

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
 Data File : BM018016.D
 Acq On : 08 Dec 2018 13:36
 Operator : JU/SJ
 Sample : J6077-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y42

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	3.163	26	30	35	rBV2	27729	38984	1.25%	0.117%
2	3.440	74	77	79	rBV4	7215	8628	0.28%	0.026%
3	4.010	170	174	178	rBV6	5602	9637	0.31%	0.029%
4	4.287	218	221	225	rVB4	4568	6544	0.21%	0.020%
5	4.546	263	265	273	rVB3	4404	7464	0.24%	0.022%
6	4.752	296	300	305	rVV5	5696	8483	0.27%	0.026%
7	4.804	305	309	317	rVB6	8056	16668	0.53%	0.050%
8	5.457	415	420	424	rBV5	4971	6112	0.20%	0.018%
9	5.534	430	433	440	rBV4	6202	8165	0.26%	0.025%
10	5.599	442	444	450	rVV4	3935	5834	0.19%	0.018%
11	5.846	484	486	492	rVB4	6043	9620	0.31%	0.029%
12	6.069	519	524	529	rVV6	7423	16729	0.53%	0.050%
13	6.128	529	534	539	rVB2	11245	19428	0.62%	0.059%
14	6.193	543	545	548	rVV3	7681	10799	0.35%	0.033%
15	6.228	548	551	557	rVB4	10593	16236	0.52%	0.049%
16	6.687	624	629	633	rVV4	10597	20852	0.67%	0.063%
17	6.746	633	639	653	rVV2	455916	981445	31.36%	2.958%
18	6.840	653	655	656	rVV2	6847	5622	0.18%	0.017%
19	6.904	659	666	677	rVV	401440	668620	21.36%	2.015%
20	6.998	679	682	685	rVV5	6487	11821	0.38%	0.036%
21	7.040	685	689	692	rVV4	7348	12948	0.41%	0.039%
22	7.093	692	698	712	rVV	560205	935569	29.89%	2.819%
23	7.510	766	769	770	rBV2	4741	5313	0.17%	0.016%
24	7.557	770	777	784	rVV	470435	792444	25.32%	2.388%
25	7.728	800	806	809	rVB4	4281	7500	0.24%	0.023%
26	7.810	815	820	821	rBV4	5822	7974	0.25%	0.024%
27	8.269	891	898	909	rBV	546375	1021522	32.64%	3.079%
28	8.610	950	956	957	rBV4	6057	8356	0.27%	0.025%
29	8.634	957	960	966	rVB7	11296	19138	0.61%	0.058%
30	8.710	966	973	986	rBV	469751	824317	26.34%	2.484%
31	8.840	991	995	997	rVV3	5312	7132	0.23%	0.021%
32	8.875	1000	1001	1007	rVB4	8948	9841	0.31%	0.030%
33	9.092	1034	1038	1042	rVV3	7506	13616	0.44%	0.041%
34	9.163	1046	1050	1057	rVV5	5278	10584	0.34%	0.032%

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35	9.234	1059	1062	1067	rVB3	8430	12805	0.41%	0.039%
36	9.287	1067	1071	1074	rBV3	3273	5225	0.17%	0.016%
37	9.422	1087	1094	1104	rVV	391279	715139	22.85%	2.155%
38	9.487	1104	1105	1114	rVV6	13845	24347	0.78%	0.073%
39	9.728	1142	1146	1150	rBV3	11434	18392	0.59%	0.055%
40	9.957	1178	1185	1198	rBV	522383	1016742	32.49%	3.064%
41	10.175	1217	1222	1226	rVB7	4918	6338	0.20%	0.019%
42	10.322	1240	1247	1256	rVB	626740	1055839	33.74%	3.182%
43	10.475	1267	1273	1293	rVV	399517	974825	31.15%	2.938%
44	10.686	1306	1309	1314	rBV6	3064	5700	0.18%	0.017%
45	10.798	1323	1328	1333	rVB6	6465	12049	0.38%	0.036%
46	10.981	1354	1359	1361	rVV3	6648	8907	0.28%	0.027%
47	11.022	1364	1366	1368	rVV	6245	5154	0.16%	0.016%
48	11.245	1401	1404	1408	rVB4	3596	5290	0.17%	0.016%
49	11.345	1413	1421	1426	rBV5	20101	34932	1.12%	0.105%
50	11.586	1457	1462	1471	rVB5	7911	16534	0.53%	0.050%
51	11.733	1482	1487	1489	rBV3	4366	6964	0.22%	0.021%
52	11.939	1519	1522	1525	rBV3	5790	8974	0.29%	0.027%
53	12.722	1650	1655	1661	rVV2	21824	34524	1.10%	0.104%
54	12.792	1665	1667	1675	rVB4	3543	5610	0.18%	0.017%
55	12.992	1698	1701	1705	rBV3	6028	7442	0.24%	0.022%
56	13.116	1716	1722	1725	rVB5	4056	7232	0.23%	0.022%
57	13.175	1730	1732	1738	rVB3	5378	8455	0.27%	0.025%
58	13.627	1803	1809	1814	rVV	981853	1499768	47.92%	4.520%
59	13.675	1814	1817	1823	rVV2	180326	279416	8.93%	0.842%
60	13.892	1846	1854	1870	rBV	1304733	1881600	60.12%	5.671%
61	14.045	1878	1880	1885	rVB4	5055	5471	0.17%	0.016%
62	14.204	1900	1907	1915	rBV2	830344	1273508	40.69%	3.838%
63	14.457	1943	1950	1959	rBV2	142732	398188	12.72%	1.200%
64	14.739	1994	1998	2000	rBV5	5774	6534	0.21%	0.020%
65	15.051	2048	2051	2054	rBV3	6705	11322	0.36%	0.034%
66	15.204	2071	2077	2089	rBV	1539894	2310515	73.83%	6.963%
67	15.345	2096	2101	2113	rVV	387126	643870	20.57%	1.940%
68	15.451	2116	2119	2128	rVB7	24024	57824	1.85%	0.174%
69	15.957	2198	2205	2209	rVV3	19796	31758	1.01%	0.096%
70	15.986	2209	2210	2218	rVB6	3680	6982	0.22%	0.021%
71	16.057	2218	2222	2226	rVB5	3330	5814	0.19%	0.018%

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72	16.104	2226	2230	2236	rBV7	4020	8639	0.28%	0.026%
73	16.268	2256	2258	2261	rBV3	3936	5246	0.17%	0.016%
74	16.339	2268	2270	2274	rVB3	4735	5234	0.17%	0.016%
75	16.745	2331	2339	2340	rBV5	5676	11210	0.36%	0.034%
76	16.780	2342	2345	2350	rVB4	9333	13433	0.43%	0.040%
77	16.957	2369	2375	2386	rBV	968824	1411973	45.12%	4.255%
78	17.057	2386	2392	2407	rVV2	1529517	2373989	75.85%	7.154%
79	17.380	2442	2447	2450	rBV6	5183	8238	0.26%	0.025%
80	17.874	2524	2531	2541	rBV	240018	421976	13.48%	1.272%
81	18.157	2577	2579	2585	rBV5	4434	5863	0.19%	0.018%
82	18.551	2643	2646	2650	rBV5	4186	7375	0.24%	0.022%
83	19.004	2719	2723	2728	rBV	15764	27817	0.89%	0.084%
84	19.162	2746	2750	2756	rBV3	78037	121967	3.90%	0.368%
85	19.251	2762	2765	2770	rVV3	16969	24721	0.79%	0.075%
86	19.309	2770	2775	2779	rVV	170435	199534	6.38%	0.601%
87	19.368	2779	2785	2800	rVV	1929340	2805638	89.65%	8.455%
88	19.468	2800	2802	2805	rVB4	6236	6579	0.21%	0.020%
89	19.909	2873	2877	2878	rBV3	12373	17064	0.55%	0.051%
90	19.927	2878	2880	2884	rVB4	20513	22476	0.72%	0.068%
91	20.368	2951	2955	2959	rVB2	105815	113915	3.64%	0.343%
92	20.427	2961	2965	2969	rBV4	37133	45673	1.46%	0.138%
93	20.898	3040	3045	3054	rBV	363599	542226	17.33%	1.634%
94	21.174	3086	3092	3102	rBV	1135782	1738537	55.55%	5.239%
95	21.333	3116	3119	3124	rBV2	76091	87246	2.79%	0.263%
96	21.762	3189	3192	3194	rBV2	67886	70431	2.25%	0.212%
97	22.203	3264	3267	3272	rBV3	129441	176700	5.65%	0.533%
98	22.692	3347	3350	3354	rVB	120870	152510	4.87%	0.460%
99	23.209	3431	3438	3449	rBV	1600510	3129673	100.00%	9.432%
100	23.344	3455	3461	3470	rBV	863531	1662428	53.12%	5.010%

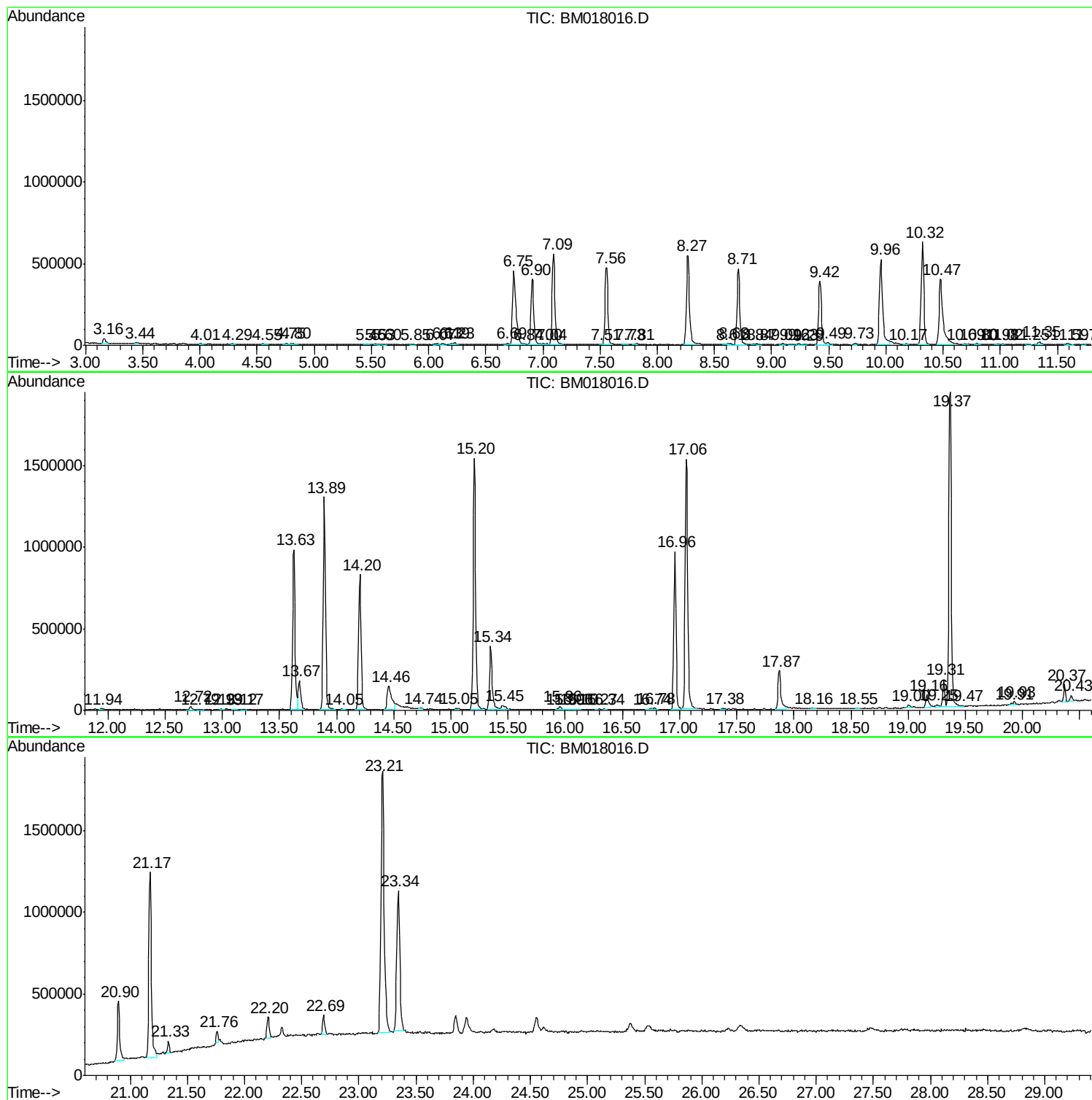
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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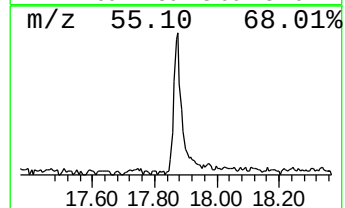
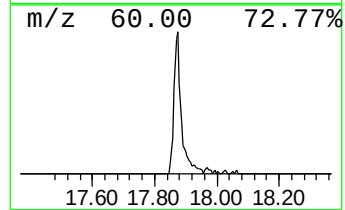
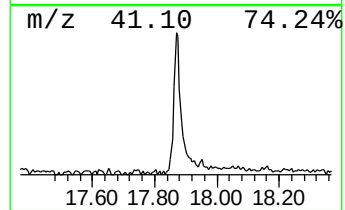
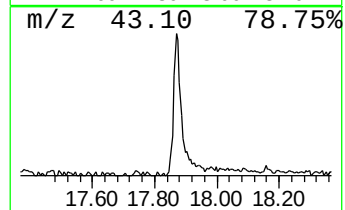
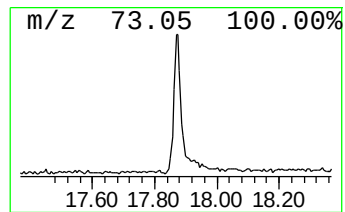
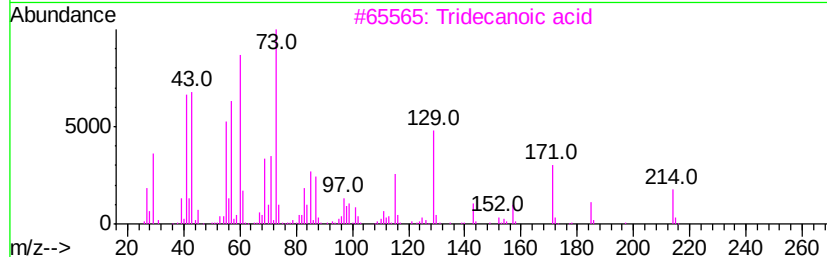
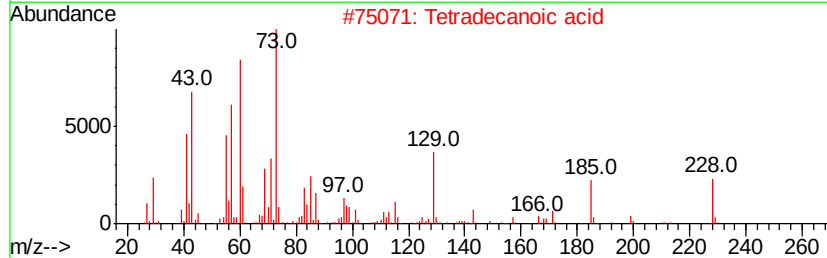
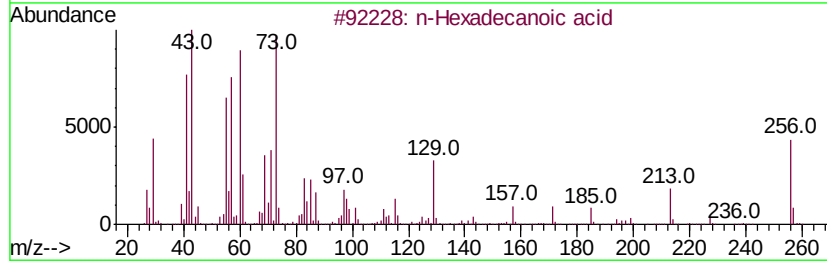
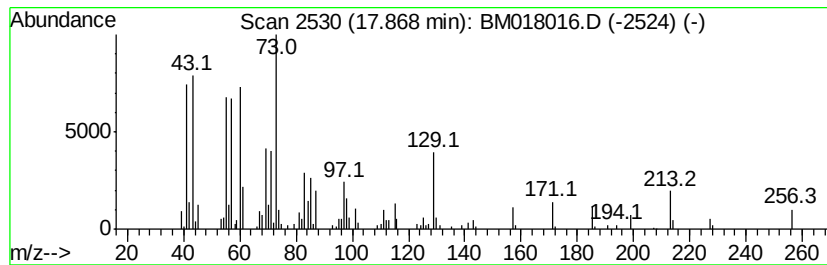
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	5.98 ng/ul	421976	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



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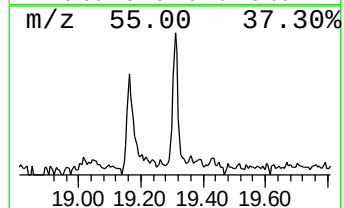
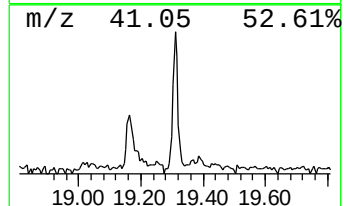
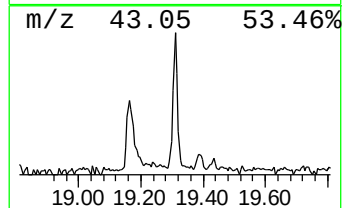
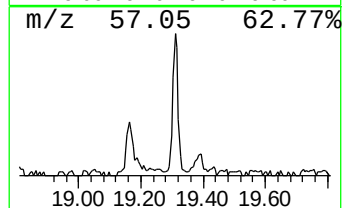
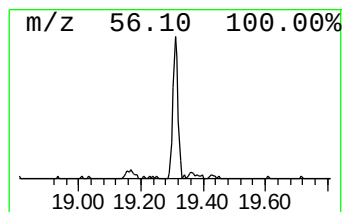
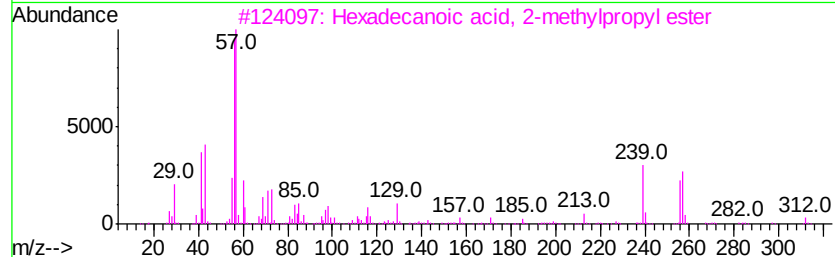
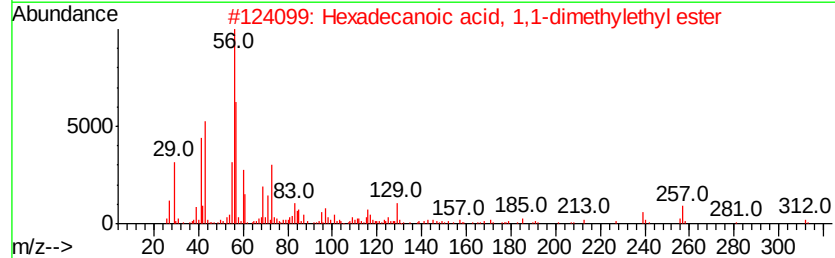
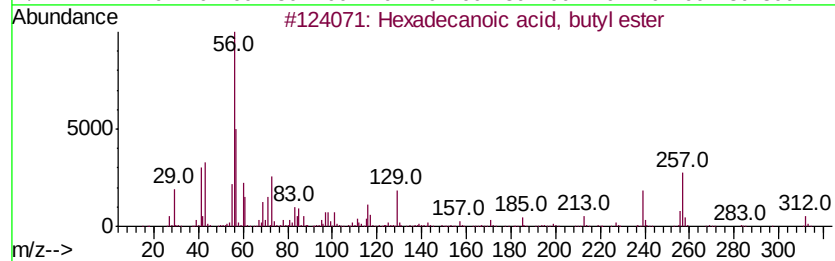
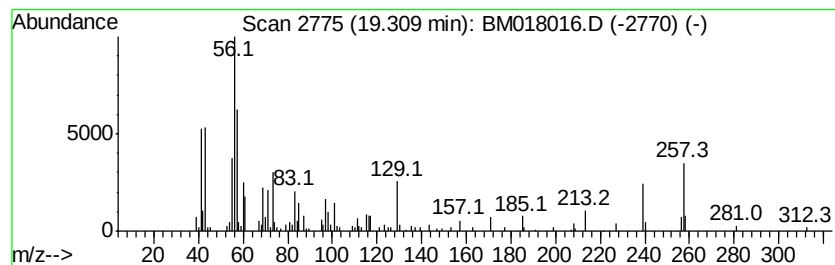
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.30 ng/ul	199534	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	38
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30
5		2-Methyl-1-nonene	140	C10H20	002980-71-4	27



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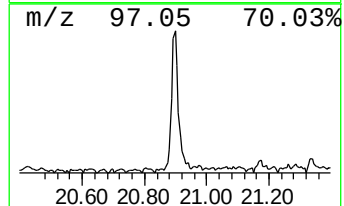
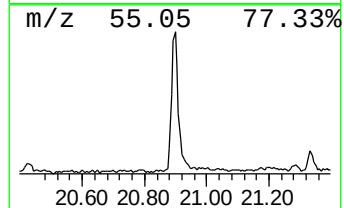
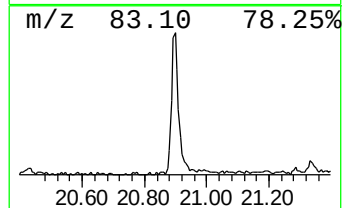
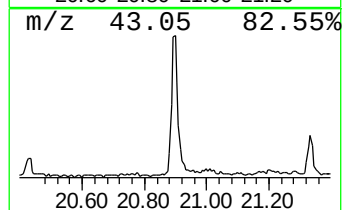
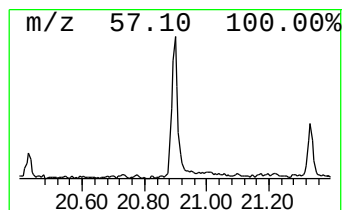
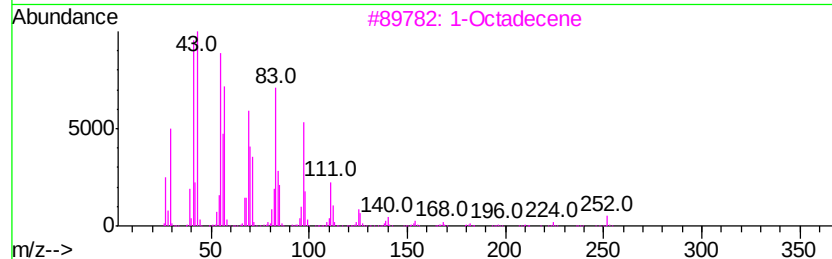
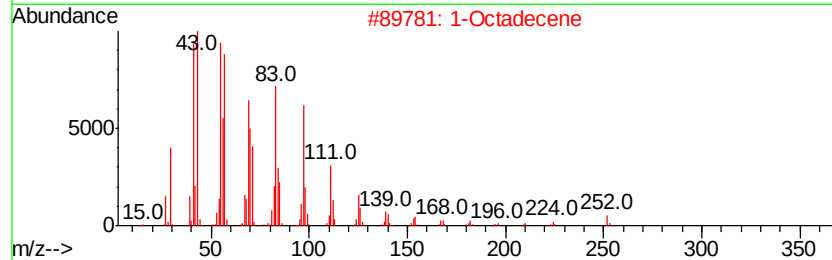
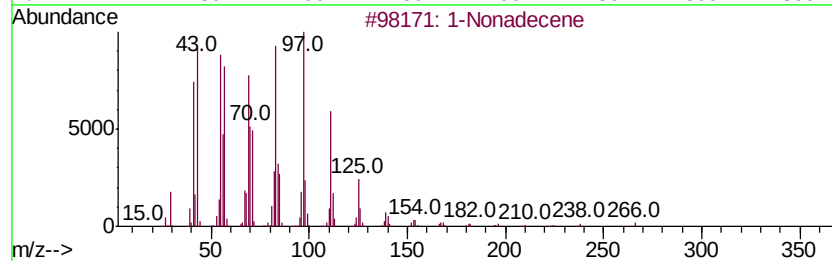
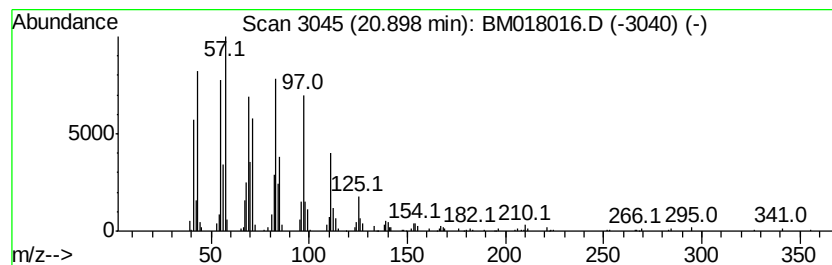
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.24 ng/ul	542226	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			1-Octadecene	252	C18H36	000112-88-9	96
3			1-Octadecene	252	C18H36	000112-88-9	93
4			Cyclopentadecane	210	C15H30	000295-48-7	93
5			17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018016.D
Acq On : 08 Dec 2018 13:36
Operator : JU/SJ
Sample : J6077-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y42

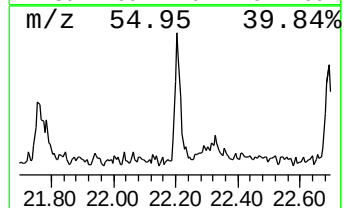
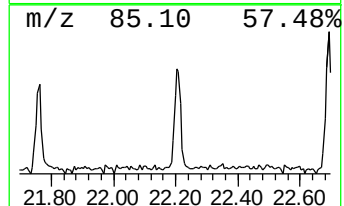
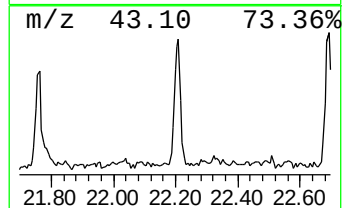
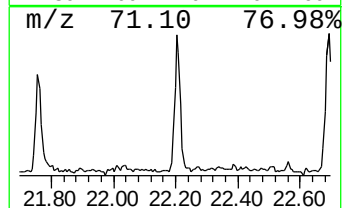
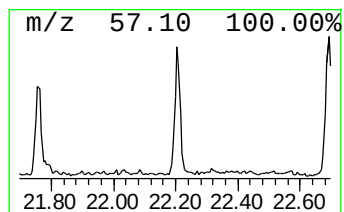
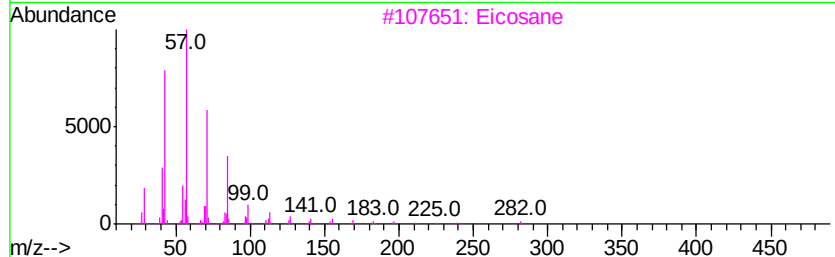
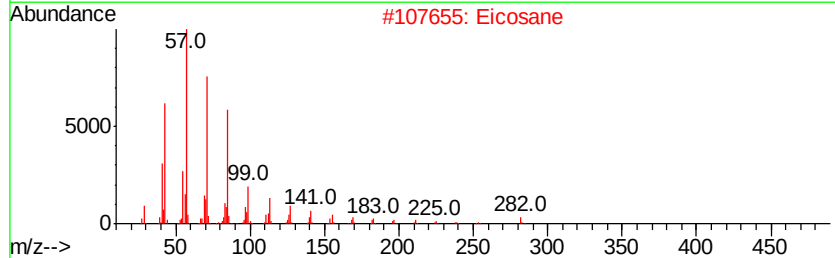
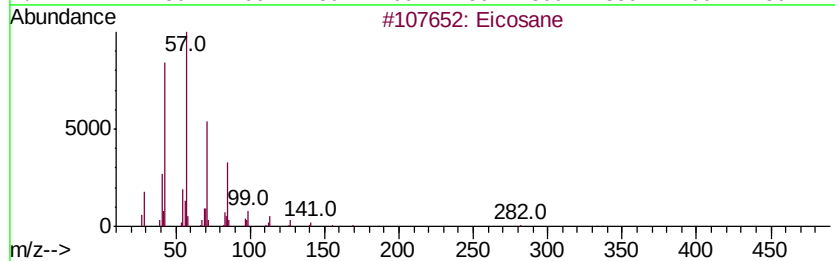
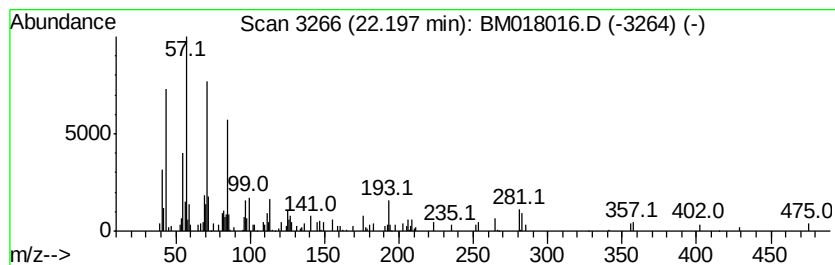
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.03 ng/ul	176700	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Octacosane	394	C28H58	000630-02-4	76
5		Tetradecane	198	C14H30	000629-59-4	70



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BNA_M
ClientSampleId :
F9Y42

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	6.0	ng/ul	421976	4	16.96	1411970	20.0
Hexadecanoic acid...	19.31	2.3	ng/ul	199534	5	21.17	1738540	20.0
(DEL) Alkane: Cyc...	20.90	6.2	ng/ul	542226	5	21.17	1738540	20.0
(DEL) Alkane: Str...	22.20	2.0	ng/ul	176700	5	21.17	1738540	20.0