

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
 Data File : BM016100.D
 Acq On : 27 Jul 2018 13:33
 Operator : SJ/JU
 Sample : J4172-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D04

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	3.422	18	23	27	rBV2	36342	56140	2.82%	0.177%
2	3.463	27	30	32	rVV	19213	23490	1.18%	0.074%
3	3.499	32	36	45	rVB	78357	112732	5.65%	0.355%
4	3.799	82	87	93	rBV2	13562	23283	1.17%	0.073%
5	4.140	139	145	150	rBV	12671	21060	1.06%	0.066%
6	5.004	283	292	302	rBV	25330	50041	2.51%	0.158%
7	5.569	381	388	395	rVB4	21477	49609	2.49%	0.156%
8	5.640	395	400	405	rVV	14265	21340	1.07%	0.067%
9	5.693	405	409	418	rVB2	14545	20864	1.05%	0.066%
10	5.775	418	423	434	rBV2	47963	99411	4.99%	0.313%
11	6.157	483	488	494	rVB4	24833	43717	2.19%	0.138%
12	6.398	524	529	537	rBV5	17858	34864	1.75%	0.110%
13	6.610	558	565	568	rBV4	13076	24235	1.22%	0.076%
14	6.645	568	571	575	rVV	14553	23587	1.18%	0.074%
15	6.692	575	579	585	rVV2	16371	26886	1.35%	0.085%
16	6.787	589	595	602	rVB4	12575	29519	1.48%	0.093%
17	7.045	631	639	645	rBV	15271	31029	1.56%	0.098%
18	7.139	645	655	661	rVV	331063	488832	24.51%	1.539%
19	7.316	678	685	688	rBV3	36132	65392	3.28%	0.206%
20	7.363	688	693	704	rVV4	387304	775804	38.90%	2.443%
21	7.487	708	714	717	rBV	73131	114360	5.73%	0.360%
22	7.528	717	721	729	rVB	256922	397993	19.96%	1.253%
23	7.686	743	748	750	rBV2	82234	146964	7.37%	0.463%
24	7.728	750	755	762	rVV	385684	680602	34.13%	2.143%
25	7.798	762	767	772	rVB4	23250	52760	2.65%	0.166%
26	7.998	796	801	806	rBV	101193	150186	7.53%	0.473%
27	8.045	806	809	813	rVV3	23075	31851	1.60%	0.100%
28	8.092	813	817	819	rVV3	14772	21513	1.08%	0.068%
29	8.139	819	825	830	rVB	566102	802494	40.24%	2.527%
30	8.204	830	836	845	rBV	307736	511799	25.66%	1.611%
31	8.286	845	850	857	rVB	225328	347829	17.44%	1.095%
32	8.392	857	868	879	rBV	1190461	1994183	100.00%	6.278%
33	8.575	895	899	905	rVB	56390	79958	4.01%	0.252%
34	8.651	905	912	916	rBV3	251647	431537	21.64%	1.359%

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35	8.710	916	922	926	rBV	987222	1535225	76.99%	4.833%
36	8.839	936	944	949	rBV	668515	992036	49.75%	3.123%
37	8.922	952	958	965	rVV	484842	830653	41.65%	2.615%
38	8.981	965	968	972	rVV3	32492	52013	2.61%	0.164%
39	9.045	973	979	983	rVV	319233	565695	28.37%	1.781%
40	9.081	983	985	991	rVB	236253	289900	14.54%	0.913%
41	9.133	991	994	997	rVB2	20101	24223	1.21%	0.076%
42	9.204	997	1006	1009	rBV2	101858	215139	10.79%	0.677%
43	9.292	1015	1021	1026	rVB3	117685	208746	10.47%	0.657%
44	9.392	1027	1038	1050	rVB3	439881	1032447	51.77%	3.251%
45	9.492	1050	1055	1059	rBV	30348	59111	2.96%	0.186%
46	9.545	1060	1064	1069	rVB2	44592	71649	3.59%	0.226%
47	9.692	1084	1089	1092	rBV2	32742	60861	3.05%	0.192%
48	9.745	1093	1098	1103	rVB	95241	157524	7.90%	0.496%
49	9.822	1106	1111	1114	rBV5	11795	22377	1.12%	0.070%
50	9.910	1122	1126	1128	rBV4	22136	34156	1.71%	0.108%
51	9.939	1128	1131	1136	rVB2	32337	45621	2.29%	0.144%
52	10.110	1154	1160	1167	rBV	347815	569705	28.57%	1.794%
53	10.192	1167	1174	1179	rBV3	40343	80549	4.04%	0.254%
54	10.304	1189	1193	1197	rVB3	20924	27225	1.37%	0.086%
55	10.369	1197	1204	1210	rVB	109101	195963	9.83%	0.617%
56	10.445	1212	1217	1230	rVB4	111153	274051	13.74%	0.863%
57	10.557	1230	1236	1245	rVB	35737	73933	3.71%	0.233%
58	10.645	1245	1251	1260	rBV	490382	873848	43.82%	2.751%
59	11.022	1307	1315	1326	rBV	429307	751136	37.67%	2.365%
60	11.169	1334	1340	1352	rVB	405310	706995	35.45%	2.226%
61	11.839	1443	1454	1463	rBV	121473	291939	14.64%	0.919%
62	12.739	1601	1607	1613	rBV2	19636	30595	1.53%	0.096%
63	14.233	1856	1861	1866	rBV	846037	1204322	60.39%	3.792%
64	14.280	1866	1869	1875	rVB	93651	126059	6.32%	0.397%
65	14.527	1904	1911	1920	rBV	897056	1349612	67.68%	4.249%
66	14.833	1956	1963	1970	rVB2	539733	844677	42.36%	2.659%
67	15.045	1994	1999	2018	rBV	269671	551989	27.68%	1.738%
68	15.439	2061	2066	2071	rBV8	11326	21787	1.09%	0.069%
69	15.586	2085	2091	2095	rBV5	20657	38277	1.92%	0.121%
70	15.815	2124	2130	2143	rBV	1120125	1607872	80.63%	5.062%
71	15.957	2148	2154	2160	rBV	312718	445808	22.36%	1.404%

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72	16.504	2240	2247	2252	rBV4	26806	52410	2.63%	0.165%
73	16.921	2314	2318	2323	rBV7	12910	20432	1.02%	0.064%
74	17.562	2421	2427	2433	rBV2	591617	836490	41.95%	2.634%
75	17.662	2437	2444	2455	rBV	1078438	1597398	80.10%	5.029%
76	18.409	2566	2571	2580	rBV	228698	356704	17.89%	1.123%
77	19.509	2754	2758	2762	rBV4	38013	63903	3.20%	0.201%
78	19.621	2773	2777	2781	rBV	94621	121466	6.09%	0.382%
79	19.662	2781	2784	2788	rVB	82961	101627	5.10%	0.320%
80	19.780	2802	2804	2807	rBV3	19513	23384	1.17%	0.074%
81	19.921	2823	2828	2836	rVB	1041771	1414144	70.91%	4.452%
82	20.339	2895	2899	2904	rVB	200662	242840	12.18%	0.765%
83	20.403	2907	2910	2914	rVB2	24511	25722	1.29%	0.081%
84	20.727	2962	2965	2969	rVB	52257	58255	2.92%	0.183%
85	21.350	3067	3071	3081	rVB2	125317	191823	9.62%	0.604%
86	21.680	3122	3127	3132	rVB	520209	661228	33.16%	2.082%
87	22.227	3218	3220	3223	rVB4	45146	45751	2.29%	0.144%
88	23.891	3497	3503	3511	rVB	655261	1256490	63.01%	3.956%
89	24.044	3523	3529	3537	rVB3	324400	642737	32.23%	2.024%

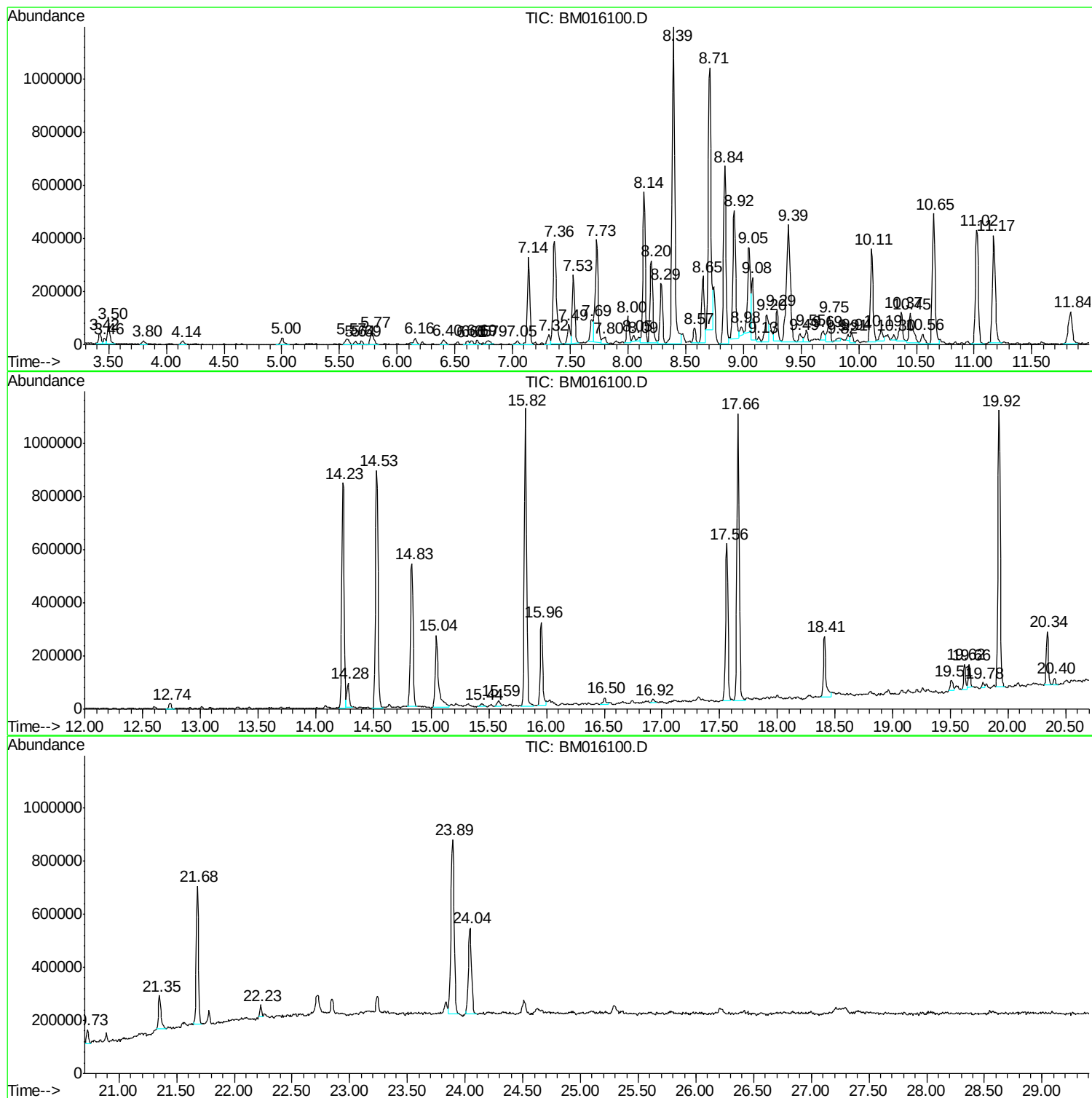
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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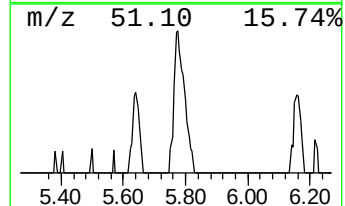
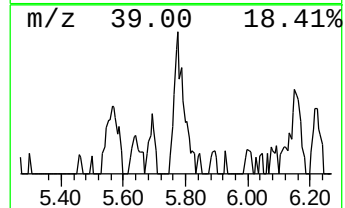
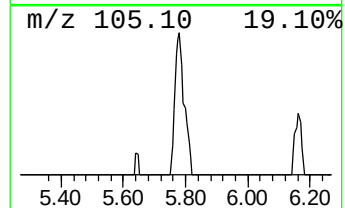
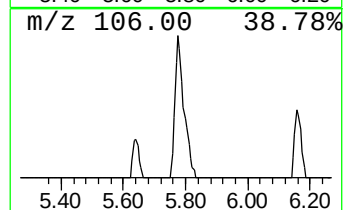
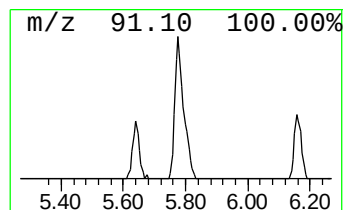
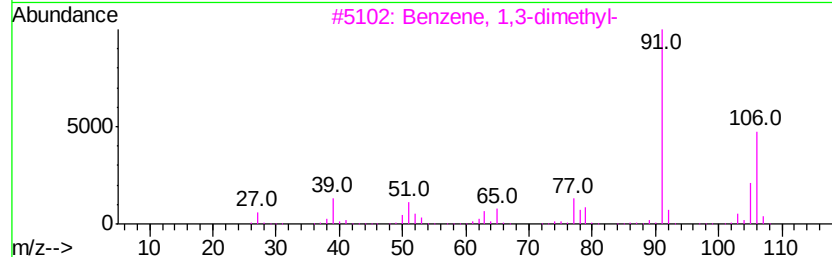
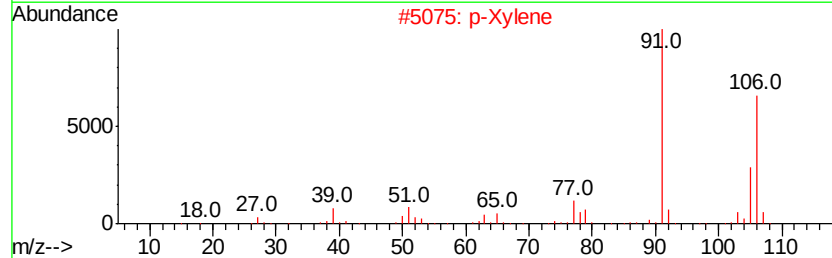
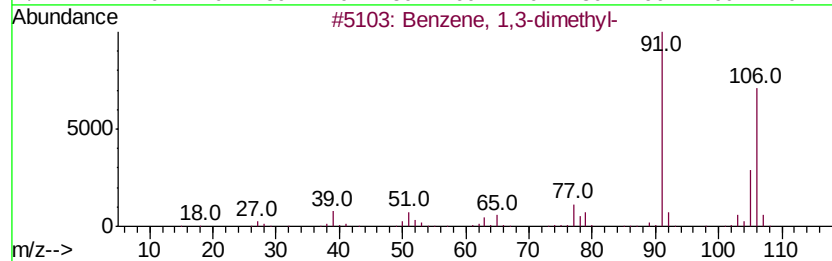
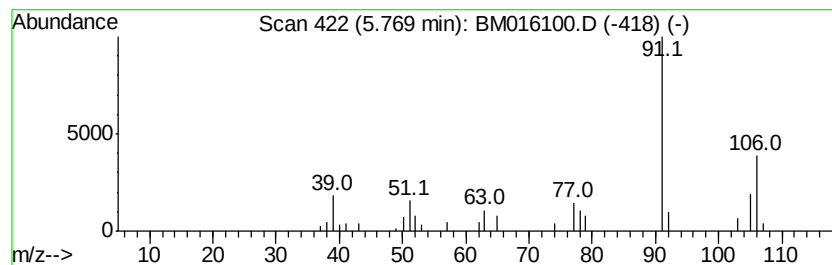
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.88 ng/ul	99411	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2			p-Xylene	106	C8H10	000106-42-3	94
3			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
4			o-Xylene	106	C8H10	000095-47-6	91
5			p-Xylene	106	C8H10	000106-42-3	91



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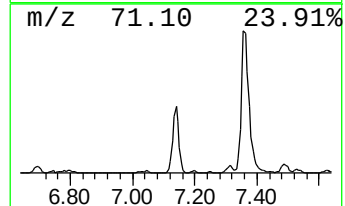
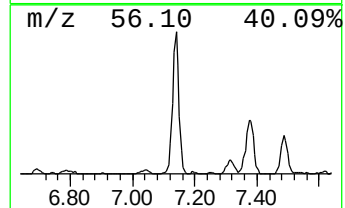
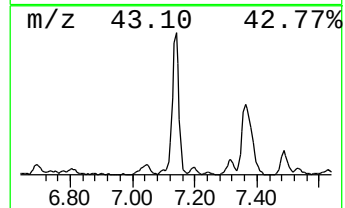
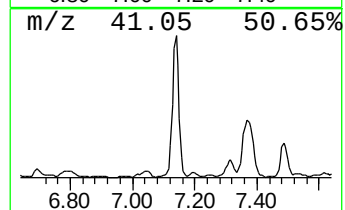
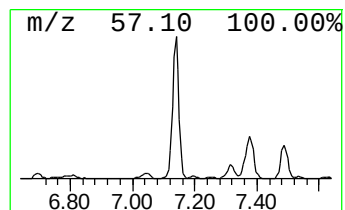
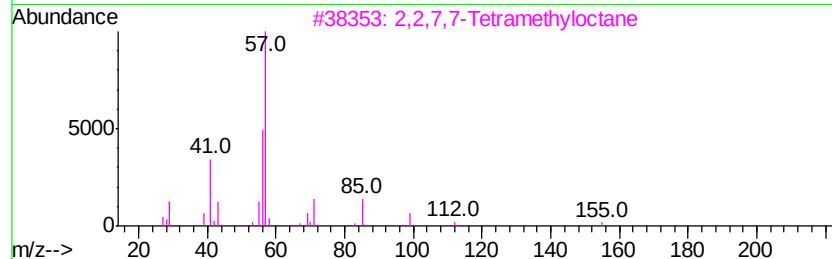
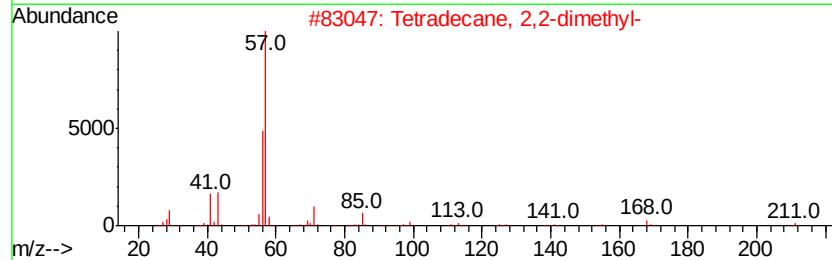
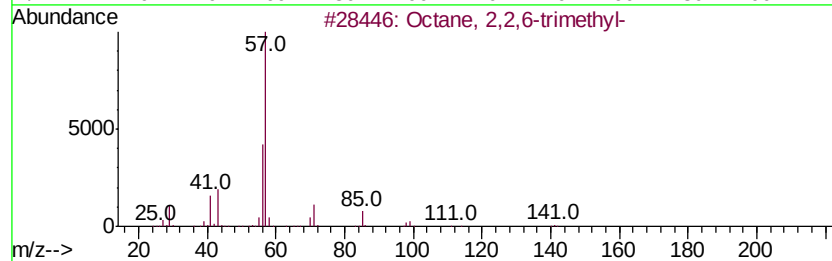
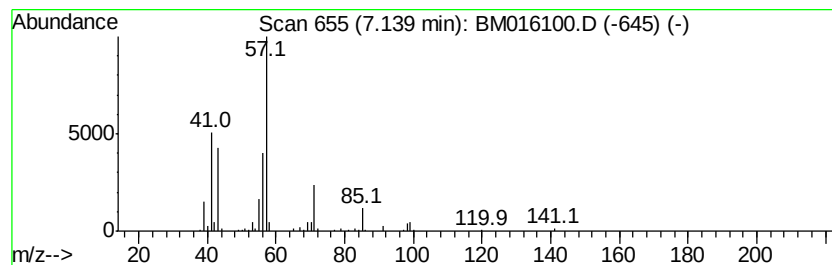
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Octane, 2,2,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	19.10 ng/ul	488832	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50



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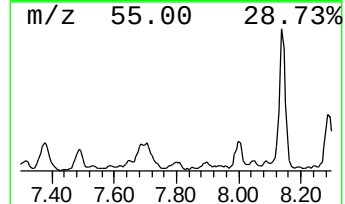
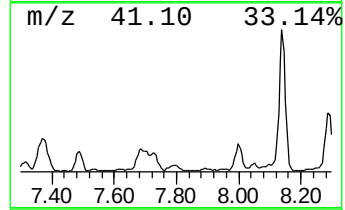
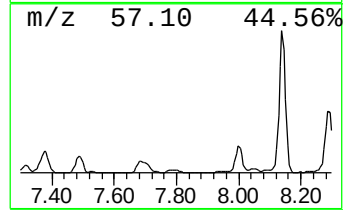
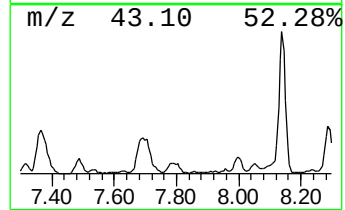
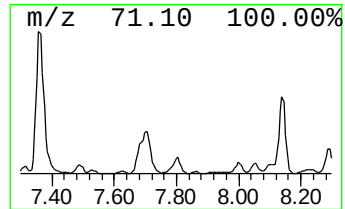
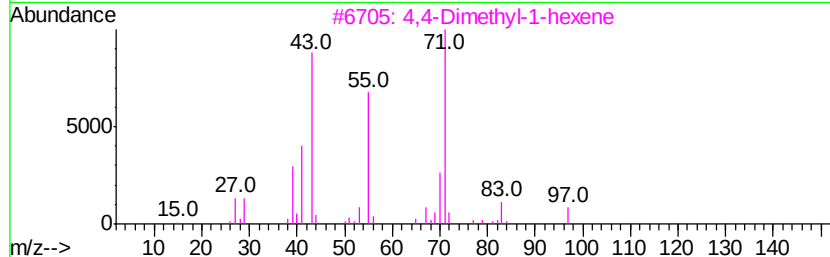
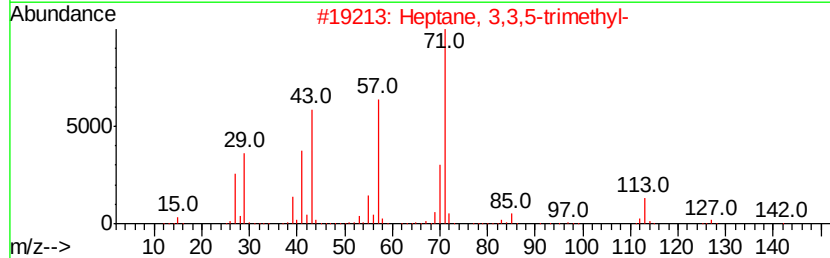
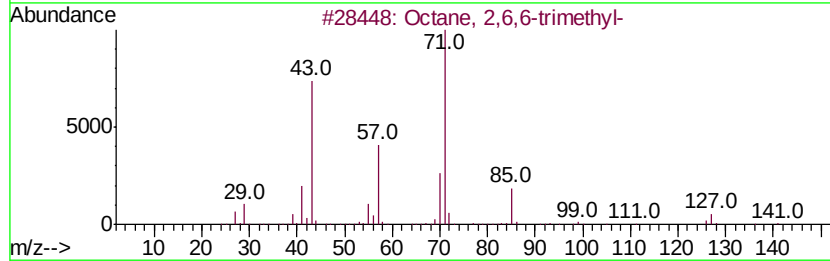
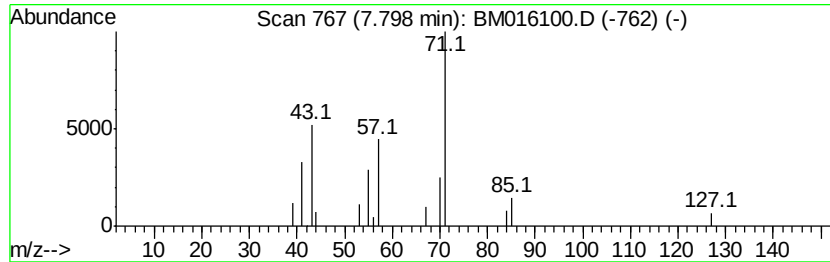
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.06 ng/ul	52760	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	45
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38
3		4,4-Dimethyl-1-hexene	112	C8H16	001647-08-1	38
4		Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	38
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38



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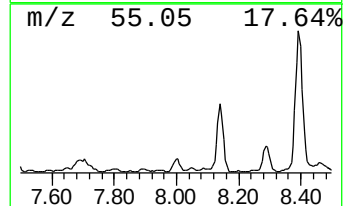
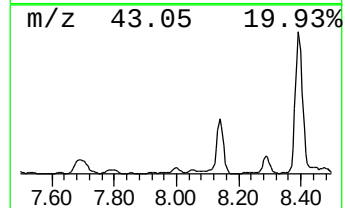
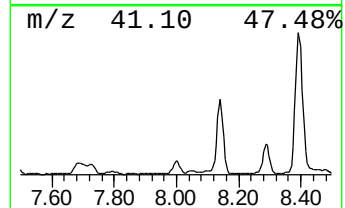
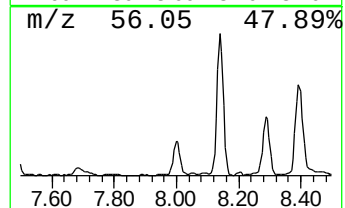
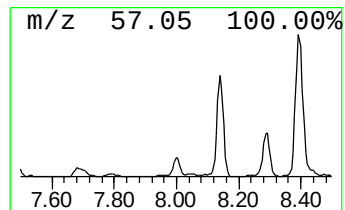
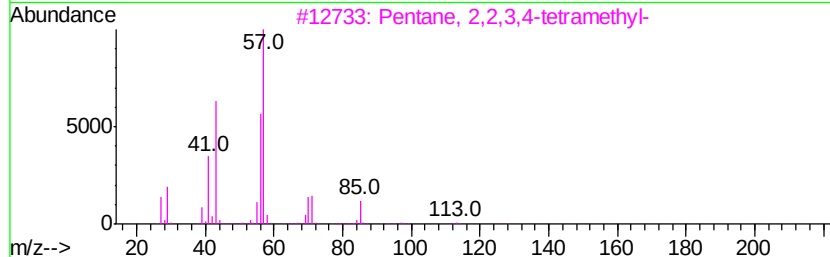
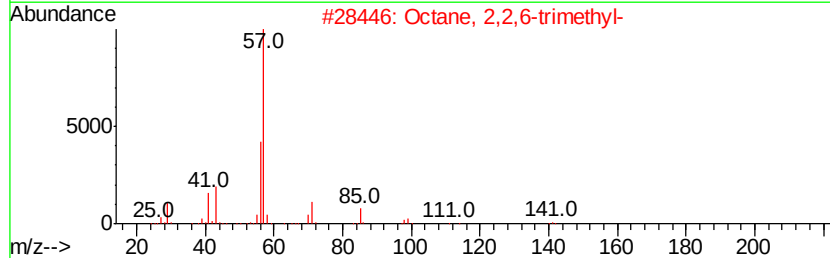
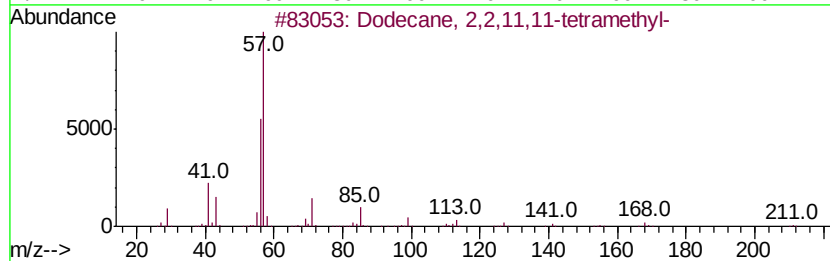
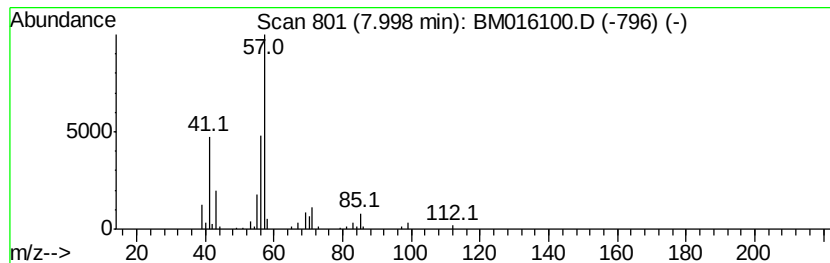
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	5.87 ng/ul	150186	1,4-Dichlorobenzene-d4	8.20

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	78
2		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
5		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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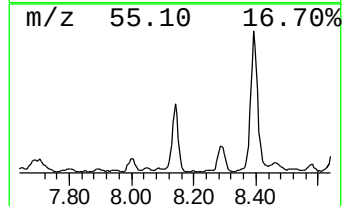
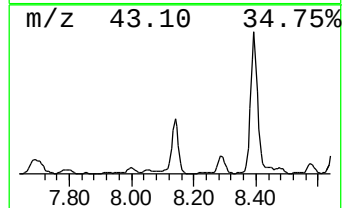
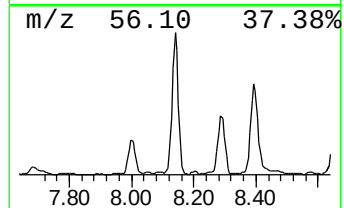
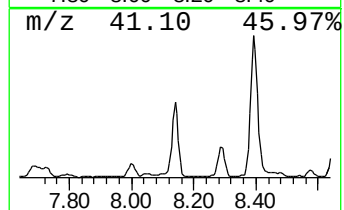
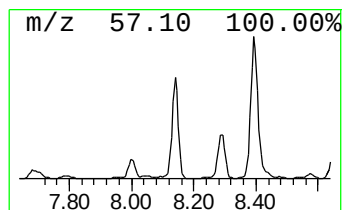
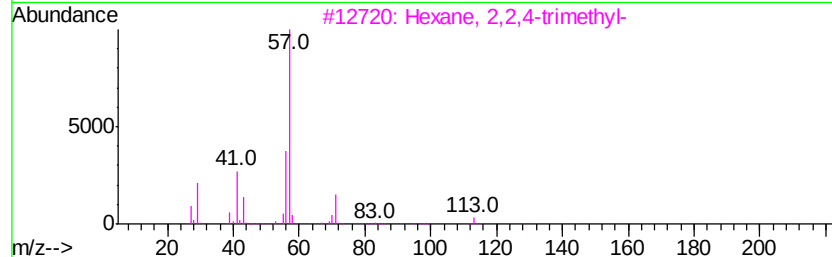
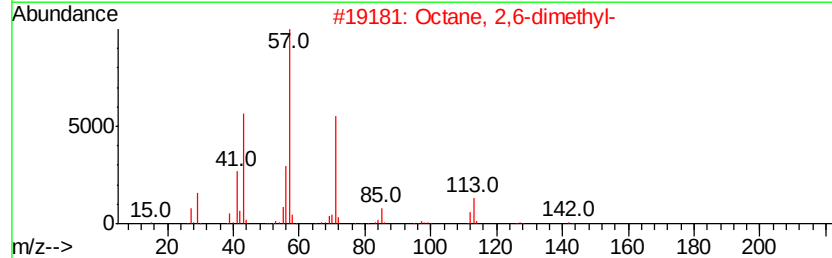
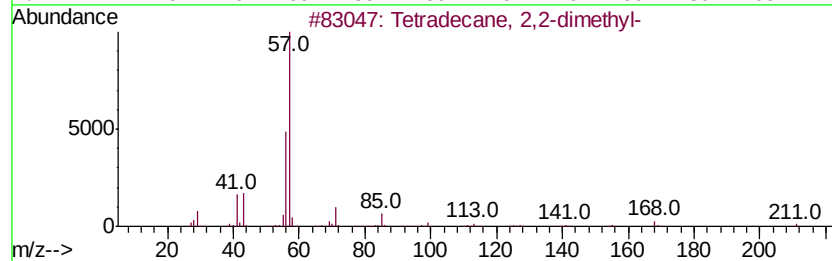
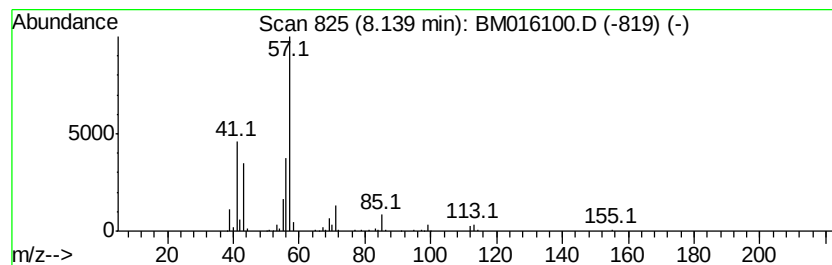
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	31.36 ng/ul	802494	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
5			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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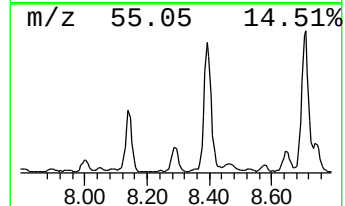
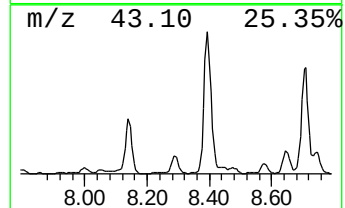
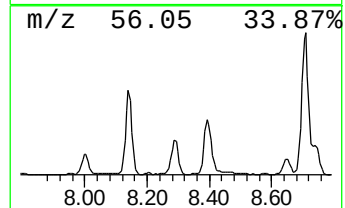
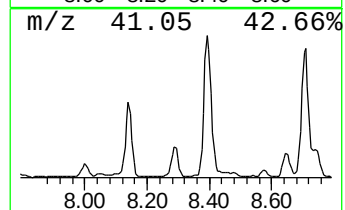
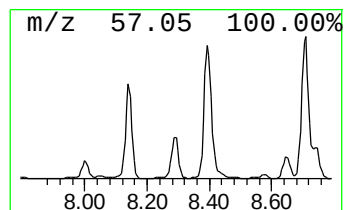
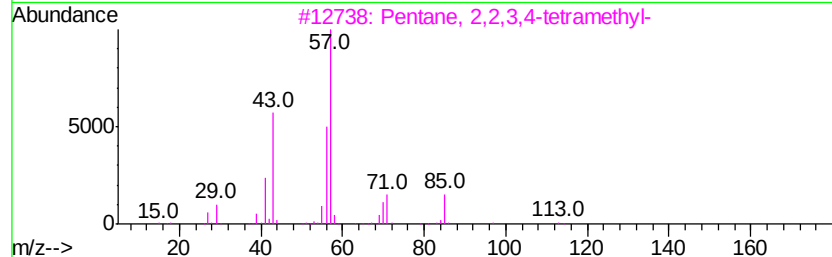
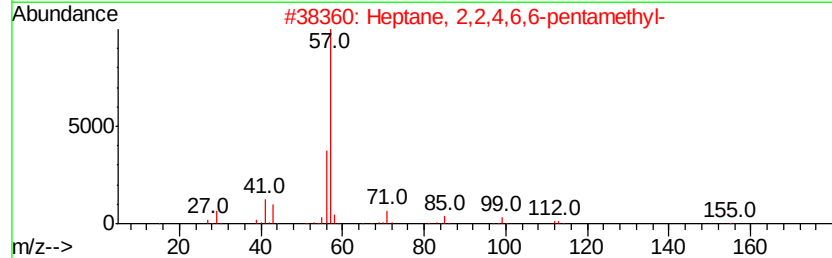
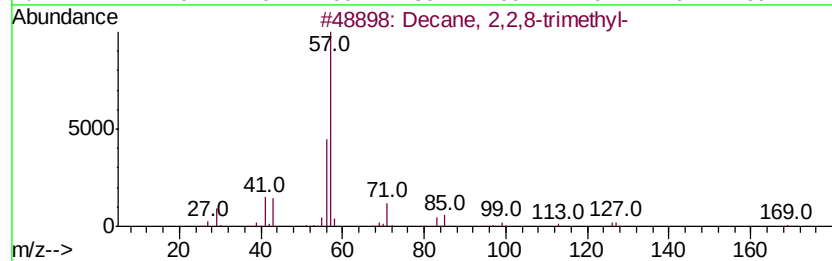
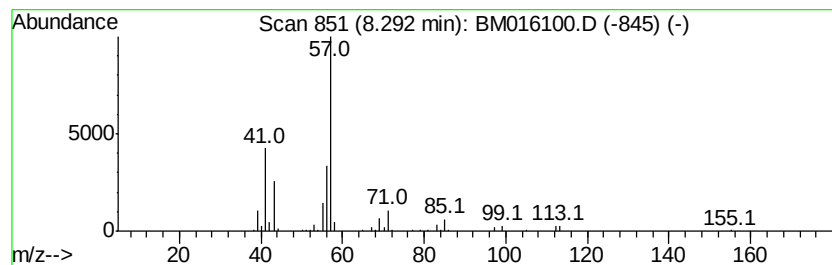
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	13.59 ng/ul	347829	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64
4		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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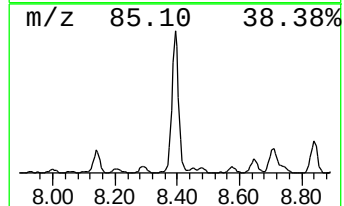
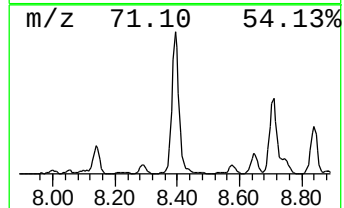
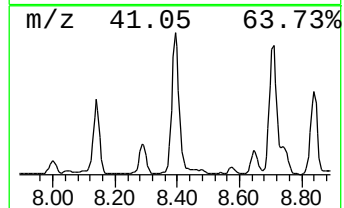
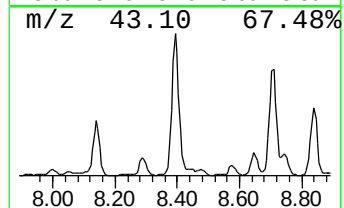
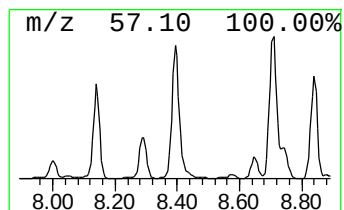
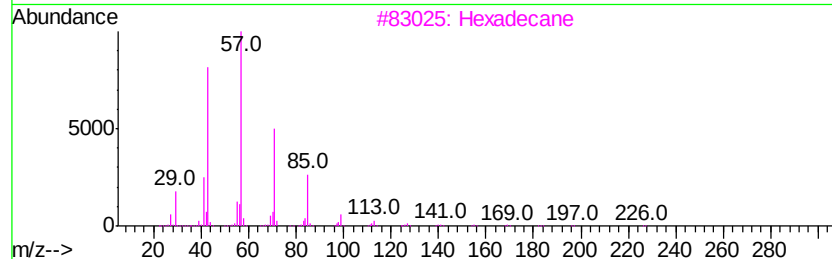
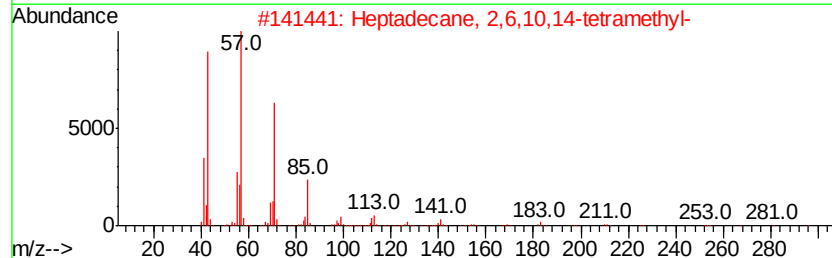
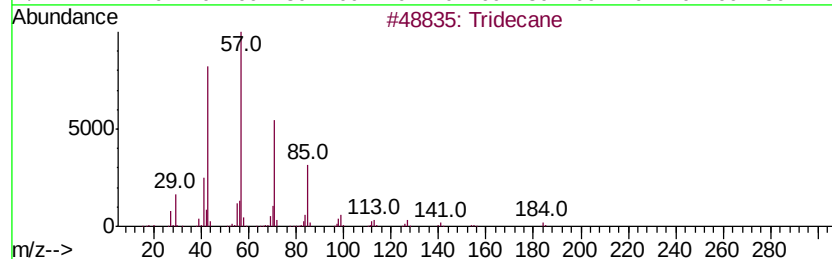
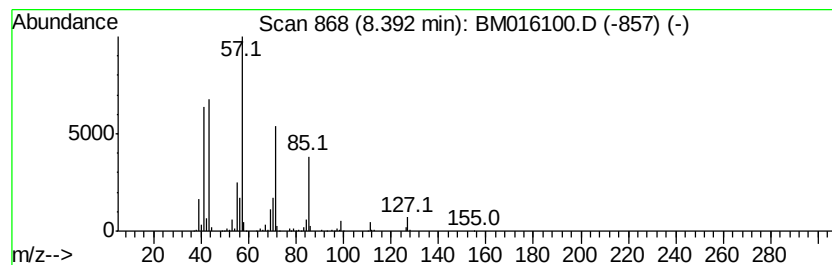
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.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.
8.39	77.93 ng/ul	1994180	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	72
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
3		Hexadecane	226	C16H34	000544-76-3	59
4		Tetradecane	198	C14H30	000629-59-4	59
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
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Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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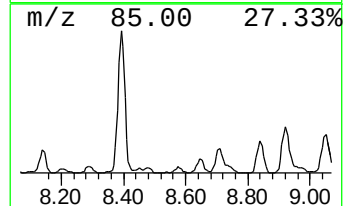
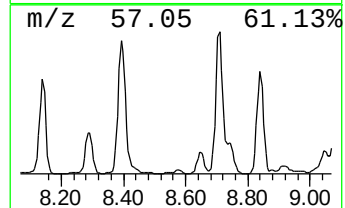
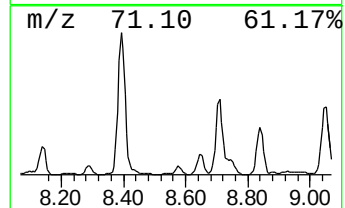
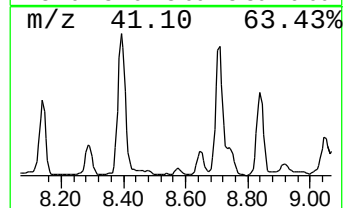
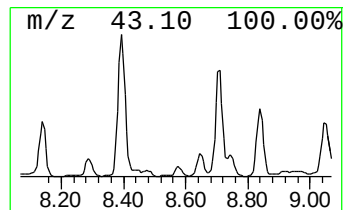
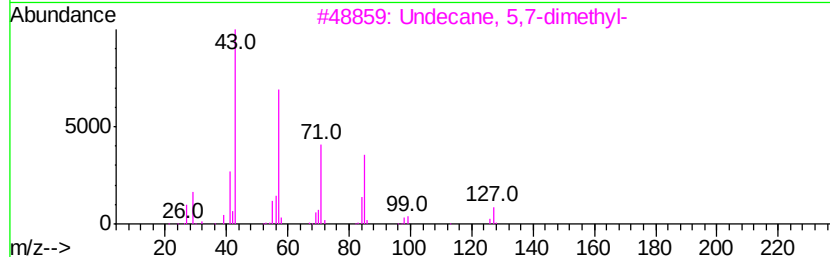
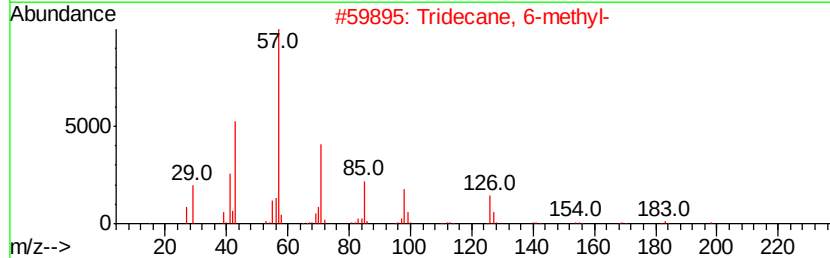
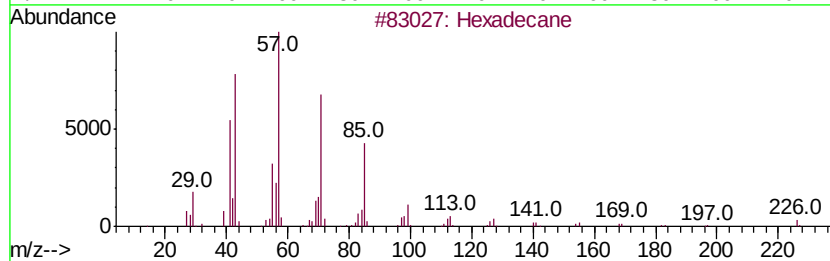
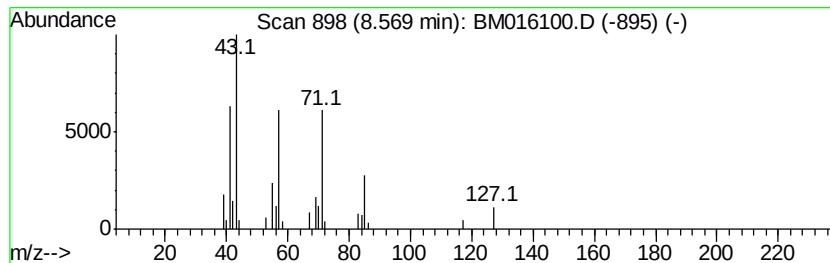
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.12 ng/ul	79958	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	72
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
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Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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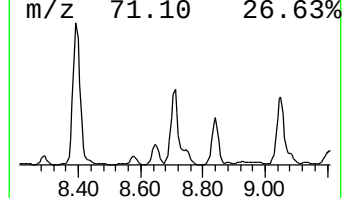
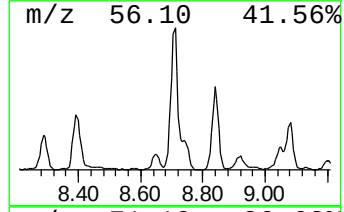
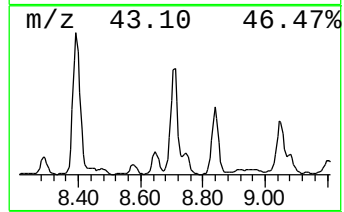
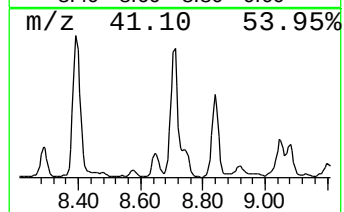
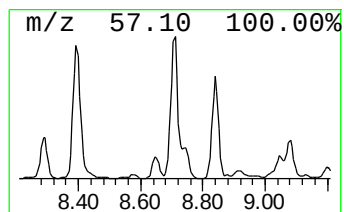
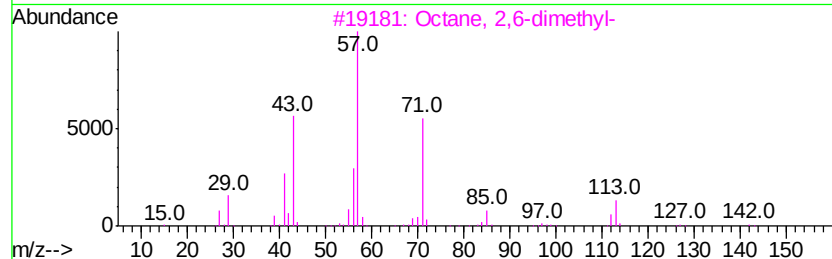
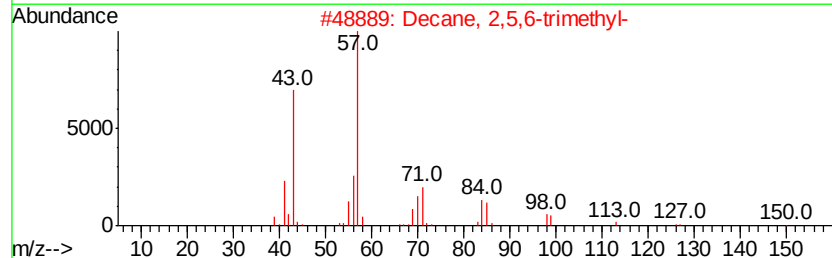
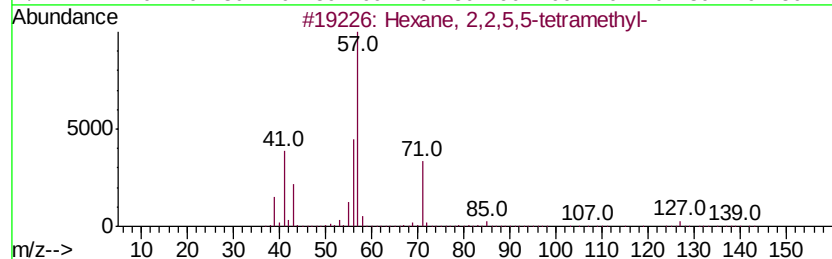
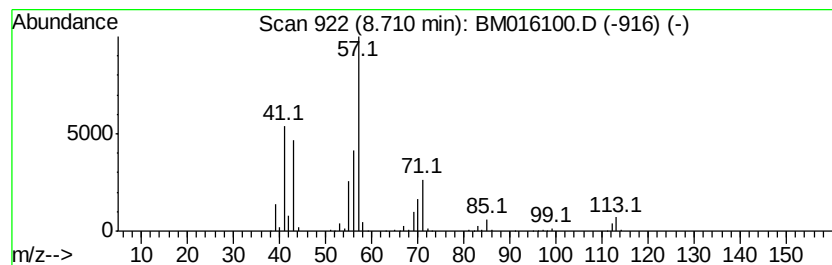
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	59.99 ng/ul	1535230	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4		Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	47
5		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
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Misc :
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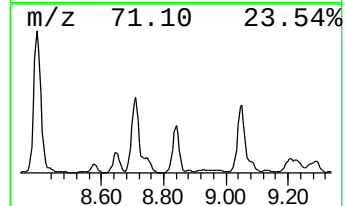
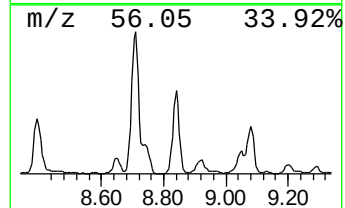
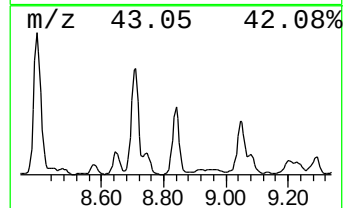
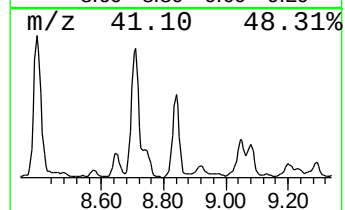
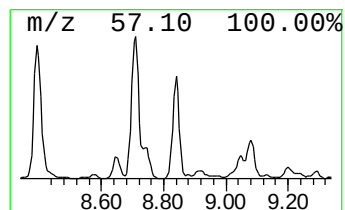
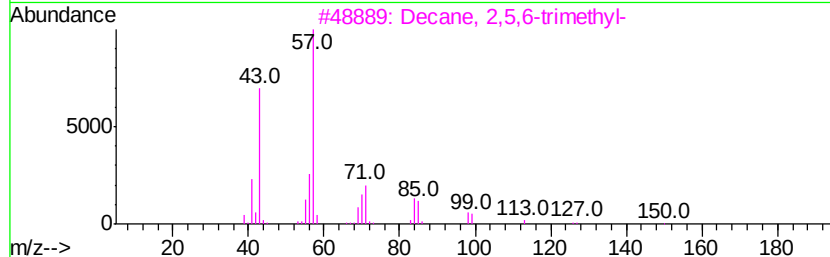
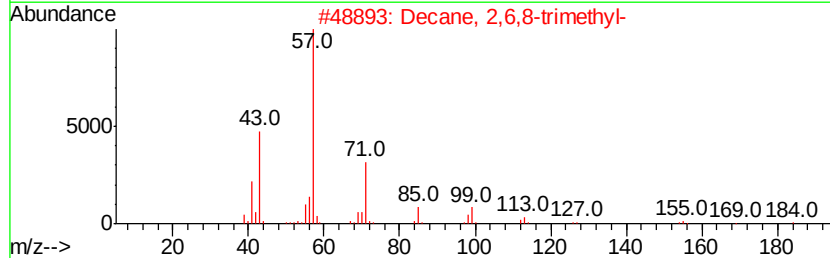
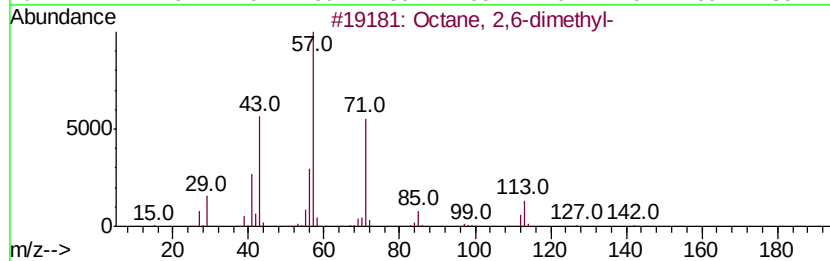
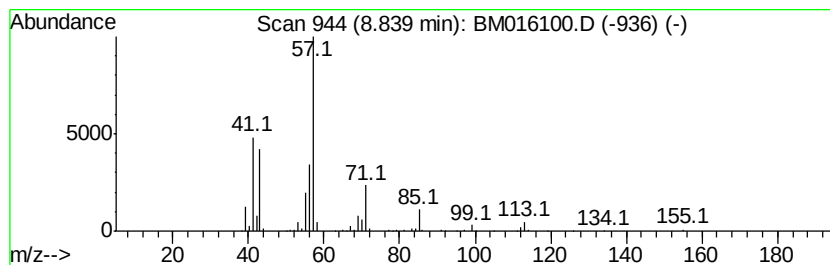
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	38.77 ng/ul	992036	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59



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Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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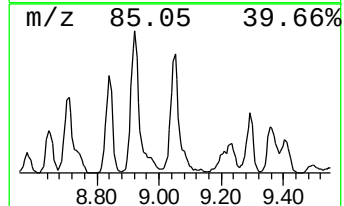
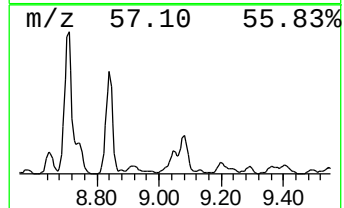
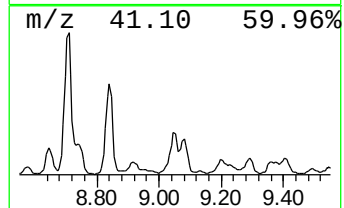
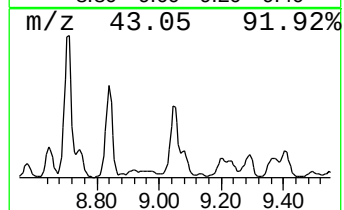
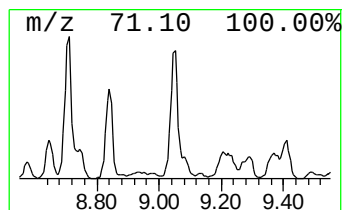
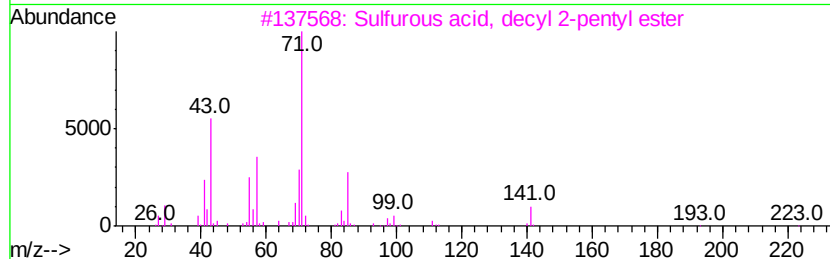
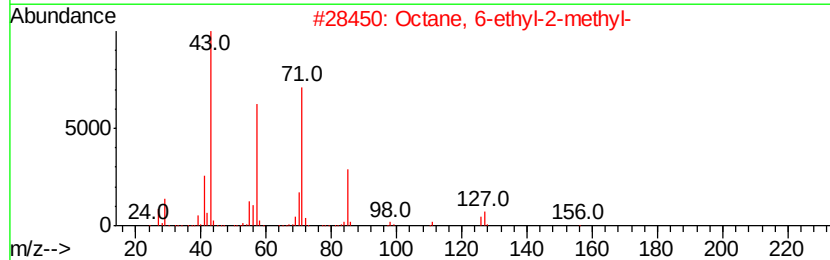
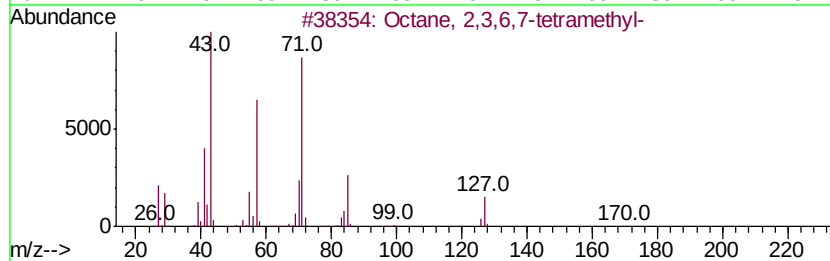
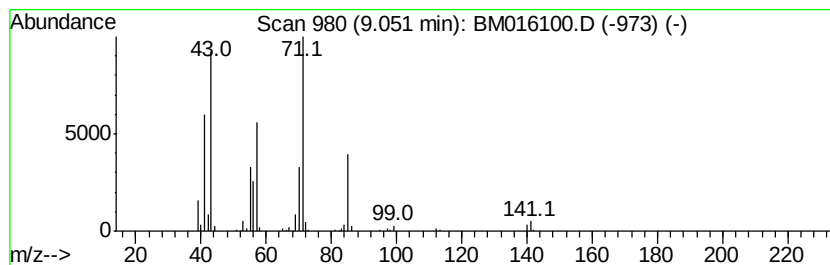
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	22.11 ng/ul	565695	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	72
2		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
3		Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	64
4		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	64
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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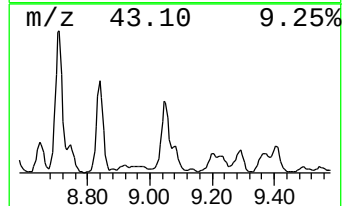
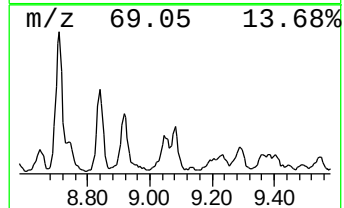
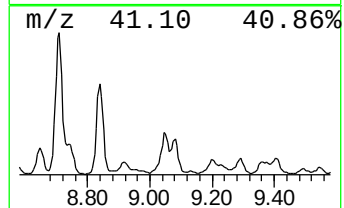
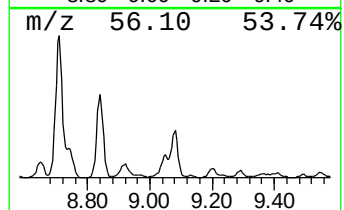
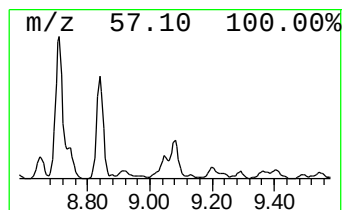
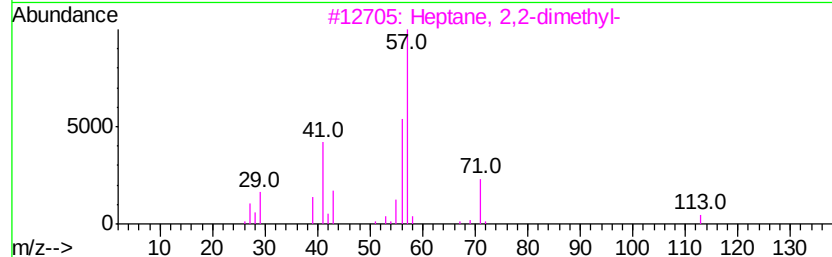
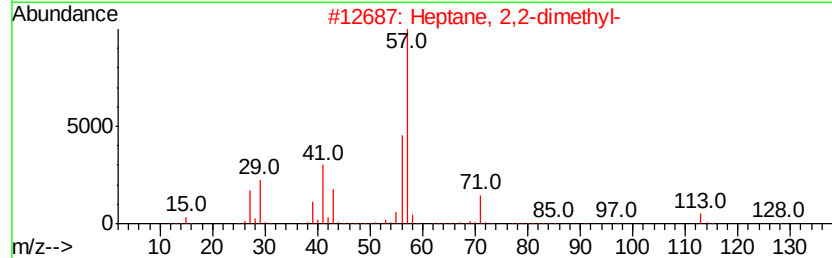
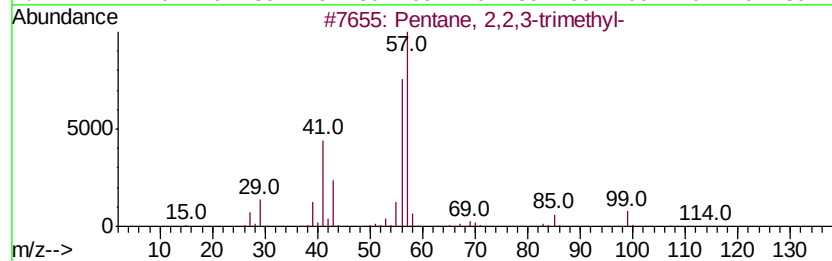
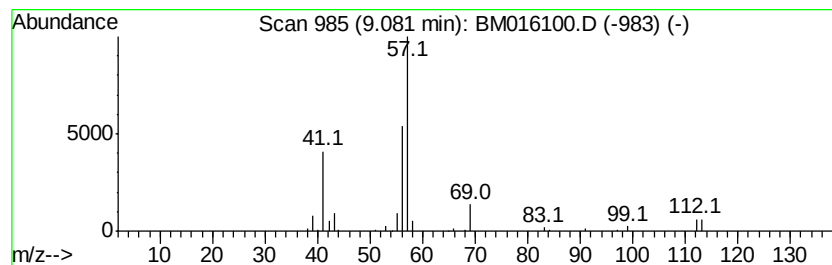
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	11.33 ng/ul	289900	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
2		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
3		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
4		Pentane, 3-methyl-	86	C6H14	000096-14-0	45
5		Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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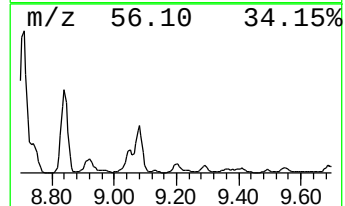
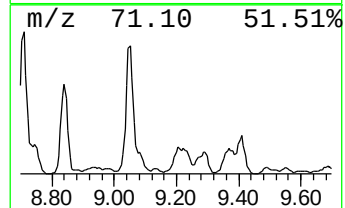
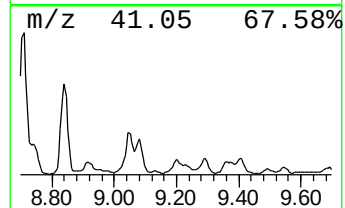
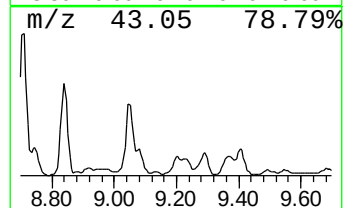
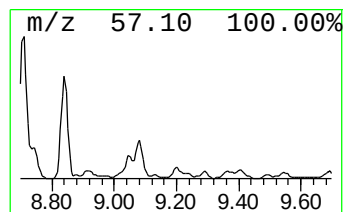
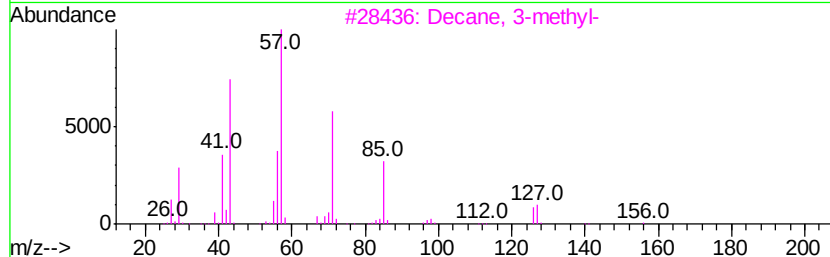
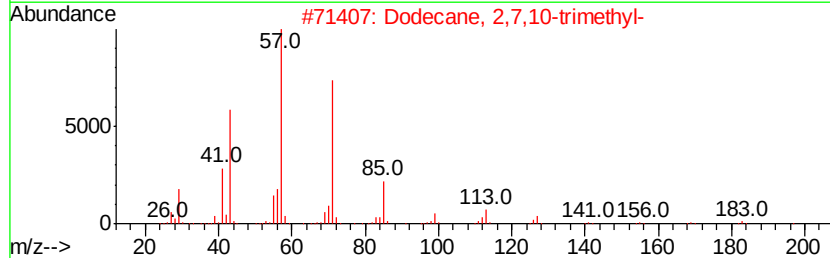
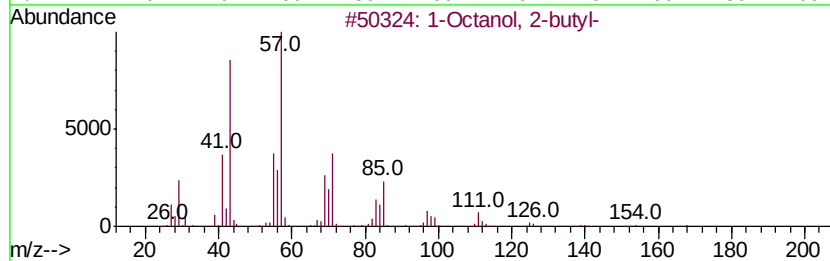
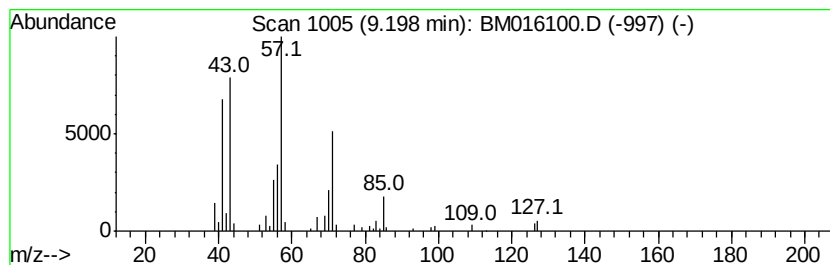
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1-Octanol, 2-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	8.41 ng/ul	215139	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3			Decane, 3-methyl-	156	C11H24	013151-34-3	59
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
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Instrument :
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ClientSampleId :
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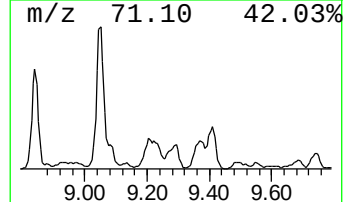
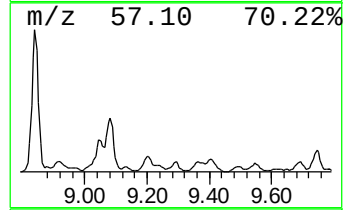
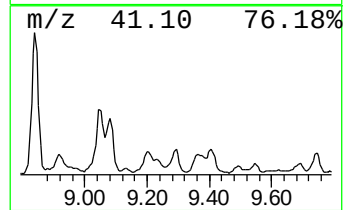
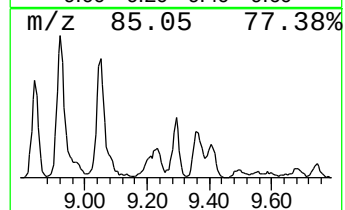
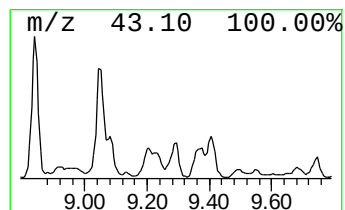
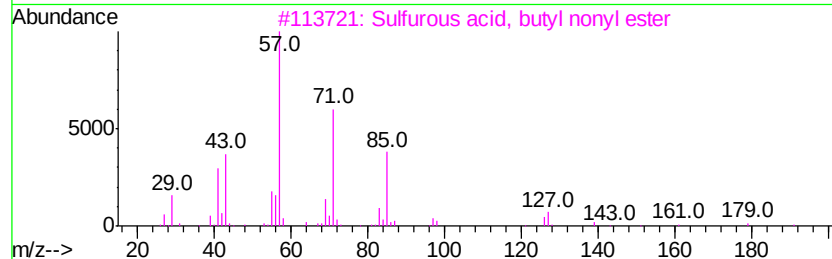
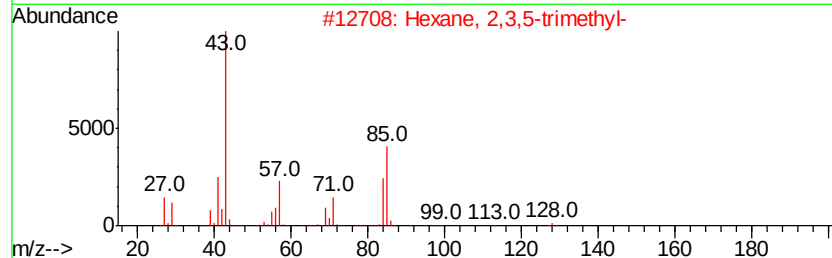
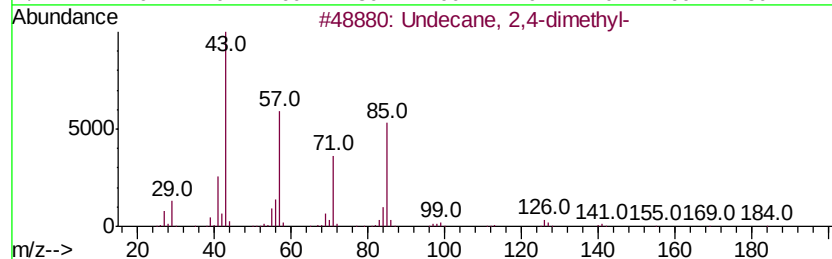
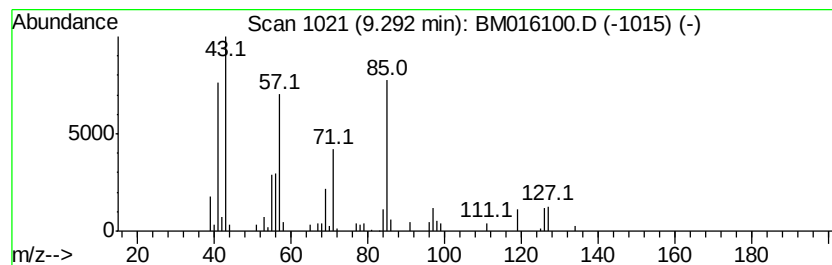
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	8.16 ng/ul	208746	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
2			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53
3			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4			Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	45
5			Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
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Sample : J4172-06
Misc :
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Instrument :
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ClientSampleId :
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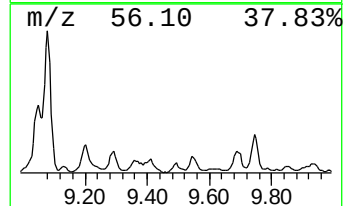
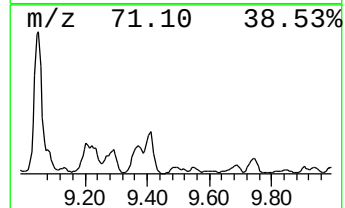
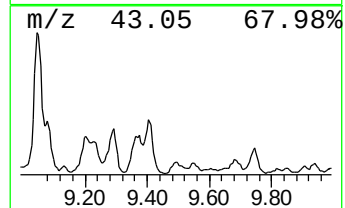
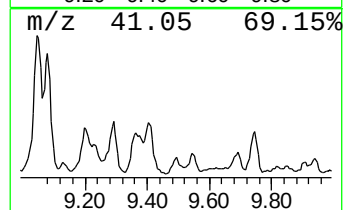
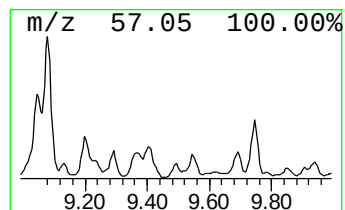
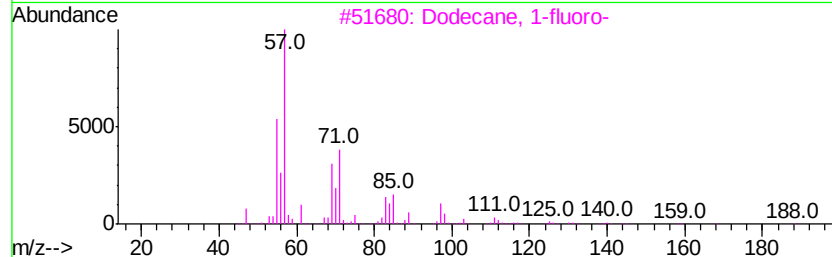
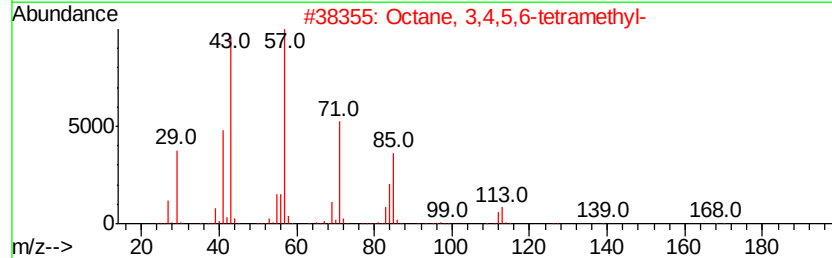
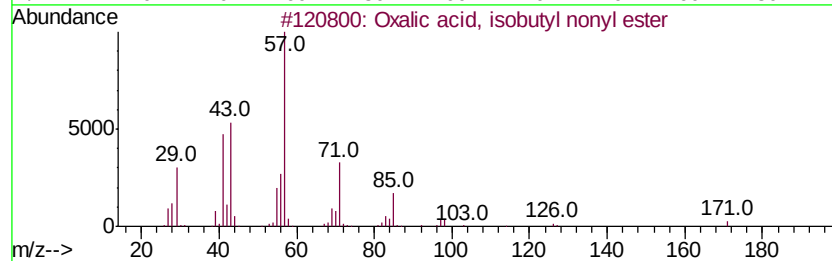
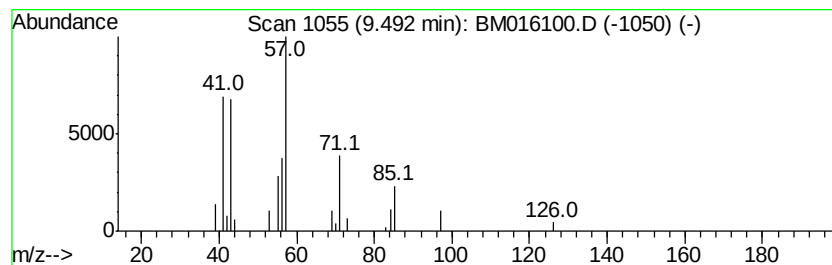
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Oxalic acid, isobutyl nonyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.31 ng/ul	59111	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	64
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3		Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	50
4		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	50
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
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Sample : J4172-06
Misc :
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Instrument :
BNA_M
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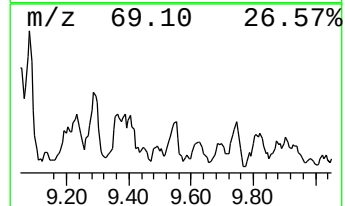
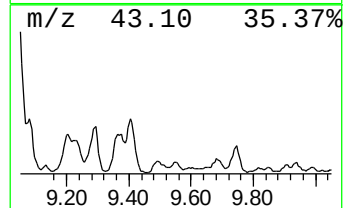
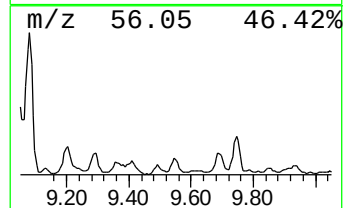
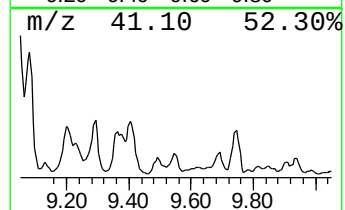
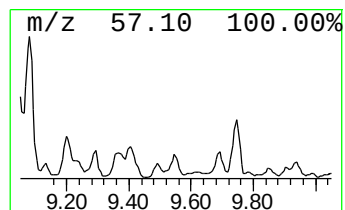
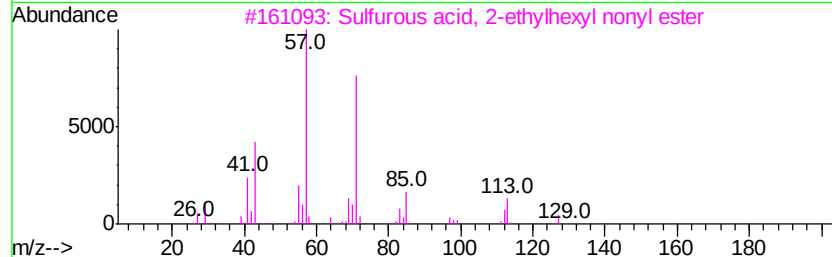
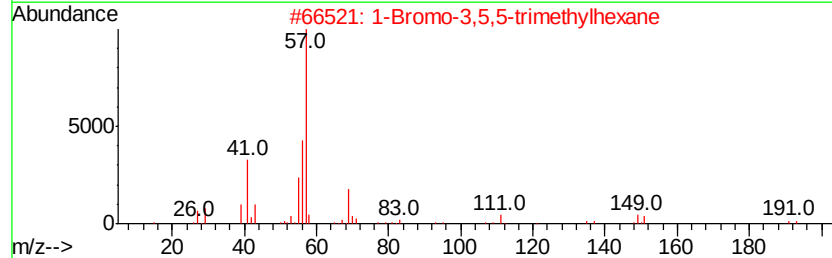
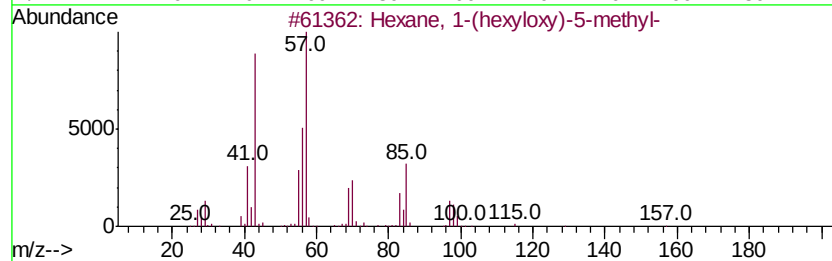
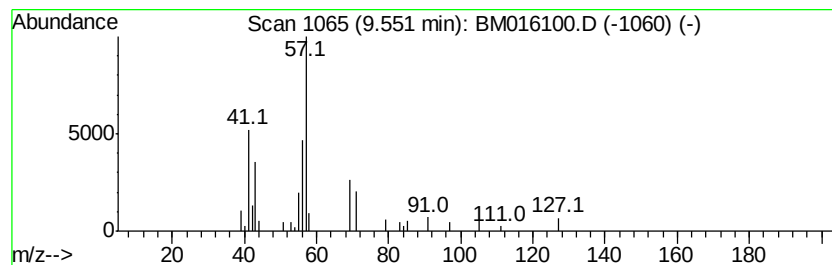
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.80 ng/ul	71649	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	40
2		1-Bromo-3,5,5-trimethylhexane	206	C9H19Br	050915-80-5	40
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	38
4		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	38
5		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
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ClientSampleId :
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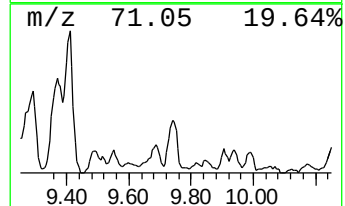
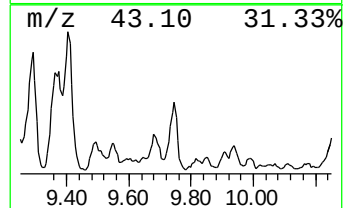
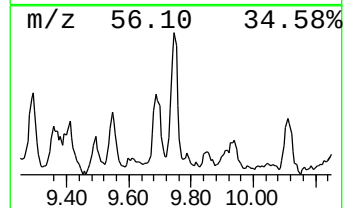
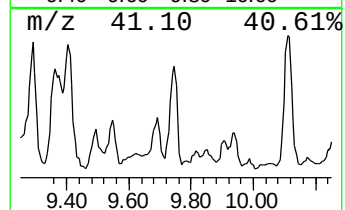
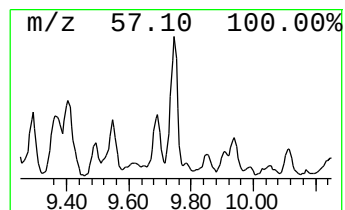
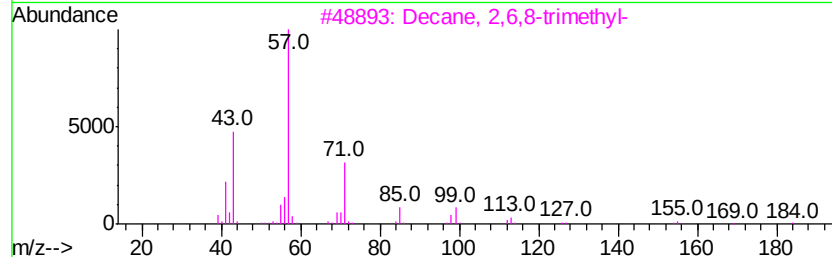
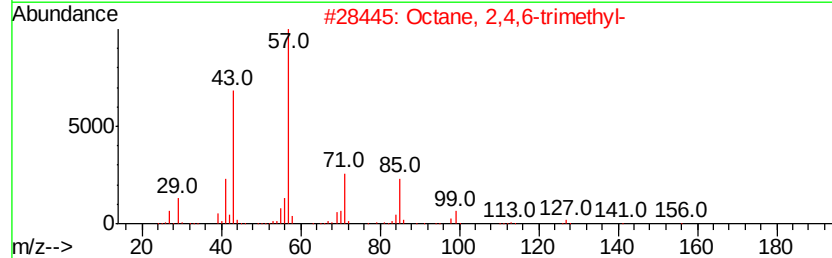
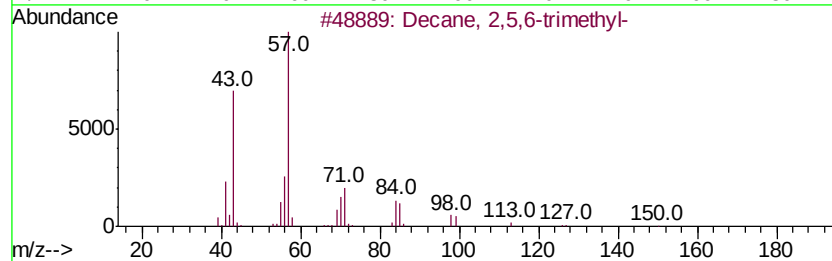
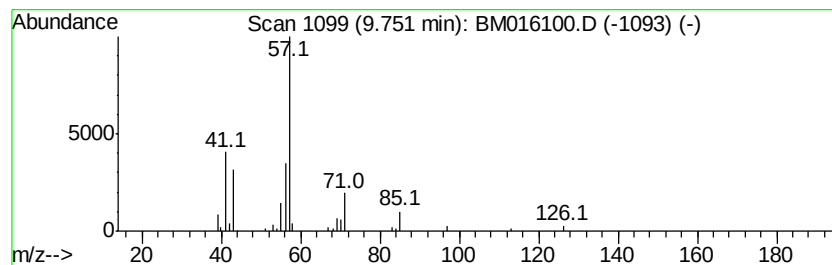
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	4.19 ng/ul	157524	Napthalene-d8	11.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53
4			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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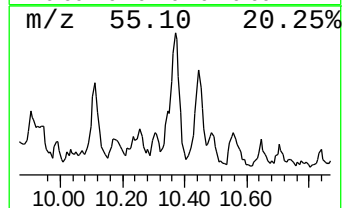
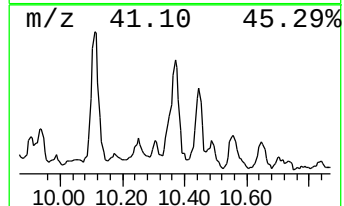
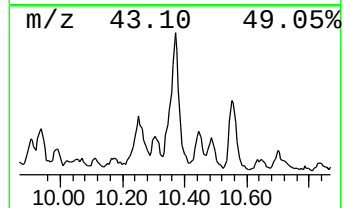
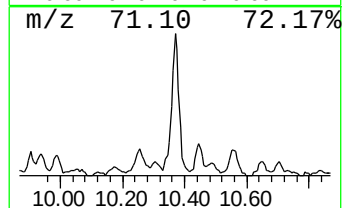
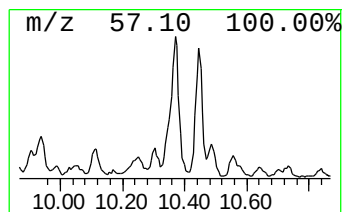
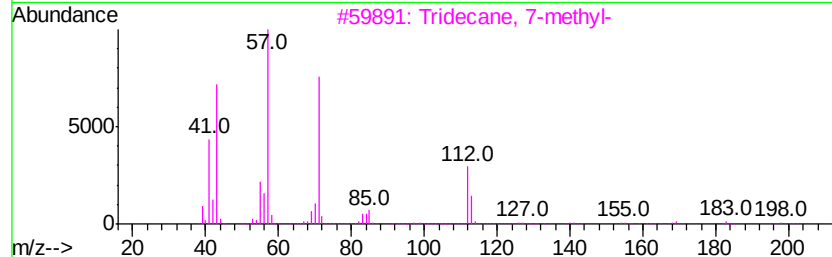
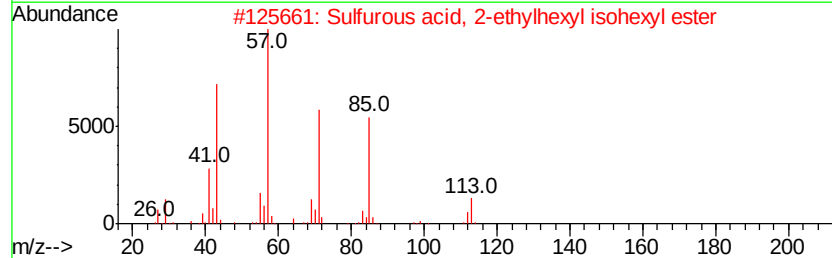
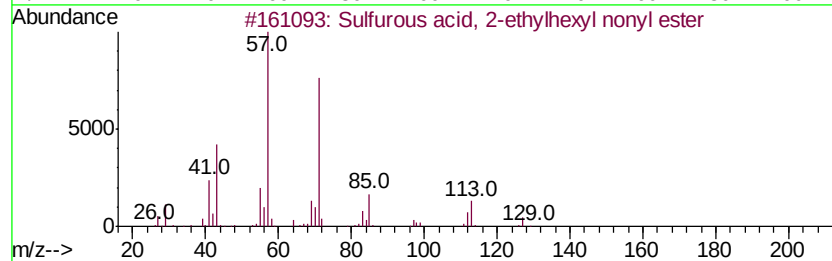
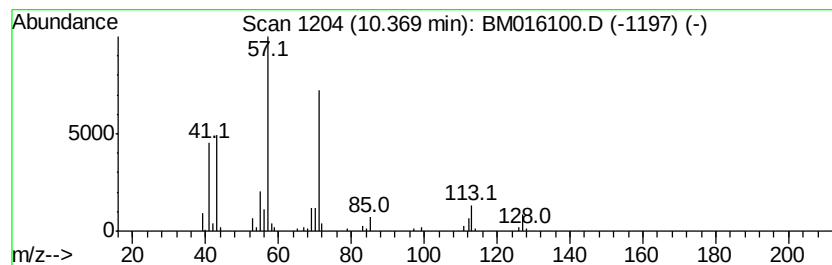
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Sulfurous acid, 2-ethylhexy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	5.22 ng/ul	195963	Napthalene-d8	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	86
2		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
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Sample : J4172-06
Misc :
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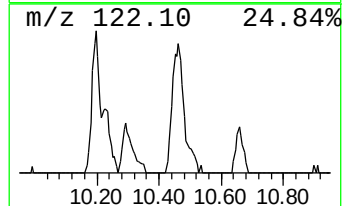
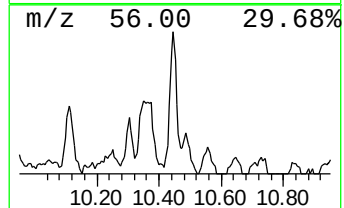
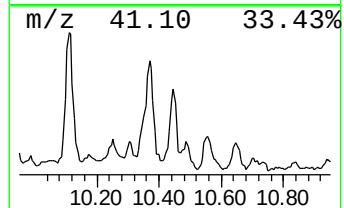
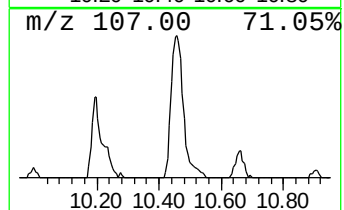
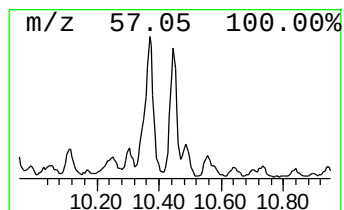
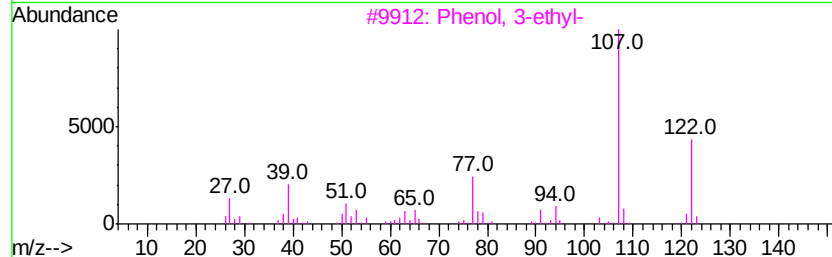
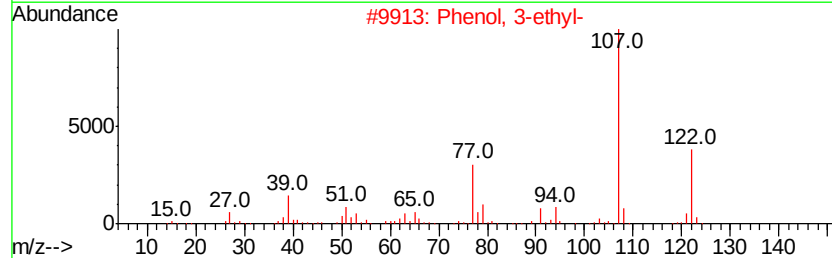
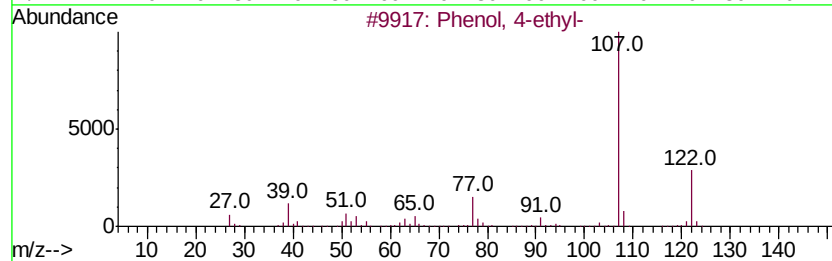
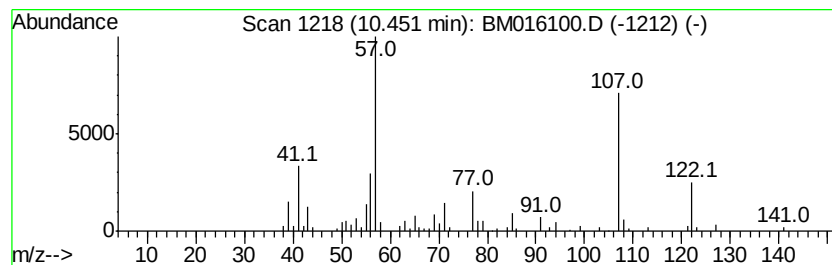
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	7.30 ng/ul	274051	Naphthalene-d8	11.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 4-ethyl-	122 C8H10O	000123-07-9	45
2	Phenol, 3-ethyl-	122 C8H10O	000620-17-7	43
3	Phenol, 3-ethyl-	122 C8H10O	000620-17-7	43
4	Phenol, 4-ethyl-	122 C8H10O	000123-07-9	43
5	1,6-Dimethylhepta-1,3,5-triene	122 C9H14	1000196-61-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
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Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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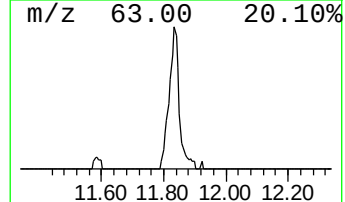
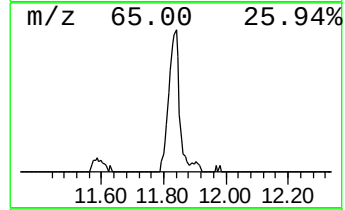
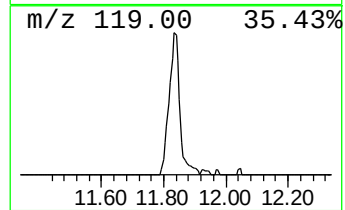
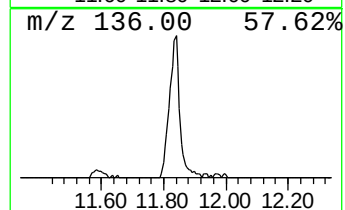
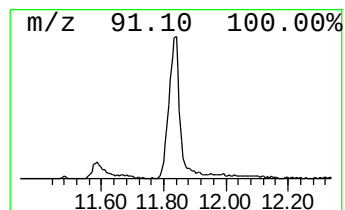
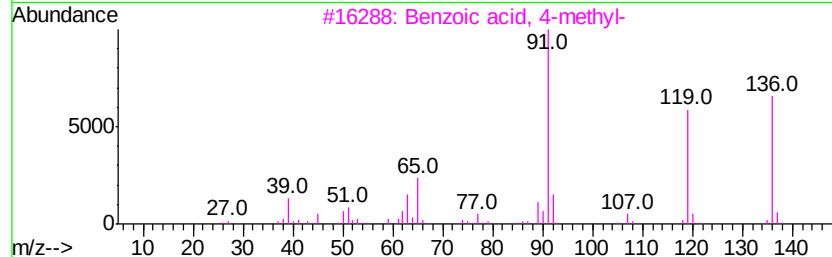
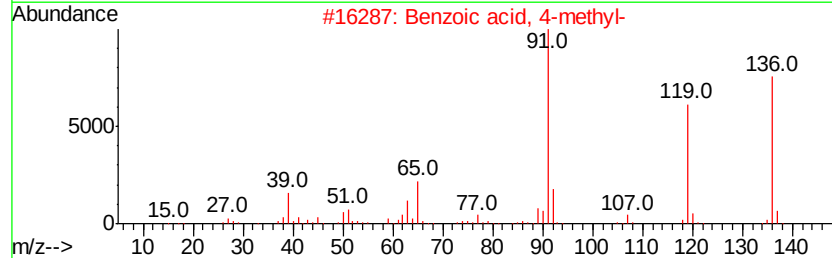
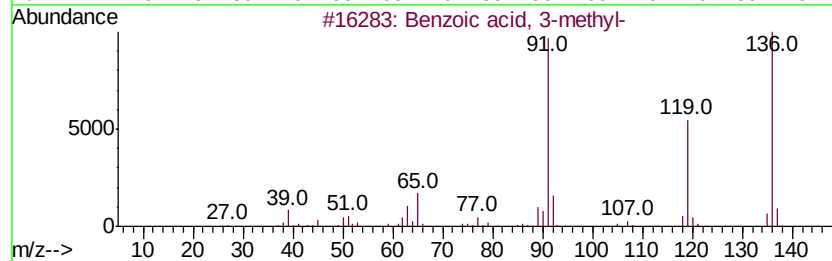
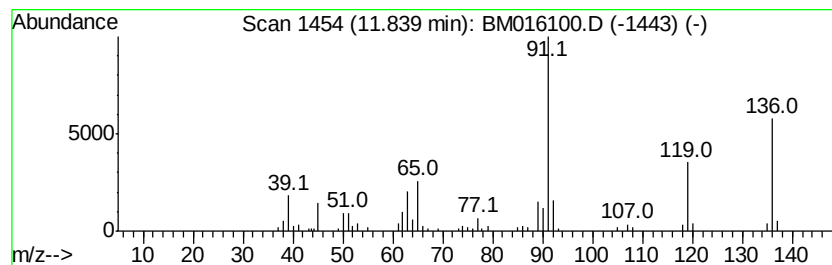
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzoic acid, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	7.77 ng/ul	291939	Napthalene-d8	11.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	94
2		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	91
3		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	91
4		Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	91
5		Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
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Misc :
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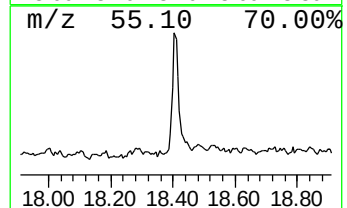
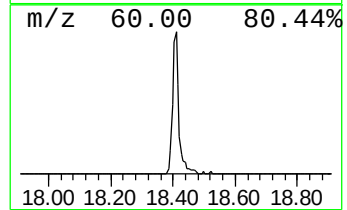
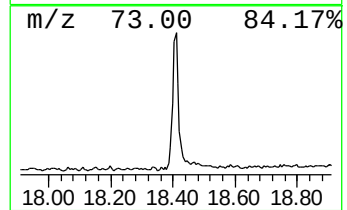
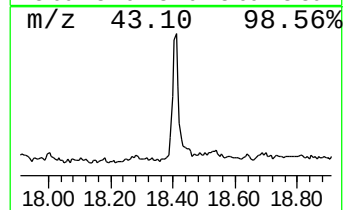
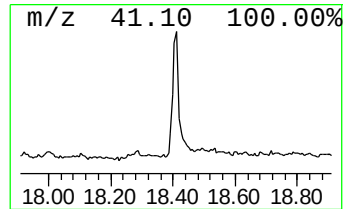
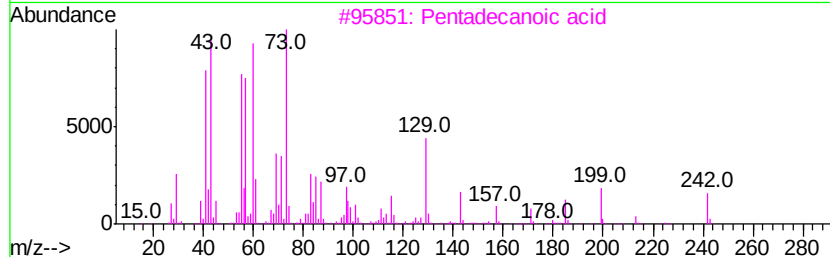
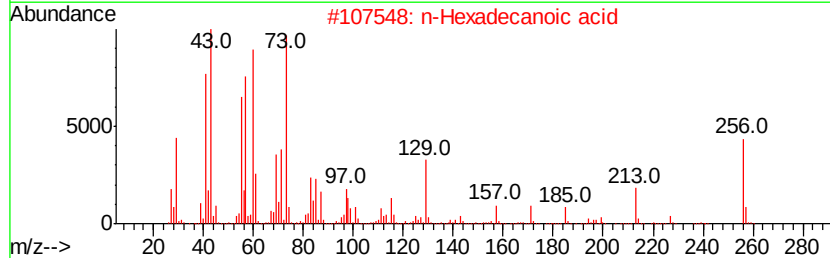
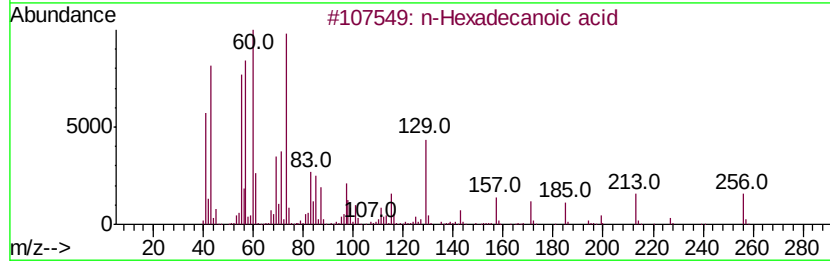
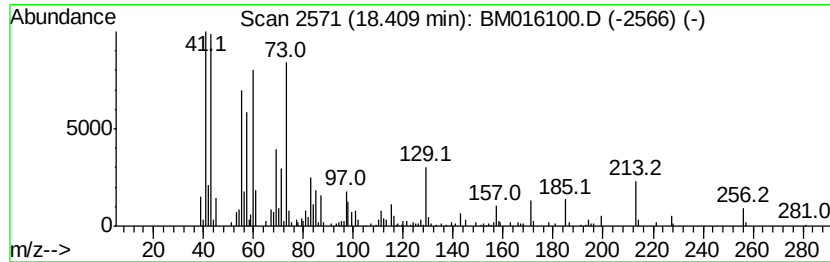
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.41	8.53 ng/ul	356704	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
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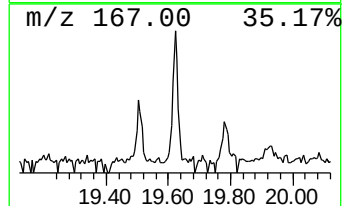
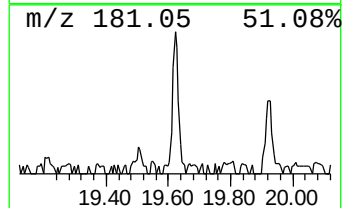
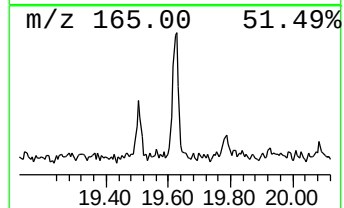
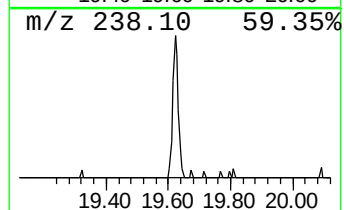
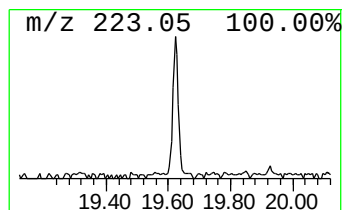
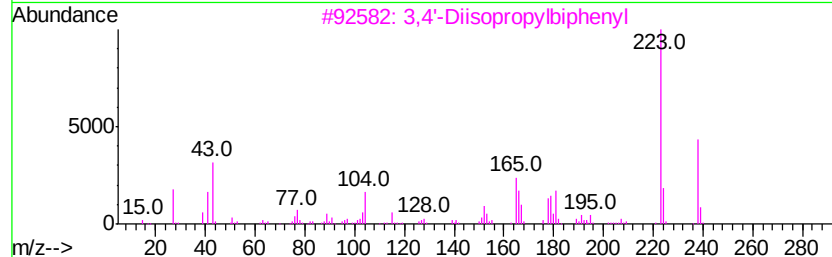
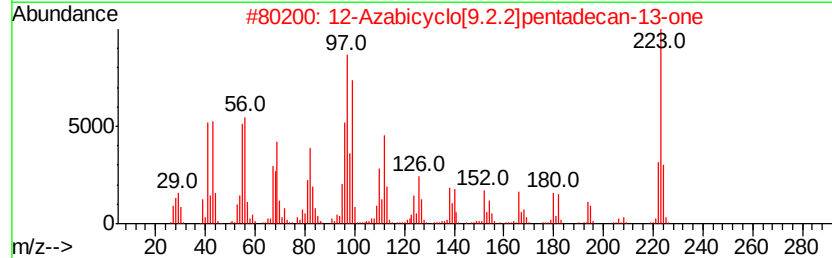
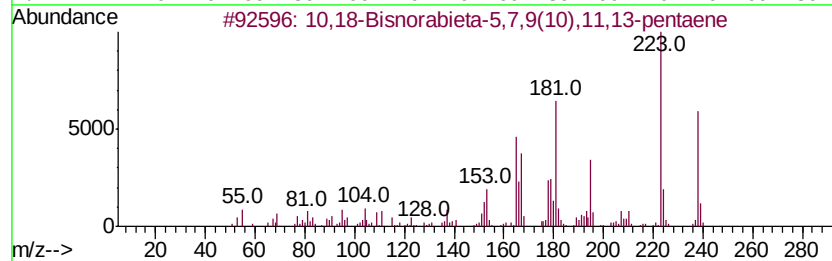
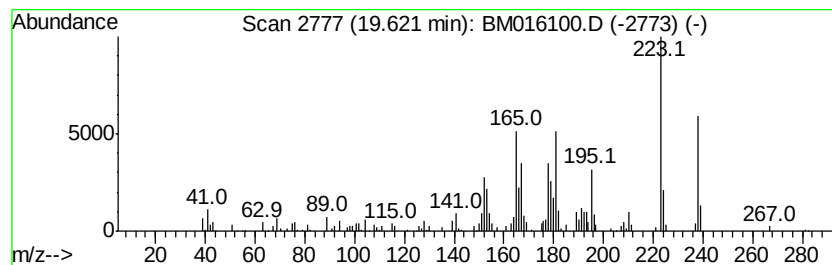
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.90 ng/ul	121466	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	60
3		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	52
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	43
5		4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
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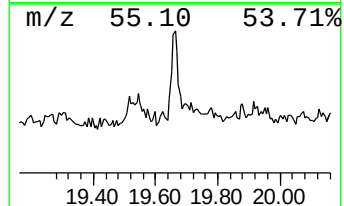
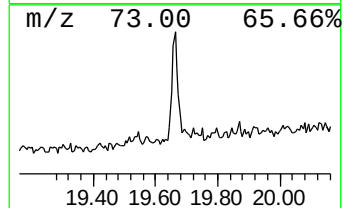
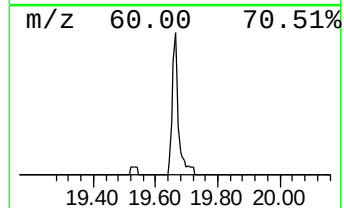
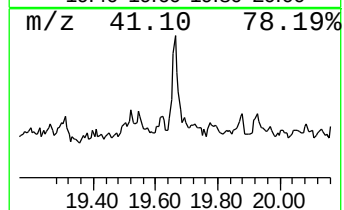
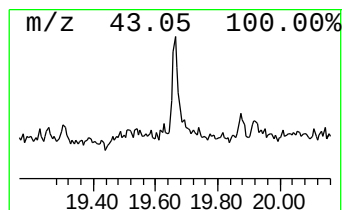
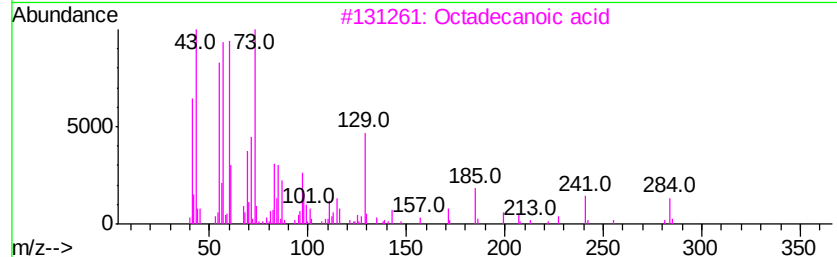
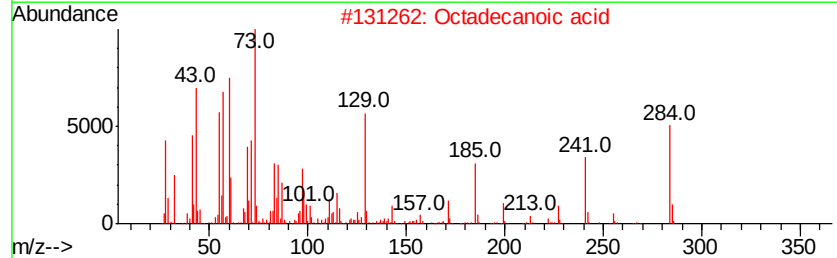
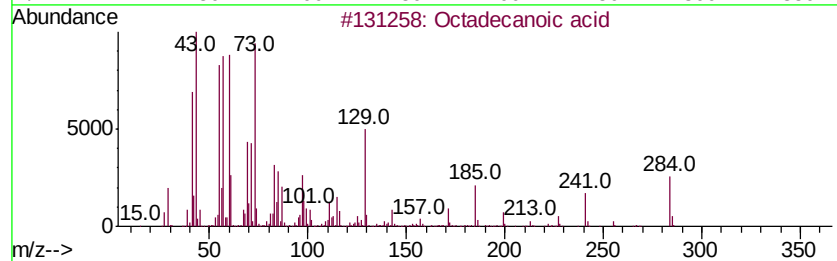
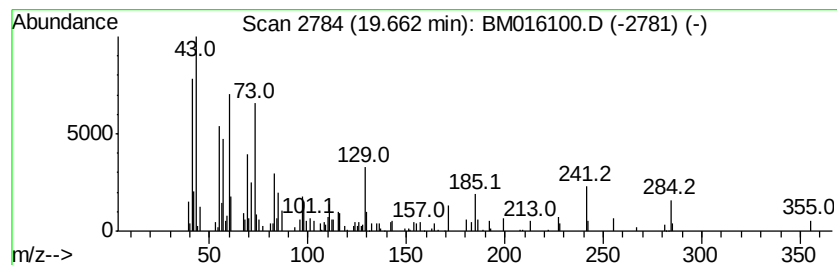
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.66	3.07 ng/ul	101627	Chrysene-d12		21.68	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Octadecanoic acid		284	C18H36O2	000057-11-4	97
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Octadecanoic acid		284	C18H36O2	000057-11-4	90
5	Octadecanoic acid		284	C18H36O2	000057-11-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
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Acq On : 27 Jul 2018 13:33
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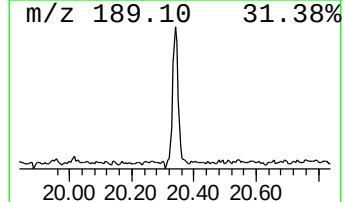
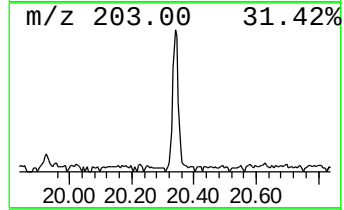
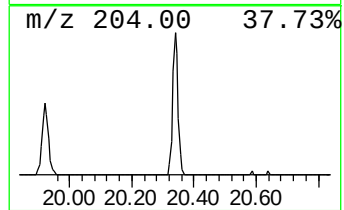
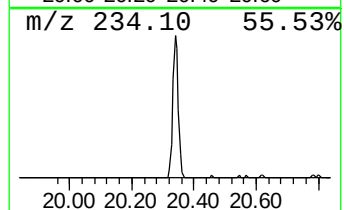
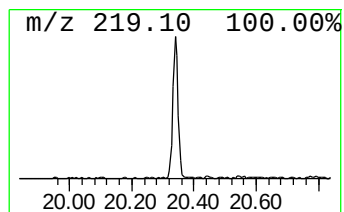
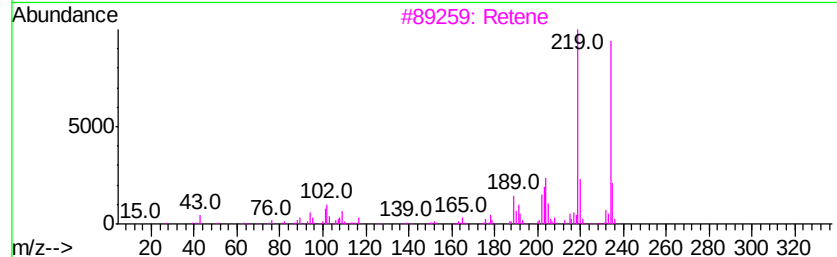
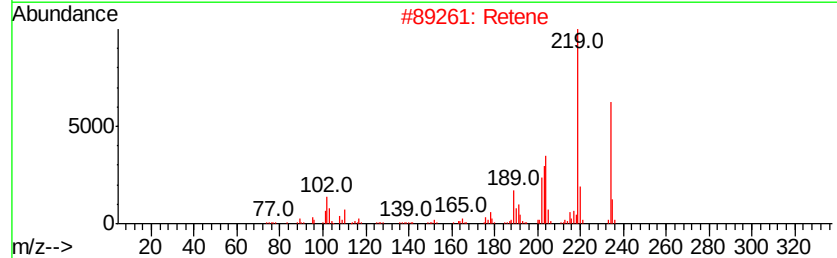
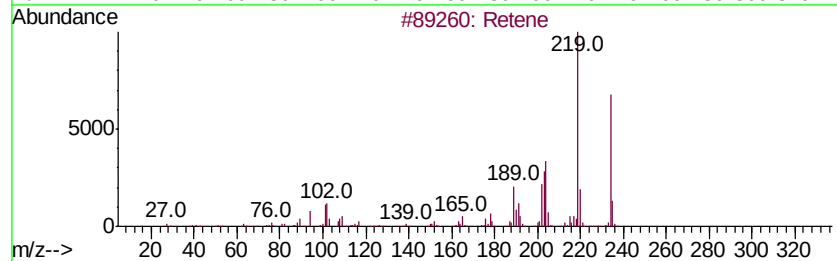
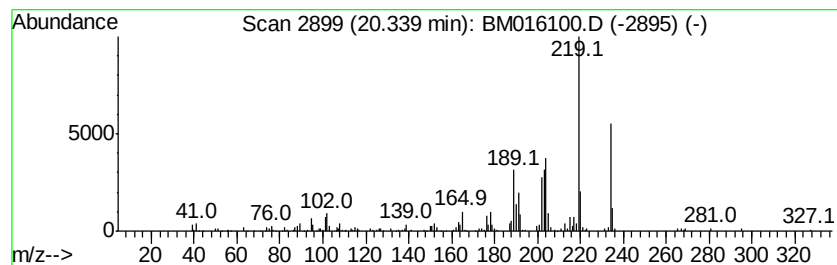
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Retene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	7.35 ng/ul	242840	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		Retene	234	C18H18	000483-65-8	97
3		Retene	234	C18H18	000483-65-8	93
4		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
5		Retene	234	C18H18	000483-65-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016100.D
Acq On : 27 Jul 2018 13:33
Operator : SJ/JU
Sample : J4172-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D04

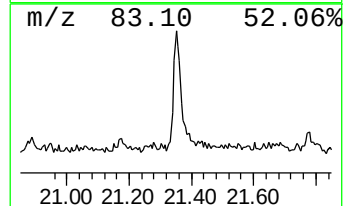
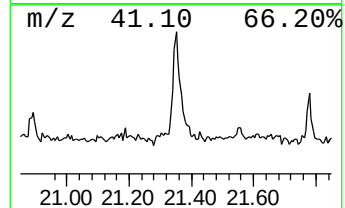
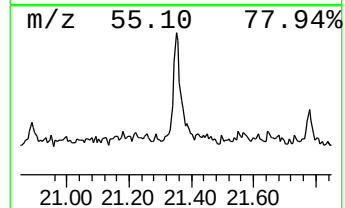
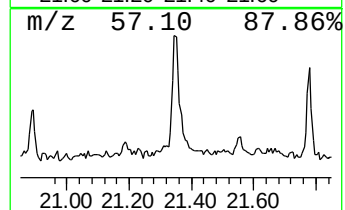
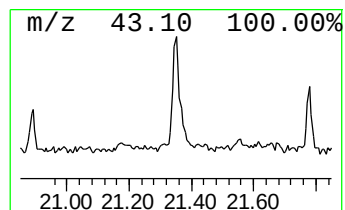
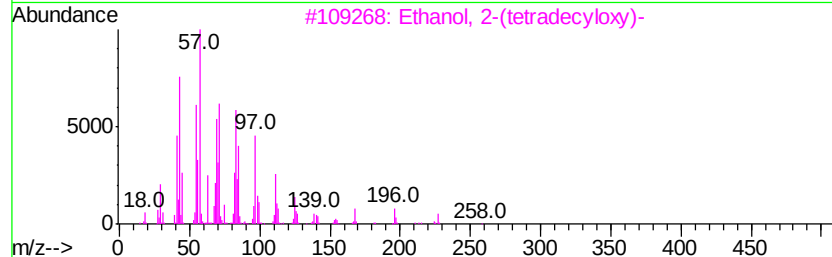
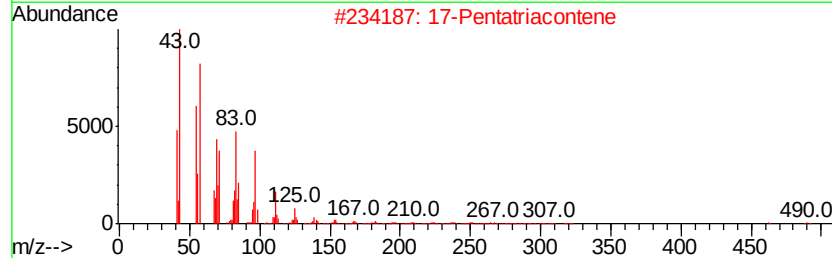
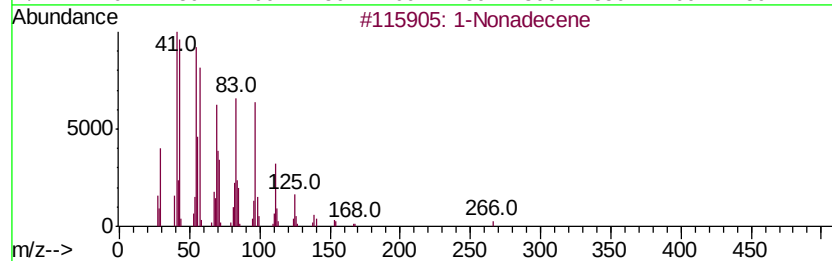
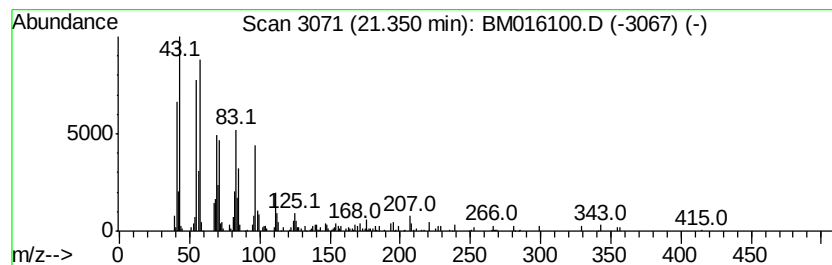
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Cyclic21.35 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.80 ng/ul	191823	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	97
2			17-Pentatriacontene	491	C35H70	006971-40-0	91
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4			Heptadecyl heptafluorobutyrates	452	C21H35F7O2	959085-66-6	90
5			Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072718\
 Data File : BM016100.D
 Acq On : 27 Jul 2018 13:33
 Operator : SJ/JU
 Sample : J4172-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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
Benzene, 1,3-dime...	5.77	3.9	ng/ul	99411	1	8.20	511799	20.0
Octane, 2,2,6-tri...	7.14	19.1	ng/ul	488832	1	8.20	511799	20.0
(DEL) Alkane: Str...	7.80	2.1	ng/ul	52760	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.00	5.9	ng/ul	150186	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.14	31.4	ng/ul	802494	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.29	13.6	ng/ul	347829	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.39	77.9	ng/ul	1994180	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.57	3.1	ng/ul	79958	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.71	60.0	ng/ul	1535230	1	8.20	511799	20.0
(DEL) Alkane: Str...	8.84	38.8	ng/ul	992036	1	8.20	511799	20.0
(DEL) Alkane: Str...	9.05	22.1	ng/ul	565695	1	8.20	511799	20.0
(DEL) Alkane: Str...	9.08	11.3	ng/ul	289900	1	8.20	511799	20.0
1-Octanol, 2-butyl-	9.20	8.4	ng/ul	215139	1	8.20	511799	20.0
(DEL) Alkane: Str...	9.29	8.2	ng/ul	208746	1	8.20	511799	20.0
Oxalic acid, isob...	9.49	2.3	ng/ul	59111	1	8.20	511799	20.0
unknown-01	9.55	2.8	ng/ul	71649	1	8.20	511799	20.0
(DEL) Alkane: Str...	9.75	4.2	ng/ul	157524	2	11.02	751136	20.0
Sulfurous acid, 2...	10.37	5.2	ng/ul	195963	2	11.02	751136	20.0
unknown-02	10.45	7.3	ng/ul	274051	2	11.02	751136	20.0
Benzoic acid, 3-m...	11.84	7.8	ng/ul	291939	2	11.02	751136	20.0
n-Hexadecanoic acid	18.41	8.5	ng/ul	356704	4	17.56	836490	20.0
10,18-Bisnorabiet...	19.62	2.9	ng/ul	121466	4	17.56	836490	20.0
Octadecanoic acid	19.66	3.1	ng/ul	101627	5	21.68	661228	20.0
Retene	20.34	7.3	ng/ul	242840	5	21.68	661228	20.0
(DEL) Alkane: Cyc...	21.35	5.8	ng/ul	191823	5	21.68	661228	20.0