

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018043.D
 Acq On : 11 Dec 2018 02:33
 Operator : JU/SJ
 Sample : J6077-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y03

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	3.157	25	29	34	rBV	32384	40175	1.43%	0.095%
2	3.393	67	69	70	rBV2	4588	3966	0.14%	0.009%
3	3.552	92	96	101	rVB5	9262	12075	0.43%	0.029%
4	3.652	108	113	117	rBV	27134	38349	1.36%	0.091%
5	3.752	126	130	137	rVV2	17130	26532	0.94%	0.063%
6	3.852	141	147	150	rVV2	9199	15711	0.56%	0.037%
7	3.881	150	152	156	rVB3	3691	4530	0.16%	0.011%
8	4.204	203	207	213	rBV5	2991	6202	0.22%	0.015%
9	4.381	235	237	240	rBV3	3723	3971	0.14%	0.009%
10	4.546	260	265	267	rBV4	2715	4297	0.15%	0.010%
11	4.746	290	299	306	rBV2	27366	64573	2.29%	0.153%
12	4.834	311	314	317	rBV3	4515	4870	0.17%	0.012%
13	5.698	458	461	462	rBV2	3141	3744	0.13%	0.009%
14	5.975	504	508	509	rBV4	3326	4838	0.17%	0.011%
15	6.610	610	616	622	rBV6	3338	5585	0.20%	0.013%
16	6.745	633	639	659	rBV2	520338	1152029	40.93%	2.735%
17	6.904	660	666	680	rVV	464666	737963	26.22%	1.752%
18	6.998	680	682	686	rVB4	2729	4388	0.16%	0.010%
19	7.093	691	698	708	rBV	624029	1010494	35.91%	2.399%
20	7.163	708	710	715	rVB6	4638	5148	0.18%	0.012%
21	7.551	769	776	786	rBV	855098	1376996	48.93%	3.269%
22	7.628	786	789	793	rVB6	7953	11056	0.39%	0.026%
23	8.269	891	898	912	rBV	551467	977963	34.75%	2.322%
24	8.387	914	918	924	rVB2	9962	20213	0.72%	0.048%
25	8.710	965	973	986	rBV	548371	928427	32.99%	2.204%
26	8.875	998	1001	1004	rVB3	3660	4180	0.15%	0.010%
27	9.092	1033	1038	1044	rVB	20161	27250	0.97%	0.065%
28	9.245	1061	1064	1068	rVB2	2538	4085	0.15%	0.010%
29	9.422	1086	1094	1103	rBV	501224	855642	30.40%	2.031%
30	9.957	1178	1185	1207	rBV	667892	1295636	46.04%	3.076%
31	10.322	1239	1247	1262	rVB	1287817	2132207	75.76%	5.062%
32	10.480	1264	1274	1295	rBV	465393	1069742	38.01%	2.540%
33	11.233	1400	1402	1406	rBV4	3507	4568	0.16%	0.011%
34	11.345	1415	1421	1426	rBV4	8768	19754	0.70%	0.047%

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35	11.586	1456	1462	1463	rBV4	5232	7028	0.25%	0.017%
36	11.939	1517	1522	1524	rBV4	6011	13045	0.46%	0.031%
37	11.975	1527	1528	1531	rVB2	5791	4159	0.15%	0.010%
38	12.145	1552	1557	1561	rVB4	3835	5291	0.19%	0.013%
39	12.233	1569	1572	1574	rBV4	3465	4387	0.16%	0.010%
40	12.392	1598	1599	1603	rVB3	2874	3761	0.13%	0.009%
41	12.457	1603	1610	1616	rBV5	5757	13983	0.50%	0.033%
42	12.610	1633	1636	1641	rVB4	2276	3748	0.13%	0.009%
43	12.722	1650	1655	1660	rBV3	16176	23126	0.82%	0.055%
44	12.804	1665	1669	1671	rBV4	4996	5296	0.19%	0.013%
45	12.992	1697	1701	1703	rBV5	4953	6932	0.25%	0.016%
46	13.027	1703	1707	1708	rBV2	7569	8438	0.30%	0.020%
47	13.174	1728	1732	1736	rVB5	5441	8981	0.32%	0.021%
48	13.327	1755	1758	1761	rBV5	3867	4753	0.17%	0.011%
49	13.627	1799	1809	1813	rBV	1246522	1784276	63.40%	4.236%
50	13.674	1813	1817	1823	rVB	260176	400853	14.24%	0.952%
51	13.892	1843	1854	1863	rBV	1474126	2246733	79.83%	5.334%
52	14.045	1878	1880	1884	rVB4	4304	5833	0.21%	0.014%
53	14.116	1886	1892	1895	rBV6	12018	22280	0.79%	0.053%
54	14.204	1900	1907	1916	rBV2	1687749	2609082	92.71%	6.194%
55	14.457	1944	1950	1960	rBV	198086	533891	18.97%	1.268%
56	14.610	1974	1976	1977	rBV2	5842	6203	0.22%	0.015%
57	14.663	1980	1985	1994	rVV8	21234	51683	1.84%	0.123%
58	14.733	1994	1997	2002	rVB6	12552	20860	0.74%	0.050%
59	15.068	2052	2054	2058	rVB4	13933	15211	0.54%	0.036%
60	15.157	2067	2069	2071	rBV3	5127	6028	0.21%	0.014%
61	15.210	2071	2078	2087	rVV	1822898	2740473	97.38%	6.506%
62	15.274	2087	2089	2090	rVB2	6575	4840	0.17%	0.011%
63	15.357	2098	2103	2114	rBV	224317	369109	13.12%	0.876%
64	15.451	2114	2119	2121	rBV2	27383	42659	1.52%	0.101%
65	15.563	2133	2138	2139	rBV5	8004	13252	0.47%	0.031%
66	15.668	2155	2156	2157	rBV	9440	5834	0.21%	0.014%
67	15.786	2172	2176	2178	rBV5	7452	10807	0.38%	0.026%
68	15.898	2191	2195	2198	rBV6	8986	11009	0.39%	0.026%
69	15.951	2198	2204	2209	rBV3	50737	99304	3.53%	0.236%
70	16.521	2297	2301	2307	rVB5	29083	51550	1.83%	0.122%
71	16.780	2342	2345	2349	rVB4	41450	54592	1.94%	0.130%

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72	16.962	2370	2376	2381	rBV2	1897732	2784998	98.96%	6.612%
73	17.004	2381	2383	2387	rVV	89533	114908	4.08%	0.273%
74	17.062	2387	2393	2404	rVV2	1856598	2739555	97.34%	6.504%
75	17.874	2526	2531	2540	rBV	526040	783022	27.82%	1.859%
76	19.162	2748	2750	2754	rBV2	172310	175761	6.25%	0.417%
77	19.315	2772	2776	2780	rBV	1043937	1223940	43.49%	2.906%
78	19.368	2781	2785	2798	rVB	1930243	2814295	100.00%	6.682%
79	20.368	2952	2955	2958	rVB	717208	706929	25.12%	1.678%
80	20.897	3042	3045	3050	rVB	643465	836347	29.72%	1.986%
81	21.174	3088	3092	3096	rVB	1732111	2145653	76.24%	5.094%
82	23.215	3435	3439	3448	rVB	1320132	2502043	88.90%	5.940%
83	23.350	3459	3462	3470	rVB	1355212	2196195	78.04%	5.214%

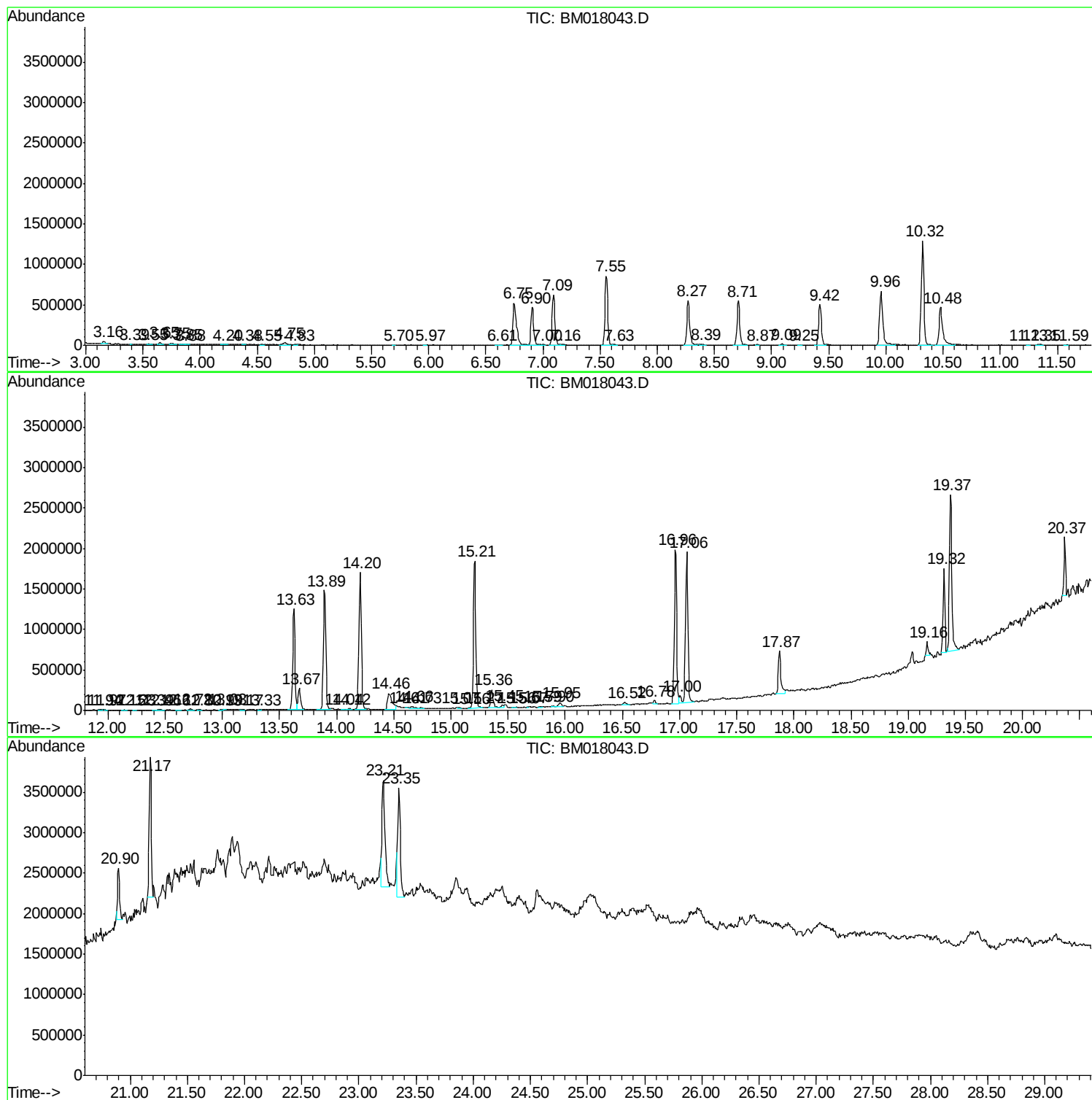
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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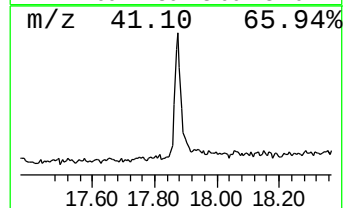
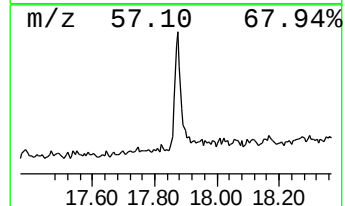
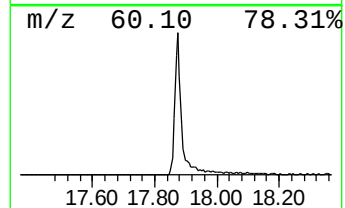
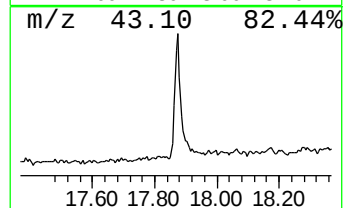
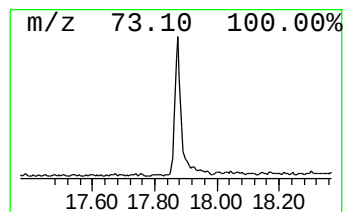
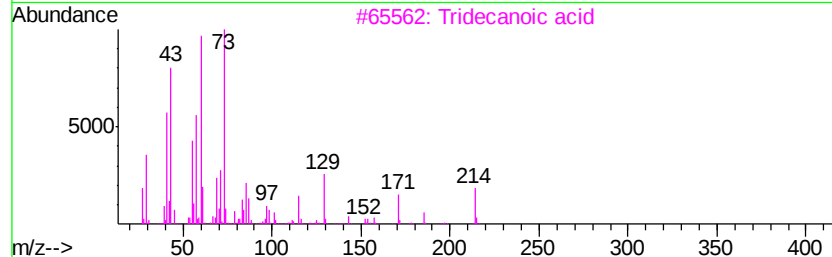
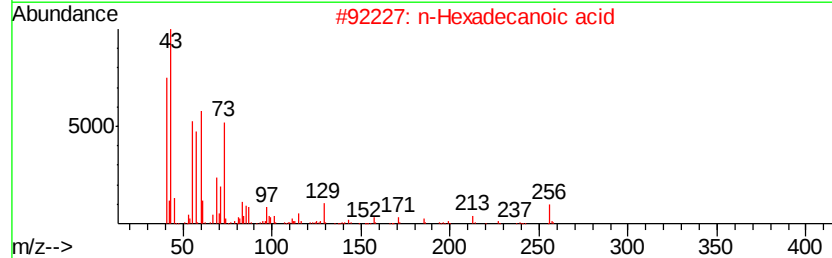
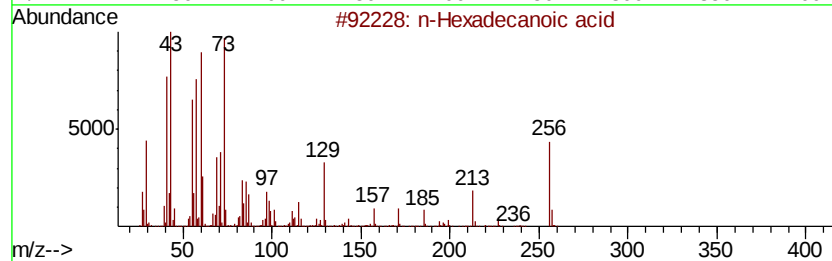
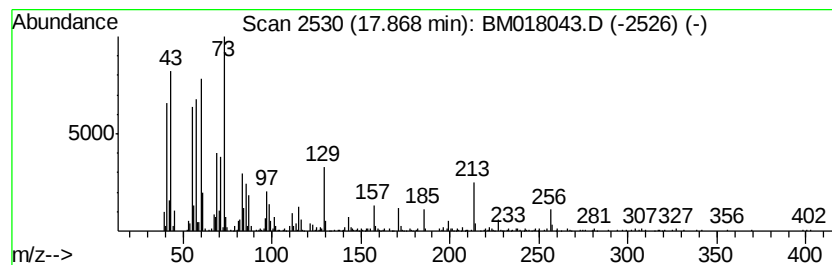
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	5.62 ng/ul	783022	Phenanthrene-d10		16.96	
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	98
3	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	87
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	83



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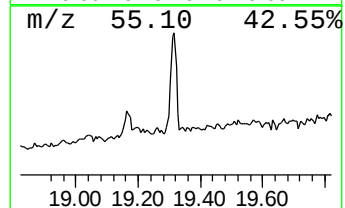
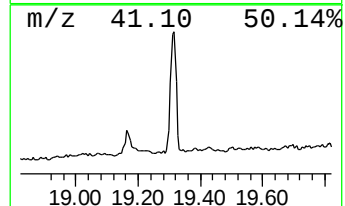
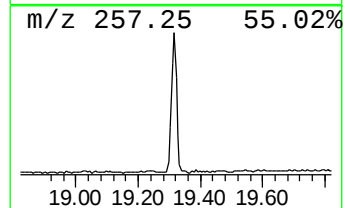
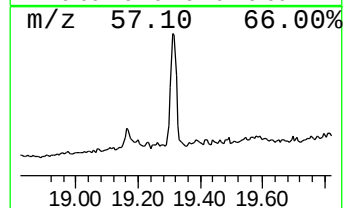
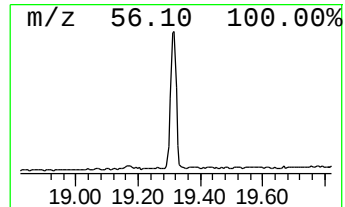
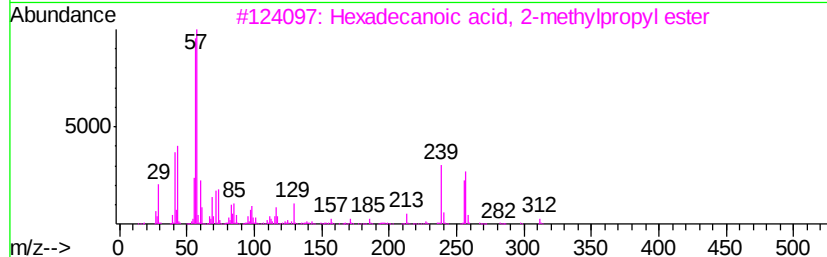
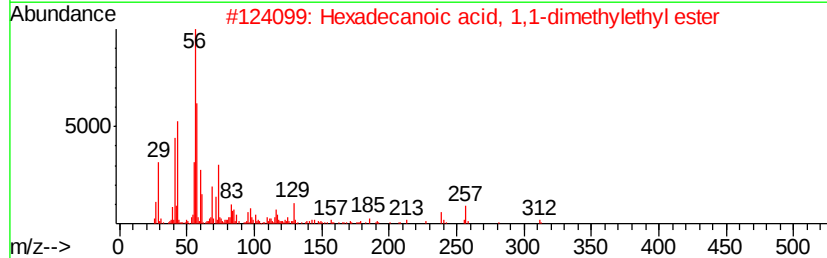
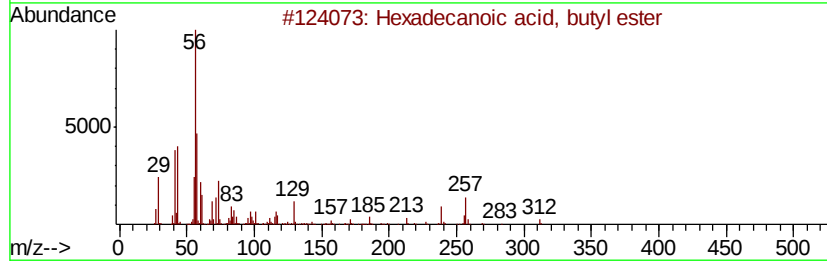
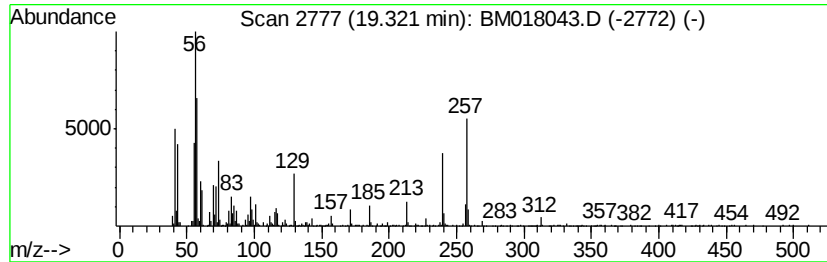
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	11.41 ng/ul	1223940	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	92
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3		Hexadecanoic acid, 2-methylpropv...	312	C20H40O2	000110-34-9	89
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	81
5		Nipecotic acid	129	C6H11NO2	000498-95-3	43



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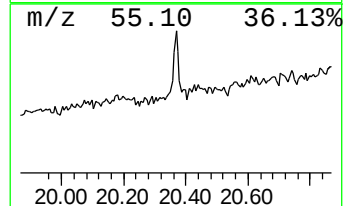
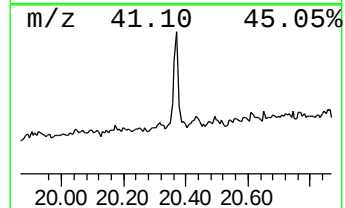
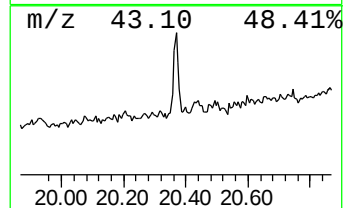
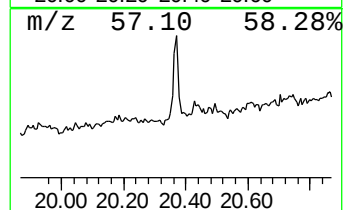
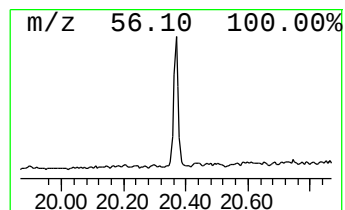
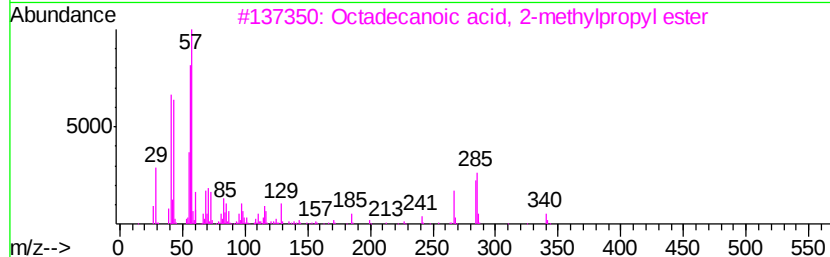
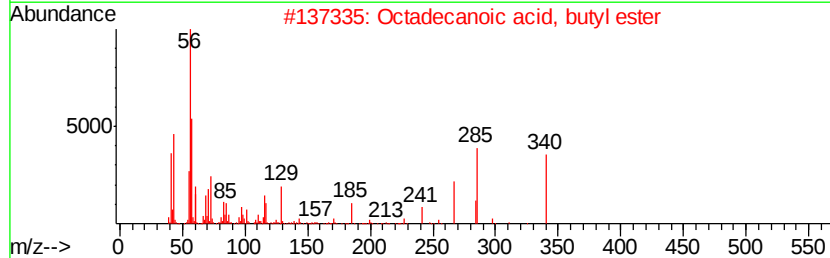
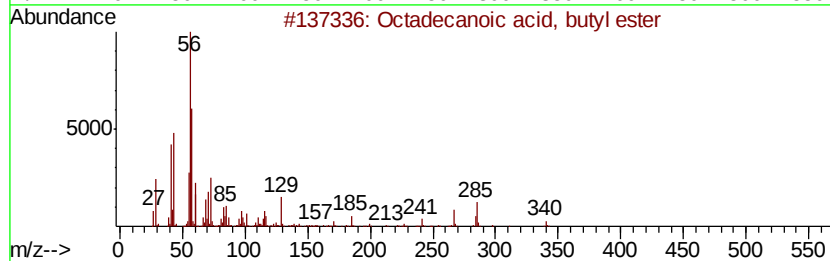
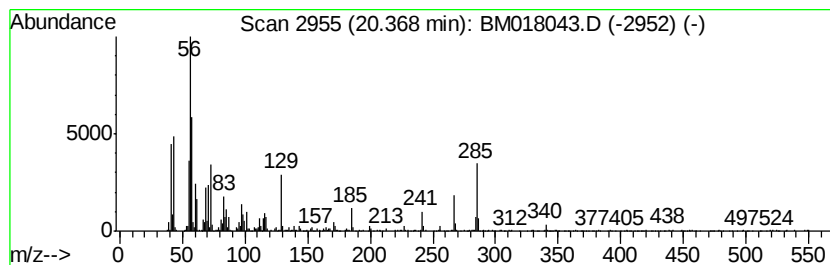
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	6.59 ng/ul	706929	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	64
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
5		n-Butyl myristate	284	C18H36O2	000110-36-1	59



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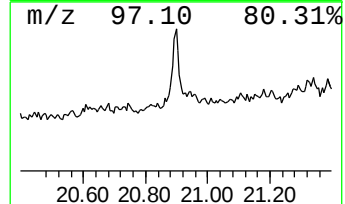
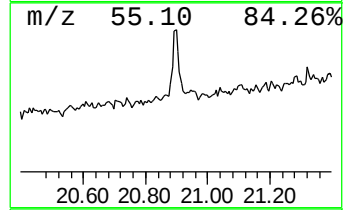
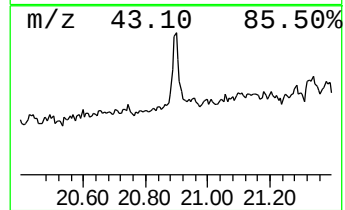
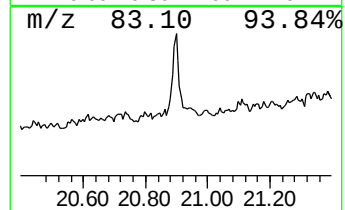
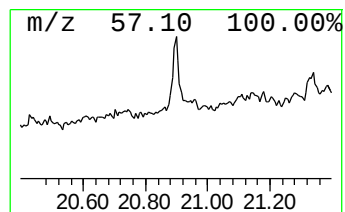
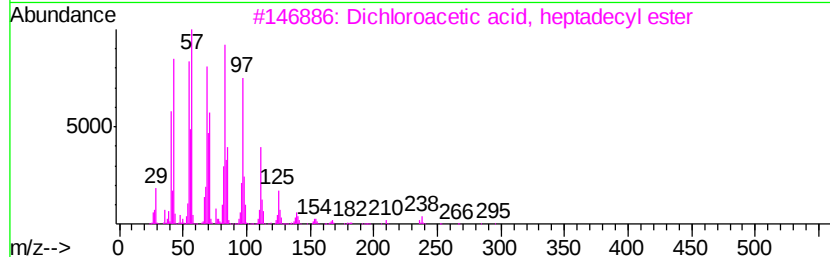
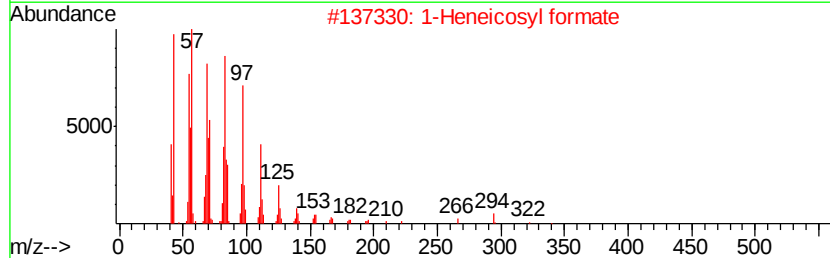
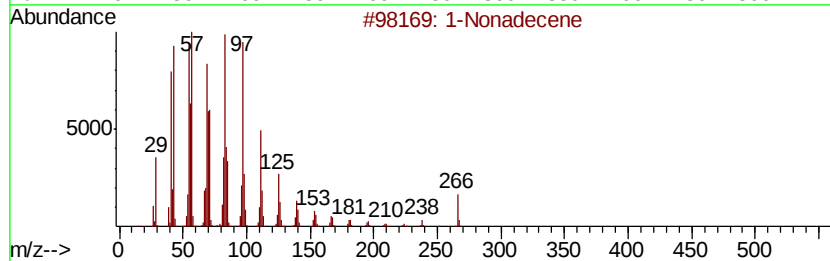
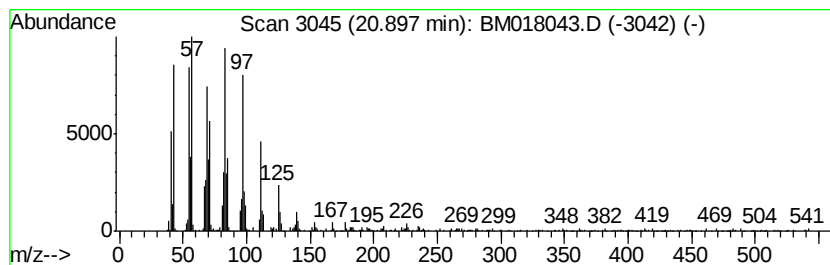
Instrument :
BNA_M
ClientSampleId :
F9Y03

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

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

Peak Number 4 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.80 ng/ul	836347	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	96
2	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94
4	9-Nonadecene	266 C19H38	031035-07-1	92
5	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\
Data File : BM018043.D
Acq On : 11 Dec 2018 02:33
Operator : JU/SJ
Sample : J6077-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y03

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
n-Hexadecanoic acid	17.87	5.6	ng/ul	783022	4	16.96	2785000	20.0
Hexadecanoic acid...	19.32	11.4	ng/ul	1223940	5	21.17	2145650	20.0
Octadecanoic acid...	20.37	6.6	ng/ul	706929	5	21.17	2145650	20.0
(DEL) Alkane: Cyc...	20.90	7.8	ng/ul	836347	5	21.17	2145650	20.0