

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018135.D
 Acq On : 13 Dec 2018 18:53
 Operator : JU/SJ
 Sample : J6271-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9F14

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-BM121318MA.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	3.104	34	37	42	rVB2	21045	22510	0.62%	0.063%
2	3.604	116	122	126	rBV5	7805	10990	0.30%	0.031%
3	3.699	133	138	146	rVB	21457	36878	1.02%	0.103%
4	3.798	151	155	158	rBV	6347	7318	0.20%	0.020%
5	3.898	167	172	178	rBV3	17992	27222	0.75%	0.076%
6	4.010	190	191	197	rVB4	4218	5109	0.14%	0.014%
7	4.157	214	216	222	rVB3	3553	5208	0.14%	0.015%
8	4.210	222	225	230	rBV3	3986	6218	0.17%	0.017%
9	4.563	281	285	288	rBV2	3015	4185	0.12%	0.012%
10	4.675	298	304	316	rBV2	31281	59516	1.64%	0.166%
11	5.940	514	519	526	rVB	19367	25753	0.71%	0.072%
12	6.639	633	638	643	rBV4	3581	5545	0.15%	0.015%
13	6.704	643	649	666	rVV2	325002	666409	18.37%	1.859%
14	6.863	670	676	688	rBV	300111	483067	13.32%	1.348%
15	7.051	701	708	723	rBV	389232	651977	17.97%	1.819%
16	7.510	780	786	797	rBV	416589	674047	18.58%	1.880%
17	7.586	797	799	803	rVB	3475	4138	0.11%	0.012%
18	8.228	902	908	921	rBV	442465	781070	21.53%	2.179%
19	8.669	976	983	995	rBV	362262	623650	17.19%	1.740%
20	9.051	1042	1048	1054	rBV	17005	24436	0.67%	0.068%
21	9.380	1096	1104	1117	rBV	329920	564416	15.56%	1.575%
22	9.916	1188	1195	1215	rBV	410346	816944	22.52%	2.279%
23	10.045	1215	1217	1222	rVV2	4136	7704	0.21%	0.021%
24	10.275	1249	1256	1265	rBV	624337	1045927	28.83%	2.918%
25	10.439	1277	1284	1310	rBV	265204	650493	17.93%	1.815%
26	11.910	1526	1534	1542	rBV3	4001	8708	0.24%	0.024%
27	13.592	1813	1820	1825	rBV	996687	1481127	40.83%	4.132%
28	13.639	1825	1828	1835	rVV	145279	215758	5.95%	0.602%
29	13.857	1858	1865	1875	rBV	1116545	1660441	45.77%	4.632%
30	14.168	1911	1918	1931	rVB2	966312	1499986	41.35%	4.185%
31	14.415	1954	1960	1980	rBV	220593	541099	14.92%	1.510%
32	14.580	1986	1988	1991	rVB2	4690	4604	0.13%	0.013%
33	14.621	1991	1995	2003	rVB7	12203	27174	0.75%	0.076%
34	14.974	2053	2055	2057	rBV2	3625	3798	0.10%	0.011%

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35	15.033	2060	2065	2068	rBV4	6243	9523	0.26%	0.027%
36	15.092	2071	2075	2079	rVB3	3070	4786	0.13%	0.013%
37	15.174	2082	2089	2100	rBV	1443148	2145838	59.15%	5.986%
38	15.321	2108	2114	2125	rBV	451344	718334	19.80%	2.004%
39	15.415	2125	2130	2140	rVB3	21548	35031	0.97%	0.098%
40	15.745	2181	2186	2193	rBV6	7173	16888	0.47%	0.047%
41	15.904	2210	2213	2218	rVV5	5060	9152	0.25%	0.026%
42	16.251	2269	2272	2274	rBV4	3860	5064	0.14%	0.014%
43	16.315	2278	2283	2286	rBV3	6534	8929	0.25%	0.025%
44	16.374	2288	2293	2296	rBV4	5179	8912	0.25%	0.025%
45	16.498	2310	2314	2319	rVB4	2744	3748	0.10%	0.010%
46	16.709	2346	2350	2353	rBV4	6106	10451	0.29%	0.029%
47	16.856	2371	2375	2377	rBV4	5389	7675	0.21%	0.021%
48	16.927	2381	2387	2396	rBV2	1365938	1886299	52.00%	5.262%
49	17.027	2396	2404	2417	rVV	1662538	2430328	66.99%	6.780%
50	17.168	2426	2428	2432	rVB3	5707	5924	0.16%	0.017%
51	17.221	2436	2437	2442	rBV4	3139	3721	0.10%	0.010%
52	17.333	2455	2456	2461	rBV5	4763	6446	0.18%	0.018%
53	17.698	2516	2518	2519	rBV2	4530	4358	0.12%	0.012%
54	17.721	2519	2522	2527	rVB4	6899	11083	0.31%	0.031%
55	17.780	2527	2532	2537	rBV6	8518	15583	0.43%	0.043%
56	17.845	2537	2543	2551	rBV	440499	631248	17.40%	1.761%
57	18.262	2613	2614	2618	rBV4	2739	3784	0.10%	0.011%
58	18.498	2649	2654	2655	rBV4	2887	4497	0.12%	0.013%
59	18.574	2665	2667	2671	rBV5	3225	3838	0.11%	0.011%
60	18.986	2729	2737	2739	rBV5	33142	62444	1.72%	0.174%
61	19.015	2740	2742	2745	rVB4	18718	20777	0.57%	0.058%
62	19.133	2758	2762	2774	rBV	264922	433718	11.96%	1.210%
63	19.227	2774	2778	2781	rVB3	22656	34003	0.94%	0.095%
64	19.339	2790	2797	2805	rBV	2231915	2987810	82.36%	8.335%
65	19.880	2887	2889	2896	rVB7	11698	21316	0.59%	0.059%
66	19.962	2901	2903	2904	rBV2	10367	6123	0.17%	0.017%
67	20.292	2957	2959	2962	rVB3	19551	15721	0.43%	0.044%
68	20.874	3053	3058	3063	rBV	268630	356857	9.84%	0.996%
69	21.144	3099	3104	3113	rBV	1825836	2509487	69.18%	7.001%
70	22.662	3359	3362	3366	rVB	123597	152962	4.22%	0.427%
71	23.174	3442	3449	3459	rVB	1966085	3627642	100.00%	10.120%

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72	23.309	3466	3472	3480	rVB	1402365	2574717	70.97%	7.183%
73	23.809	3553	3557	3564	rVB3	146936	253636	6.99%	0.708%
74	25.609	3855	3863	3874	rVB3	831607	2143242	59.08%	5.979%

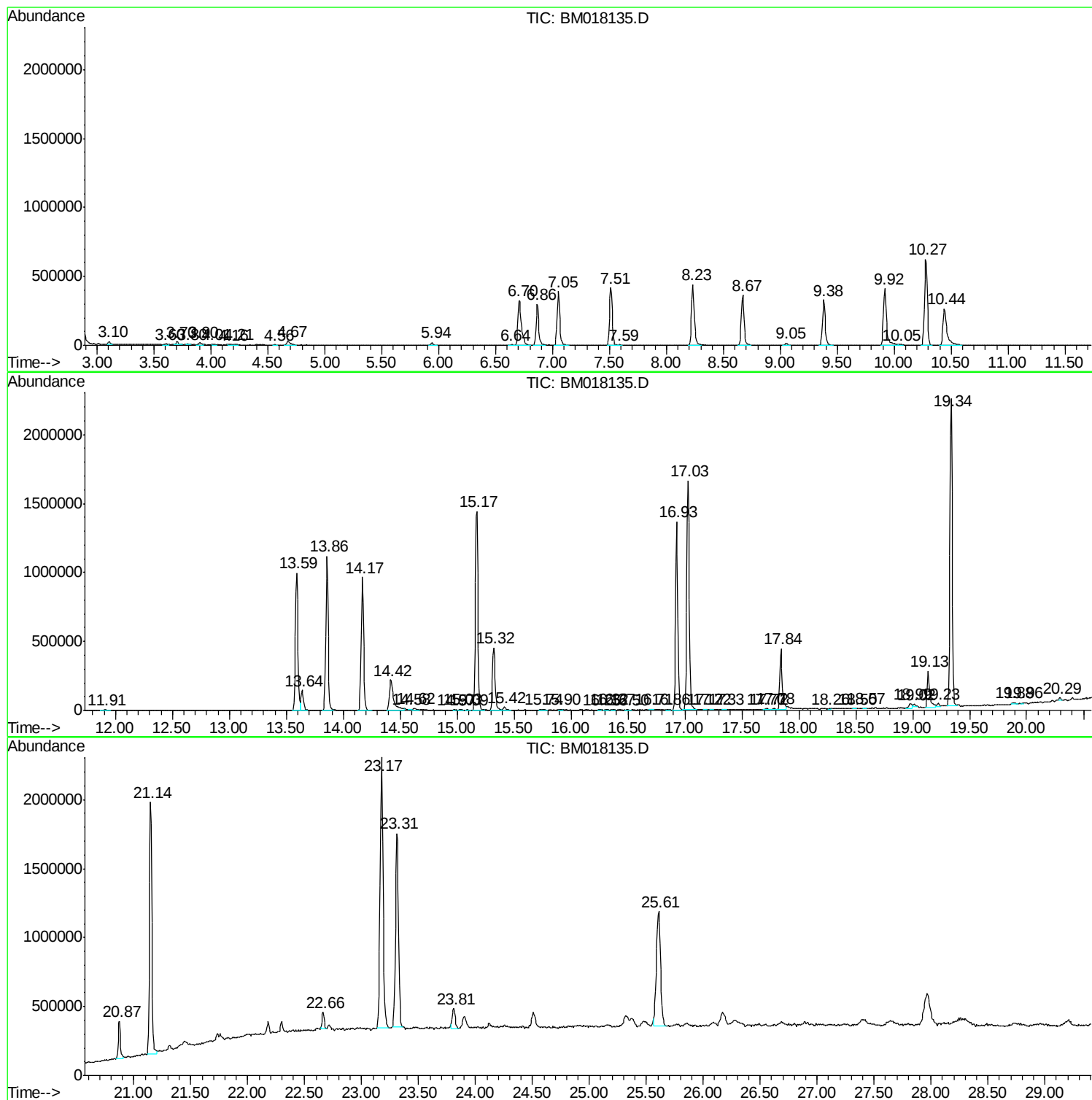
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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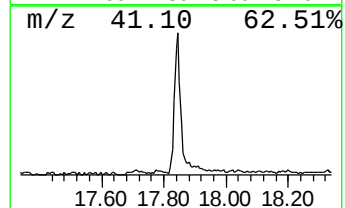
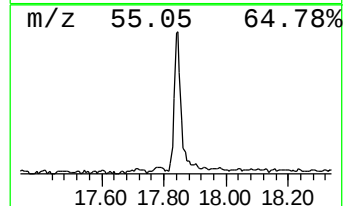
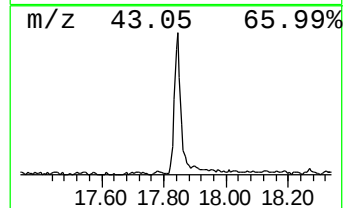
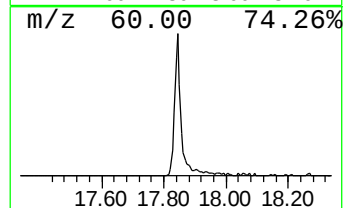
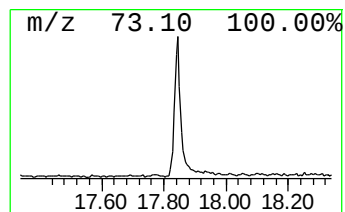
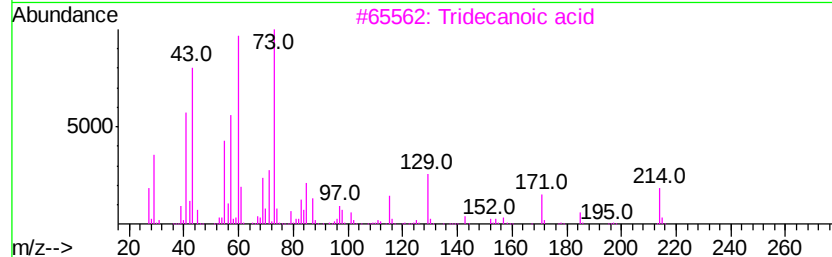
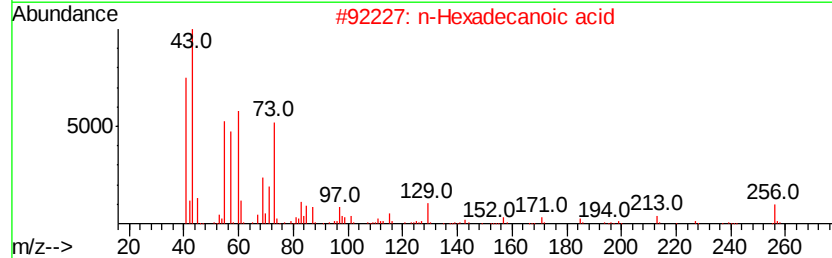
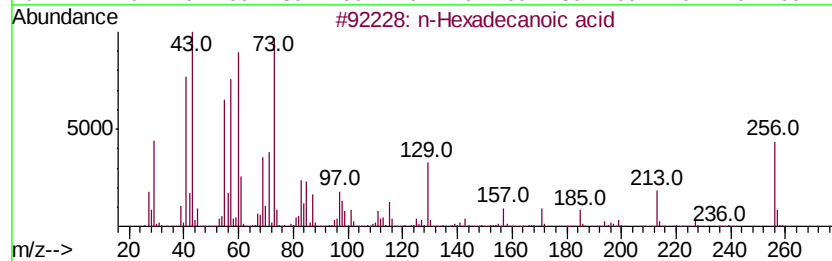
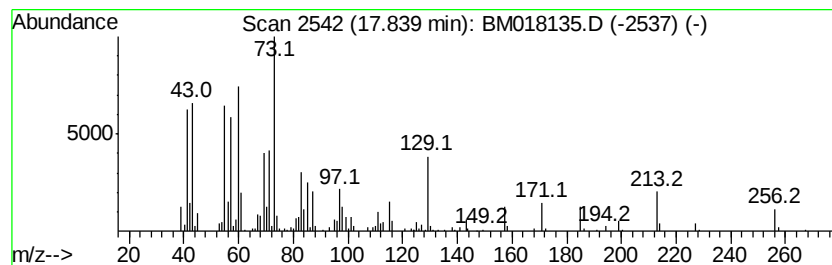
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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.		
17.84	6.69 ng/ul	631248	Phenanthrene-d10	16.93		
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	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74	



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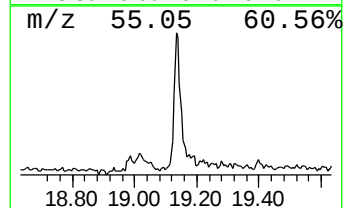
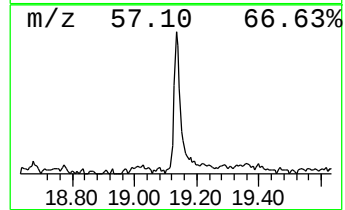
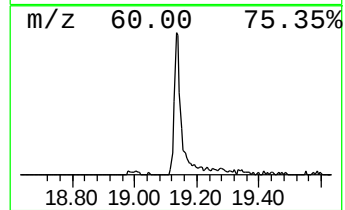
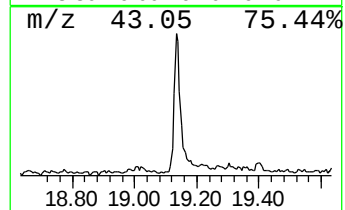
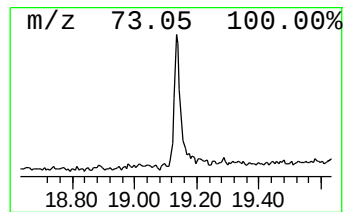
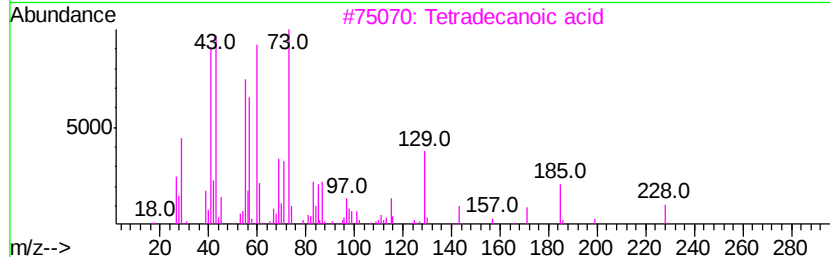
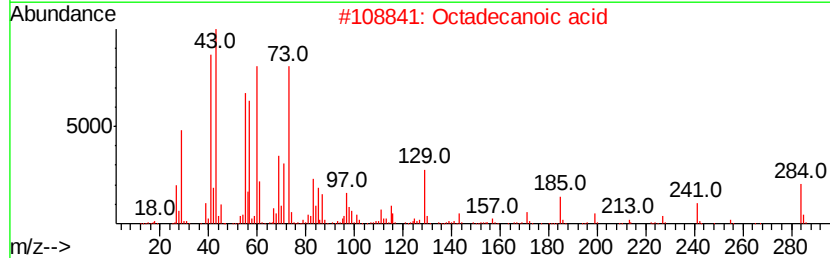
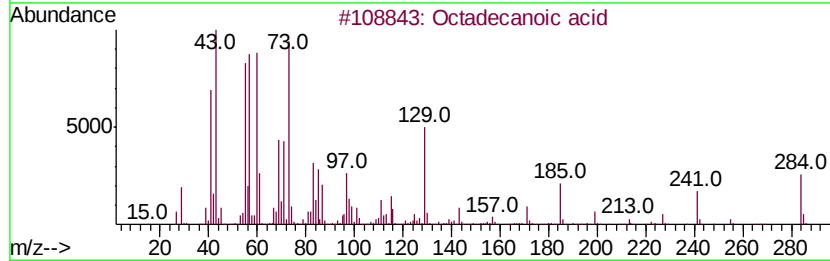
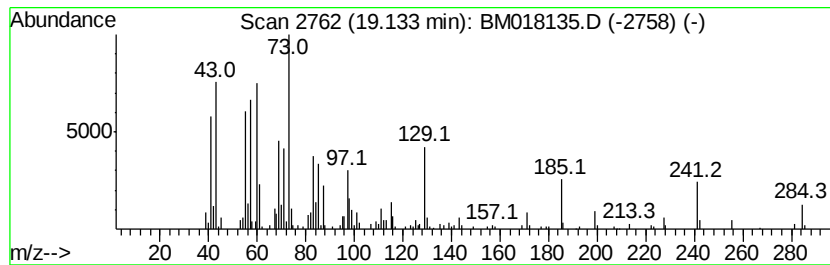
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.13	3.46 ng/ul	433718	Chrysene-d12		21.14		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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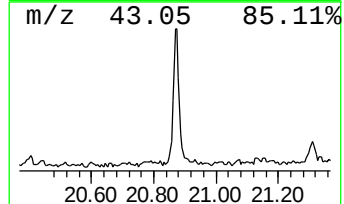
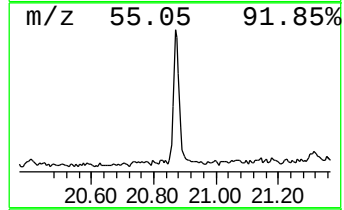
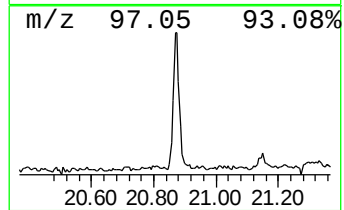
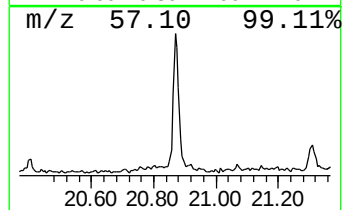
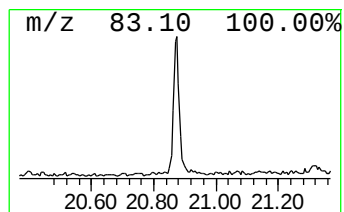
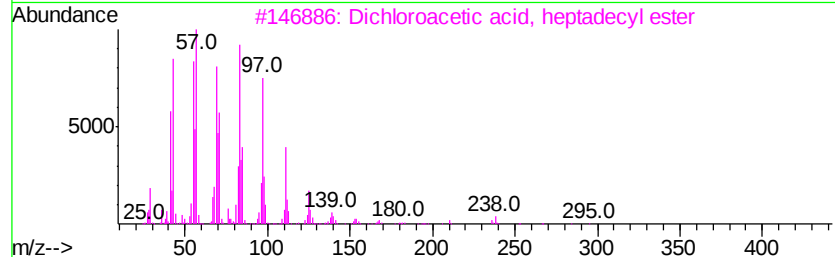
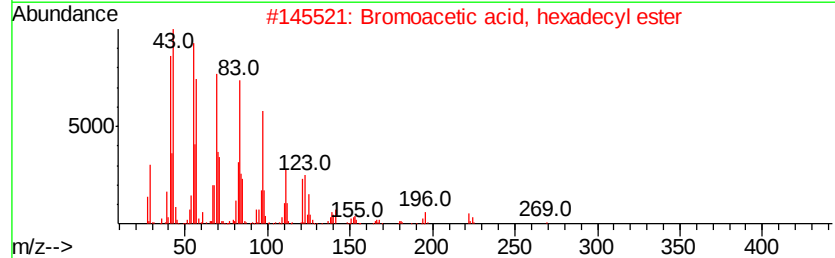
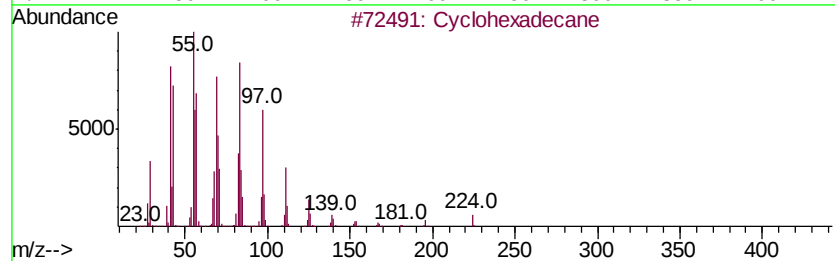
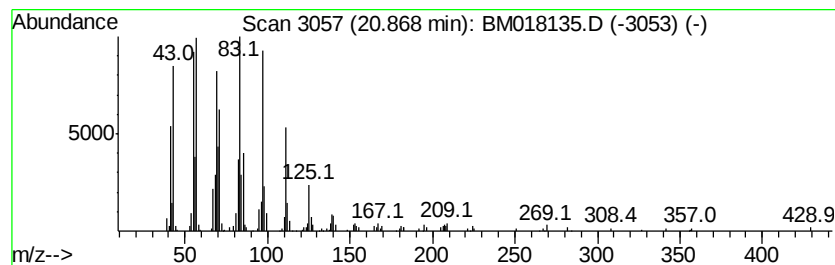
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.84 ng/ul	356857	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8 91
3		Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2 91
4		Trifluoroacetic acid, n-heptadec...	324 C17H31F3O2	1000216-79-2 91
5		2- Chloropropionic acid, pentade...	318 C18H35ClO2	1000292-44-1 91



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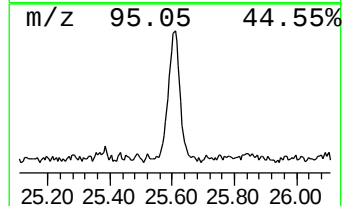
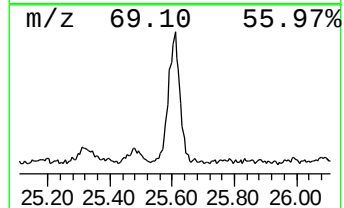
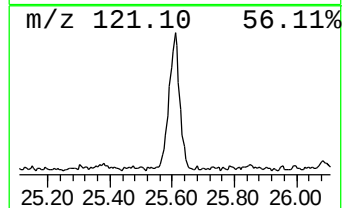
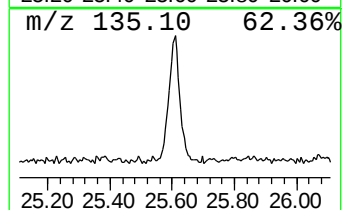
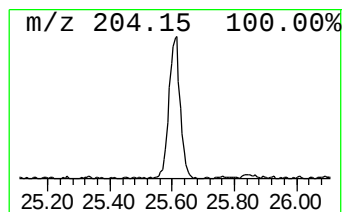
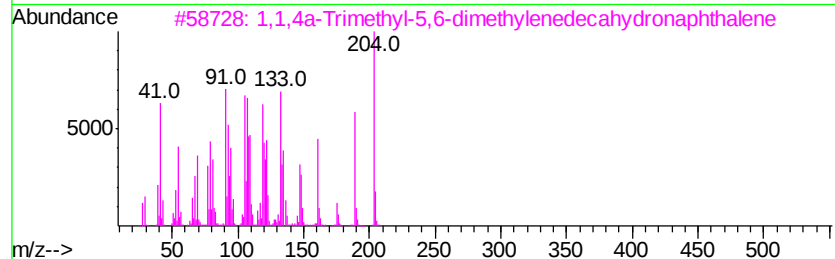
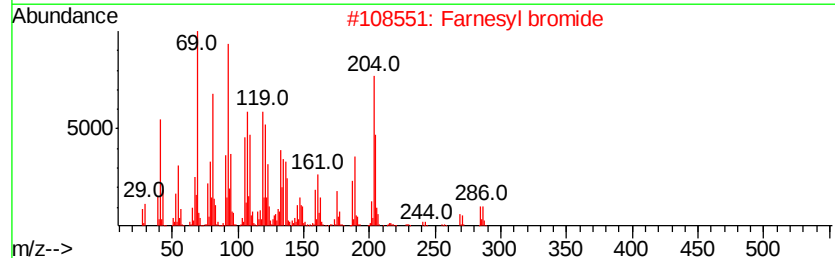
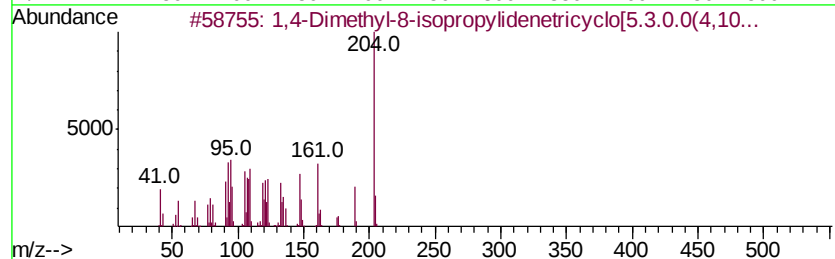
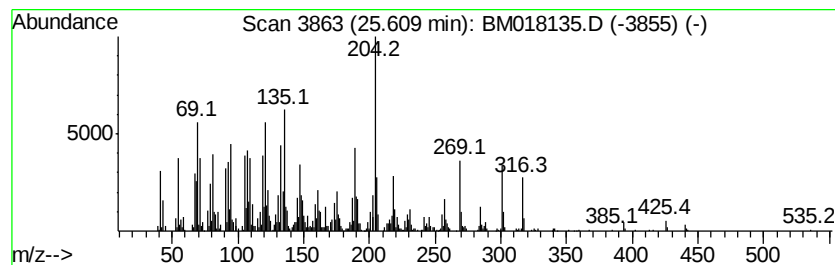
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,4-Dimethyl-8-isopropylide... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.61	16.65 ng/ul	2143240	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	59
2		Farnesyl bromide	284	C15H25Br	006874-67-5	55
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52
4		1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	49
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018135.D
Acq On : 13 Dec 2018 18:53
Operator : JU/SJ
Sample : J6271-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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	17.84	6.7	ng/ul	631248	4	16.93	1886300	20.0
Octadecanoic acid	19.13	3.5	ng/ul	433718	5	21.14	2509490	20.0
(DEL) Alkane: Cyc...	20.87	2.8	ng/ul	356857	5	21.14	2509490	20.0
1,4-Dimethyl-8-is...	25.61	16.6	ng/ul	2143240	6	23.31	2574720	20.0