

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018117.D
 Acq On : 13 Dec 2018 05:55
 Operator : JU/SJ
 Sample : J6236-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E16

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	3.146	24	27	33	rVB2	18943	24183	0.76%	0.065%
2	3.640	107	111	118	rBV5	9631	17524	0.55%	0.047%
3	3.746	124	129	134	rVB	28568	44113	1.39%	0.119%
4	3.940	157	162	169	rVB2	30375	44646	1.41%	0.120%
5	4.204	201	207	211	rBV4	4055	7222	0.23%	0.019%
6	4.710	288	293	304	rBV	48136	83199	2.62%	0.224%
7	5.975	502	508	514	rBV	27111	41081	1.30%	0.111%
8	6.216	546	549	554	rBV3	3348	6666	0.21%	0.018%
9	6.734	631	637	653	rBV2	386428	824133	25.99%	2.219%
10	6.892	657	664	674	rBV	321243	515794	16.27%	1.389%
11	7.081	689	696	707	rBV	462711	731543	23.07%	1.970%
12	7.351	734	742	744	rBV5	4636	8625	0.27%	0.023%
13	7.539	767	774	783	rVV	465248	766478	24.17%	2.064%
14	8.063	860	863	869	rVB	4713	7103	0.22%	0.019%
15	8.257	889	896	912	rBV	432246	804532	25.37%	2.166%
16	8.369	912	915	922	rVB5	9971	21399	0.67%	0.058%
17	8.604	953	955	964	rVB7	6097	12389	0.39%	0.033%
18	8.698	964	971	989	rVB	417030	731902	23.08%	1.971%
19	8.822	989	992	995	rBV2	6219	7164	0.23%	0.019%
20	8.863	995	999	1004	rVB5	3933	6609	0.21%	0.018%
21	8.963	1007	1016	1019	rBV7	5574	12429	0.39%	0.033%
22	9.028	1025	1027	1031	rBV3	5078	7164	0.23%	0.019%
23	9.081	1031	1036	1043	rVB2	30064	44881	1.42%	0.121%
24	9.410	1085	1092	1100	rVV	348398	617885	19.49%	1.664%
25	9.475	1100	1103	1108	rVV5	14491	24893	0.79%	0.067%
26	9.533	1110	1113	1118	rVB4	4749	6493	0.20%	0.017%
27	9.751	1146	1150	1154	rBV5	5203	8011	0.25%	0.022%
28	9.880	1169	1172	1174	rBV3	7688	8629	0.27%	0.023%
29	9.945	1176	1183	1196	rBV	534084	994303	31.36%	2.677%
30	10.245	1232	1234	1235	rVV2	8109	7827	0.25%	0.021%
31	10.263	1235	1237	1238	rVV2	13237	12558	0.40%	0.034%
32	10.304	1238	1244	1252	rVV	715097	1236438	38.99%	3.329%
33	10.375	1252	1256	1261	rVV7	10951	15412	0.49%	0.041%
34	10.463	1265	1271	1288	rVV	406532	903835	28.51%	2.434%

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35	10.575	1288	1290	1296	rVB6	12782	19093	0.60%	0.051%
36	10.698	1304	1311	1314	rBV8	11999	21240	0.67%	0.057%
37	10.780	1319	1325	1331	rBV3	24901	42019	1.33%	0.113%
38	10.963	1349	1356	1363	rVB9	17979	40062	1.26%	0.108%
39	11.045	1363	1370	1373	rBV7	7648	18687	0.59%	0.050%
40	11.116	1377	1382	1383	rBV4	8807	13576	0.43%	0.037%
41	11.139	1383	1386	1388	rVV3	6221	6665	0.21%	0.018%
42	11.274	1405	1409	1412	rBV6	5623	7973	0.25%	0.021%
43	11.327	1414	1418	1424	rVV5	26524	47891	1.51%	0.129%
44	11.480	1438	1444	1447	rVB3	19802	30801	0.97%	0.083%
45	11.574	1453	1460	1465	rBV6	30904	58324	1.84%	0.157%
46	11.651	1471	1473	1477	rVB5	6232	8573	0.27%	0.023%
47	11.733	1481	1487	1492	rVV9	13452	31199	0.98%	0.084%
48	11.827	1499	1503	1506	rBV5	7823	14087	0.44%	0.038%
49	11.916	1515	1518	1519	rBV2	13972	14893	0.47%	0.040%
50	12.027	1535	1537	1541	rBV5	9306	13454	0.42%	0.036%
51	12.104	1546	1550	1552	rBV5	9244	13741	0.43%	0.037%
52	12.133	1552	1555	1559	rVB4	14642	20569	0.65%	0.055%
53	12.169	1559	1561	1562	rBV2	8531	6954	0.22%	0.019%
54	12.369	1590	1595	1600	rVB8	12764	21991	0.69%	0.059%
55	12.451	1608	1609	1614	rVB4	10735	11432	0.36%	0.031%
56	12.516	1615	1620	1624	rVB6	13089	24100	0.76%	0.065%
57	12.592	1624	1633	1639	rBV10	21936	63990	2.02%	0.172%
58	12.663	1641	1645	1648	rBV6	5541	8536	0.27%	0.023%
59	12.710	1648	1653	1657	rVB	36468	51160	1.61%	0.138%
60	12.763	1657	1662	1664	rBV6	15143	24475	0.77%	0.066%
61	12.974	1694	1698	1703	rBV4	34351	60635	1.91%	0.163%
62	13.021	1704	1706	1712	rVV5	19428	35512	1.12%	0.096%
63	13.092	1715	1718	1723	rVV7	24998	42707	1.35%	0.115%
64	13.127	1723	1724	1725	rVV	11273	6326	0.20%	0.017%
65	13.151	1725	1728	1729	rVV3	13661	15792	0.50%	0.043%
66	13.168	1729	1731	1735	rVB5	19094	22118	0.70%	0.060%
67	13.333	1757	1759	1760	rBV2	9081	8905	0.28%	0.024%
68	13.416	1771	1773	1774	rBV2	8561	6224	0.20%	0.017%
69	13.516	1788	1790	1791	rBV2	8750	8292	0.26%	0.022%
70	13.527	1791	1792	1796	rVV4	16953	18412	0.58%	0.050%
71	13.616	1798	1807	1811	rVV	1031048	1463450	46.15%	3.940%

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72	13.663	1811	1815	1822	rVV	203629	331099	10.44%	0.891%
73	13.880	1846	1852	1861	rVV	1267273	1908425	60.19%	5.138%
74	13.945	1861	1863	1866	rVB2	31652	29438	0.93%	0.079%
75	13.974	1866	1868	1869	rBV2	9243	6316	0.20%	0.017%
76	14.004	1871	1873	1877	rVB6	16933	19463	0.61%	0.052%
77	14.074	1883	1885	1887	rBV3	14040	9514	0.30%	0.026%
78	14.098	1887	1889	1893	rVB5	13734	15489	0.49%	0.042%
79	14.192	1899	1905	1913	rVB2	1118539	1742138	54.94%	4.691%
80	14.292	1920	1922	1923	rBV2	13157	13301	0.42%	0.036%
81	14.374	1935	1936	1942	rVB6	14311	9735	0.31%	0.026%
82	14.445	1942	1948	1963	rBV	213099	616889	19.46%	1.661%
83	14.610	1975	1976	1977	rBV	16841	8255	0.26%	0.022%
84	14.721	1992	1995	2000	rVB5	37005	45423	1.43%	0.122%
85	14.810	2005	2010	2011	rBV4	30544	45131	1.42%	0.122%
86	15.192	2070	2075	2084	rBV	1659026	2478679	78.17%	6.674%
87	15.345	2096	2101	2108	rBV	291175	457378	14.42%	1.231%
88	15.462	2119	2121	2126	rVB	78105	103113	3.25%	0.278%
89	15.945	2198	2203	2215	rVB	128638	247769	7.81%	0.667%
90	16.762	2339	2342	2346	rVB	86342	119239	3.76%	0.321%
91	16.951	2368	2374	2382	rBV	1633332	2334009	73.61%	6.284%
92	17.051	2385	2391	2400	rVV	1901697	2672079	84.27%	7.194%
93	17.862	2525	2529	2539	rVB	385520	506889	15.99%	1.365%
94	18.733	2674	2677	2684	rVB5	100387	151963	4.79%	0.409%
95	19.156	2745	2749	2756	rBV	197862	324353	10.23%	0.873%
96	19.356	2778	2783	2790	rBV	2285892	3170772	100.00%	8.537%
97	20.886	3040	3043	3053	rVB	270178	382594	12.07%	1.030%
98	21.168	3086	3091	3100	rBV	2122822	2808409	88.57%	7.562%
99	23.203	3431	3437	3446	rVB	1575694	3100415	97.78%	8.348%
100	23.338	3454	3460	3469	rVB	1365235	2551557	80.47%	6.870%

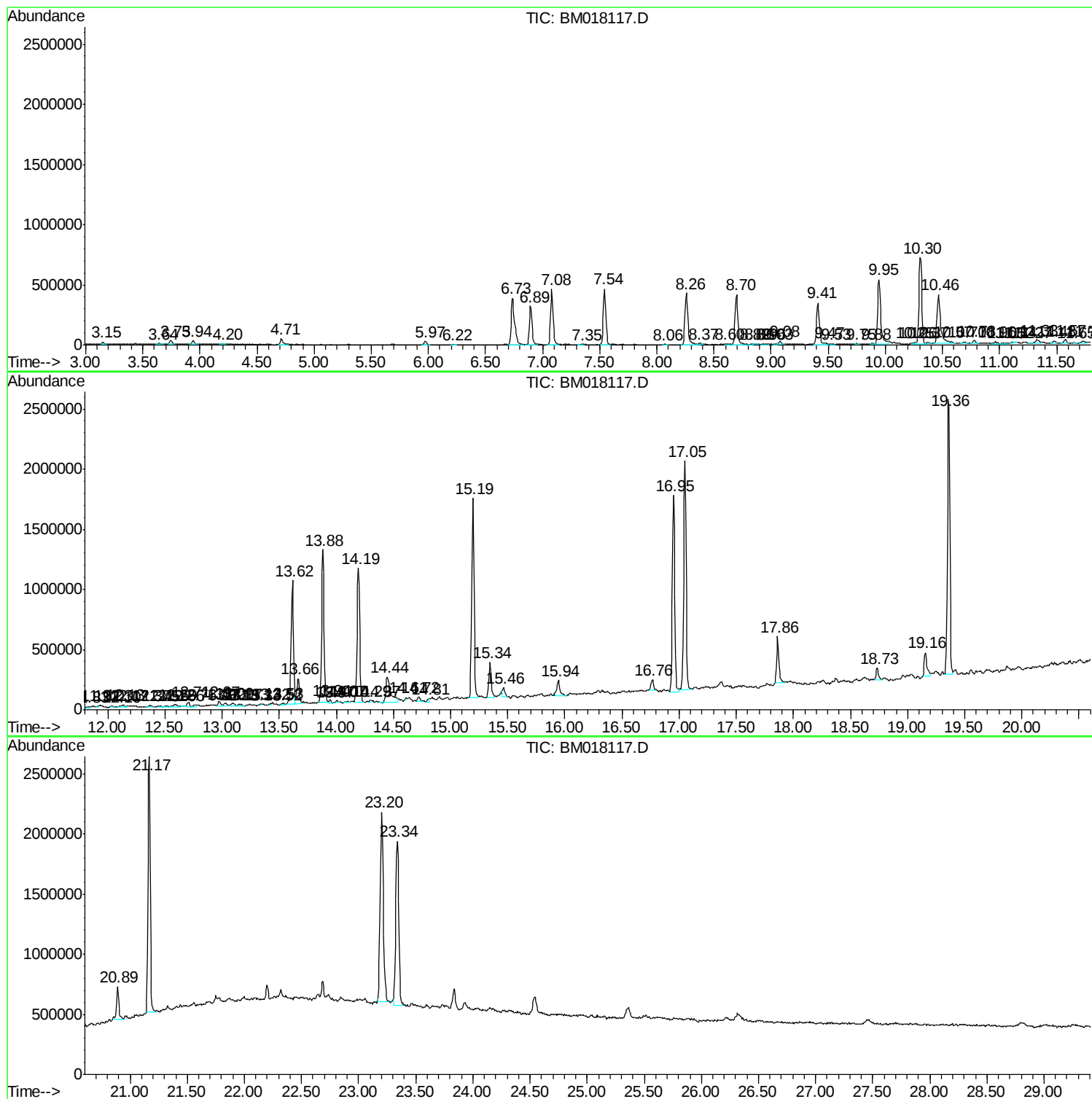
Sum of corrected areas: 37140755

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



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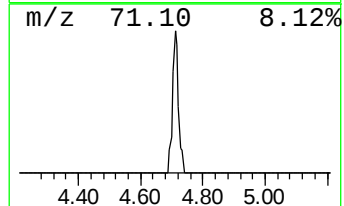
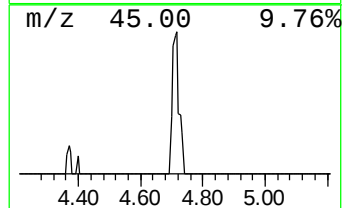
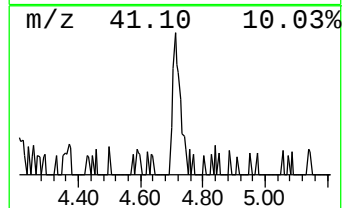
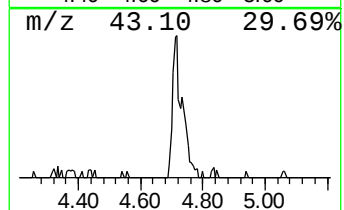
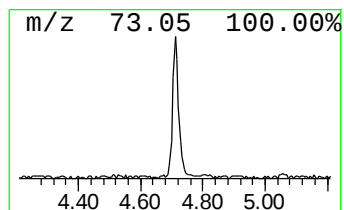
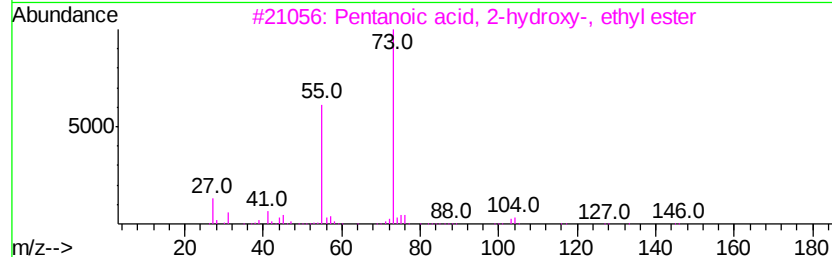
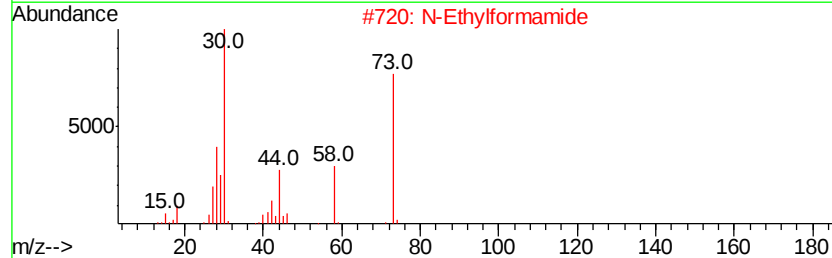
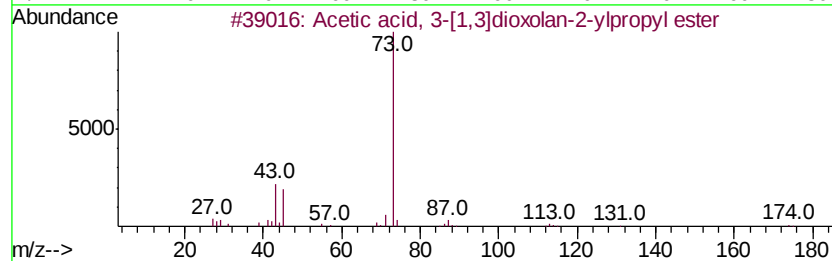
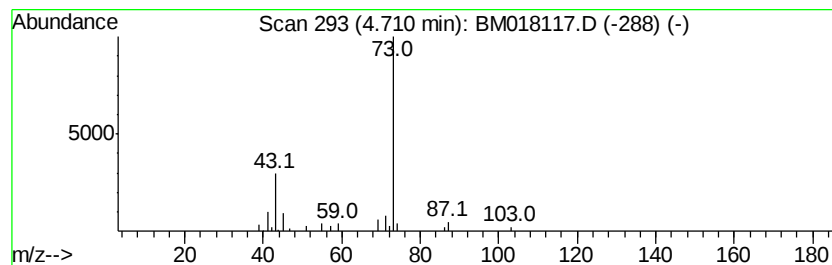
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	2.17 ng/ul	83199	1,4-Dichlorobenzene-d4	7.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 3-[1,3]dioxolan-2-v...	174	C8H14O4	1000186-02-3	28
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			Pentanoic acid, 2-hydroxy-, ethv...	146	C7H14O3	006938-26-7	9
4			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
5			Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9



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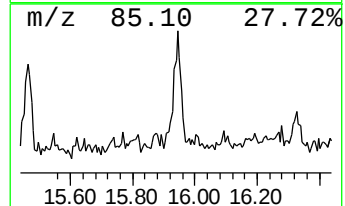
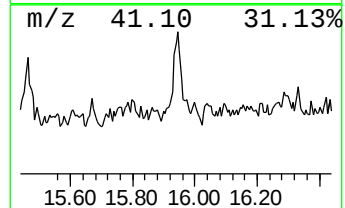
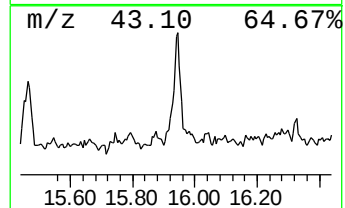
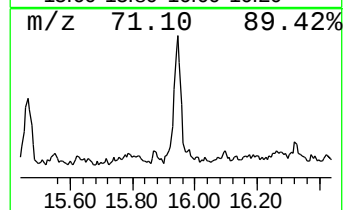
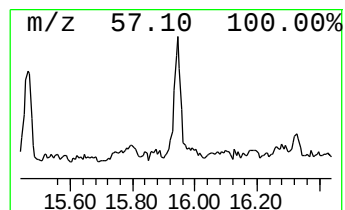
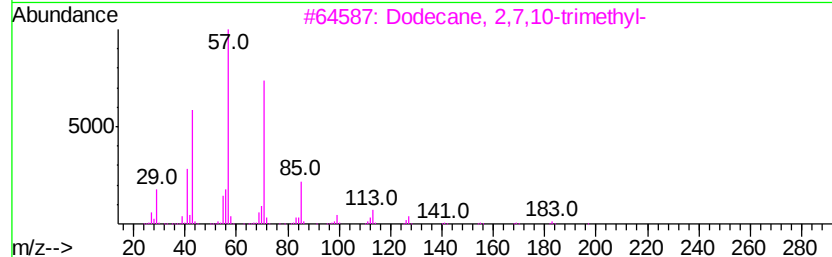
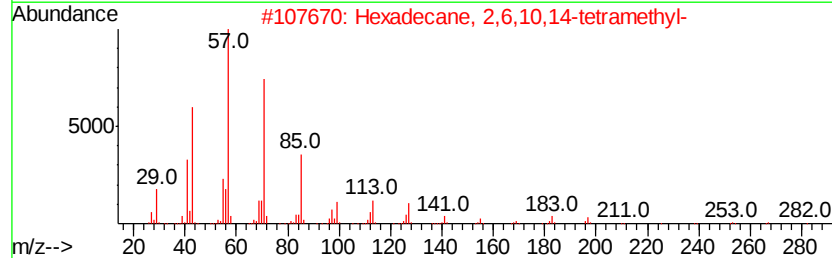
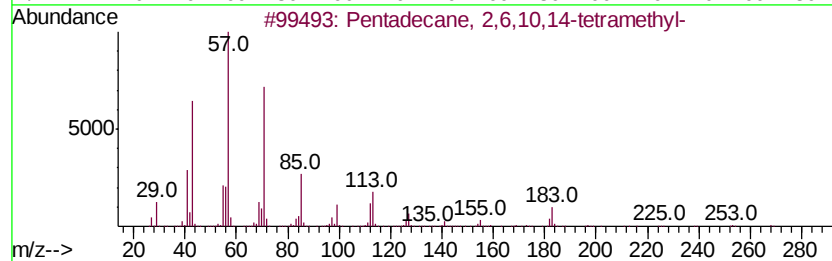
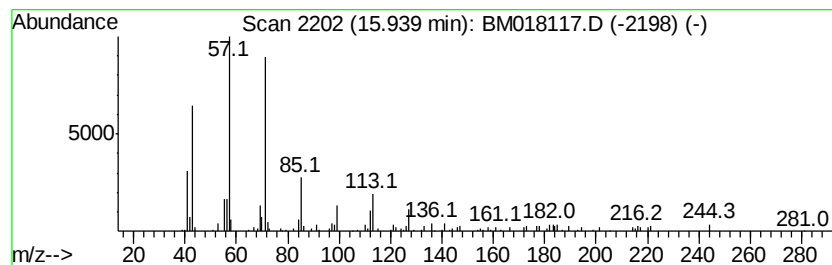
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.12 ng/ul	247769	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



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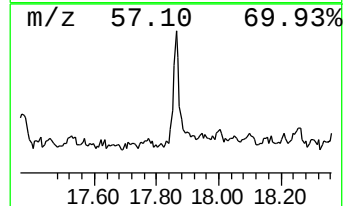
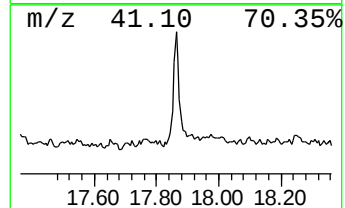
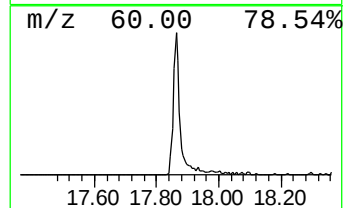
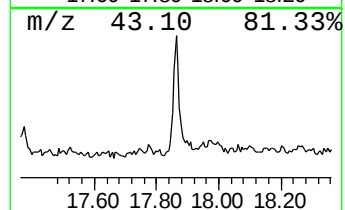
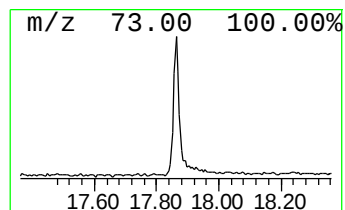
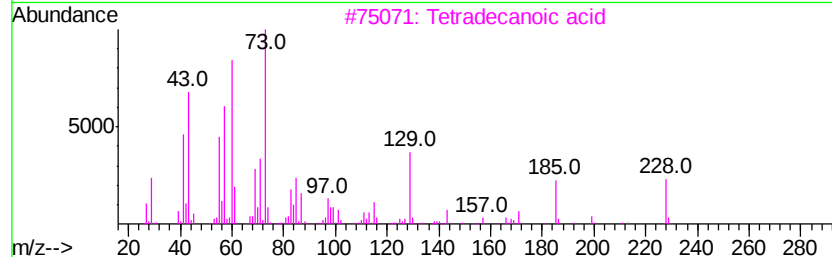
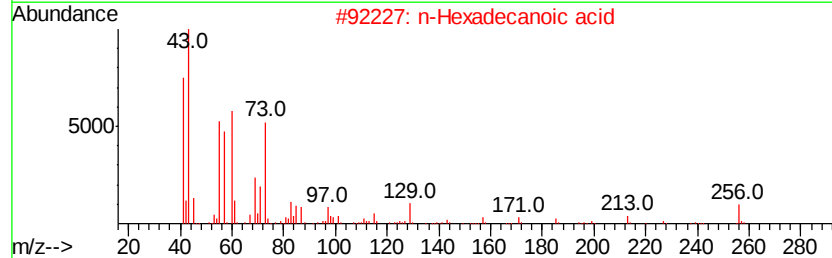
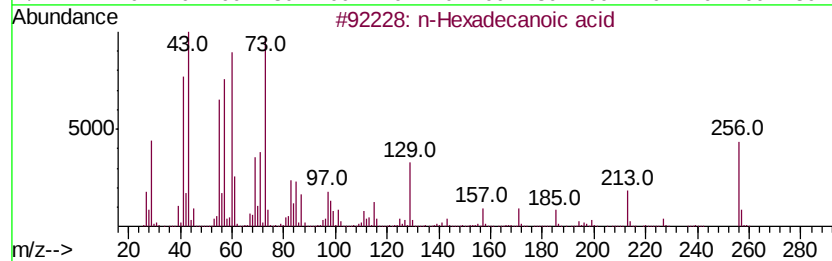
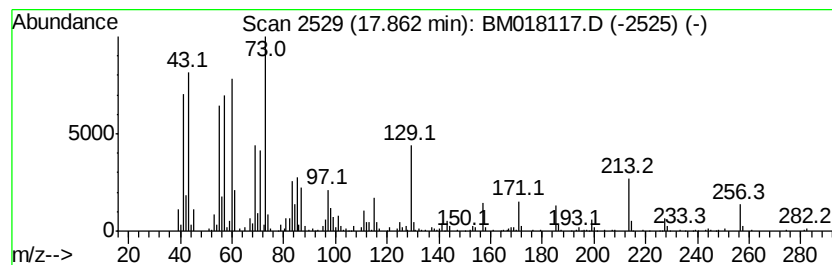
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	4.34 ng/ul	506889	Phenanthrene-d10		16.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018117.D
Acq On : 13 Dec 2018 05:55
Operator : JU/SJ
Sample : J6236-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E16

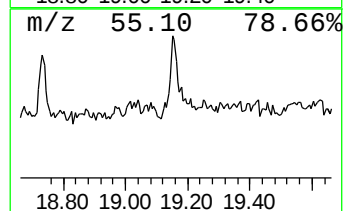
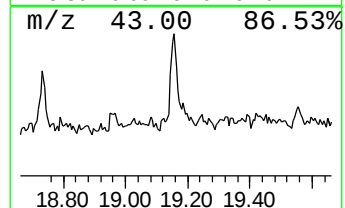
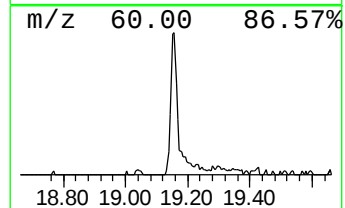
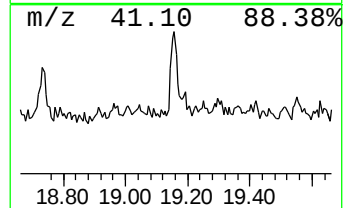
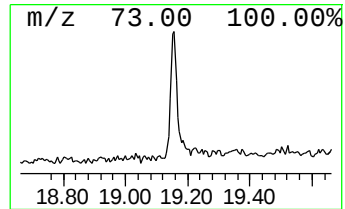
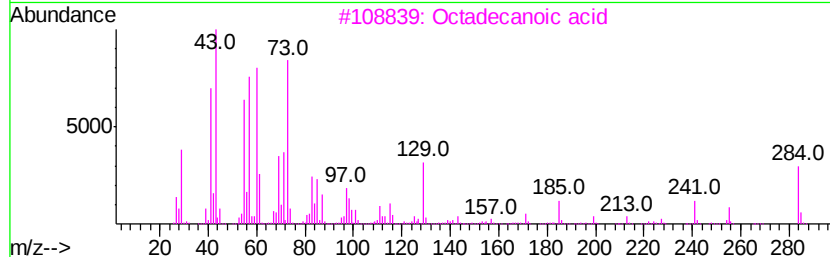
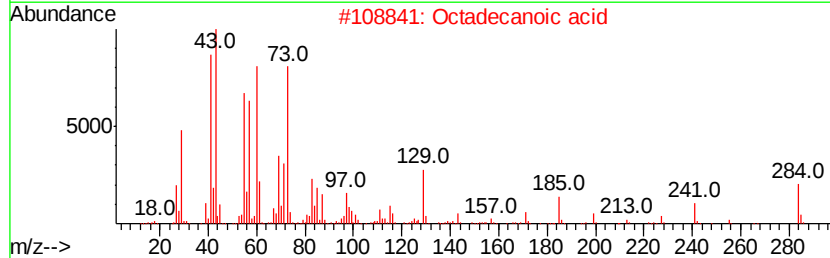
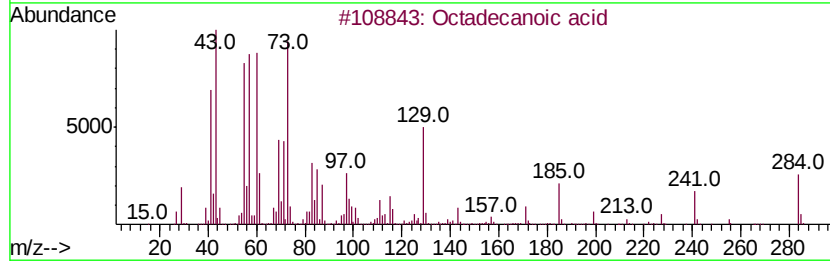
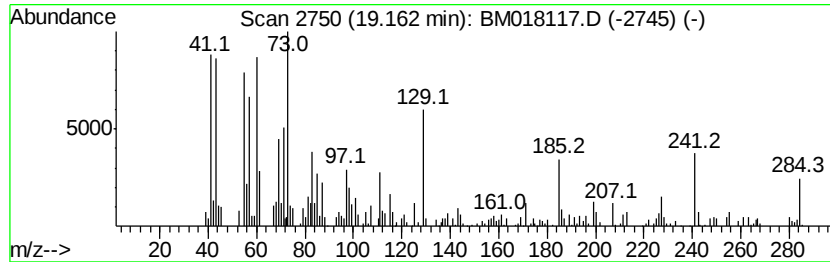
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.31 ng/ul	324353	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	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Octadecanoic acid	284	C18H36O2	000057-11-4	86
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018117.D
Acq On : 13 Dec 2018 05:55
Operator : JU/SJ
Sample : J6236-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

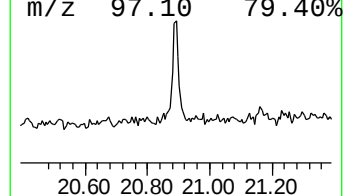
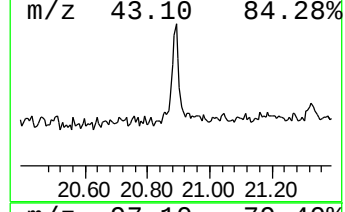
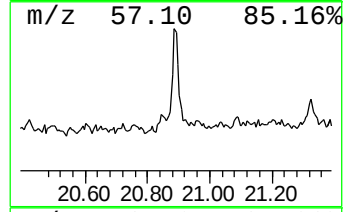
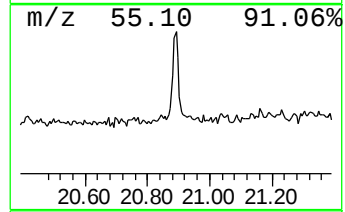
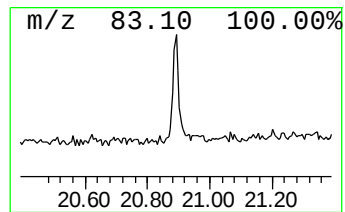
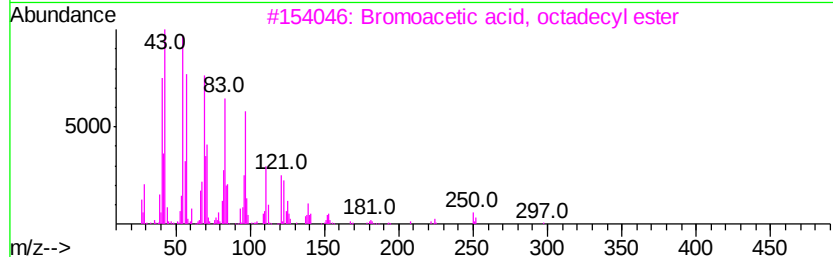
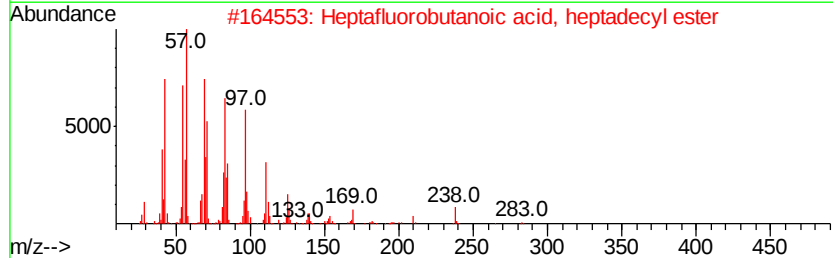
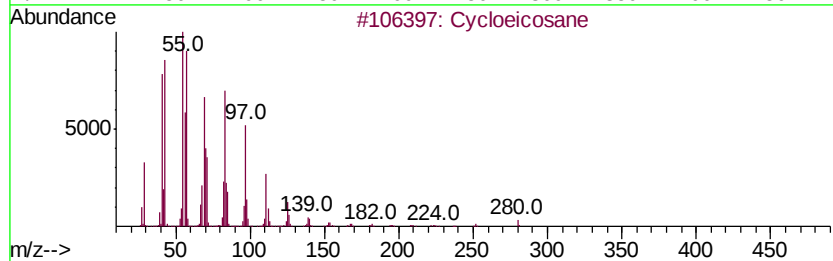
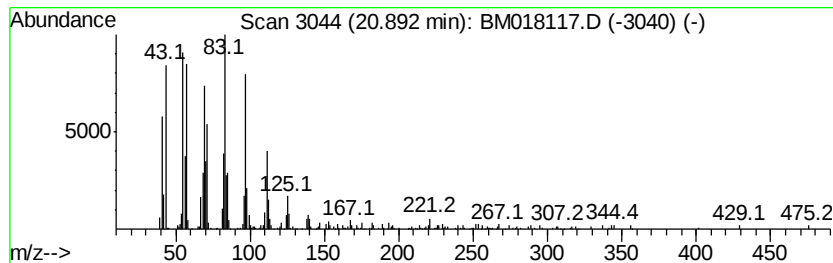
Instrument :
BNA_M
ClientSampleId :
F9E16

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.72 ng/ul	382594	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 97
2		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 93
3		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91
4		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 90
5		3-Eicosene, (E)-	280 C20H40	074685-33-9 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018117.D
Acq On : 13 Dec 2018 05:55
Operator : JU/SJ
Sample : J6236-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E16

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.71	2.2	ng/ul	83199	1	7.54	766478	20.0
(DEL) Alkane: Str...	15.94	2.1	ng/ul	247769	4	16.95	2334010	20.0
n-Hexadecanoic acid	17.86	4.3	ng/ul	506889	4	16.95	2334010	20.0
Octadecanoic acid	19.16	2.3	ng/ul	324353	5	21.17	2808410	20.0
(DEL) Alkane: Cyc...	20.89	2.7	ng/ul	382594	5	21.17	2808410	20.0