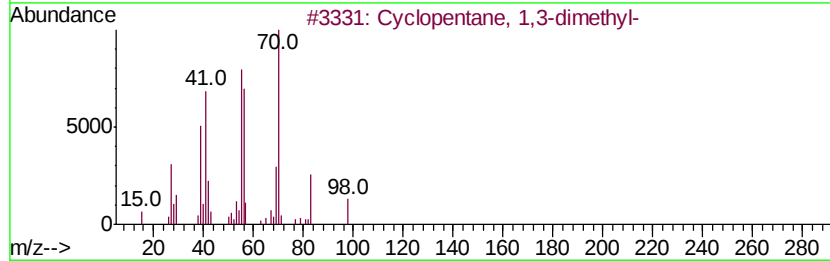
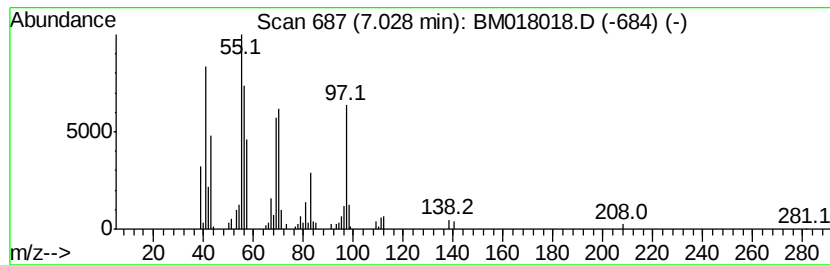
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic7.03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	3.07 ng/ul	198633	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	50
2		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	45
3		Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	43
4		1-Heptene, 3-methyl-	112	C8H16	004810-09-7	43
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
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ClientSampleId :
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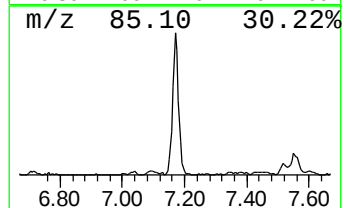
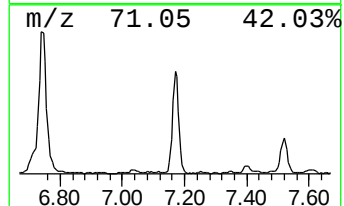
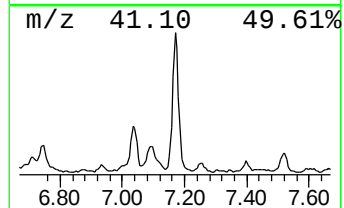
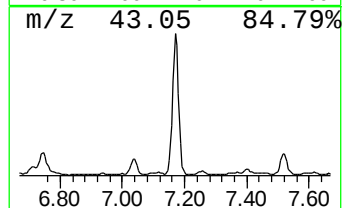
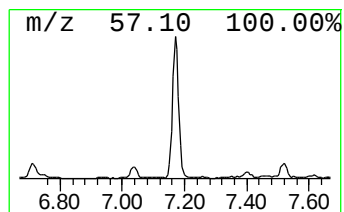
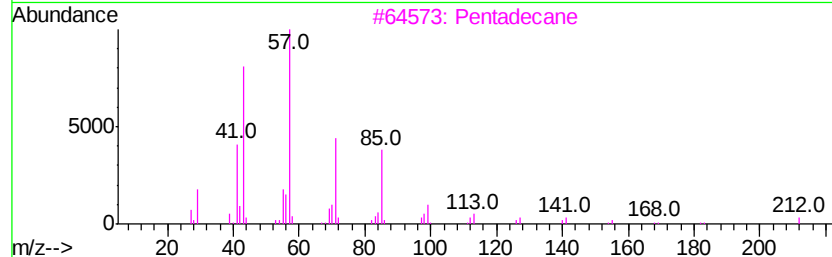
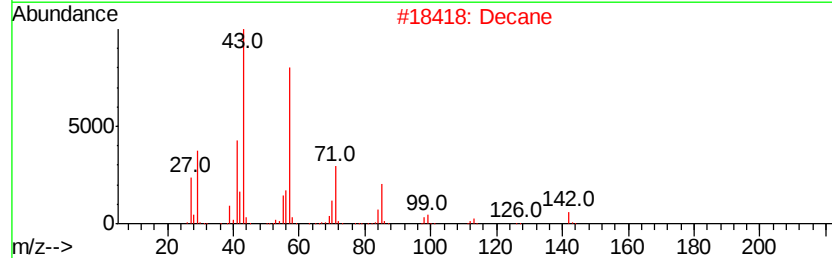
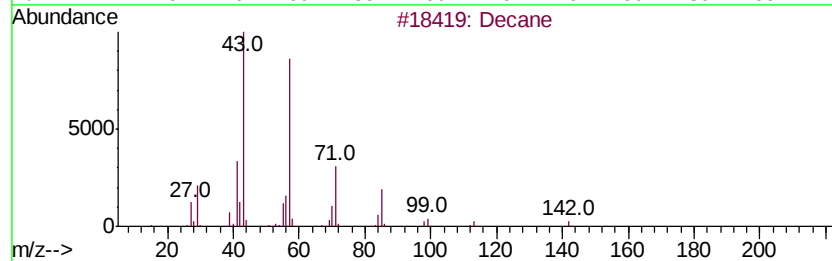
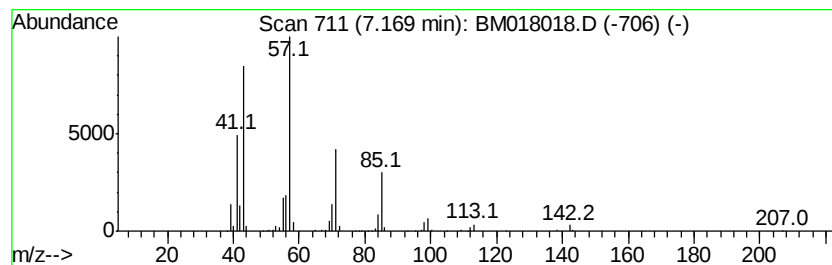
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	12.37 ng/ul	801317	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Decane	142	C10H22	000124-18-5	90
3		Pentadecane	212	C15H32	000629-62-9	83
4		Undecane	156	C11H24	001120-21-4	78
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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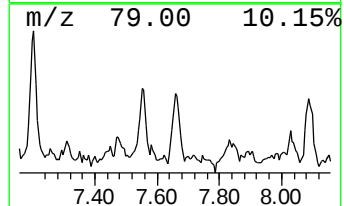
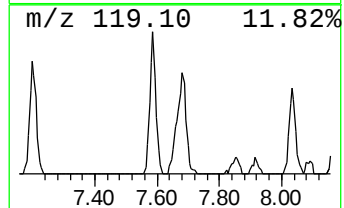
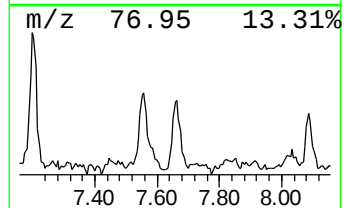
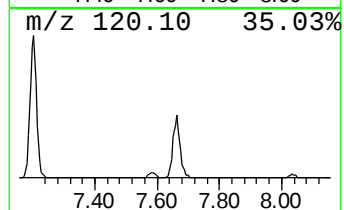
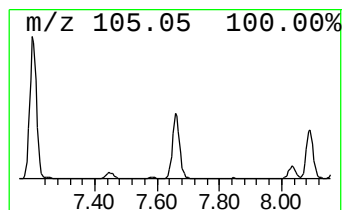
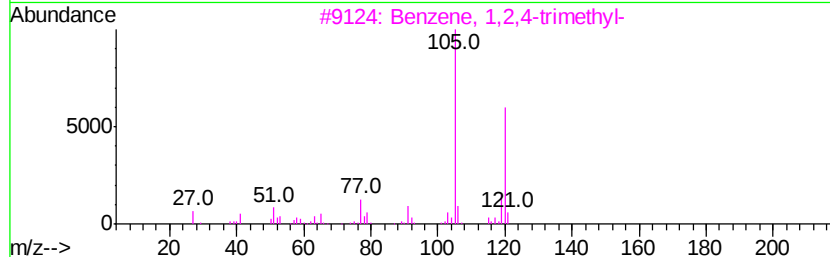
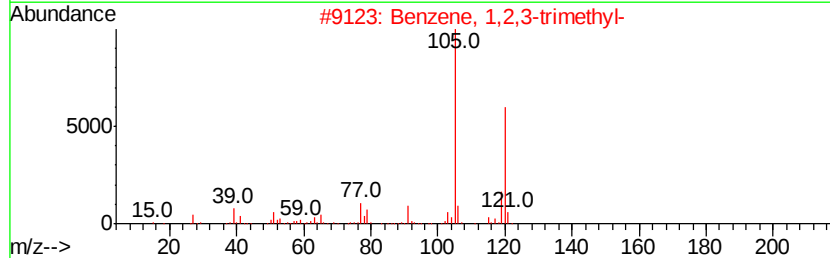
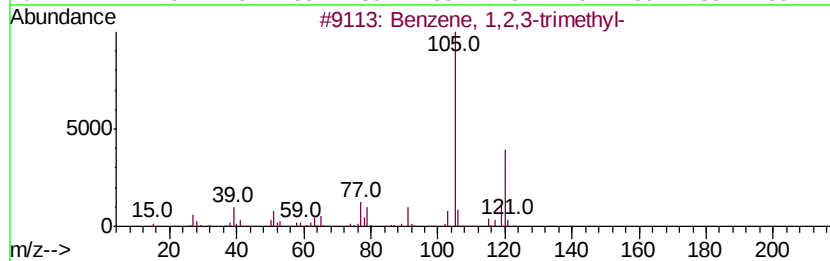
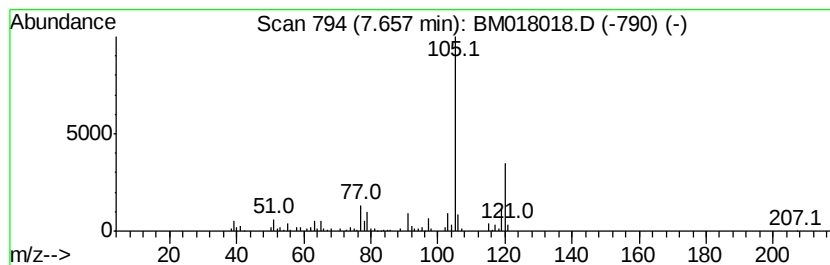
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	3.29 ng/ul	213359	1,4-Dichlorobenzene-d4	7.55

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
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Sample : J6077-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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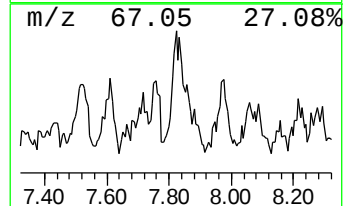
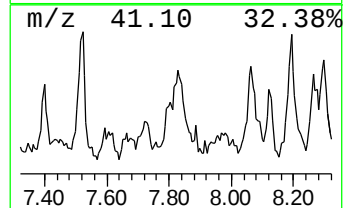
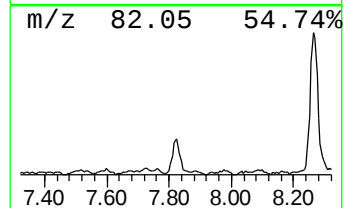
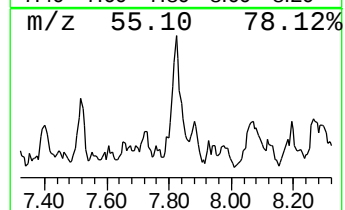
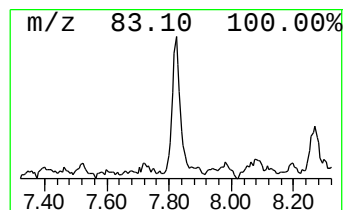
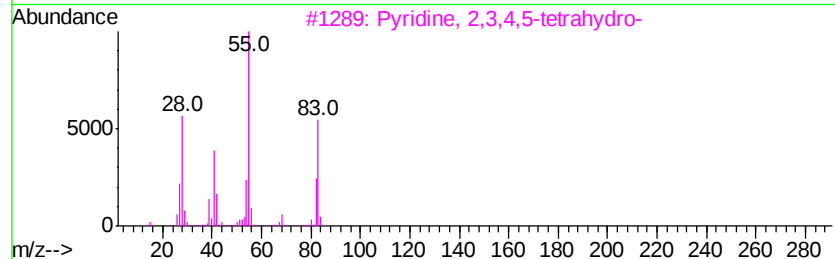
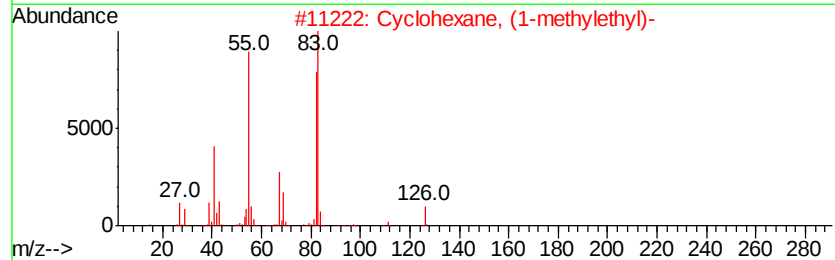
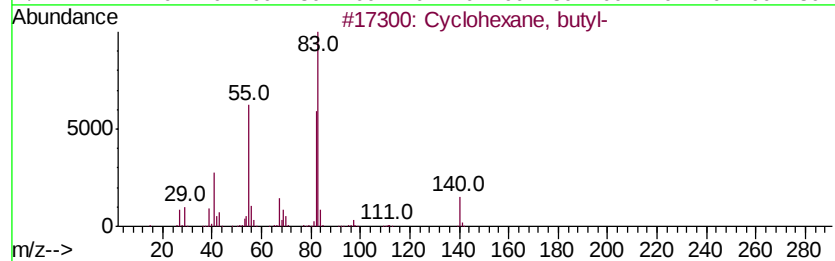
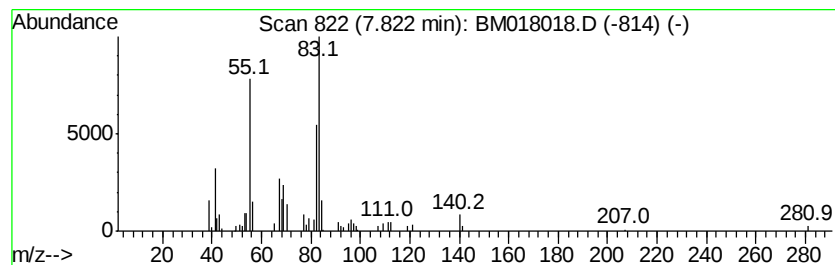
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic7.82 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.11 ng/ul	201664	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	72
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
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Sample : J6077-06
Misc :
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Instrument :
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ClientSampleId :
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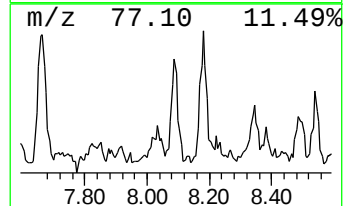
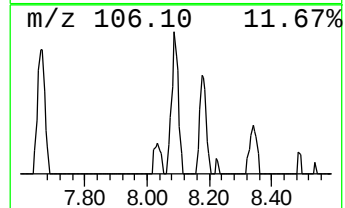
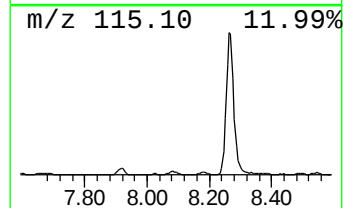
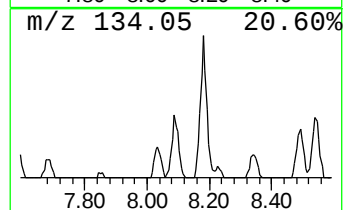
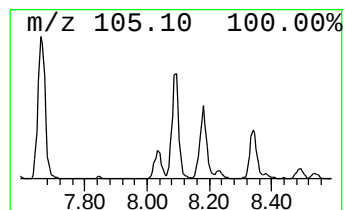
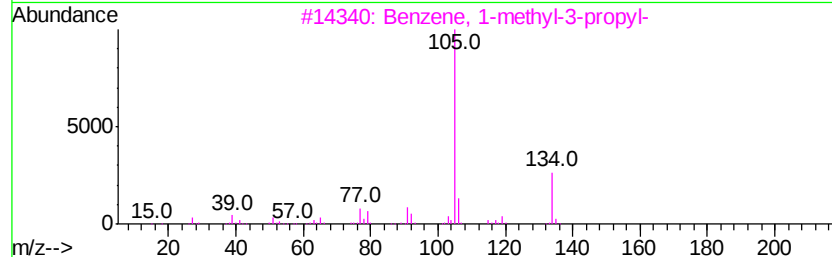
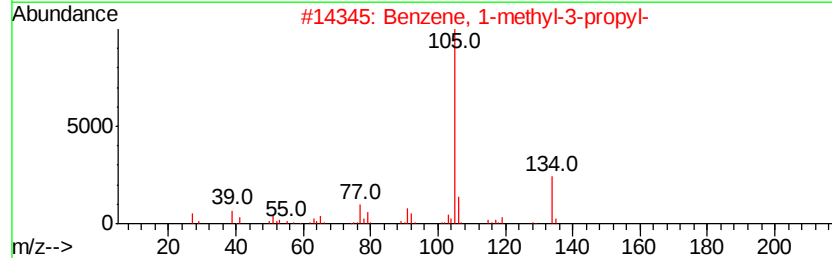
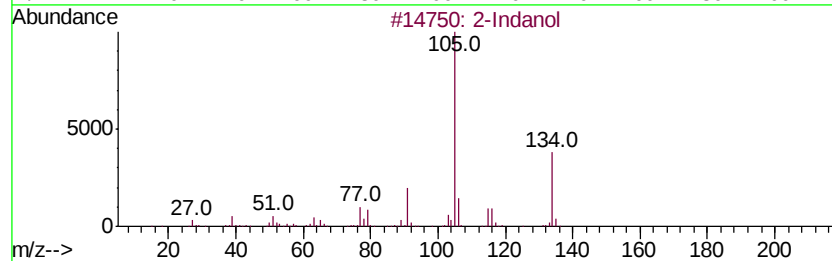
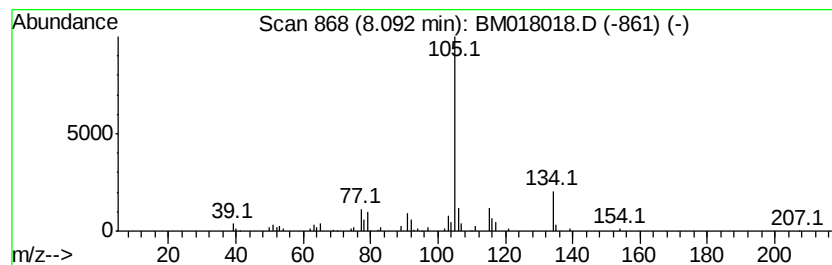
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2-Indanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	2.55 ng/ul	165460	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Indanol	134	C9H10O	004254-29-9	90
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	62
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
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ClientSampleId :
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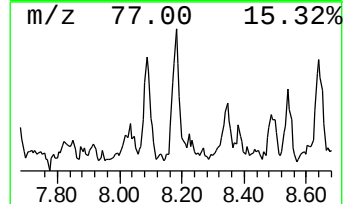
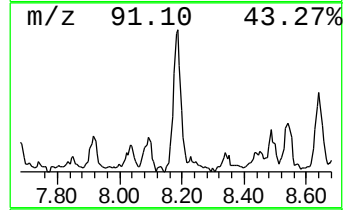
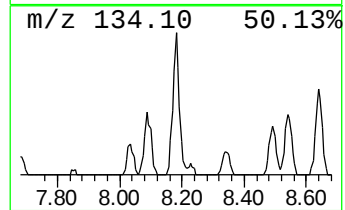
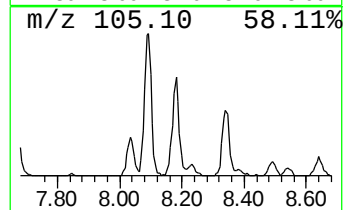
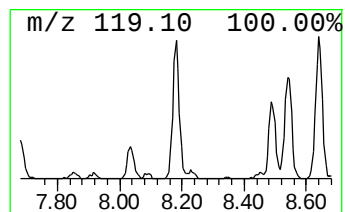
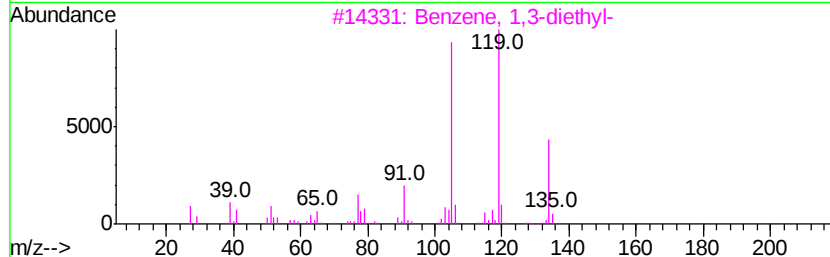
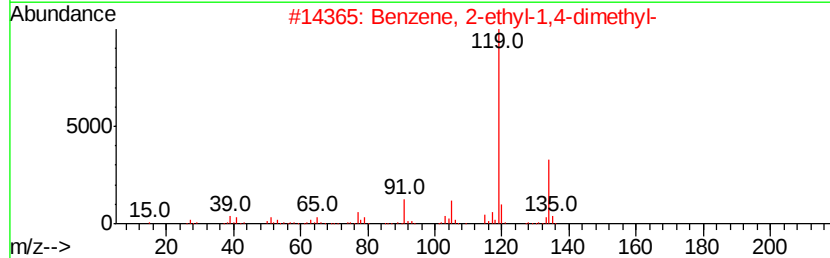
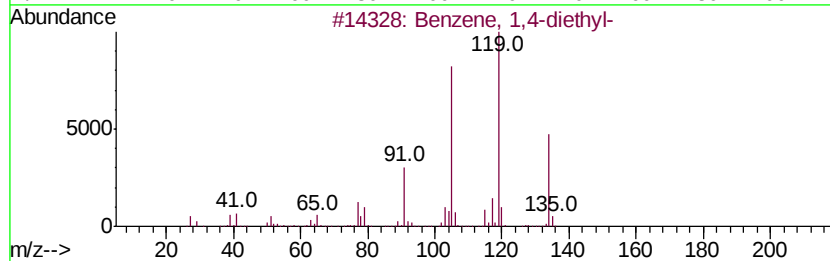
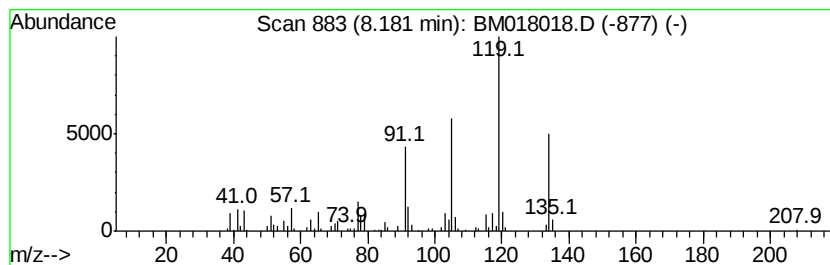
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	4.82 ng/ul	312353	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
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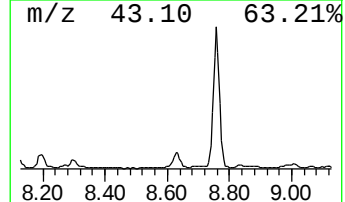
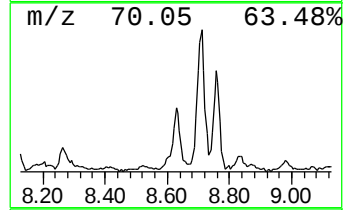
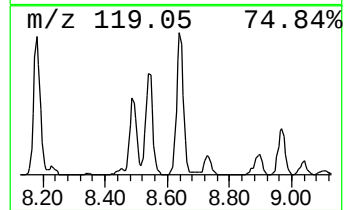
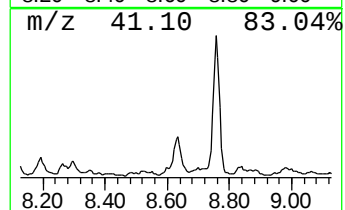
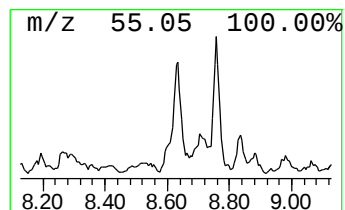
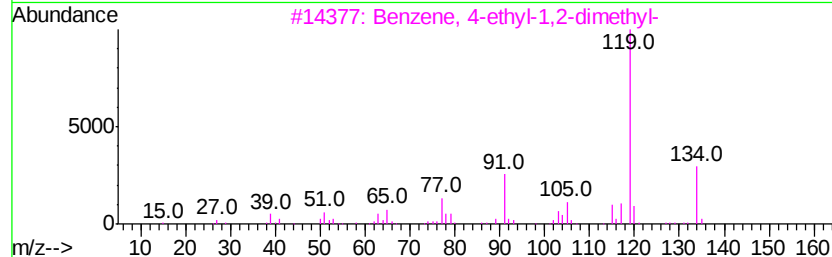
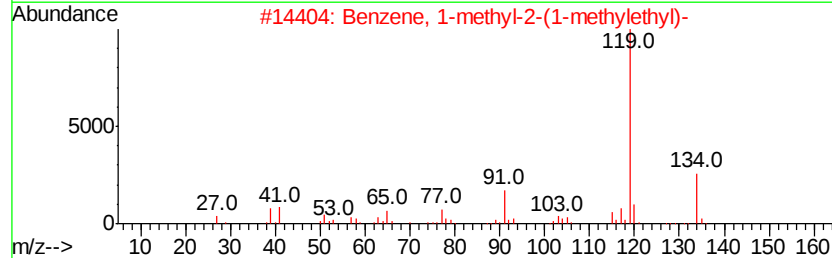
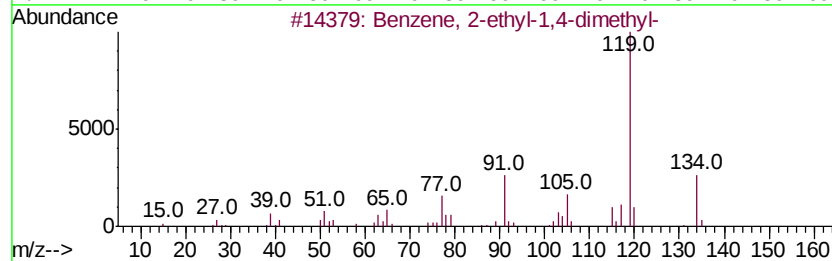
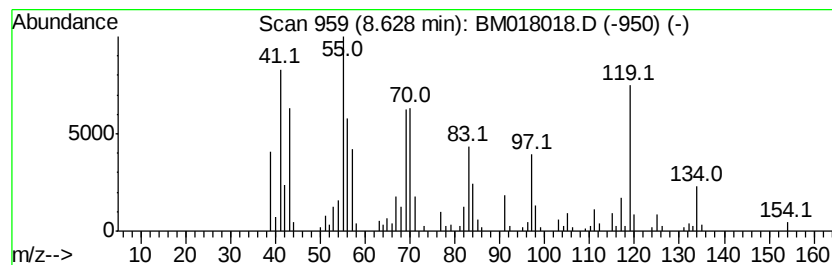
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	7.70 ng/ul	498497	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
2		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	80
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80
4		2-Undecene, (Z)-	154	C11H22	000821-96-5	52
5		Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
Operator : JU/SJ
Sample : J6077-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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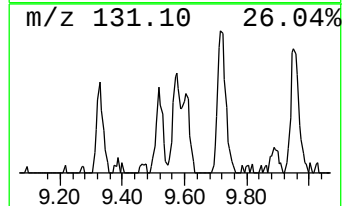
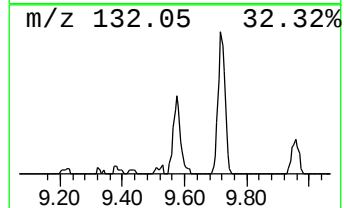
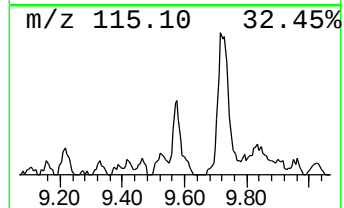
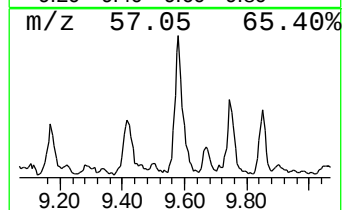
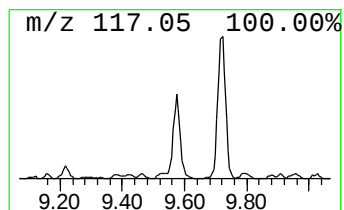
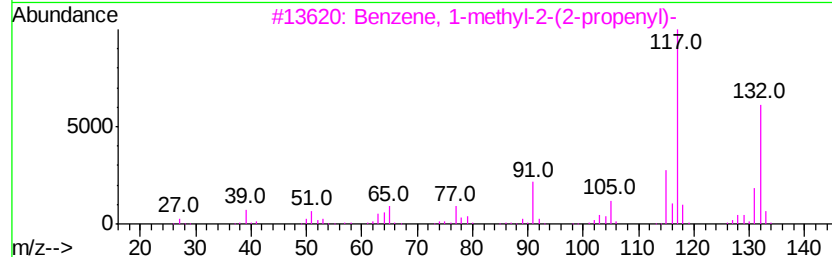
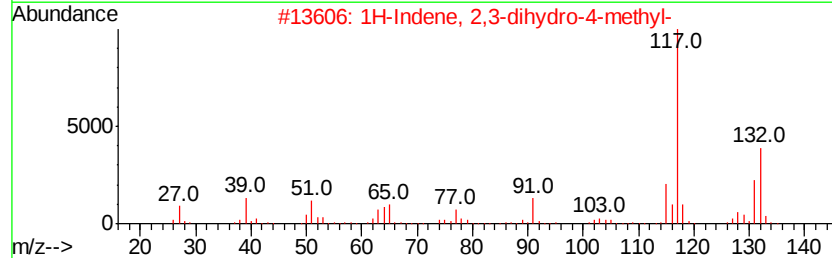
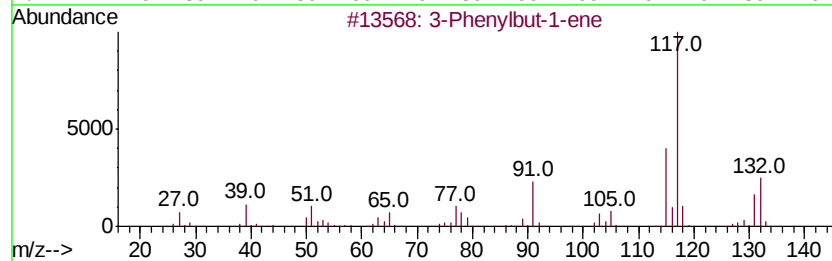
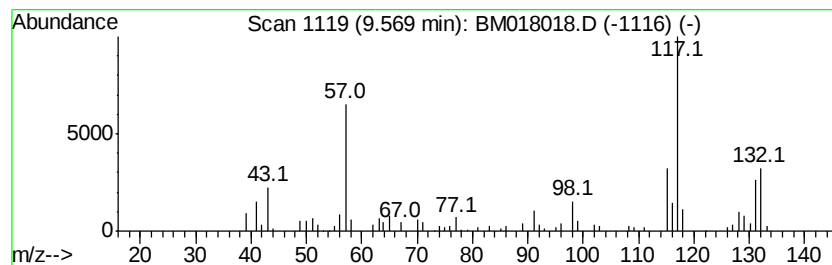
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 3-Phenylbut-1-ene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	2.15 ng/ul	253633	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	58
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
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Sample : J6077-06
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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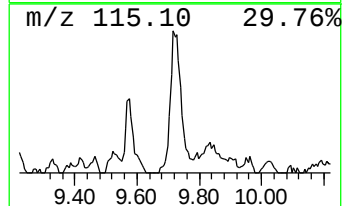
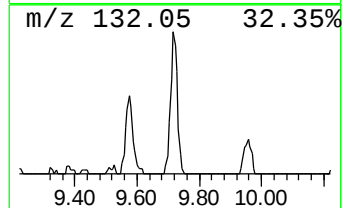
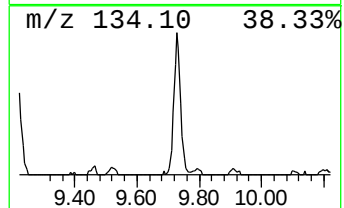
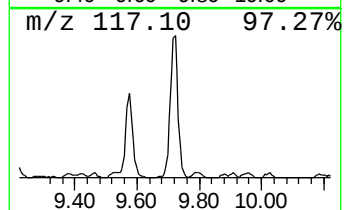
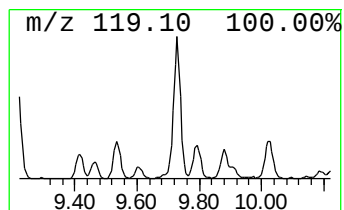
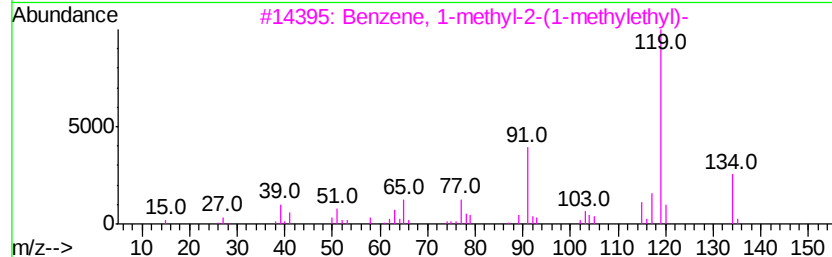
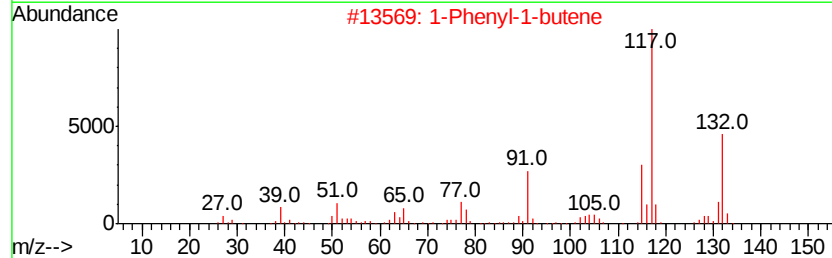
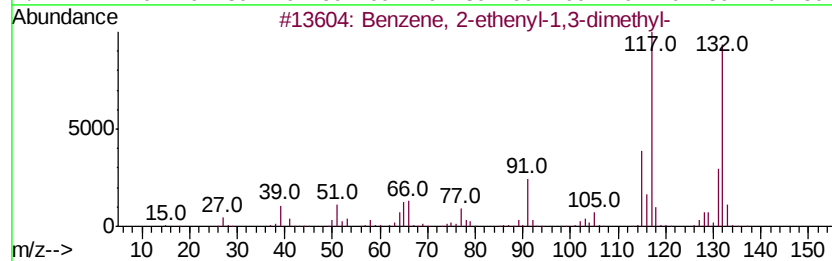
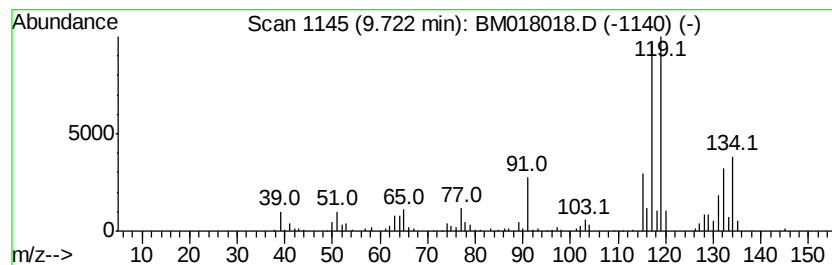
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.45 ng/ul	406533	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	49
4		Benzene, 1-methyl-4-(1-methylethyl-)	134	C10H14	000099-87-6	45
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
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Misc :
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ClientSampleId :
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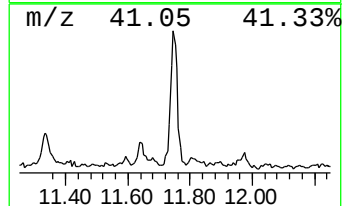
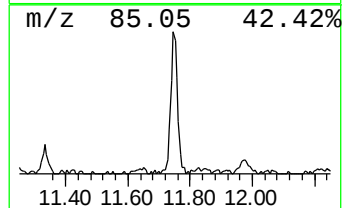
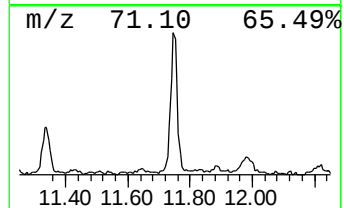
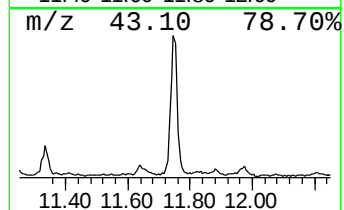
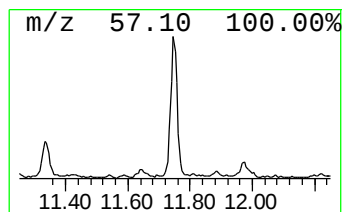
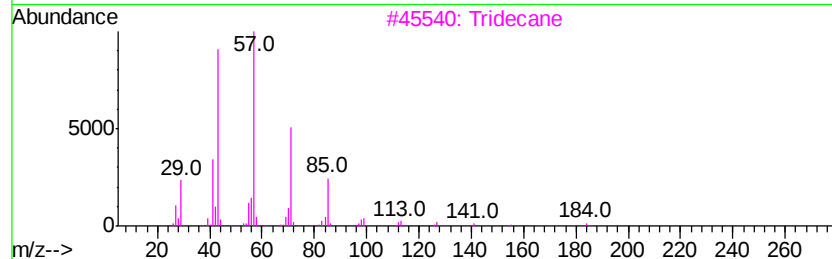
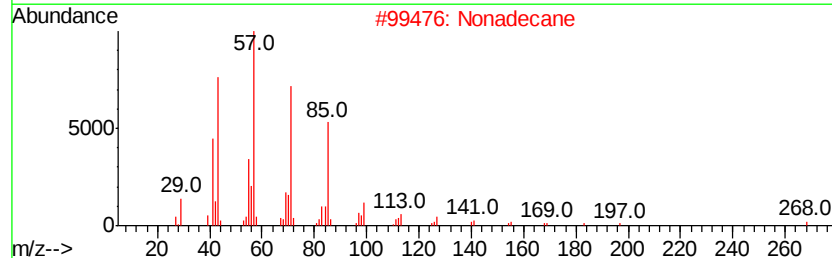
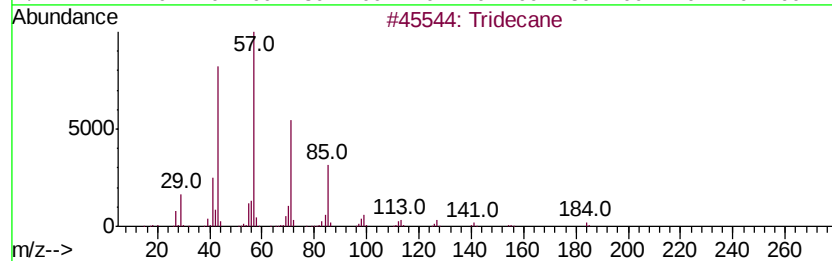
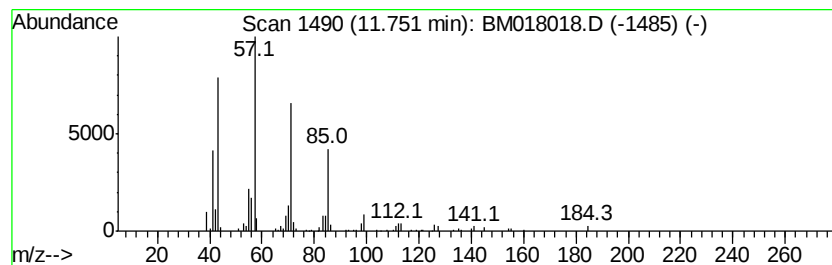
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.81 ng/ul	330923	Naphthalene-d8	10.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Nonadecane	268	C19H40	000629-92-5	86
3			Tridecane	184	C13H28	000629-50-5	76
4			Tetradecane	198	C14H30	000629-59-4	74
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
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Misc :
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ClientSampleId :
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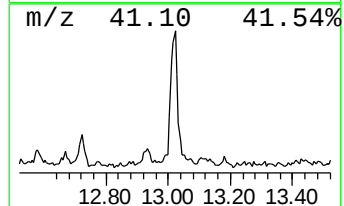
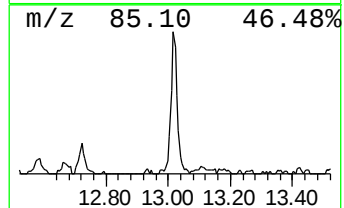
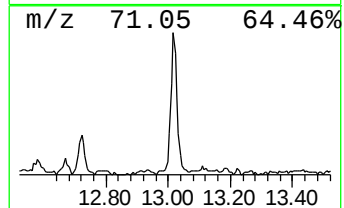
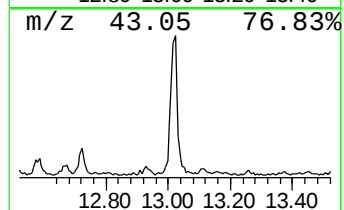
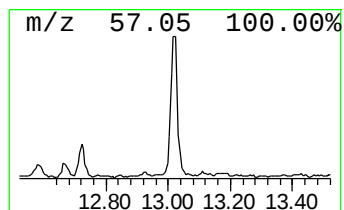
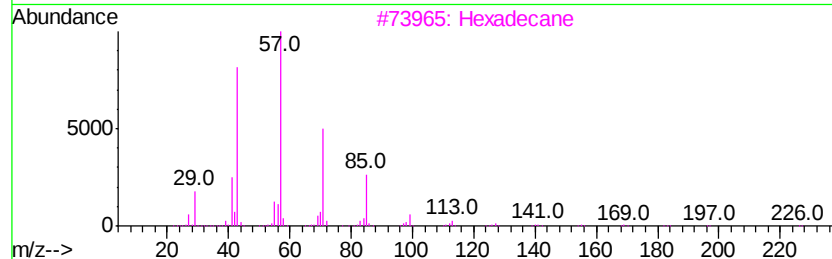
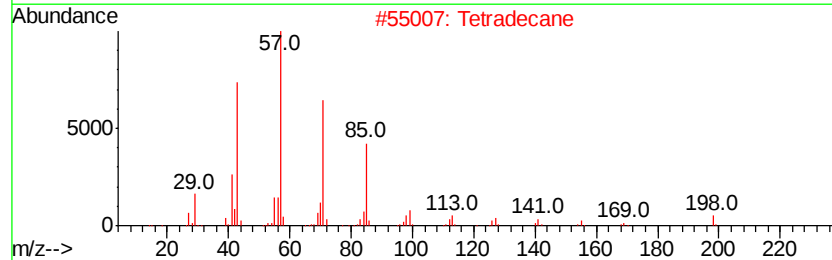
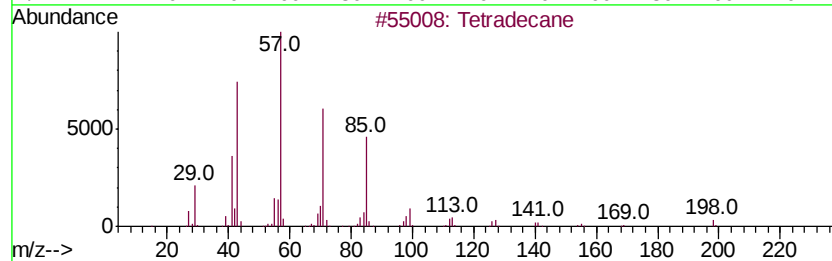
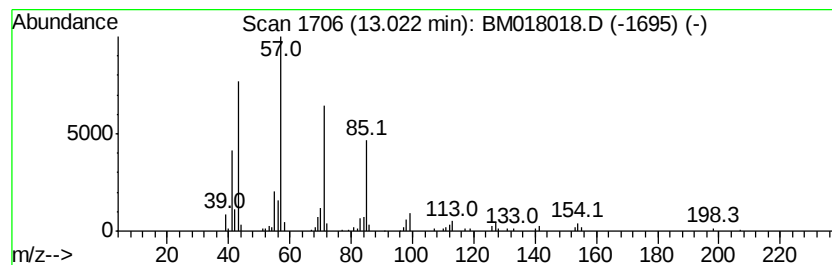
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.72 ng/ul	272280	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	89
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
5			Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018018.D
Acq On : 08 Dec 2018 14:49
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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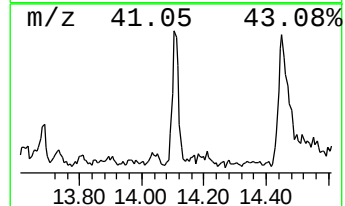
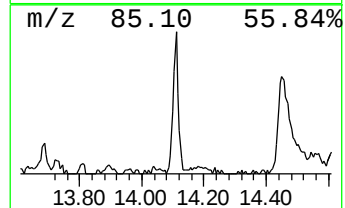
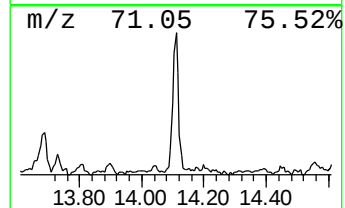
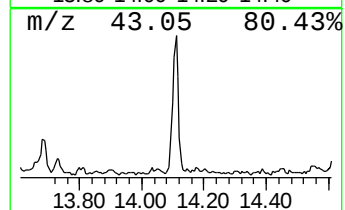
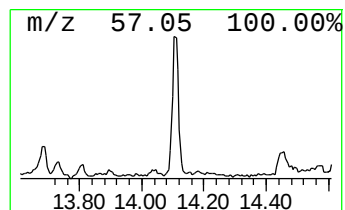
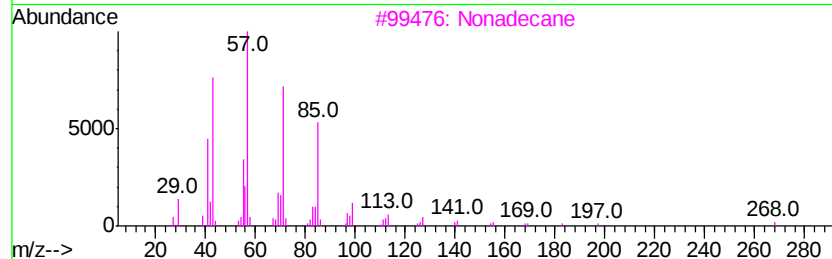
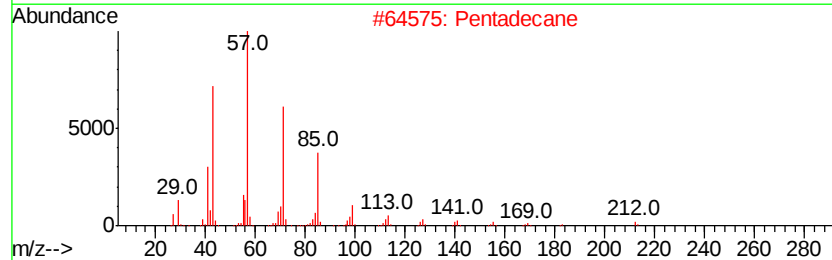
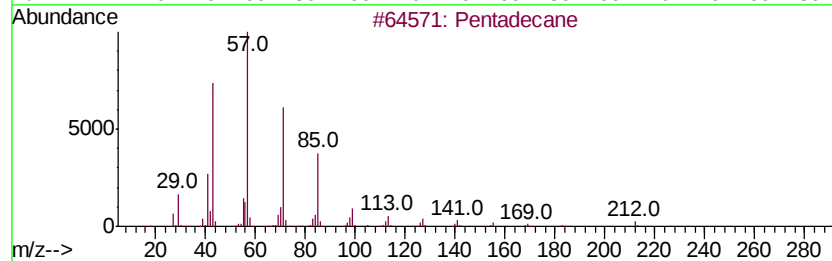
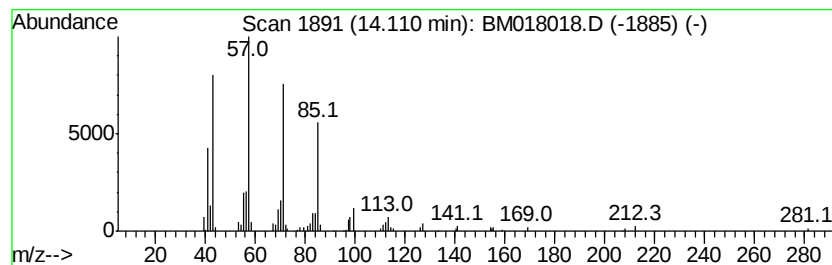
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.01 ng/ul	200729	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Pentadecane	212	C15H32	000629-62-9	94
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tridecane	184	C13H28	000629-50-5	91
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
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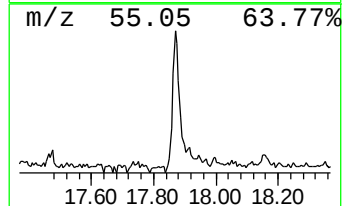
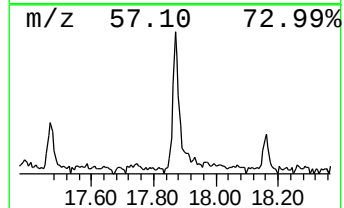
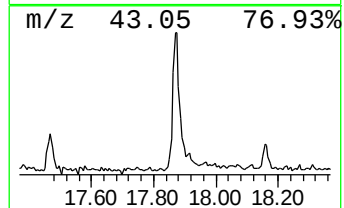
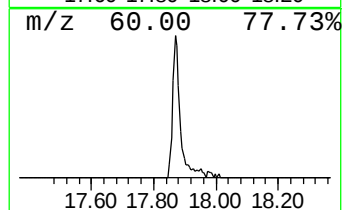
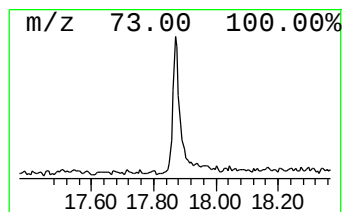
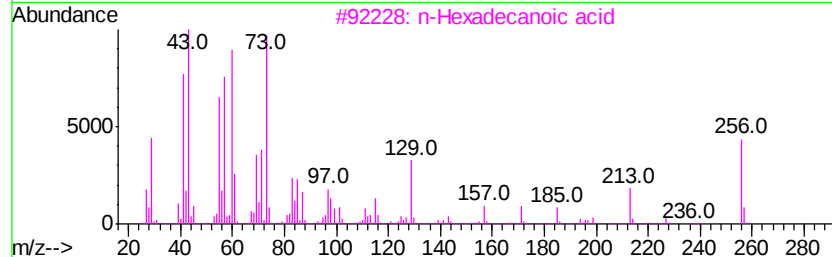
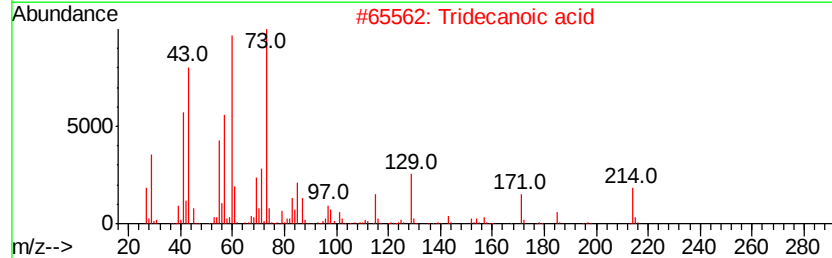
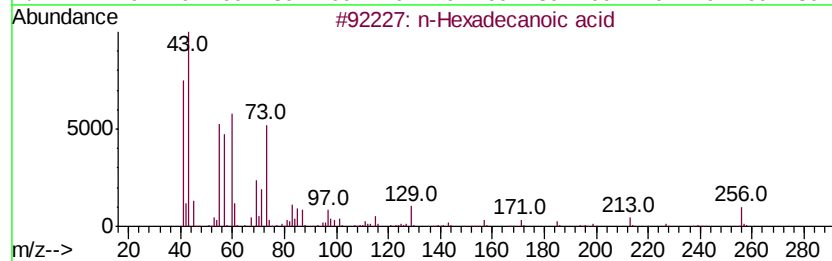
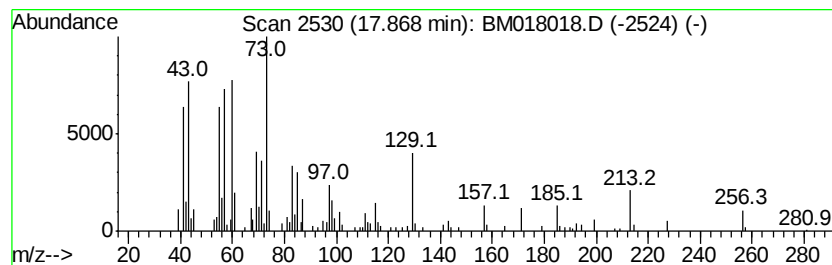
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.15 ng/ul	350741	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tridecanoic acid	214	C13H26O2	000638-53-9	81
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
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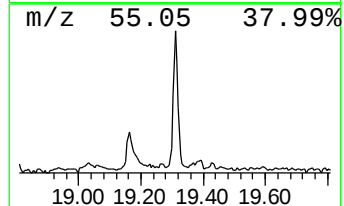
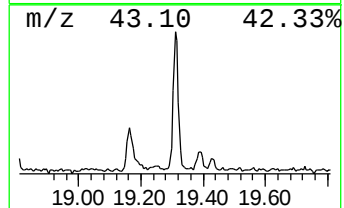
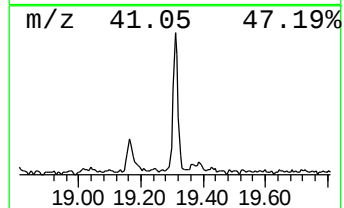
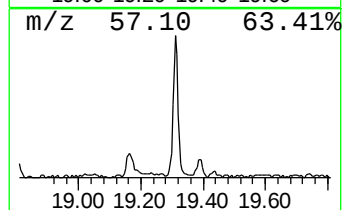
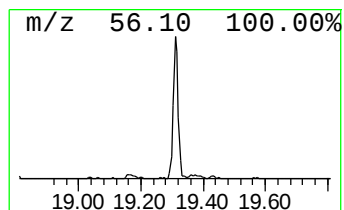
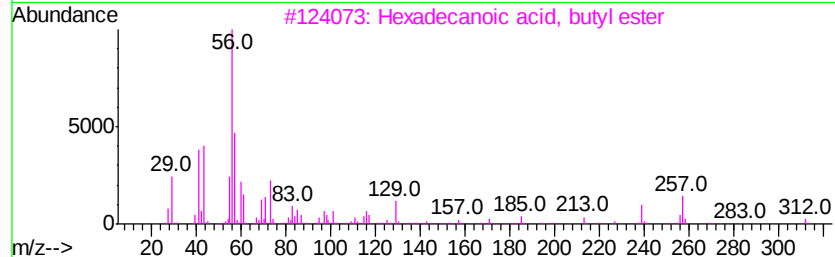
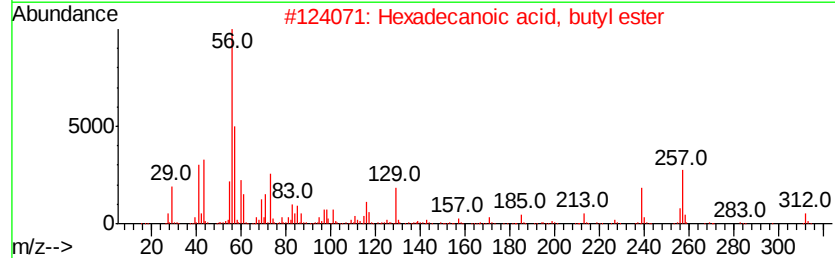
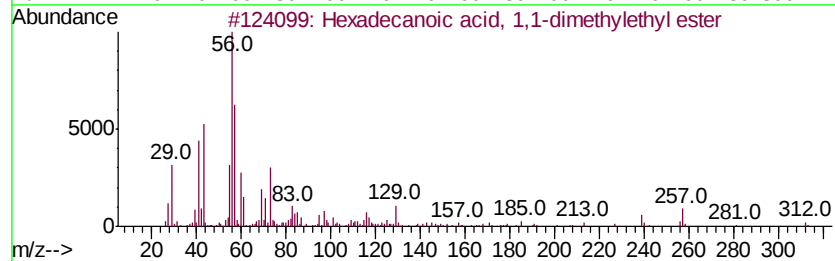
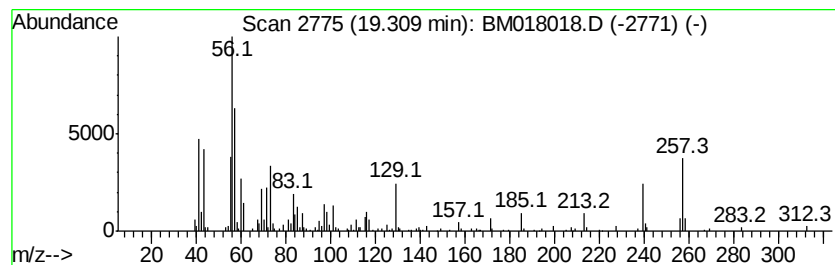
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Hexadecanoic acid, 1,1-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.88 ng/ul	382571	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	92
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	76
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	45
5		Nipecotic acid	129	C6H11NO2	000498-95-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120818\
 Data File : BM018018.D
 Acq On : 08 Dec 2018 14:49
 Operator : JU/SJ
 Sample : J6077-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y41

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.75	2.3	ng/ul	147486	1	7.55	1295580	20.0
(DEL) Alkane: Str...	4.17	7.6	ng/ul	491778	1	7.55	1295580	20.0
3-Tridecanol	4.75	6.0	ng/ul	386801	1	7.55	1295580	20.0
p-Xylene	5.24	5.8	ng/ul	372204	1	7.55	1295580	20.0
(DEL) Alkane: Cyc...	5.47	4.2	ng/ul	272727	1	7.55	1295580	20.0
(DEL) Alkane: Str...	5.60	12.7	ng/ul	823682	1	7.55	1295580	20.0
unknown-01	6.07	2.3	ng/ul	151408	1	7.55	1295580	20.0
(DEL) Alkane: Cyc...	6.20	3.7	ng/ul	242371	1	7.55	1295580	20.0
(DEL) Alkane: Str...	6.55	2.6	ng/ul	168806	1	7.55	1295580	20.0
Benzene, 1-ethyl-...	6.65	4.0	ng/ul	258491	1	7.55	1295580	20.0
(DEL) Alkane: Cyc...	7.03	3.1	ng/ul	198633	1	7.55	1295580	20.0
(DEL) Alkane: Str...	7.17	12.4	ng/ul	801317	1	7.55	1295580	20.0
Benzene, 1,2,3-tr...	7.66	3.3	ng/ul	213359	1	7.55	1295580	20.0
(DEL) Alkane: Cyc...	7.82	3.1	ng/ul	201664	1	7.55	1295580	20.0
2-Indanol	8.09	2.5	ng/ul	165460	1	7.55	1295580	20.0
Benzene, 1,4-diet...	8.18	4.8	ng/ul	312353	1	7.55	1295580	20.0
Benzene, 2-ethyl-...	8.63	7.7	ng/ul	498497	1	7.55	1295580	20.0
3-Phenylbut-1-ene	9.57	2.1	ng/ul	253633	2	10.32	2354520	20.0
Benzene, 2-etheny...	9.72	3.5	ng/ul	406533	2	10.32	2354520	20.0
(DEL) Alkane: Str...	11.75	2.8	ng/ul	330923	2	10.32	2354520	20.0
(DEL) Alkane: Str...	13.02	2.7	ng/ul	272280	3	14.20	2001910	20.0
(DEL) Alkane: Str...	14.11	2.0	ng/ul	200729	3	14.20	2001910	20.0
n-Hexadecanoic acid	17.87	3.1	ng/ul	350741	4	16.96	2224850	20.0
Hexadecanoic acid...	19.31	2.9	ng/ul	382571	5	21.17	2656990	20.0