

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018103.D
 Acq On : 12 Dec 2018 21:28
 Operator : JU/SJ
 Sample : J6227-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E61

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	3.152	24	28	37	rVB2	14323	22706	0.61%	0.069%
2	3.422	71	74	81	rVB	11005	17135	0.46%	0.052%
3	3.946	160	163	164	rBV2	3846	4260	0.11%	0.013%
4	4.710	287	293	297	rBV4	6007	11928	0.32%	0.036%
5	5.975	504	508	511	rBV3	3180	5318	0.14%	0.016%
6	6.739	631	638	654	rBV2	292840	680476	18.29%	2.075%
7	6.898	659	665	676	rVV	263171	429768	11.55%	1.311%
8	7.081	690	696	709	rVV	356169	596005	16.02%	1.818%
9	7.204	712	717	721	rVV4	2977	5542	0.15%	0.017%
10	7.245	721	724	729	rVB5	3135	4447	0.12%	0.014%
11	7.545	768	775	782	rBV	331179	563566	15.15%	1.719%
12	7.616	785	787	792	rVB3	4740	4735	0.13%	0.014%
13	8.257	889	896	909	rBV	400722	705137	18.95%	2.151%
14	8.698	964	971	984	rBV	359720	610000	16.40%	1.861%
15	9.081	1031	1036	1041	rBV2	7353	12489	0.34%	0.038%
16	9.410	1085	1092	1104	rBV	269196	497462	13.37%	1.517%
17	9.945	1177	1183	1206	rBV	384786	805992	21.67%	2.458%
18	10.310	1238	1245	1256	rBV	513441	866644	23.30%	2.643%
19	10.469	1265	1272	1293	rBV	275762	695961	18.71%	2.123%
20	10.598	1293	1294	1298	rVB3	3811	4393	0.12%	0.013%
21	11.945	1515	1523	1533	rVB5	4425	12624	0.34%	0.039%
22	13.616	1801	1807	1812	rBV	969900	1417744	38.11%	4.324%
23	13.663	1812	1815	1829	rVB	317176	498888	13.41%	1.522%
24	13.880	1846	1852	1867	rBV	1090454	1680426	45.17%	5.125%
25	14.192	1899	1905	1922	rVB2	812481	1273790	34.24%	3.885%
26	14.451	1943	1949	1969	rBV	152652	495362	13.32%	1.511%
27	14.663	1983	1985	1990	rVB5	3257	3943	0.11%	0.012%
28	15.051	2046	2051	2052	rBV2	3887	6343	0.17%	0.019%
29	15.198	2069	2076	2089	rBV	1398676	2125447	57.13%	6.483%
30	15.345	2095	2101	2114	rBV	402343	641073	17.23%	1.955%
31	15.439	2114	2117	2128	rVB2	18828	30503	0.82%	0.093%
32	15.927	2197	2200	2203	rBV4	3402	4363	0.12%	0.013%
33	16.386	2275	2278	2283	rBV3	4118	6984	0.19%	0.021%
34	16.739	2333	2338	2344	rBV6	5205	9157	0.25%	0.028%

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35	16.951	2368	2374	2382	rBV2	1140666	1621394	43.58%	4.945%
36	17.051	2385	2391	2404	rVV	1602736	2340484	62.91%	7.138%
37	17.180	2412	2413	2419	rBV4	2795	3954	0.11%	0.012%
38	17.809	2516	2520	2524	rBV4	4946	9152	0.25%	0.028%
39	17.862	2524	2529	2540	rVV	329705	497164	13.36%	1.516%
40	17.933	2540	2541	2546	rVB3	14388	17340	0.47%	0.053%
41	18.209	2585	2588	2590	rBV3	3423	4385	0.12%	0.013%
42	18.421	2620	2624	2625	rVB4	3481	4010	0.11%	0.012%
43	18.745	2674	2679	2680	rBV4	4268	5892	0.16%	0.018%
44	19.003	2718	2723	2726	rBV2	18594	33649	0.90%	0.103%
45	19.039	2726	2729	2735	rVB7	24249	35568	0.96%	0.108%
46	19.156	2744	2749	2761	rBV	173686	295637	7.95%	0.902%
47	19.250	2761	2765	2768	rVV	19733	26786	0.72%	0.082%
48	19.303	2770	2774	2778	rBV	112175	132351	3.56%	0.404%
49	19.362	2778	2784	2793	rVV	2093333	2894468	77.81%	8.828%
50	19.486	2803	2805	2806	rVB2	5673	3727	0.10%	0.011%
51	19.615	2822	2827	2832	rBV	16988	35553	0.96%	0.108%
52	19.745	2847	2849	2851	rBV3	4801	3906	0.10%	0.012%
53	20.362	2950	2954	2958	rVB	96531	103100	2.77%	0.314%
54	20.892	3040	3044	3050	rBV	270799	364572	9.80%	1.112%
55	21.168	3086	3091	3102	rBV	1622553	2288346	61.51%	6.979%
56	21.756	3188	3191	3193	rBV4	62288	74195	1.99%	0.226%
57	22.203	3264	3267	3273	rVB2	119726	133566	3.59%	0.407%
58	22.691	3346	3350	3354	rVB	152394	193926	5.21%	0.591%
59	23.209	3431	3438	3447	rBV	2002371	3720144	100.00%	11.346%
60	23.344	3455	3461	3474	rVB2	1266240	2401804	64.56%	7.326%
61	23.838	3541	3545	3553	rVB	180084	348364	9.36%	1.063%
62	25.656	3850	3854	3863	rVB8	189775	442733	11.90%	1.350%

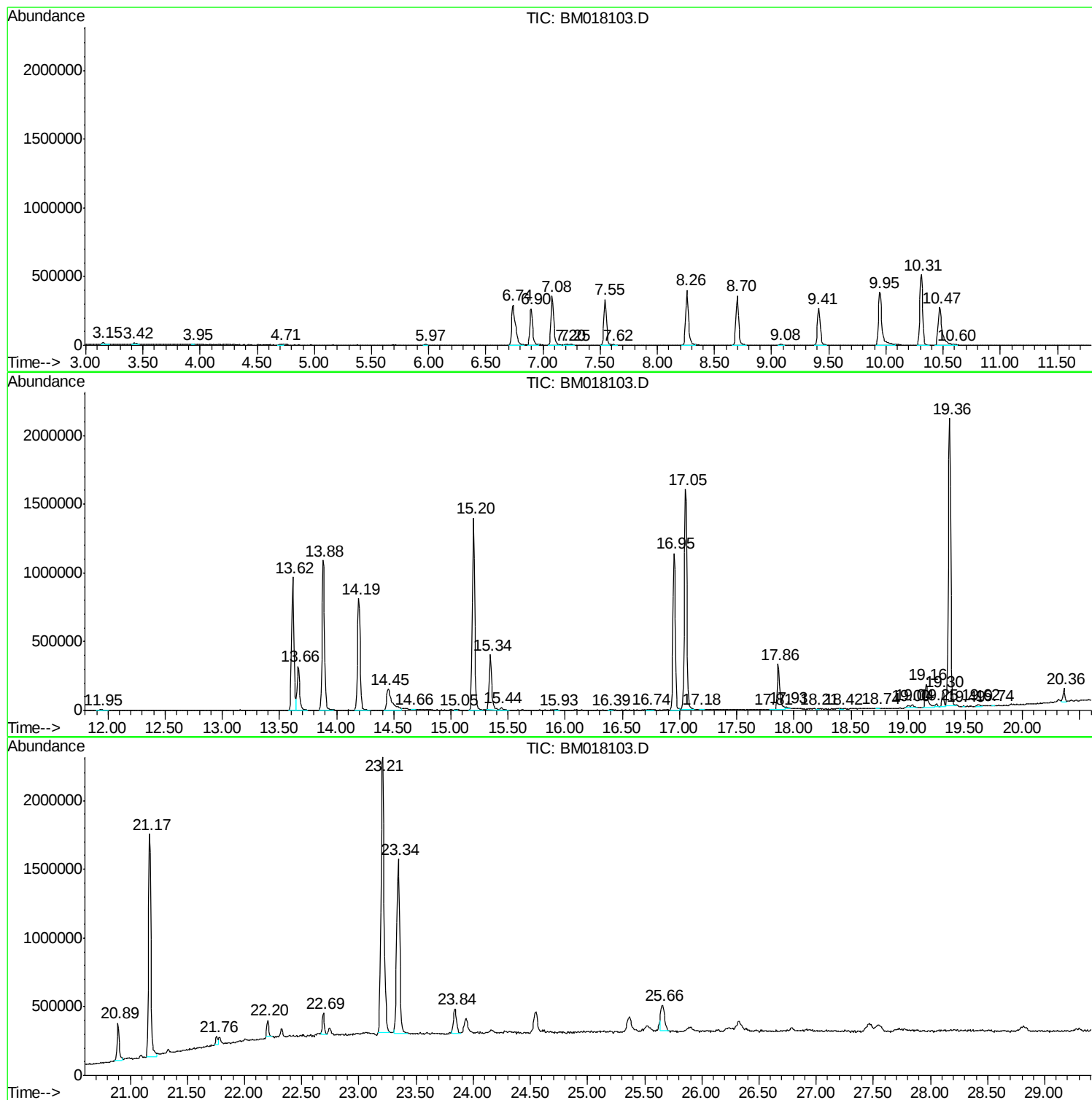
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Quant Title : SVOA CALIBRATION

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



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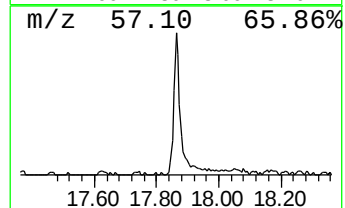
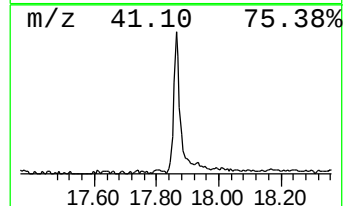
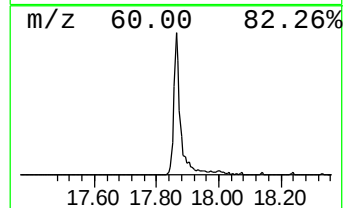
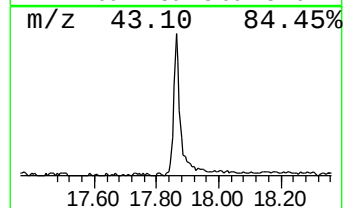
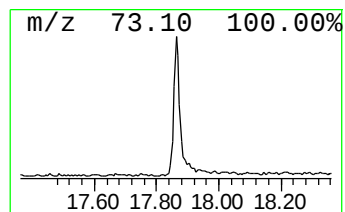
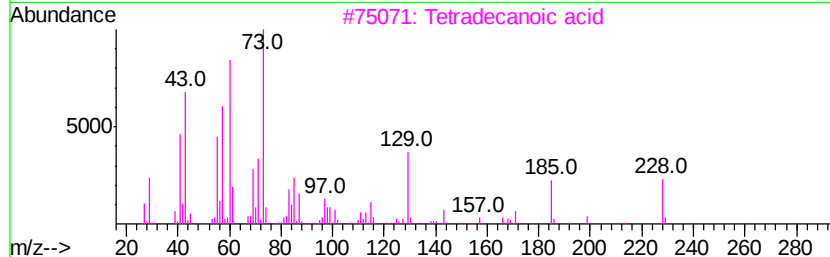
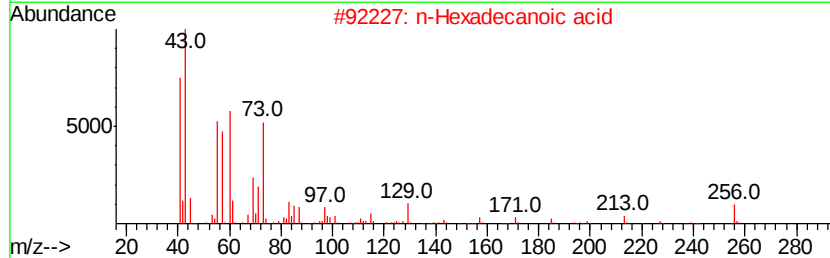
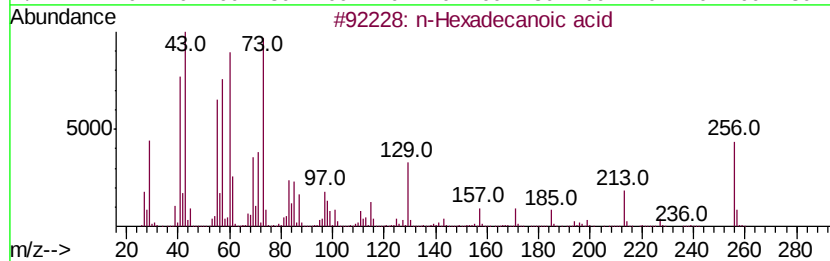
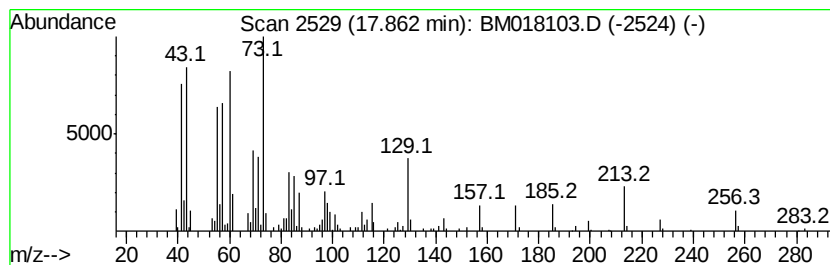
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	6.13 ng/ul	497164	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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Dodecanoic acid	200	C12H24O2	000143-07-7	80



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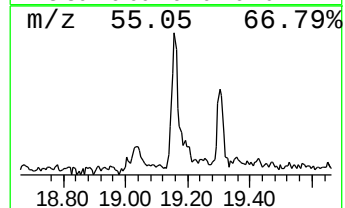
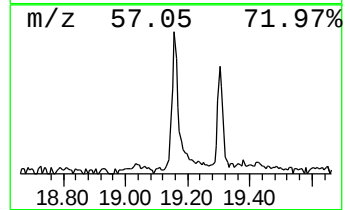
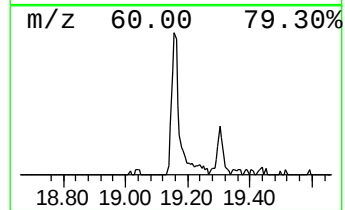
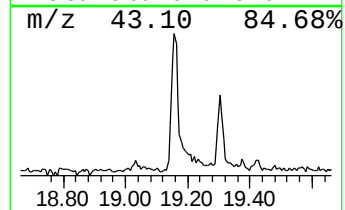
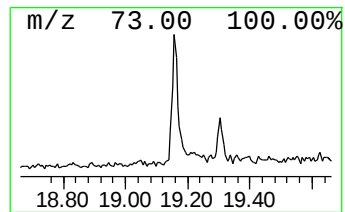
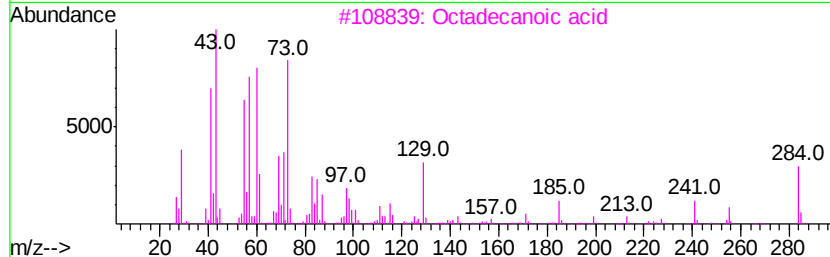
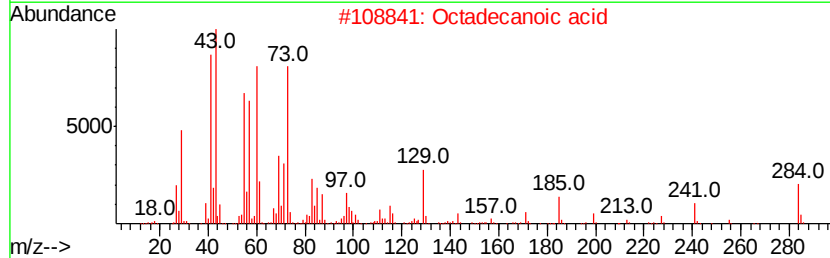
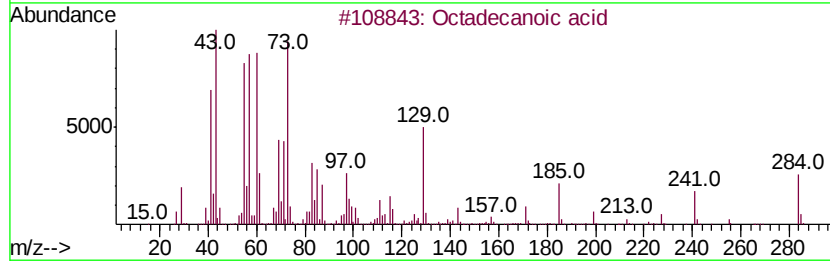
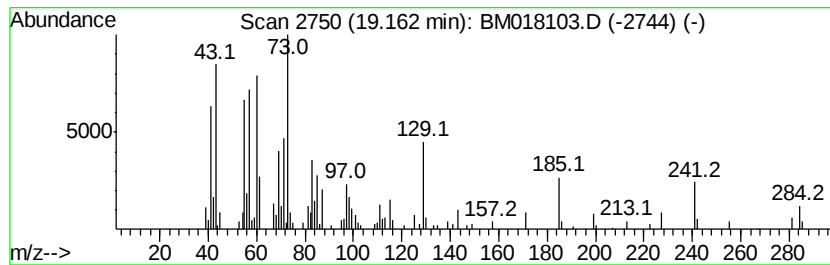
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.58 ng/ul	295637	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	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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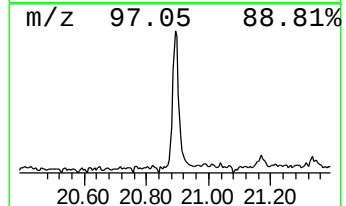
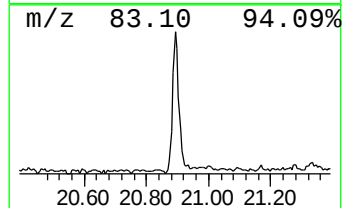
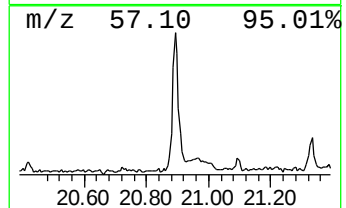
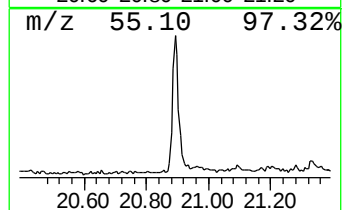
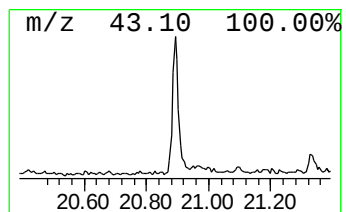
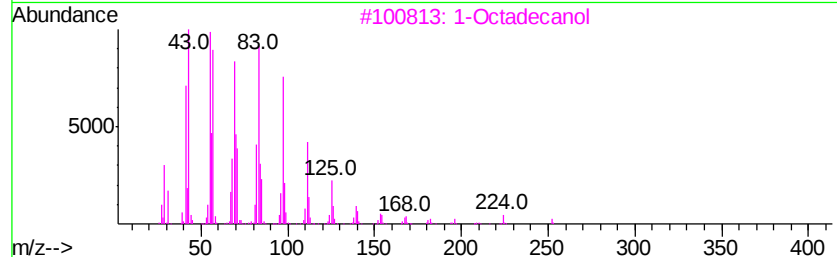
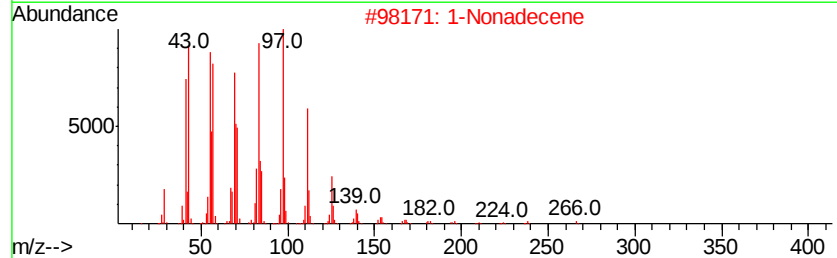
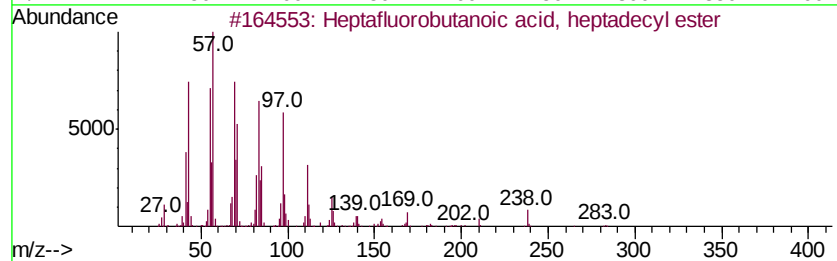
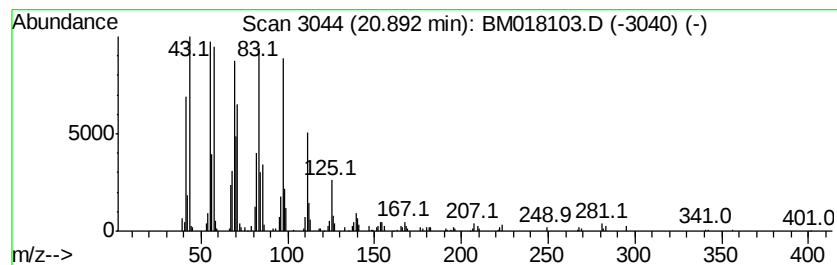
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Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.19 ng/ul	364572	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			1-Octadecanol	270	C18H38O	000112-92-5	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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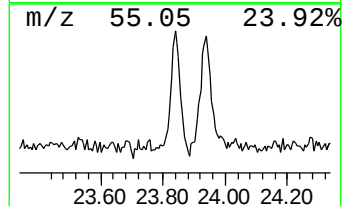
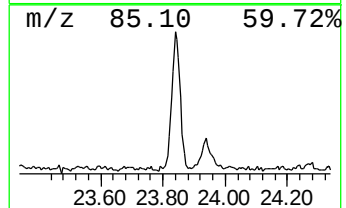
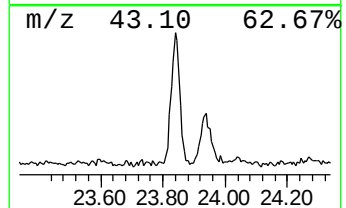
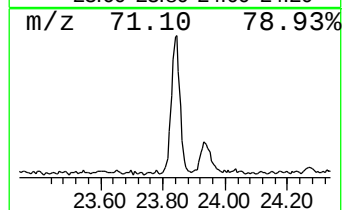
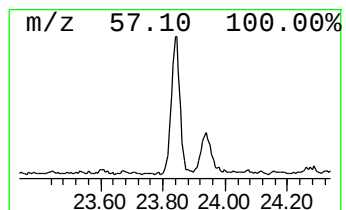
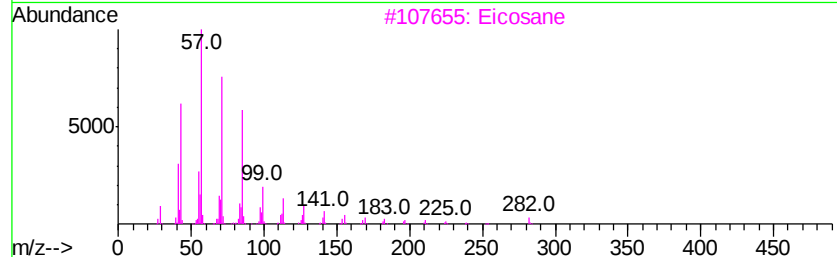
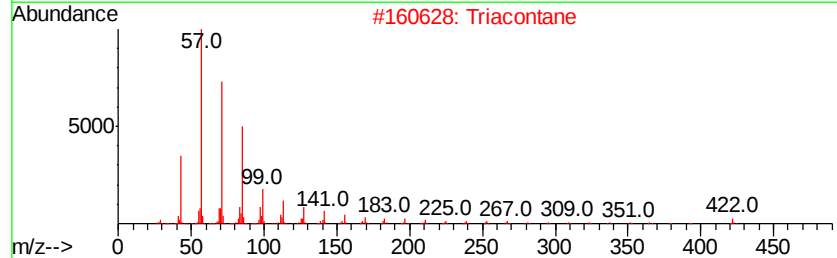
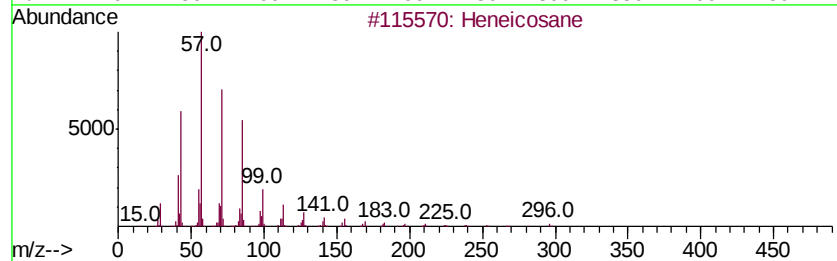
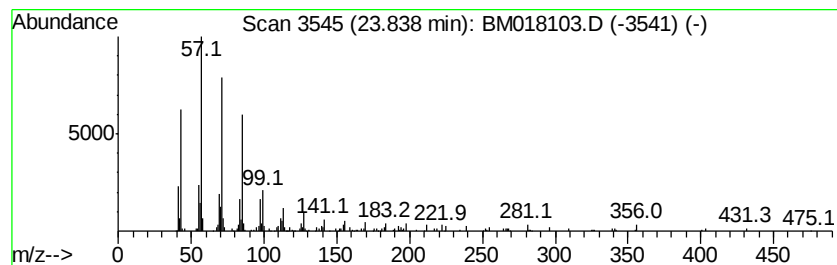
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	2.90 ng/ul	348364	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Triacontane	422	C30H62	000638-68-6	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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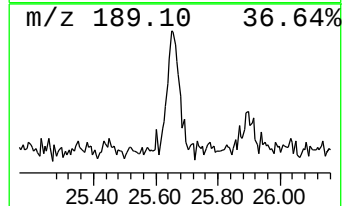
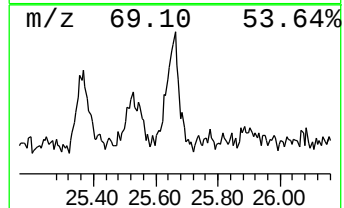
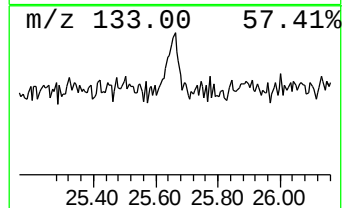
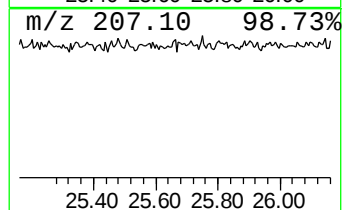
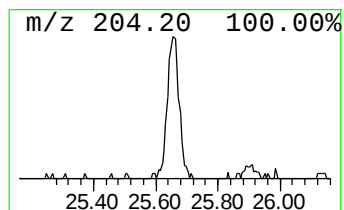
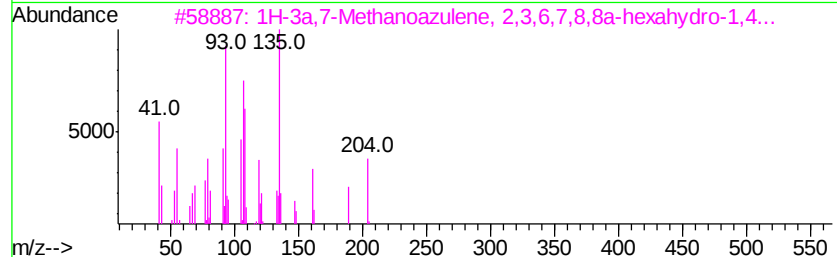
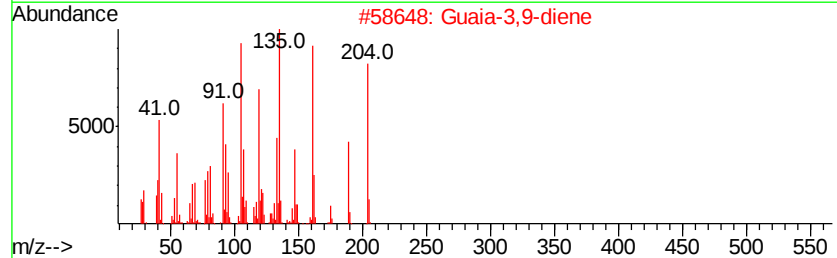
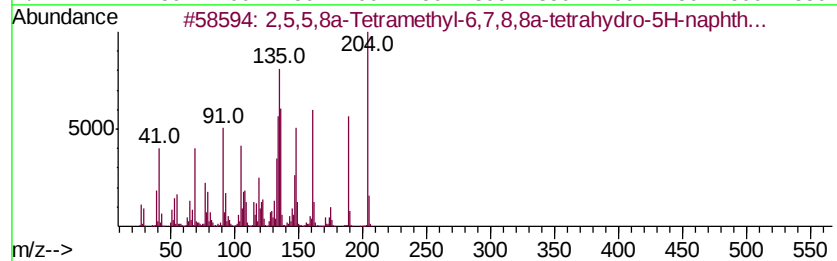
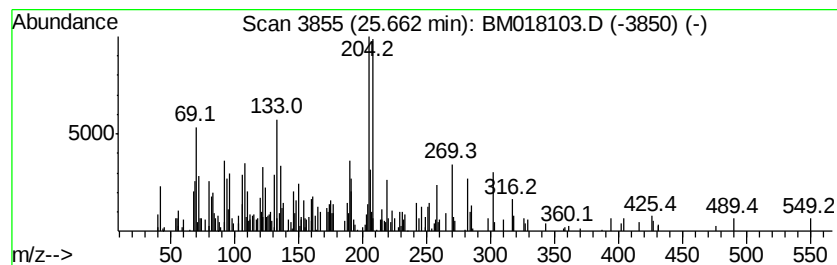
Instrument :
BNA_M
ClientSampled :
F9E61

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 2,5,5,8a-Tetramethyl-6,7,8,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.66	3.69 ng/ul	442733	Perylene-d12	23.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	55
2	Guaia-3,9-diene	204	C15H24	000489-83-8	45
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	38
4	1H-Cycloprop[elazulene, 1a,2,3,4...	204	C15H24	000489-40-7	38
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018103.D
Acq On : 12 Dec 2018 21:28
Operator : JU/SJ
Sample : J6227-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E61

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	17.86	6.1	ng/ul	497164	4	16.95	1621390	20.0
Octadecanoic acid	19.16	2.6	ng/ul	295637	5	21.17	2288350	20.0
Heptafluorobutano...	20.89	3.2	ng/ul	364572	5	21.17	2288350	20.0
(DEL) Alkane: Str...	23.84	2.9	ng/ul	348364	6	23.34	2401800	20.0
2,5,5,8a-Tetramet...	25.66	3.7	ng/ul	442733	6	23.34	2401800	20.0