

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018077.D
 Acq On : 12 Dec 2018 03:17
 Operator : JU/SJ
 Sample : J6171-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y28

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	3.152	25	28	38	rVB	26579	40253	1.20%	0.089%
2	3.646	108	112	116	rBV2	19937	26957	0.80%	0.059%
3	3.746	124	129	137	rVB2	33781	54784	1.63%	0.121%
4	3.840	140	145	149	rBV	26858	39617	1.18%	0.087%
5	3.946	158	163	167	rBV2	28129	38769	1.15%	0.086%
6	4.128	190	194	197	rBV3	18185	28638	0.85%	0.063%
7	4.163	197	200	204	rVV2	19145	27624	0.82%	0.061%
8	4.734	289	297	304	rBV2	103768	209301	6.22%	0.462%
9	5.234	376	382	389	rBV2	41669	81241	2.41%	0.179%
10	5.451	411	419	428	rBV6	9116	24524	0.73%	0.054%
11	5.587	436	442	448	rVB2	58827	89539	2.66%	0.198%
12	5.975	503	508	516	rBV	30042	42007	1.25%	0.093%
13	6.057	516	522	527	rBV6	12446	21059	0.63%	0.046%
14	6.193	535	545	548	rBV8	14696	27365	0.81%	0.060%
15	6.534	600	603	609	rVB2	17928	24298	0.72%	0.054%
16	6.645	617	622	626	rBV	37767	60565	1.80%	0.134%
17	6.740	626	638	655	rVV2	499464	1172864	34.84%	2.588%
18	6.898	659	665	678	rVV	452394	733867	21.80%	1.619%
19	7.081	690	696	705	rVV	587249	974079	28.93%	2.149%
20	7.163	705	710	712	rVV	48313	77764	2.31%	0.172%
21	7.193	712	715	720	rVV	92322	126685	3.76%	0.279%
22	7.545	765	775	784	rBV	602688	1000054	29.71%	2.206%
23	7.651	789	793	801	rVB2	31550	54288	1.61%	0.120%
24	7.822	814	822	828	rVV8	9049	23451	0.70%	0.052%
25	7.904	832	836	841	rBV2	14307	21380	0.64%	0.047%
26	8.081	862	866	877	rVB2	24069	42244	1.25%	0.093%
27	8.175	877	882	888	rBV2	41203	69841	2.07%	0.154%
28	8.257	890	896	906	rBV	543862	955641	28.39%	2.108%
29	8.481	929	934	939	rBV2	14982	21781	0.65%	0.048%
30	8.534	939	943	949	rVB2	19545	29012	0.86%	0.064%
31	8.634	954	960	964	rVV3	38541	61485	1.83%	0.136%
32	8.698	964	971	977	rVV	544227	947351	28.14%	2.090%
33	8.751	977	980	985	rVV2	42228	63233	1.88%	0.140%
34	8.869	995	1000	1006	rVB4	12113	23889	0.71%	0.053%

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35	8.957	1009	1015	1020	rBV3	10628	20200	0.60%	0.045%
36	9.086	1033	1037	1043	rVV2	18697	29442	0.87%	0.065%
37	9.151	1043	1048	1053	rVV4	15911	22726	0.68%	0.050%
38	9.210	1053	1058	1064	rVB	31944	52073	1.55%	0.115%
39	9.410	1085	1092	1103	rBV	459559	835153	24.81%	1.842%
40	9.563	1114	1118	1123	rBV3	18354	27587	0.82%	0.061%
41	9.716	1138	1144	1151	rVV3	58078	112717	3.35%	0.249%
42	9.945	1177	1183	1198	rVV	647740	1196864	35.55%	2.640%
43	10.310	1233	1245	1251	rBV	864221	1505940	44.73%	3.322%
44	10.357	1251	1253	1261	rVV	77391	114369	3.40%	0.252%
45	10.422	1261	1264	1266	rVV2	16111	20718	0.62%	0.046%
46	10.469	1266	1272	1290	rVB	471411	970105	28.82%	2.140%
47	10.963	1353	1356	1360	rVV3	11494	18376	0.55%	0.041%
48	11.222	1395	1400	1407	rVB4	17014	30030	0.89%	0.066%
49	11.416	1429	1433	1438	rVB	15698	20194	0.60%	0.045%
50	11.739	1485	1488	1494	rVB4	16730	22950	0.68%	0.051%
51	11.986	1524	1530	1540	rVV	117880	216285	6.42%	0.477%
52	12.210	1558	1568	1578	rVV2	88342	187776	5.58%	0.414%
53	12.292	1578	1582	1588	rVB3	15479	26805	0.80%	0.059%
54	12.522	1614	1621	1627	rBV8	10324	21561	0.64%	0.048%
55	12.716	1647	1654	1659	rBV10	11442	22534	0.67%	0.050%
56	13.022	1701	1706	1711	rVV6	12882	26070	0.77%	0.058%
57	13.216	1733	1739	1750	rVB	54772	120955	3.59%	0.267%
58	13.369	1755	1765	1773	rBV5	68822	189038	5.62%	0.417%
59	13.510	1783	1789	1794	rVV2	81632	147360	4.38%	0.325%
60	13.563	1794	1798	1802	rVV	80468	121767	3.62%	0.269%
61	13.616	1802	1807	1812	rVV	1273143	1866992	55.46%	4.119%
62	13.663	1812	1815	1822	rVV	432492	652498	19.38%	1.440%
63	13.751	1826	1830	1833	rVV3	36810	53903	1.60%	0.119%
64	13.780	1833	1835	1842	rVB6	23461	32499	0.97%	0.072%
65	13.886	1845	1853	1866	rBV	1565784	2391346	71.03%	5.276%
66	14.104	1883	1890	1893	rBV3	13744	20521	0.61%	0.045%
67	14.198	1899	1906	1913	rBV3	1187128	1922617	57.11%	4.242%
68	14.251	1913	1915	1919	rVV3	12947	18714	0.56%	0.041%
69	14.445	1935	1948	1965	rBV2	213496	704779	20.93%	1.555%
70	14.604	1969	1975	1978	rVV6	36576	79650	2.37%	0.176%
71	14.680	1985	1988	1993	rVB4	22516	34813	1.03%	0.077%

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72	14.821	2008	2012	2017	rVB3	18813	27668	0.82%	0.061%
73	14.874	2018	2021	2028	rVB2	16129	19546	0.58%	0.043%
74	14.998	2035	2042	2045	rBV5	13704	25763	0.77%	0.057%
75	15.063	2049	2053	2057	rVB5	11819	18309	0.54%	0.040%
76	15.198	2070	2076	2084	rBV	2041367	2913099	86.53%	6.427%
77	15.263	2084	2087	2091	rVB5	19577	31215	0.93%	0.069%
78	15.345	2095	2101	2111	rBV	472638	722721	21.47%	1.594%
79	15.439	2114	2117	2120	rVB4	15651	19728	0.59%	0.044%
80	15.927	2196	2200	2208	rVV3	12503	22758	0.68%	0.050%
81	16.510	2295	2299	2306	rBV	37234	57908	1.72%	0.128%
82	16.957	2368	2375	2381	rBV2	1553964	2245095	66.69%	4.953%
83	17.051	2385	2391	2403	rVV2	2024395	3063246	90.99%	6.758%
84	17.868	2524	2530	2542	rBV2	529036	780996	23.20%	1.723%
85	18.057	2559	2562	2570	rVB8	13907	21099	0.63%	0.047%
86	19.003	2718	2723	2727	rBV2	29058	55550	1.65%	0.123%
87	19.162	2744	2750	2761	rBV	328623	544287	16.17%	1.201%
88	19.251	2762	2765	2769	rVV2	29109	38895	1.16%	0.086%
89	19.303	2770	2774	2779	rVV	1643176	1856971	55.16%	4.097%
90	19.362	2779	2784	2792	rVB	2502083	3366610	100.00%	7.427%
91	20.309	2943	2945	2950	rBV6	27823	34691	1.03%	0.077%
92	20.362	2950	2954	2959	rVB	1107141	1184482	35.18%	2.613%
93	20.892	3039	3044	3053	rBV	382009	580666	17.25%	1.281%
94	21.168	3086	3091	3102	rBV	1598287	2213893	65.76%	4.884%
95	21.750	3188	3190	3191	rBV2	42340	36114	1.07%	0.080%
96	21.774	3191	3194	3205	rVB4	108193	191641	5.69%	0.423%
97	22.197	3263	3266	3272	rBV2	73468	94953	2.82%	0.209%
98	22.686	3346	3349	3353	rVB2	95637	116265	3.45%	0.257%
99	23.203	3430	3437	3448	rVB	1148388	2332337	69.28%	5.146%
100	23.339	3454	3460	3468	rVB	869665	1617461	48.04%	3.568%

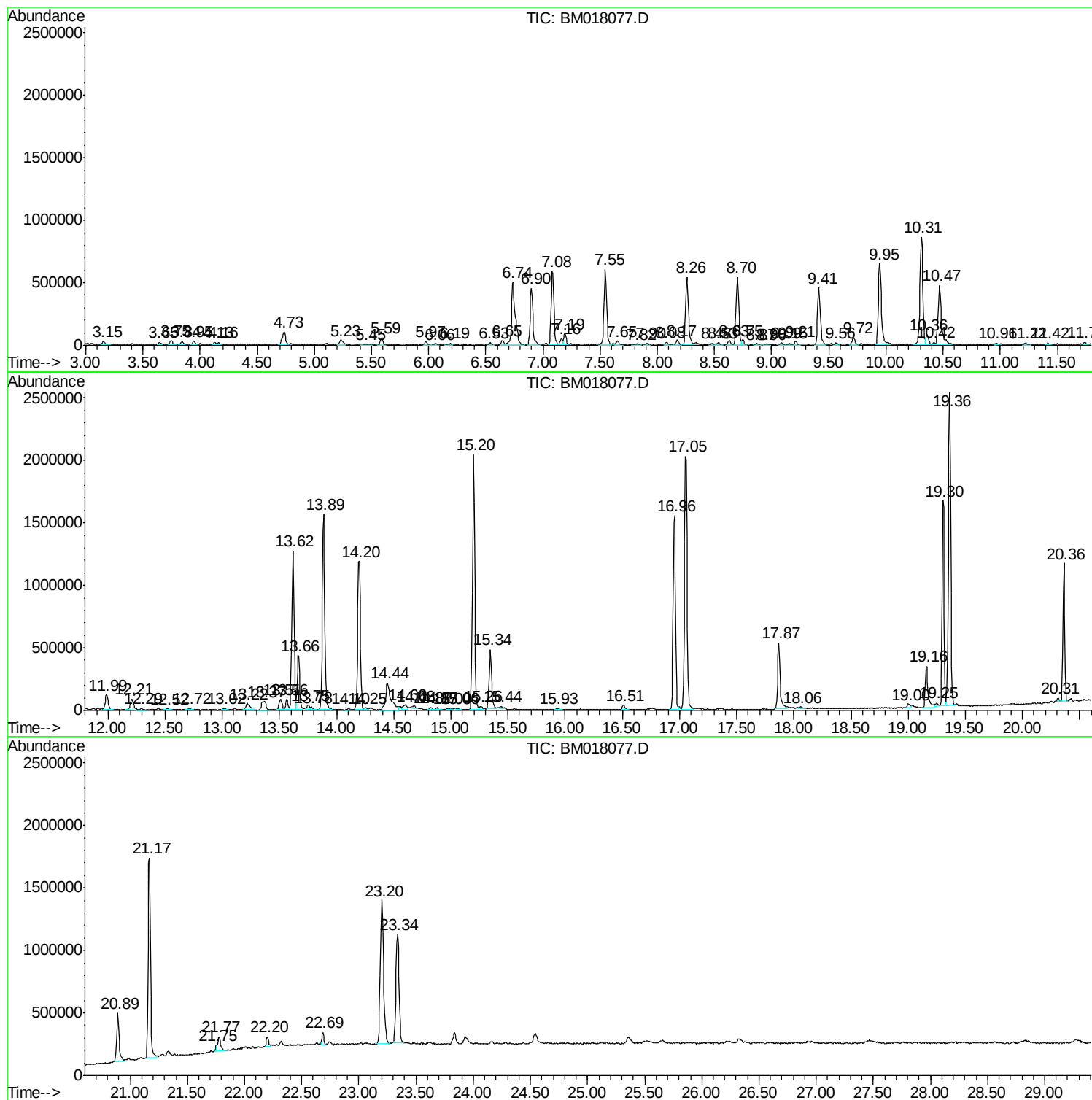
Sum of corrected areas: 45327344

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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



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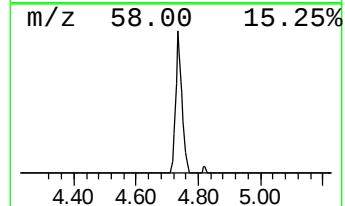
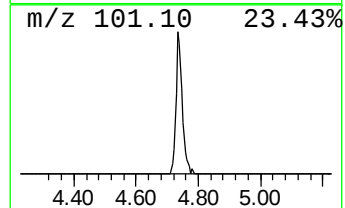
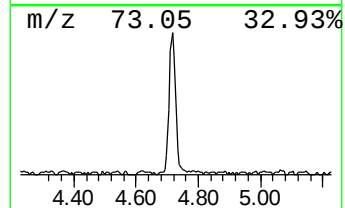
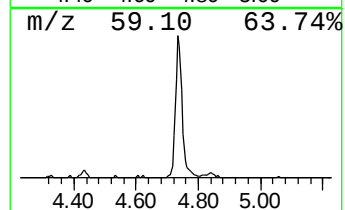
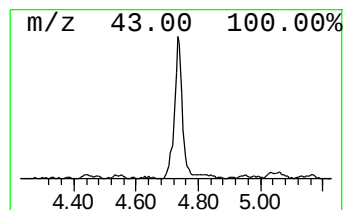
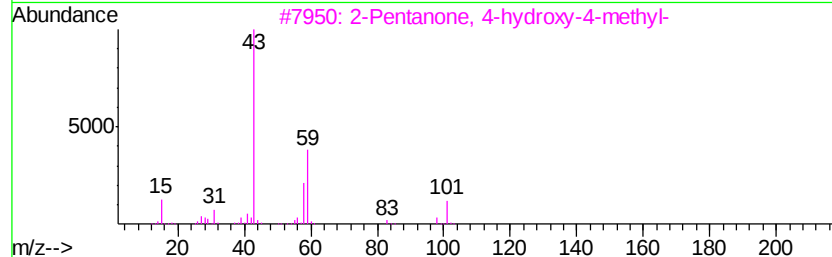
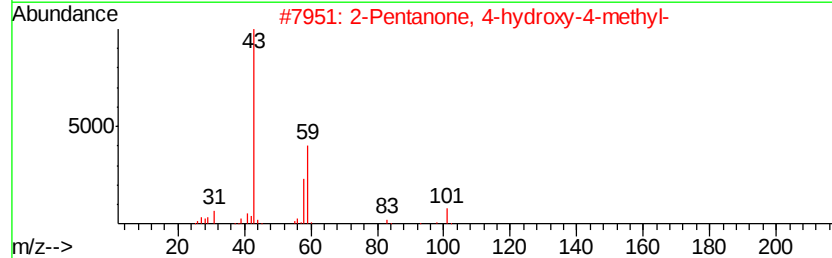
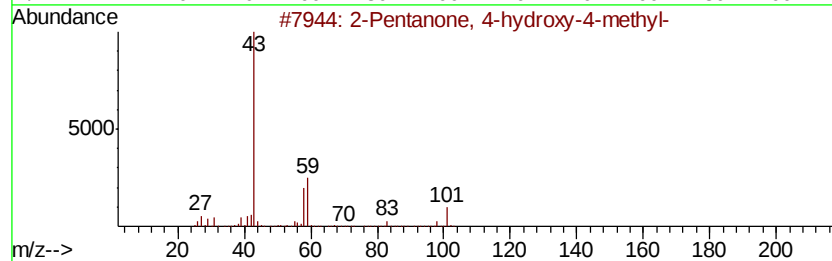
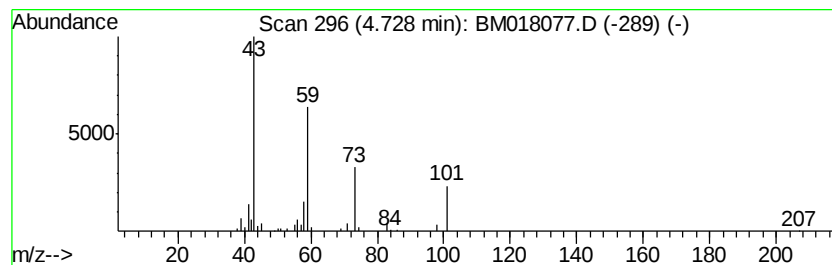
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	4.19 ng/ul	209301	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38		
5	Talopyranoside, methyl 4-acetami...	219	C9H17NO5	015856-46-9	36		



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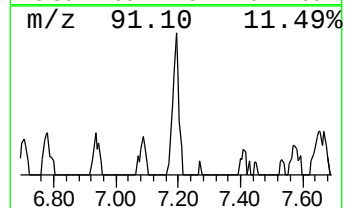
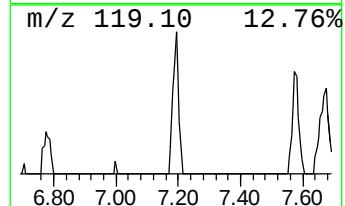
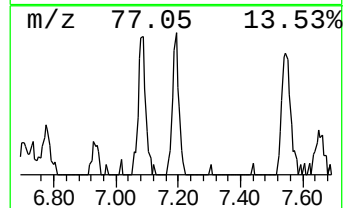
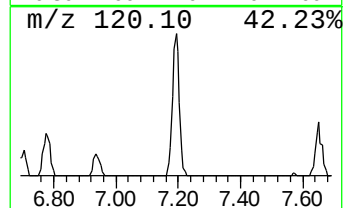
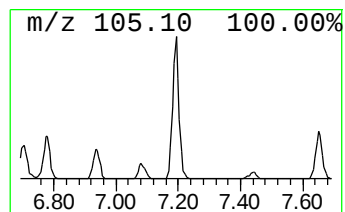
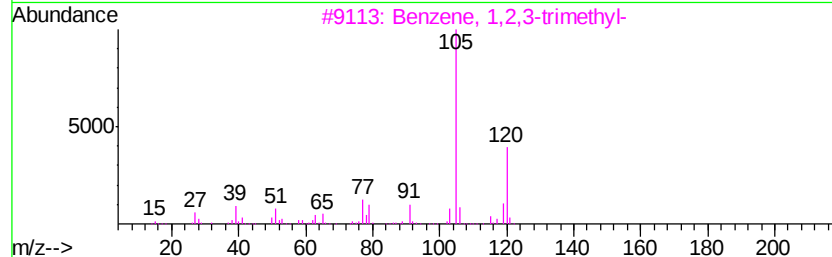
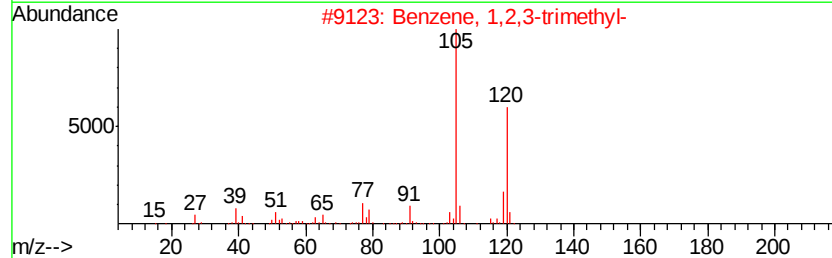
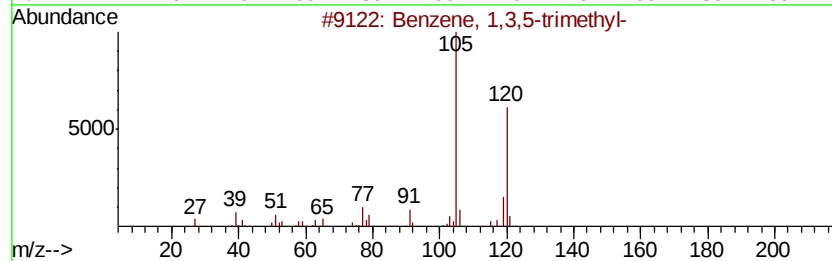
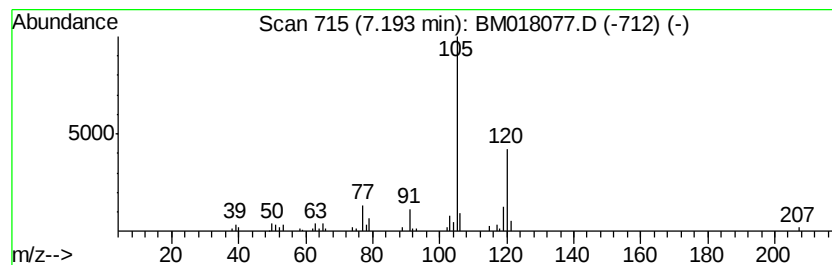
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	2.53 ng/ul	126685	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



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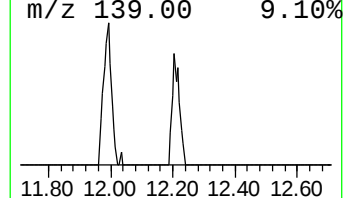
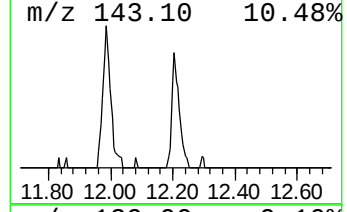
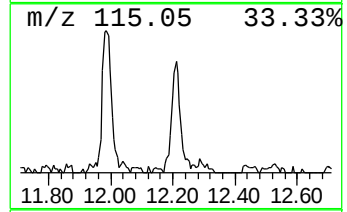
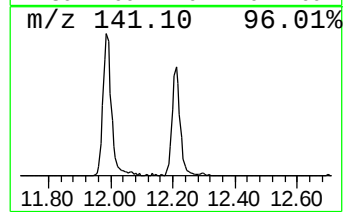
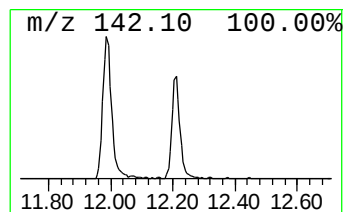
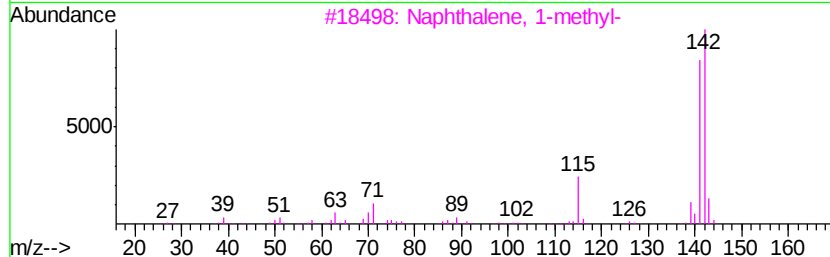
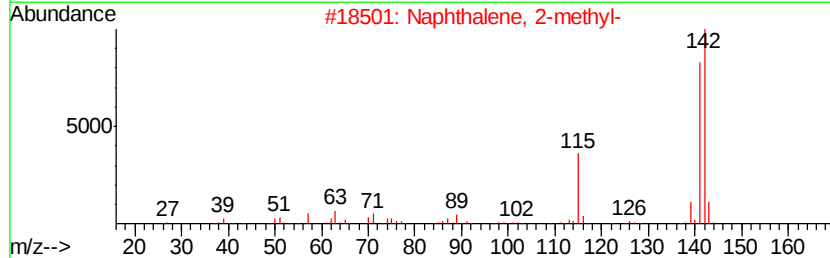
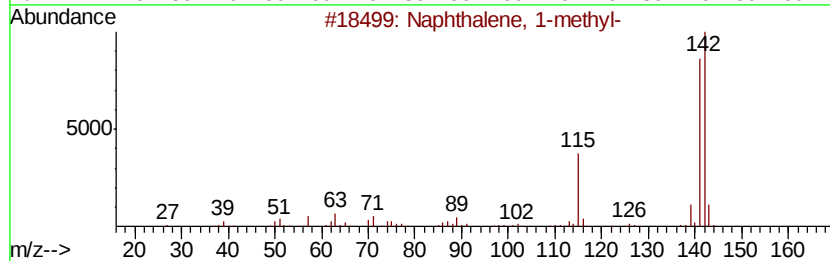
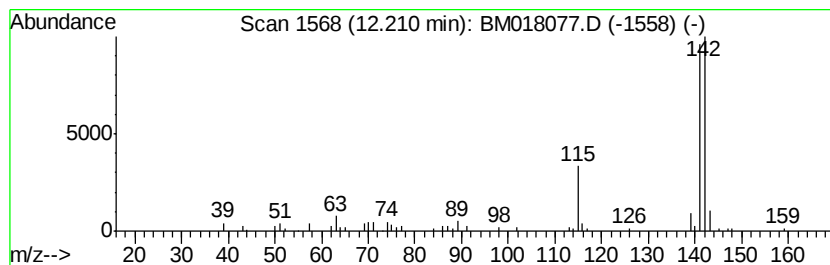
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.49 ng/ul	187776	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018077.D
Acq On : 12 Dec 2018 03:17
Operator : JU/SJ
Sample : J6171-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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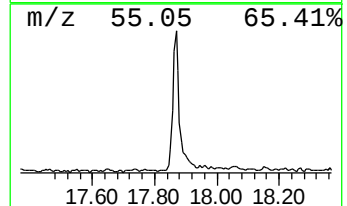
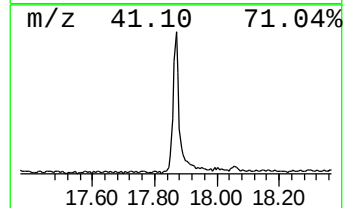
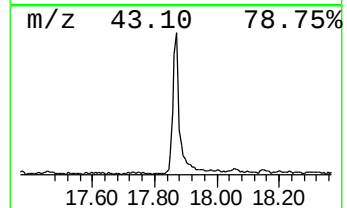
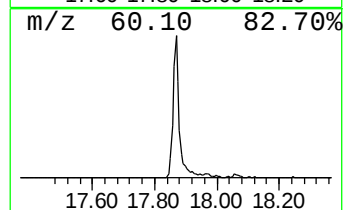
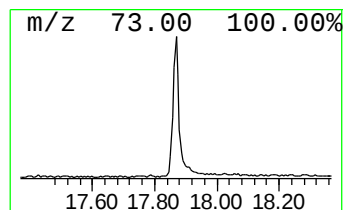
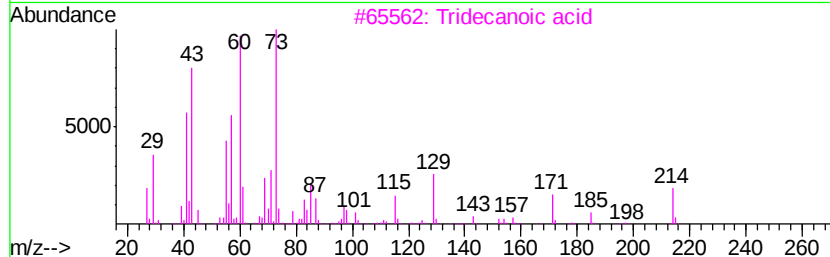
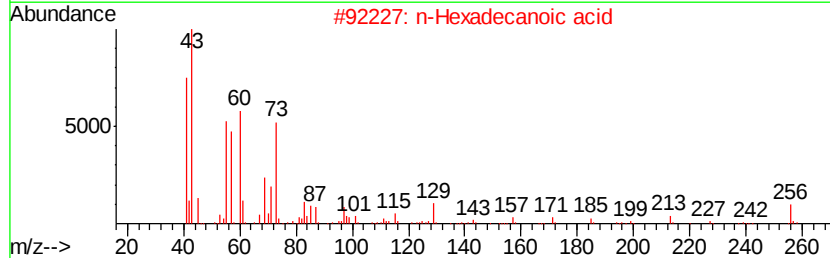
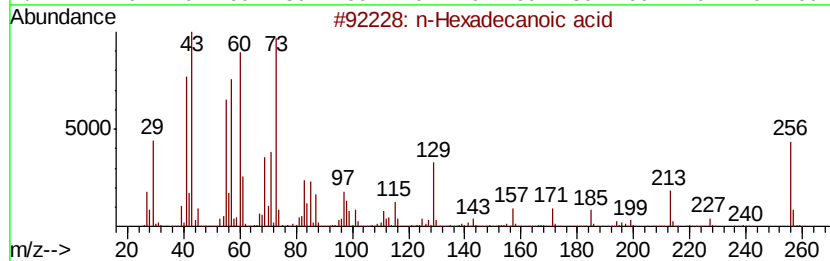
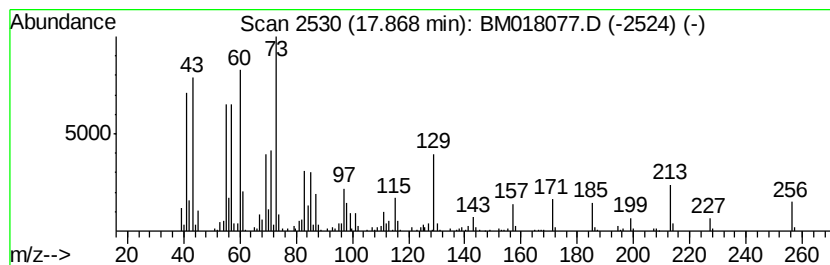
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.96 ng/ul	780996	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Operator : JU/SJ
Sample : J6171-18
Misc :
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Instrument :
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ClientSampleId :
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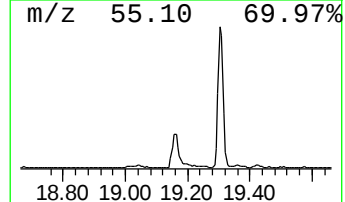
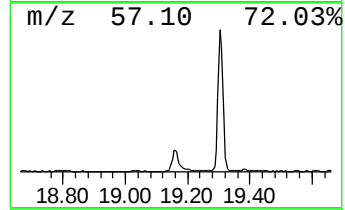
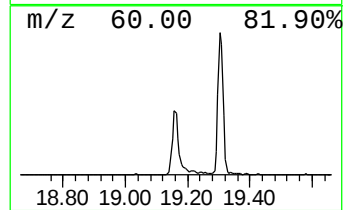
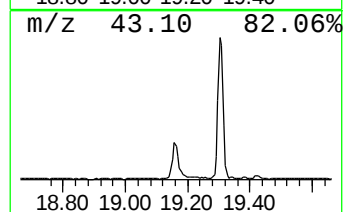
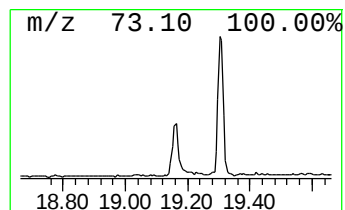
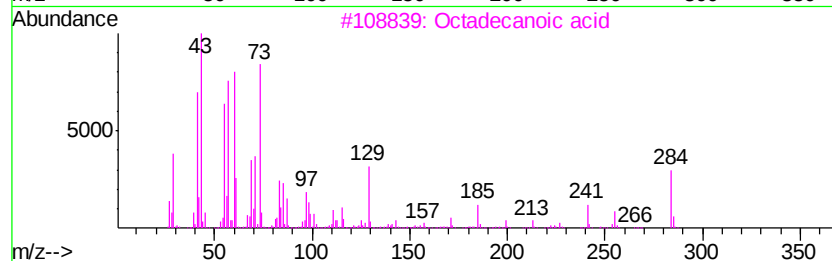
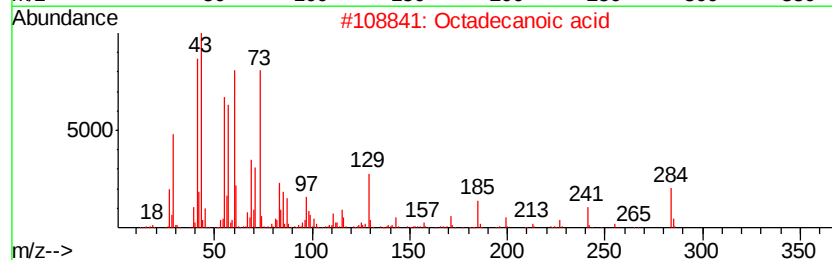
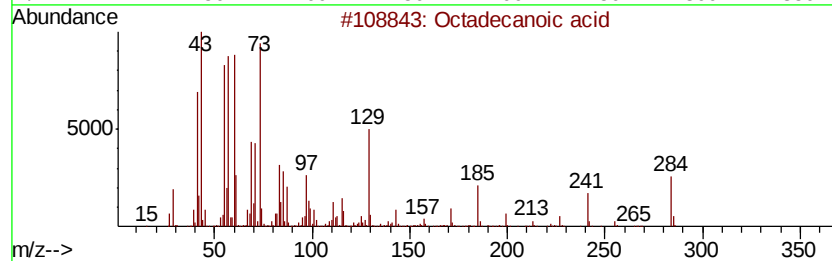
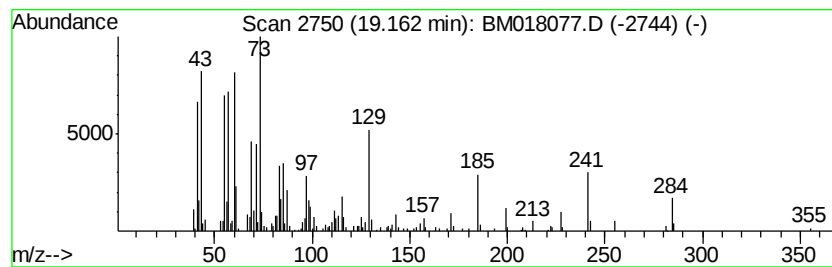
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.92 ng/ul	544287	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018077.D
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Sample : J6171-18
Misc :
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ClientSampleId :
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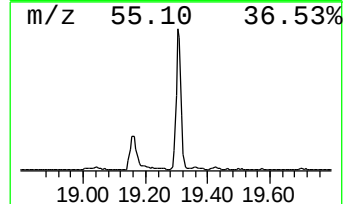
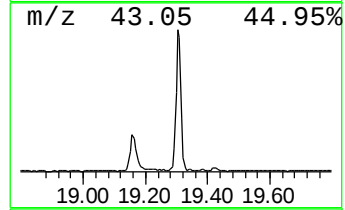
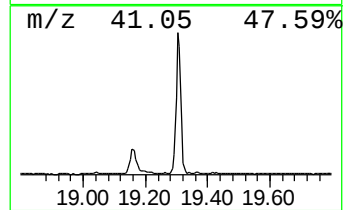
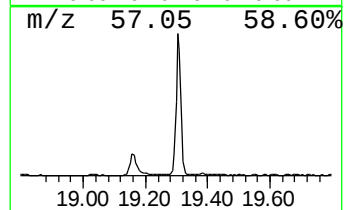
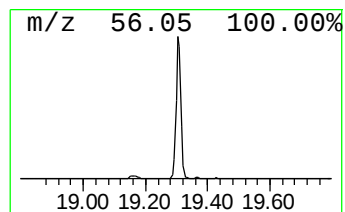
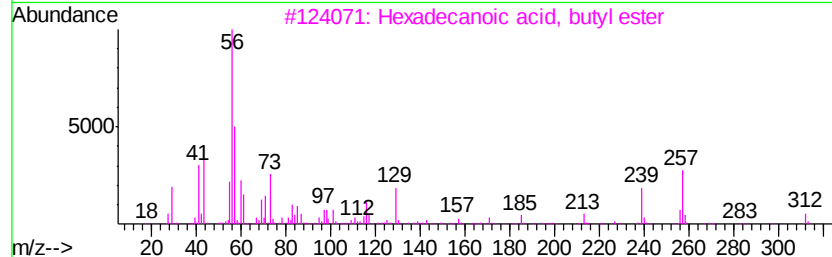
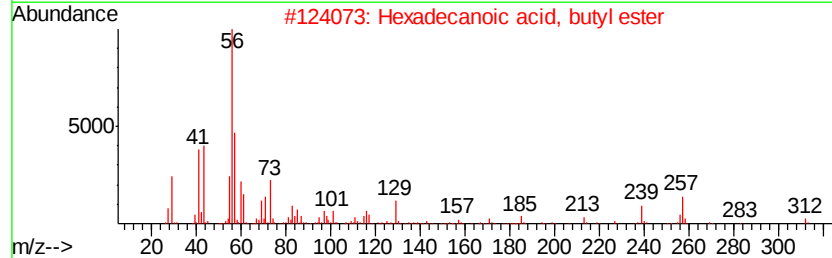
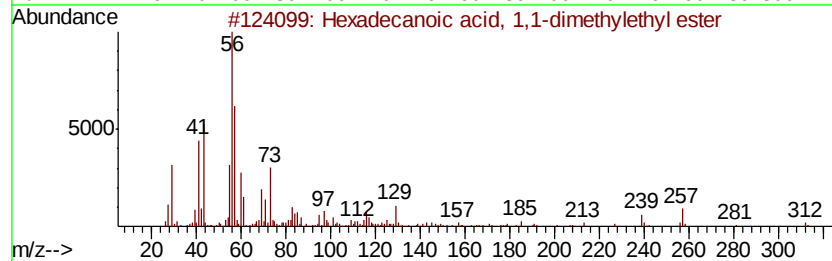
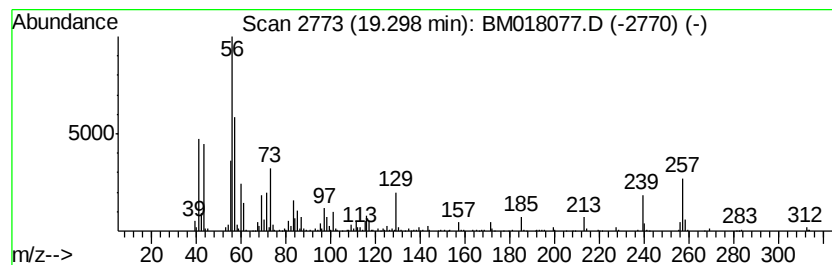
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	16.78 ng/ul	1856970	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	46
5		Nipecotic acid	129	C6H11NO2	000498-95-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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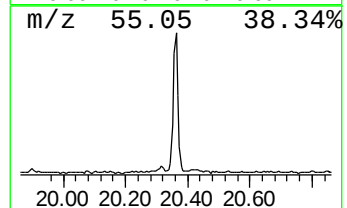
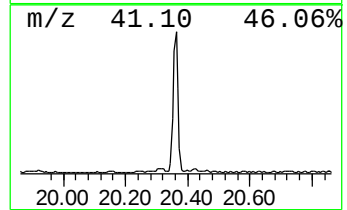
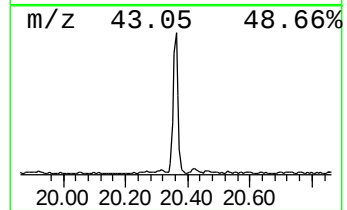
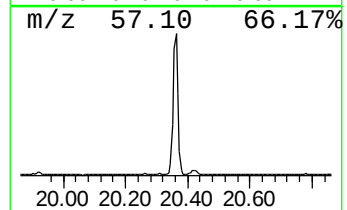
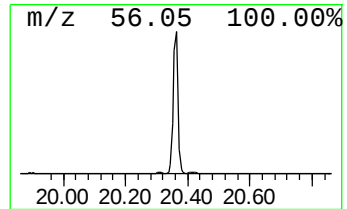
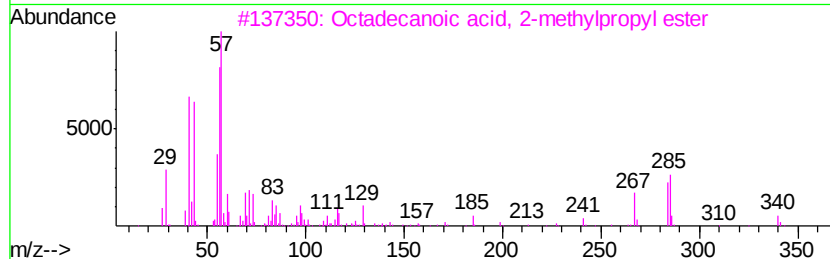
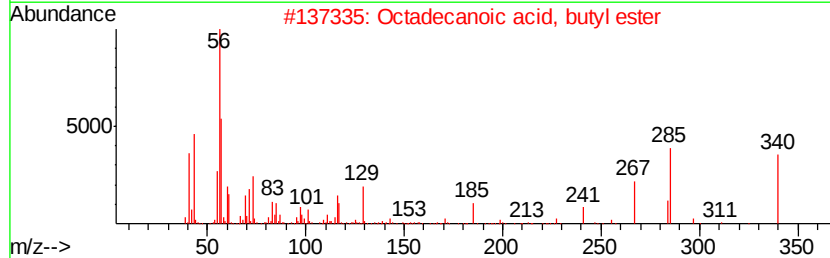
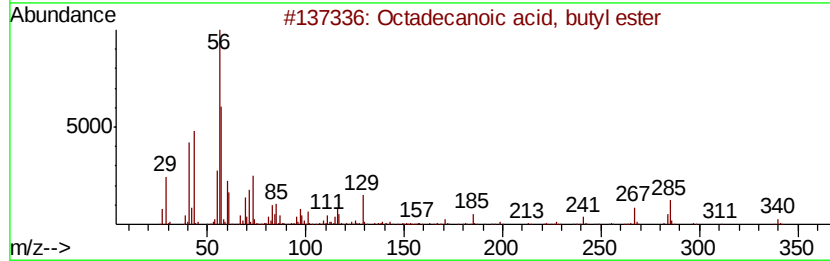
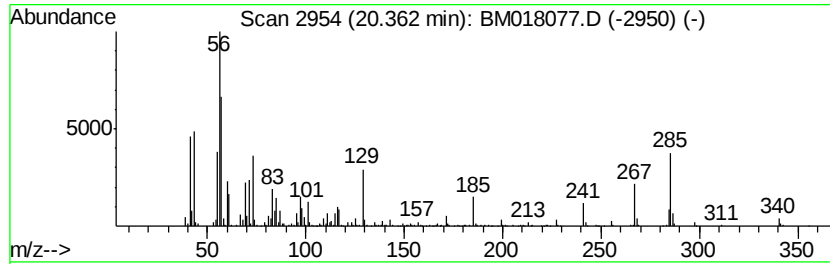
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	10.70 ng/ul	1184480	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	64
4		n-Butyl myristate	284	C18H36O2	000110-36-1	40
5		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018077.D
Acq On : 12 Dec 2018 03:17
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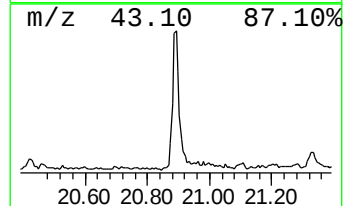
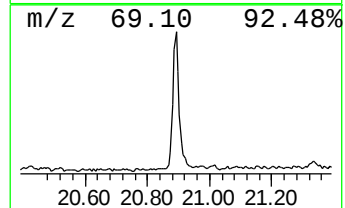
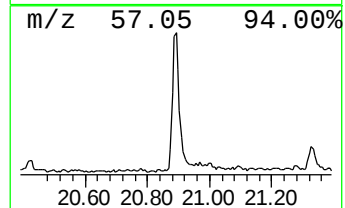
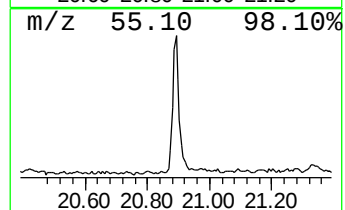
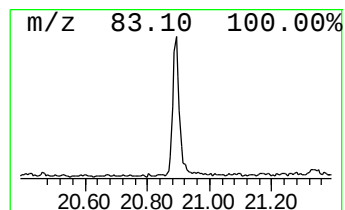
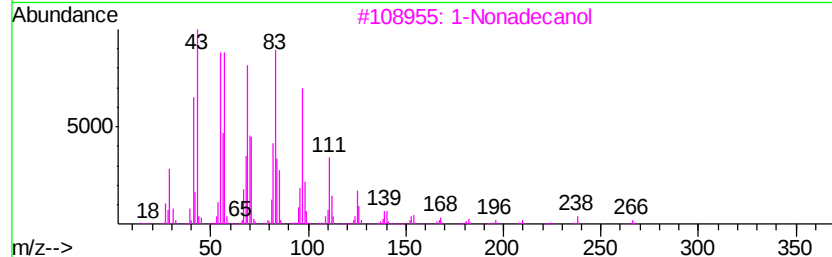
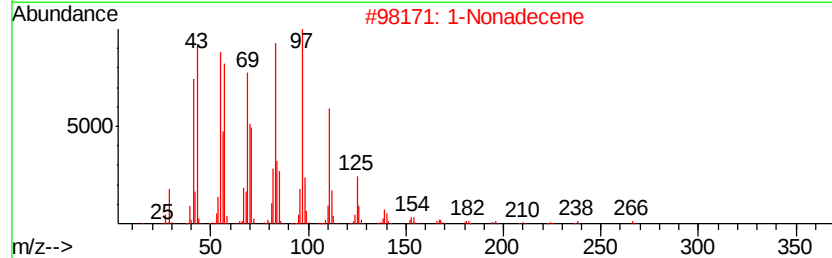
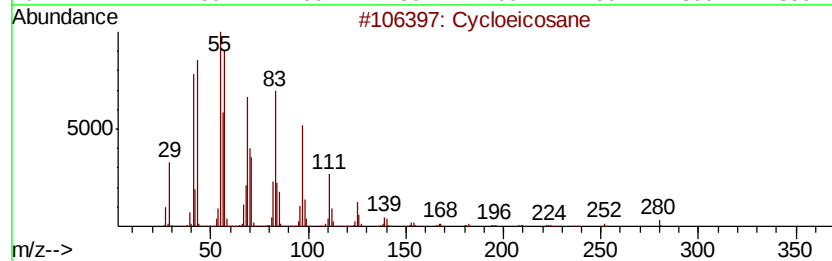
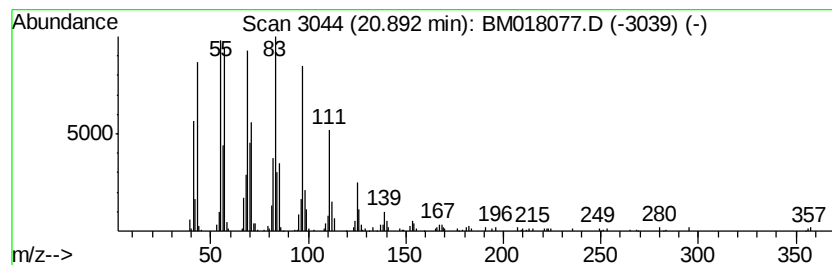
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic20.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.25 ng/ul	580666	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	98
2		1-Nonadecene	266	C19H38	018435-45-5	94
3		1-Nonadecanol	284	C19H40O	001454-84-8	93
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	92
5		1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018077.D
Acq On : 12 Dec 2018 03:17
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
2-Pentanone, 4-hy...	4.73	4.2	ng/ul	209301	1	7.55	1000050	20.0
Benzene, 1,3,5-tr...	7.19	2.5	ng/ul	126685	1	7.55	1000050	20.0
Naphthalene, 1-me...	12.21	2.5	ng/ul	187776	2	10.31	1505940	20.0
n-Hexadecanoic acid	17.87	7.0	ng/ul	780996	4	16.96	2245100	20.0
Octadecanoic acid	19.16	4.9	ng/ul	544287	5	21.17	2213890	20.0
Hexadecanoic acid...	19.30	16.8	ng/ul	1856970	5	21.17	2213890	20.0
Octadecanoic acid...	20.36	10.7	ng/ul	1184480	5	21.17	2213890	20.0
(DEL) Alkane: Cyc...	20.89	5.3	ng/ul	580666	5	21.17	2213890	20.0