

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018038.D
 Acq On : 10 Dec 2018 23:31
 Operator : JU/SJ
 Sample : J6077-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y01

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	3.158	25	29	34	rVB	41319	53134	1.21%	0.104%
2	3.552	94	96	101	rVB4	4858	6969	0.16%	0.014%
3	3.646	108	112	117	rVB	17443	20641	0.47%	0.040%
4	3.752	126	130	134	rVB2	17844	26805	0.61%	0.052%
5	3.846	142	146	155	rVB	11687	20620	0.47%	0.040%
6	4.740	291	298	304	rBV2	28017	60361	1.37%	0.118%
7	4.840	311	315	320	rVB5	4172	7249	0.16%	0.014%
8	5.705	459	462	468	rBV5	2668	5019	0.11%	0.010%
9	6.740	631	638	653	rBV2	723433	1507612	34.22%	2.944%
10	6.904	659	666	678	rBV	641477	989652	22.46%	1.933%
11	7.087	690	697	707	rBV	803085	1301523	29.54%	2.542%
12	7.551	769	776	785	rBV	707163	1174670	26.66%	2.294%
13	7.622	785	788	793	rVB5	8549	14860	0.34%	0.029%
14	8.263	891	897	907	rBV	775455	1322669	30.02%	2.583%
15	8.381	913	917	923	rVB3	10757	18606	0.42%	0.036%
16	8.469	929	932	936	rVB3	2679	5135	0.12%	0.010%
17	8.704	965	972	985	rBV	683448	1150318	26.11%	2.247%
18	9.093	1032	1038	1044	rBV2	19868	30377	0.69%	0.059%
19	9.416	1086	1093	1103	rBV	580715	998635	22.67%	1.950%
20	9.951	1177	1184	1204	rBV	806372	1523918	34.59%	2.976%
21	10.316	1238	1246	1254	rBV	1037400	1753375	39.80%	3.424%
22	10.469	1265	1272	1292	rBV	561601	1278680	29.02%	2.497%
23	11.934	1517	1521	1529	rBV2	9002	21051	0.48%	0.041%
24	12.722	1651	1655	1661	rVB4	4654	7238	0.16%	0.014%
25	13.016	1697	1705	1706	rBV3	4571	7327	0.17%	0.014%
26	13.622	1800	1808	1813	rBV	1601016	2334828	53.00%	4.560%
27	13.669	1813	1816	1826	rVB	237585	338906	7.69%	0.662%
28	13.886	1846	1853	1864	rBV	1904100	2871906	65.19%	5.609%
29	14.104	1886	1890	1893	rBV3	7244	10086	0.23%	0.020%
30	14.198	1898	1906	1915	rBV2	1476467	2310143	52.44%	4.512%
31	14.445	1942	1948	1973	rBV2	278625	848459	19.26%	1.657%
32	14.604	1973	1975	1979	rVV6	10027	17906	0.41%	0.035%
33	14.657	1979	1984	1988	rVB5	28552	49342	1.12%	0.096%
34	14.727	1994	1996	1999	rVB4	6697	7461	0.17%	0.015%

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35	14.904	2022	2026	2027	rBV3	3664	4857	0.11%	0.009%
36	15.016	2040	2045	2047	rBV3	6499	10665	0.24%	0.021%
37	15.063	2051	2053	2057	rVB3	16819	20110	0.46%	0.039%
38	15.110	2057	2061	2062	rBV4	3682	5566	0.13%	0.011%
39	15.204	2070	2077	2086	rBV	2373925	3573413	81.11%	6.979%
40	15.274	2086	2089	2095	rVB6	9682	16806	0.38%	0.033%
41	15.345	2095	2101	2112	rBV	675797	1067645	24.23%	2.085%
42	15.445	2114	2118	2121	rBV2	25954	39781	0.90%	0.078%
43	15.633	2144	2150	2154	rVB5	4131	6987	0.16%	0.014%
44	15.698	2156	2161	2163	rVV5	3312	5149	0.12%	0.010%
45	15.769	2170	2173	2175	rBV4	4210	4979	0.11%	0.010%
46	15.880	2189	2192	2193	rBV3	5217	5236	0.12%	0.010%
47	15.951	2197	2204	2209	rBV5	20151	49353	1.12%	0.096%
48	16.098	2224	2229	2231	rBV3	5144	8110	0.18%	0.016%
49	16.280	2255	2260	2261	rBV4	4999	7460	0.17%	0.015%
50	16.339	2266	2270	2274	rVB4	10421	12989	0.29%	0.025%
51	16.392	2276	2279	2283	rVB4	7501	7631	0.17%	0.015%
52	16.516	2295	2300	2305	rBV5	14043	25340	0.58%	0.049%
53	16.621	2315	2318	2322	rVB4	6507	7311	0.17%	0.014%
54	16.686	2326	2329	2333	rBV6	4238	8141	0.18%	0.016%
55	16.733	2333	2337	2338	rVV4	10008	13439	0.31%	0.026%
56	16.769	2341	2343	2355	rVB5	18057	31466	0.71%	0.061%
57	16.874	2357	2361	2362	rBV3	5225	5178	0.12%	0.010%
58	16.892	2362	2364	2368	rVB5	4462	4767	0.11%	0.009%
59	16.957	2368	2375	2380	rBV	1899842	2711505	61.55%	5.296%
60	16.998	2380	2382	2386	rVV	96013	121081	2.75%	0.236%
61	17.057	2386	2392	2406	rVV	2635464	3784974	85.91%	7.392%
62	17.168	2409	2411	2412	rVV2	7886	6097	0.14%	0.012%
63	17.192	2412	2415	2420	rVB6	6456	14349	0.33%	0.028%
64	17.463	2458	2461	2464	rBV3	4902	8365	0.19%	0.016%
65	17.568	2478	2479	2484	rVB4	5872	7810	0.18%	0.015%
66	17.645	2489	2492	2494	rBV3	3753	4855	0.11%	0.009%
67	17.745	2503	2509	2510	rBV5	16193	22662	0.51%	0.044%
68	17.868	2524	2530	2540	rBV	512380	767435	17.42%	1.499%
69	18.157	2576	2579	2582	rBV4	12101	13269	0.30%	0.026%
70	18.245	2592	2594	2595	rBV2	5892	5010	0.11%	0.010%
71	18.357	2608	2613	2615	rBV5	9291	14338	0.33%	0.028%

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72	18.398	2617	2620	2626	rVB6	14406	24604	0.56%	0.048%
73	18.551	2644	2646	2649	rBV4	4128	4752	0.11%	0.009%
74	18.792	2686	2687	2693	rVB4	9822	12430	0.28%	0.024%
75	18.915	2704	2708	2711	rBV5	15177	23150	0.53%	0.045%
76	19.027	2719	2727	2736	rBV	266519	440380	10.00%	0.860%
77	19.162	2745	2750	2760	rBV	266542	431539	9.80%	0.843%
78	19.251	2761	2765	2771	rVV2	35476	59213	1.34%	0.116%
79	19.310	2771	2775	2779	rVV	864801	943262	21.41%	1.842%
80	19.362	2779	2784	2793	rVB2	3053648	4405674	100.00%	8.604%
81	19.480	2799	2804	2806	rBV6	13309	21291	0.48%	0.042%
82	19.898	2872	2875	2877	rBV3	14159	17637	0.40%	0.034%
83	19.927	2878	2880	2884	rVB3	32161	26984	0.61%	0.053%
84	20.362	2950	2954	2959	rVB	534658	593325	13.47%	1.159%
85	20.427	2961	2965	2969	rBV2	47852	59835	1.36%	0.117%
86	20.651	3001	3003	3009	rBV4	26203	36833	0.84%	0.072%
87	20.892	3040	3044	3052	rBV	370123	549266	12.47%	1.073%
88	21.168	3085	3091	3096	rBV	1978127	2686708	60.98%	5.247%
89	21.333	3115	3119	3122	rBV2	89632	109824	2.49%	0.214%
90	21.756	3188	3191	3193	rBV2	100455	124453	2.82%	0.243%
91	22.203	3264	3267	3273	rVB2	125850	150486	3.42%	0.294%
92	22.692	3346	3350	3356	rBV3	209337	376165	8.54%	0.735%
93	23.203	3431	3437	3451	rVB	1688337	3461581	78.57%	6.761%
94	23.345	3454	3461	3470	rVV	1119656	2123554	48.20%	4.147%

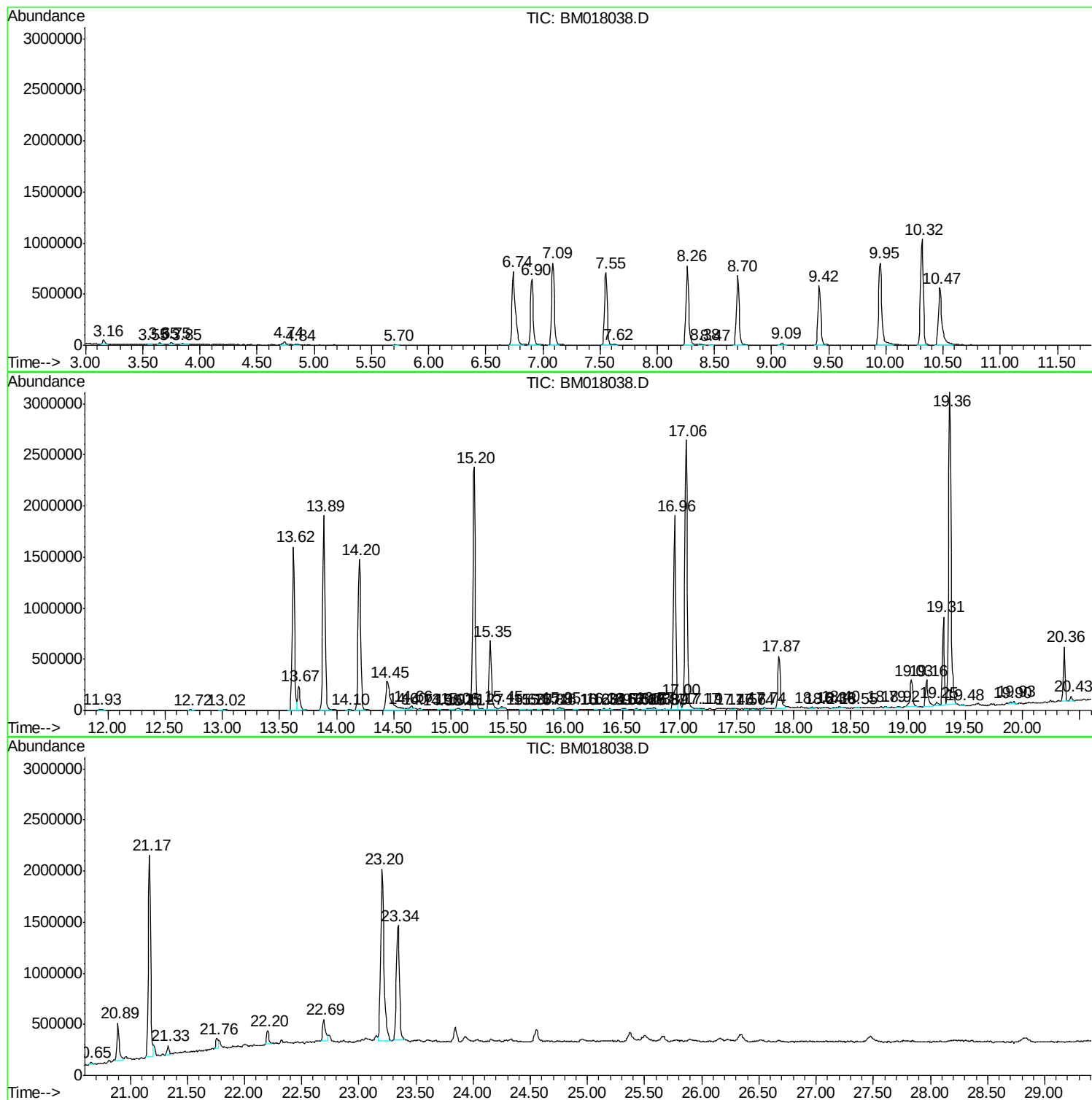
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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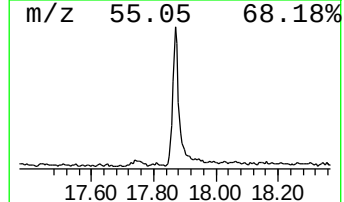
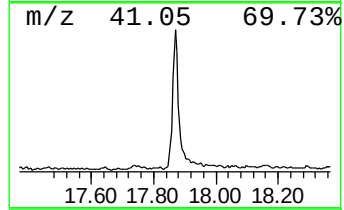
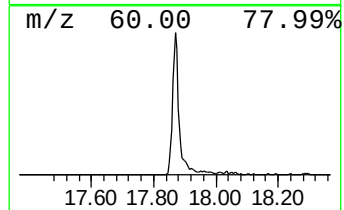
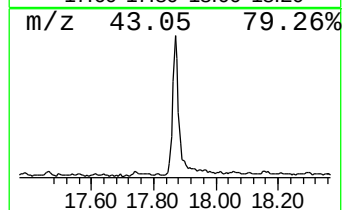
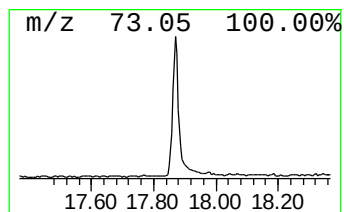
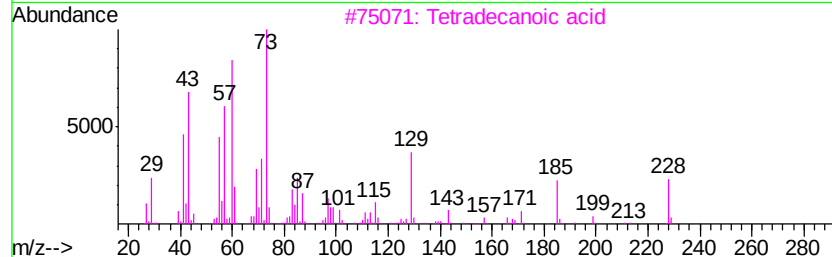
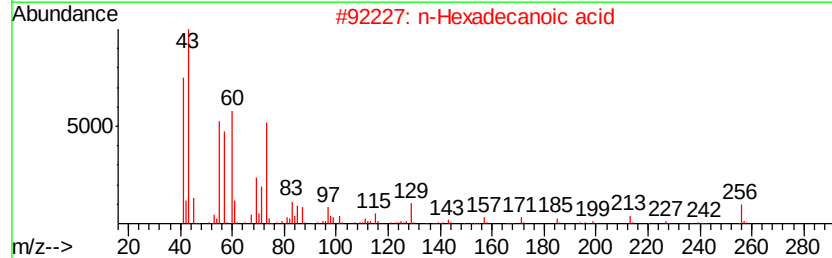
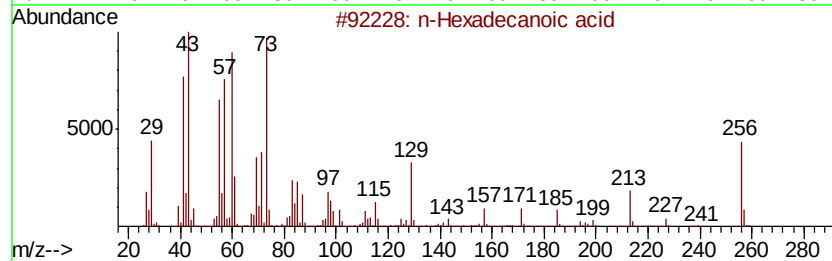
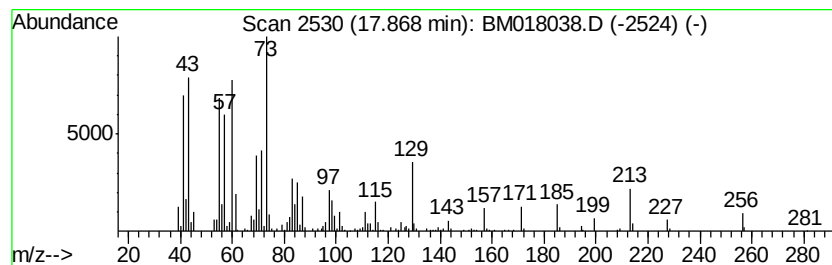
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.66 ng/ul	767435	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	96
3	Tetradecanoic acid	228 C14H28O2	000544-63-8	90
4	Tridecanoic acid	214 C13H26O2	000638-53-9	64
5	Tridecanoic acid	214 C13H26O2	000638-53-9	62



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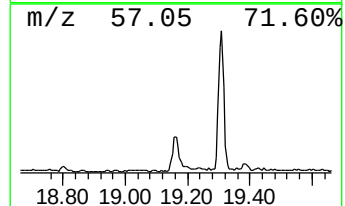
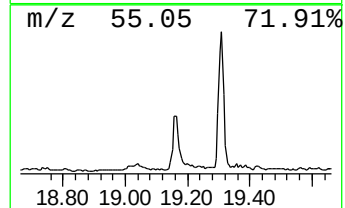
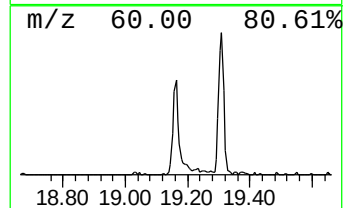
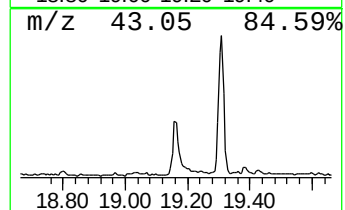
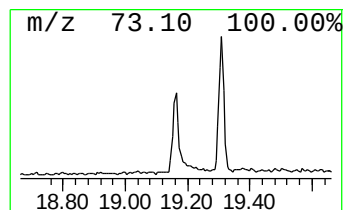
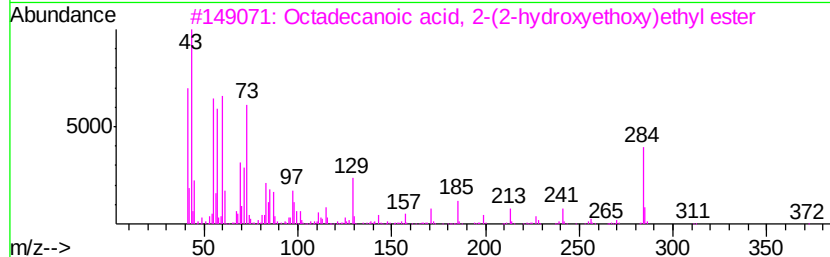
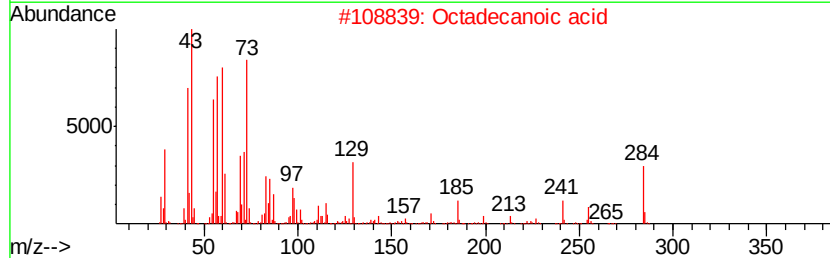
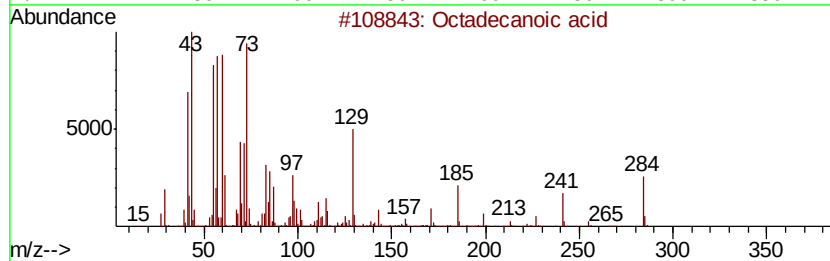
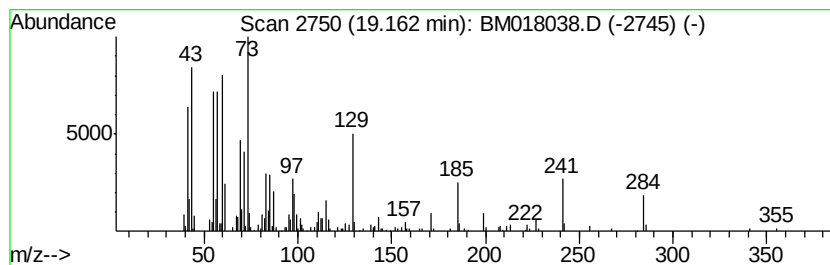
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.21 ng/ul	431539	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	94
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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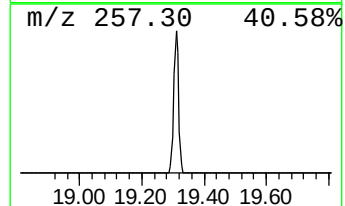
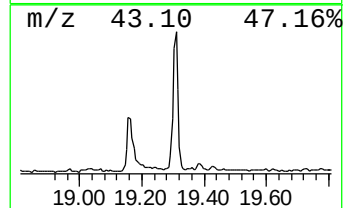
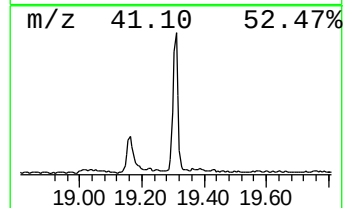
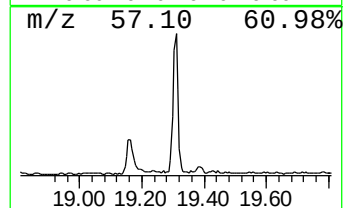
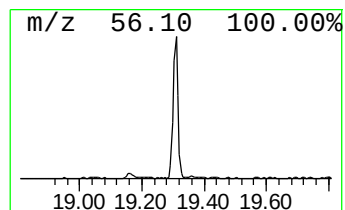
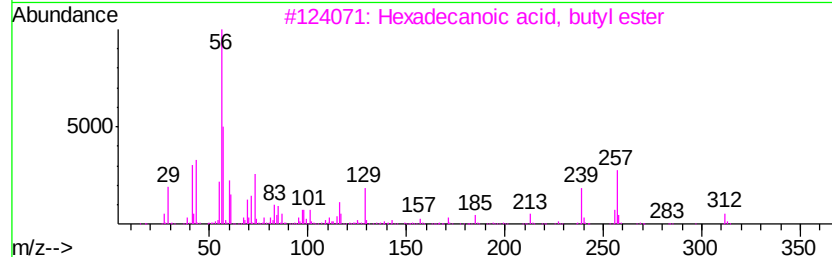
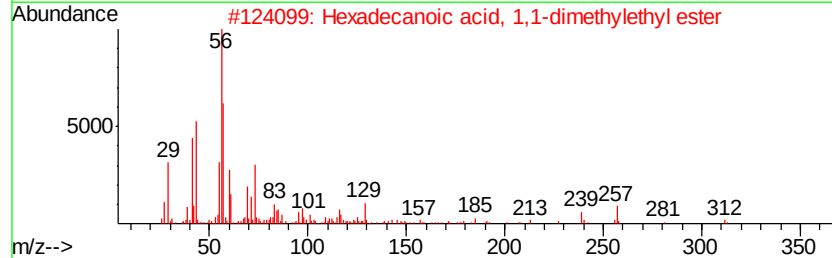
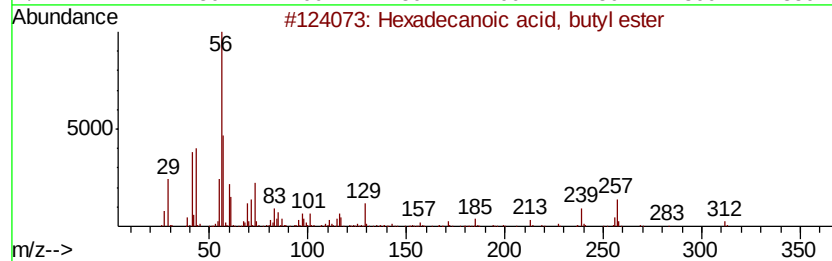
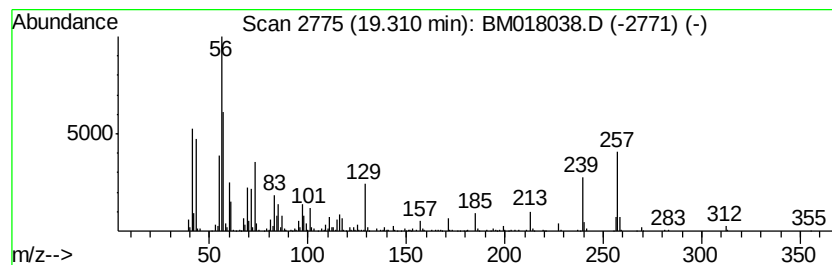
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	7.02 ng/ul	943262	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	92
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
4		Nipecotic acid	129	C6H11NO2	000498-95-3	38
5		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35



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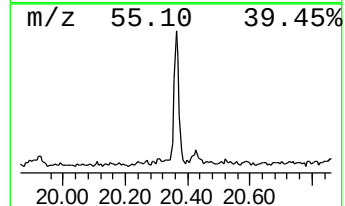
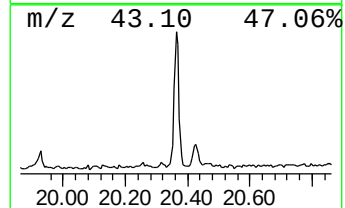
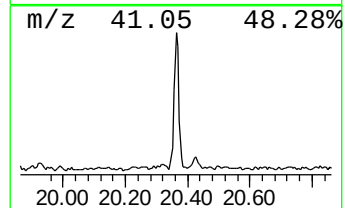
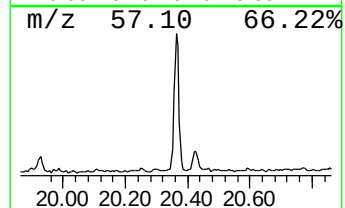
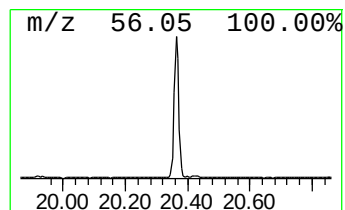
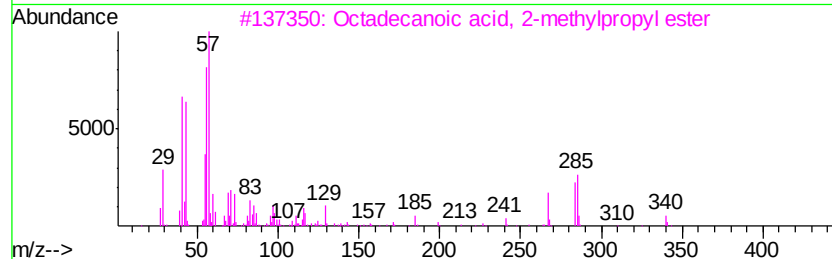
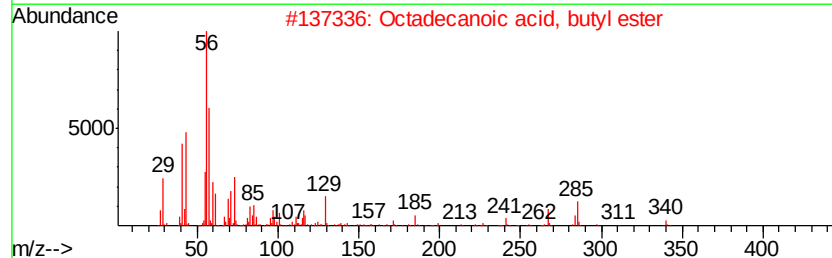
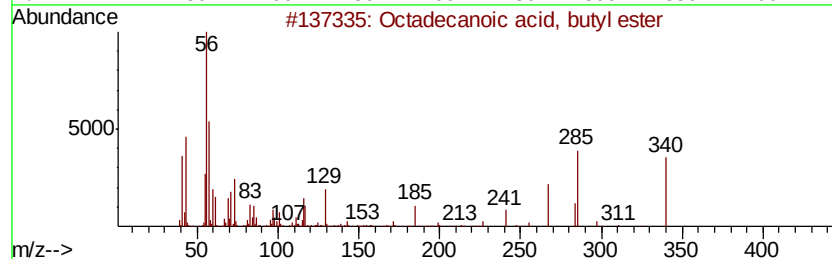
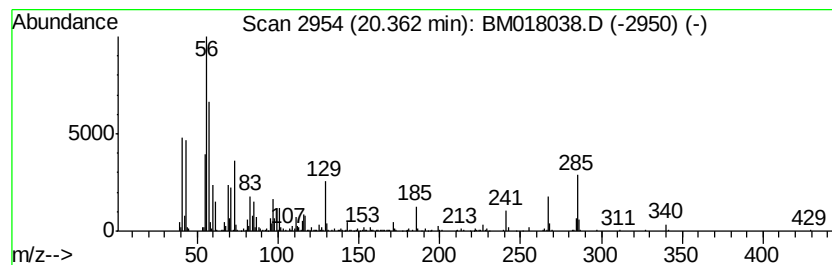
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	4.42 ng/ul	593325	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	80
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\BM121018\
Data File : BM018038.D
Acq On : 10 Dec 2018 23:31
Operator : JU/SJ
Sample : J6077-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

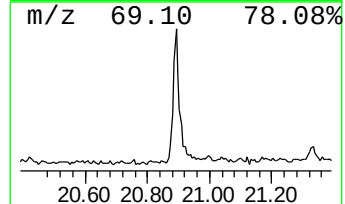
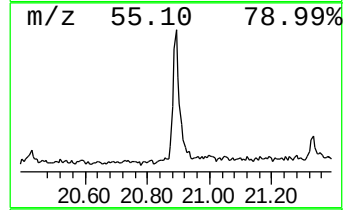
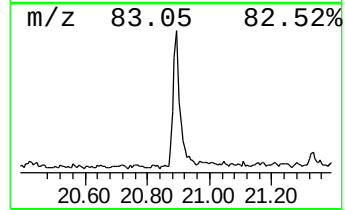
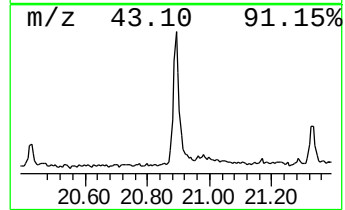
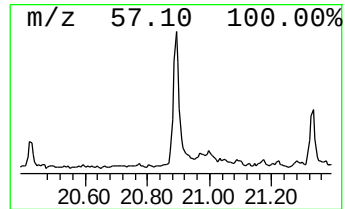
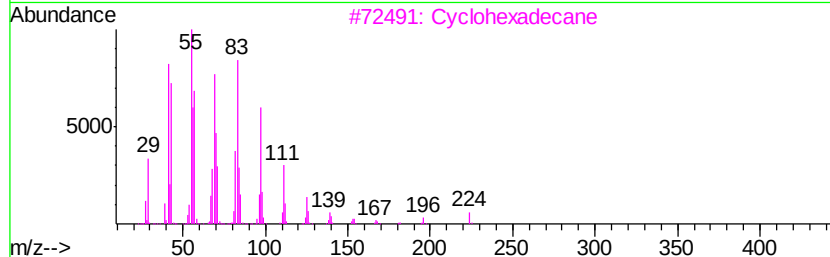
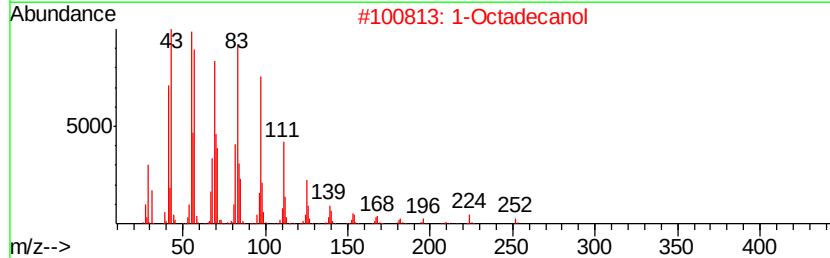
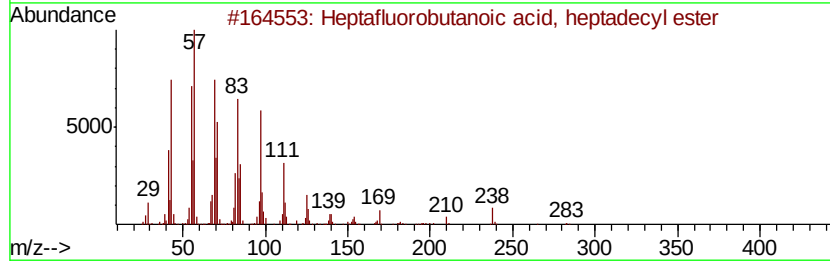
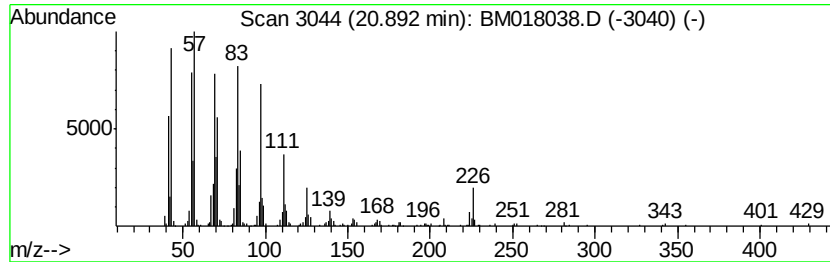
Instrument :
BNA_M
ClientSampleId :
F9Y01

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 5 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.89	4.09 ng/ul	549266	Chrysene-d12		21.17	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
2		1-Octadecanol	270	C18H38O	000112-92-5	74
3		Cyclohexadecane	224	C16H32	000295-65-8	70
4		1-Nonadecene	266	C19H38	018435-45-5	60
5		Cyclotetracosane	336	C24H48	000297-03-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\
Data File : BM018038.D
Acq On : 10 Dec 2018 23:31
Operator : JU/SJ
Sample : J6077-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y01

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	5.7	ng/ul	767435	4	16.96	2711510	20.0
Octadecanoic acid	19.16	3.2	ng/ul	431539	5	21.17	2686710	20.0
Hexadecanoic acid...	19.31	7.0	ng/ul	943262	5	21.17	2686710	20.0
Octadecanoic acid...	20.36	4.4	ng/ul	593325	5	21.17	2686710	20.0
Heptafluorobutano...	20.89	4.1	ng/ul	549266	5	21.17	2686710	20.0