

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080318\
 Data File : BN002218.D
 Acq On : 03 Aug 2018 12:12
 Operator : JU/SJ
 Sample : J4206-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JJ1J5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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_N\METHODS\SOM-EPA-BN071318MA.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	3.252	42	45	57	rVB	59645	93652	1.39%	0.119%
2	3.869	146	150	160	rVB2	58715	99194	1.47%	0.126%
3	6.869	652	660	677	rBV	1178749	2019201	30.01%	2.559%
4	7.028	681	687	698	rBV	995644	1531028	22.76%	1.940%
5	7.222	714	720	733	rBV	1175914	1932402	28.72%	2.449%
6	7.687	792	799	806	rBV	1244657	1994874	29.65%	2.528%
7	8.393	912	919	936	rBV	1535811	2536455	37.70%	3.214%
8	8.834	987	994	1004	rBV	1229106	2079394	30.91%	2.635%
9	9.551	1109	1116	1131	rBV	995366	1656293	24.62%	2.099%
10	10.087	1200	1207	1221	rBV	1517955	2592478	38.53%	3.285%
11	10.457	1263	1270	1280	rBV	1862040	3176298	47.21%	4.025%
12	10.598	1285	1294	1316	rBV	1460740	2523180	37.50%	3.197%
13	13.733	1820	1827	1832	rBV	2737429	3917980	58.23%	4.965%
14	13.775	1832	1834	1844	rVB	232856	307196	4.57%	0.389%
15	14.010	1866	1874	1884	rBV	3409785	4873010	72.43%	6.175%
16	14.322	1919	1927	1934	rBV2	2711281	4228761	62.85%	5.359%
17	14.528	1957	1962	1983	rBV	874299	1691182	25.14%	2.143%
18	14.745	1994	1999	2005	rBV	59244	88000	1.31%	0.112%
19	15.316	2089	2096	2104	rBV	4070874	5814695	86.42%	7.369%
20	15.439	2111	2117	2128	rBV	1091146	1577044	23.44%	1.998%
21	17.069	2387	2394	2400	rBV	3273951	4662441	69.30%	5.908%
22	17.163	2400	2410	2419	rVB2	4166315	6166353	91.65%	7.814%
23	17.974	2543	2548	2556	rBV	362726	560265	8.33%	0.710%
24	18.910	2703	2707	2714	rBV2	51685	88029	1.31%	0.112%
25	19.157	2746	2749	2754	rVB	78178	88975	1.32%	0.113%
26	19.257	2763	2766	2774	rBV	122362	214769	3.19%	0.272%
27	19.351	2779	2782	2786	rVB2	55882	78194	1.16%	0.099%
28	19.463	2795	2801	2809	rBV	4646789	6728082	100.00%	8.526%
29	19.527	2809	2812	2818	rVB2	56672	76509	1.14%	0.097%
30	20.027	2893	2897	2900	rVB	134426	140278	2.08%	0.178%
31	20.521	2978	2981	2985	rBV	181332	203768	3.03%	0.258%
32	20.992	3057	3061	3064	rBV	230657	266080	3.95%	0.337%
33	21.262	3102	3107	3112	rBV	3144846	3874203	57.58%	4.910%
34	21.427	3131	3135	3140	rBV	282286	299479	4.45%	0.380%

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35	21.668	3172	3176	3179	rBV	104989	123851	1.84%	0.157%
36	21.862	3205	3209	3214	rVB	248559	289128	4.30%	0.366%
37	22.321	3283	3287	3293	rVB	262448	338395	5.03%	0.429%
38	22.821	3368	3372	3379	rVB	254173	373544	5.55%	0.473%
39	23.351	3454	3462	3475	rBV2	2489600	5264750	78.25%	6.672%
40	23.486	3478	3485	3498	rVB2	1710719	3305959	49.14%	4.189%
41	24.021	3571	3576	3584	rVB	215927	407715	6.06%	0.517%
42	24.756	3695	3701	3707	rBV2	174599	358638	5.33%	0.454%
43	25.615	3842	3847	3857	rVB2	104937	270501	4.02%	0.343%

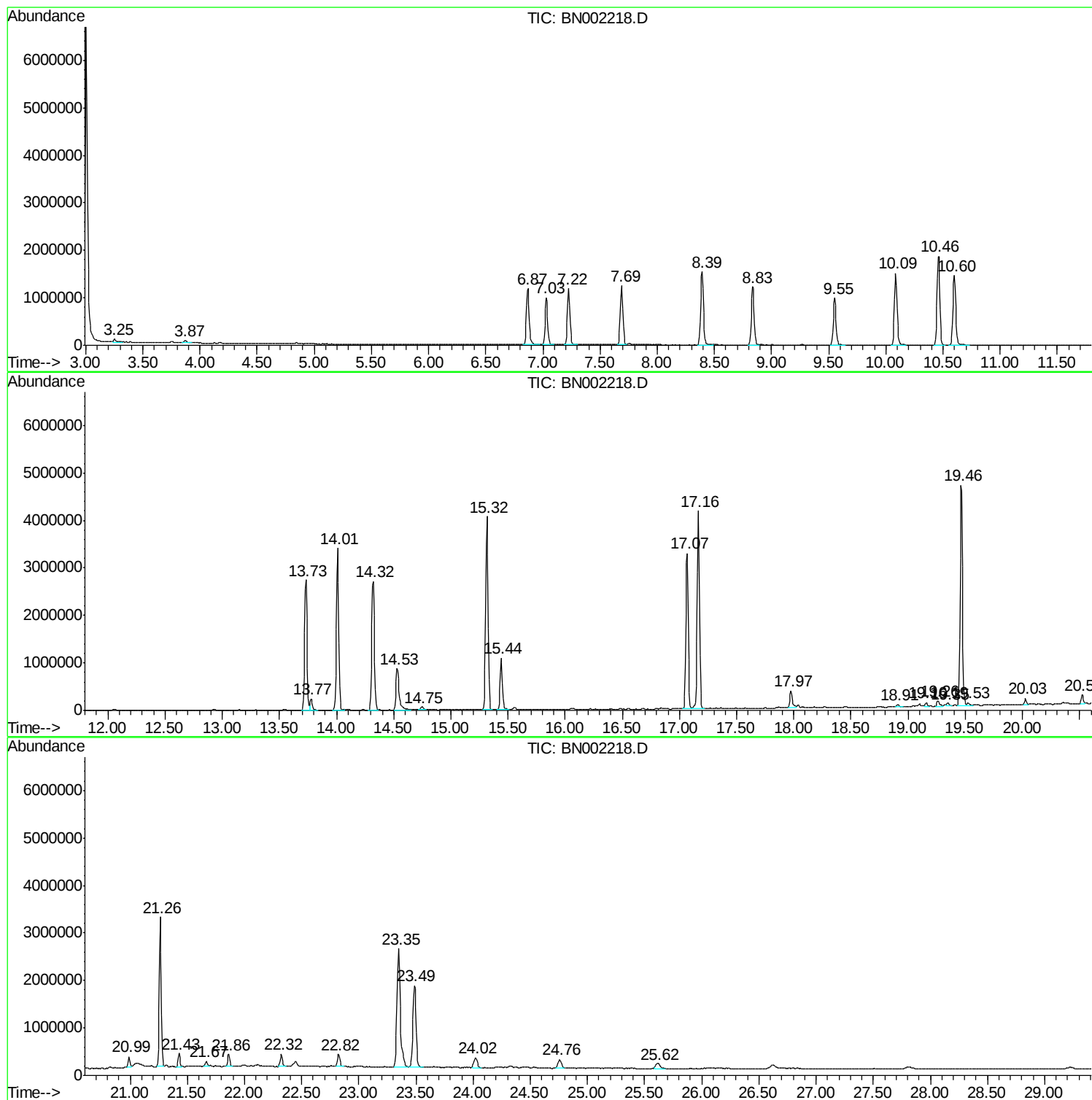
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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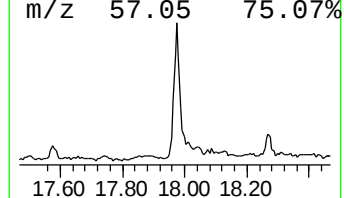
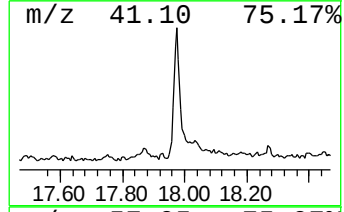
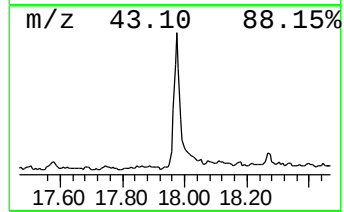
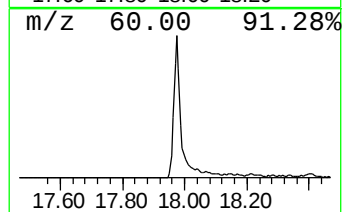
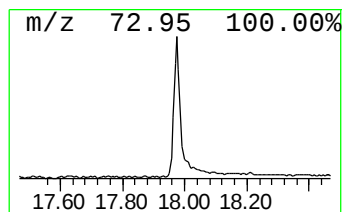
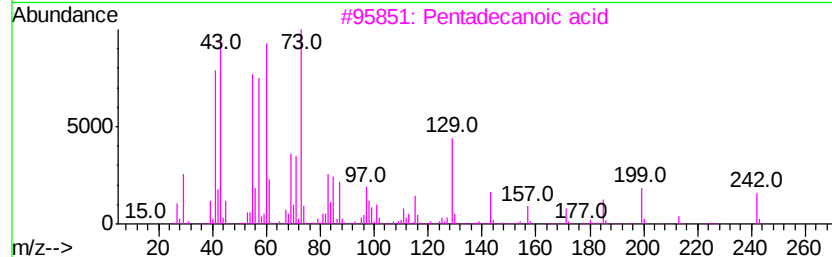
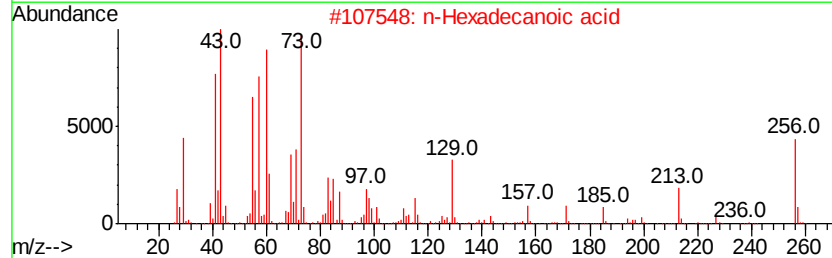
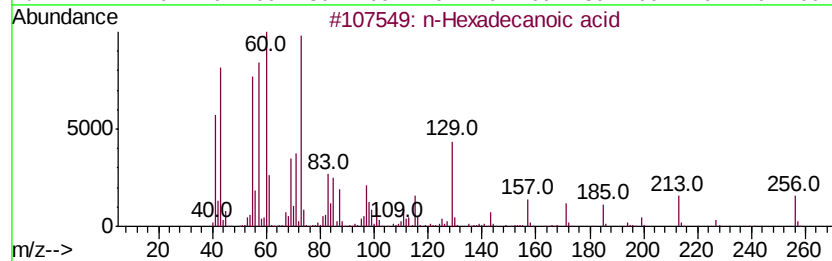
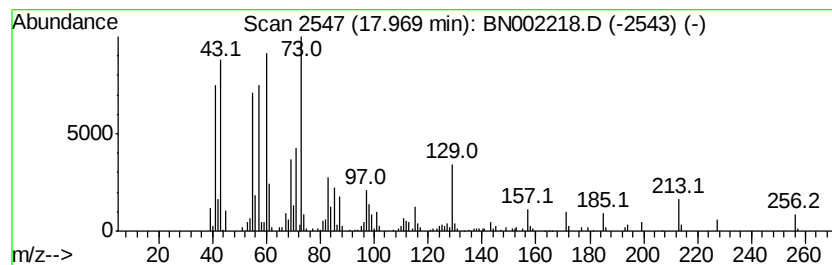
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.40 ng/ul	560265	Phenanthrene-d10	17.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91



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Instrument :
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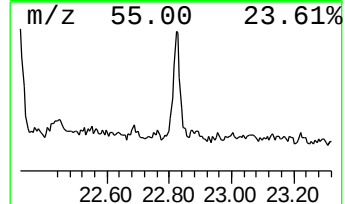
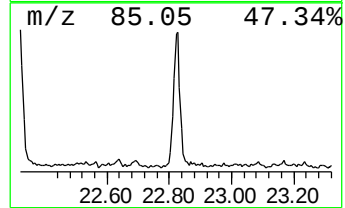
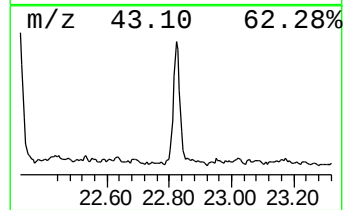
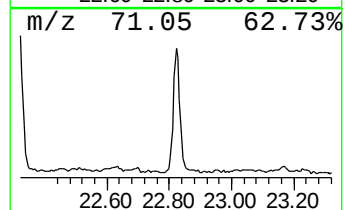
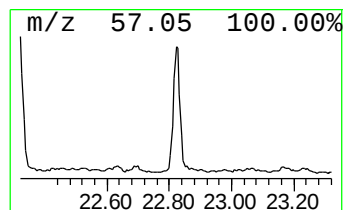
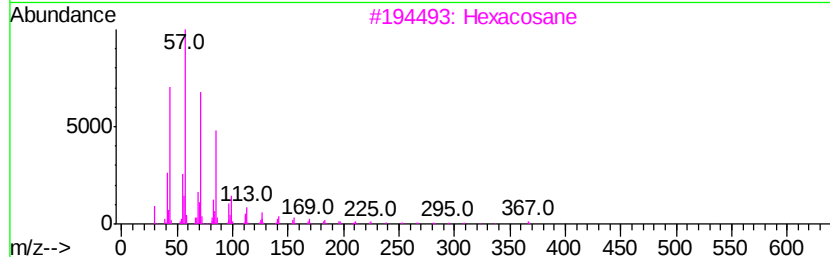
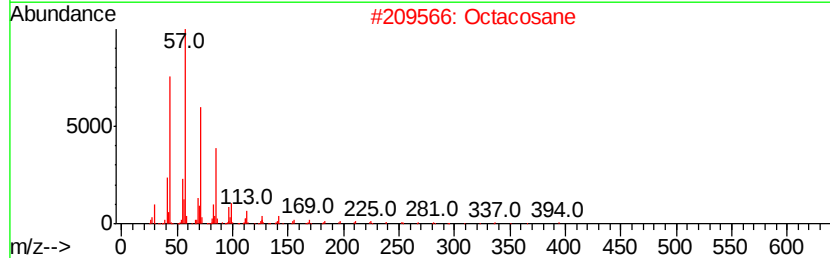
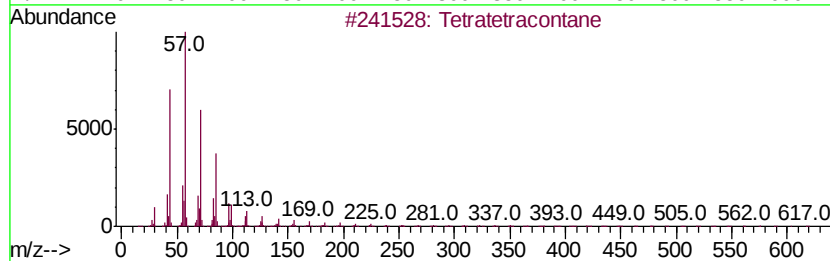
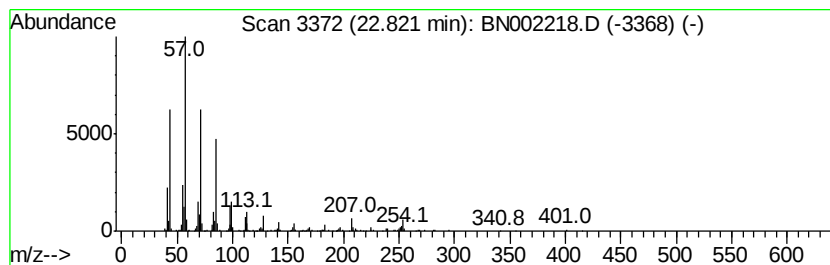
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.26 ng/ul	373544	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octacosane	394	C28H58	000630-02-4	90



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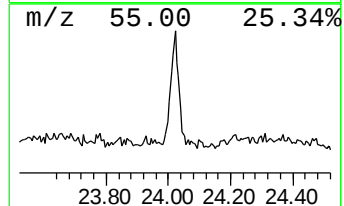
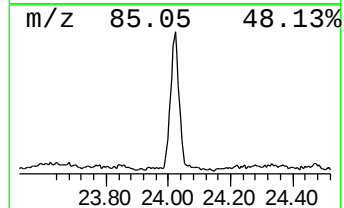
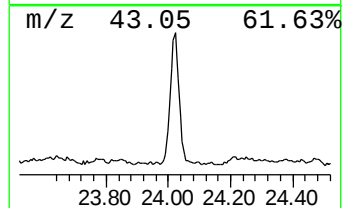
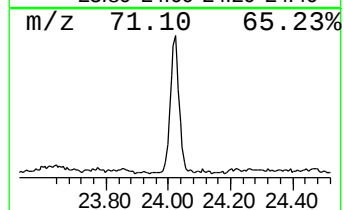
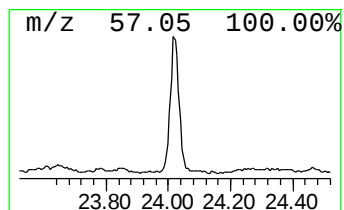
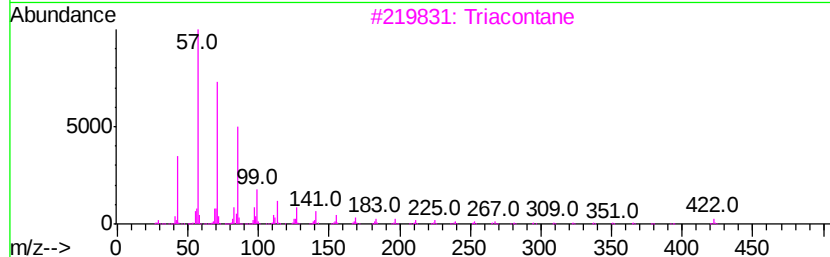
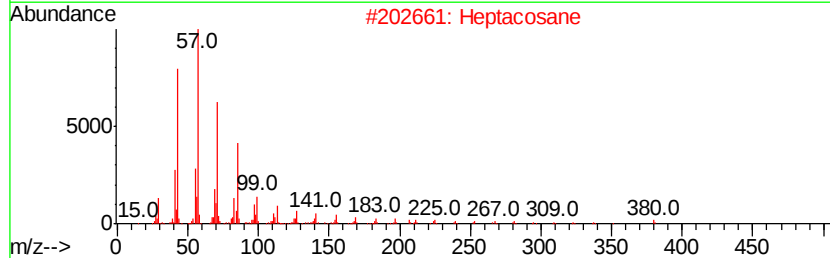
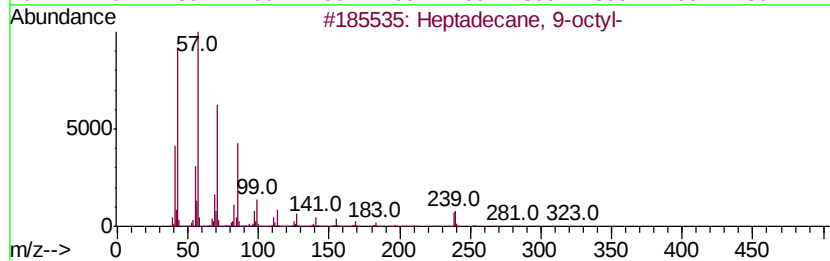
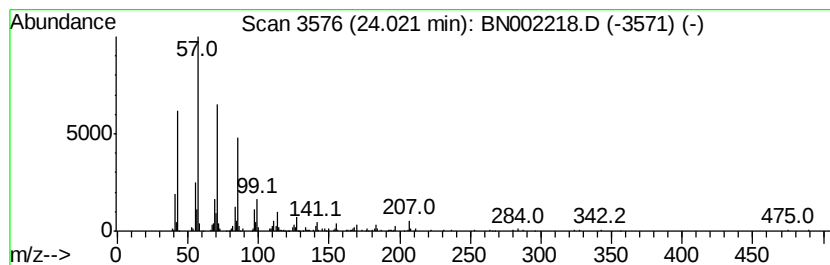
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.47 ng/ul	407715	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		triacontane	422	C30H62	000638-68-6	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



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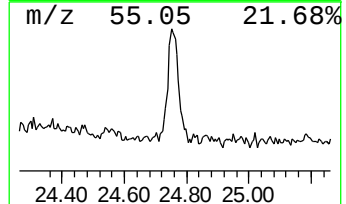
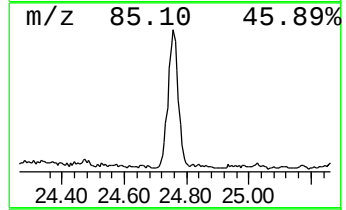
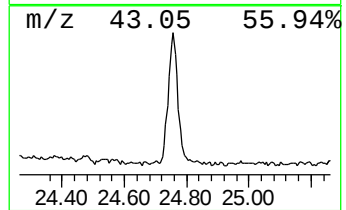
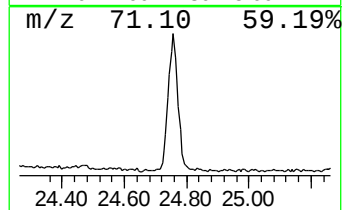
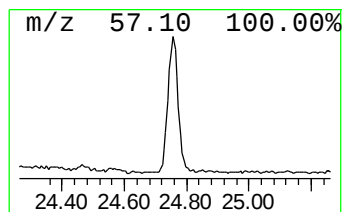
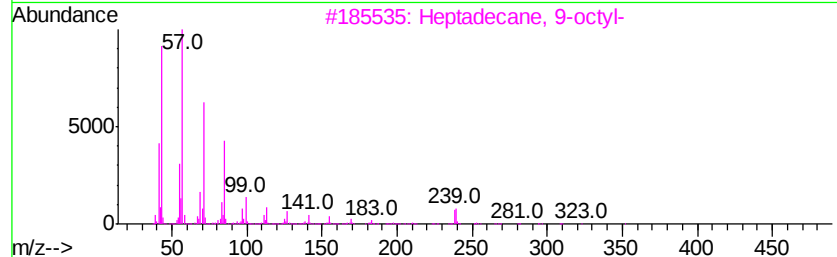
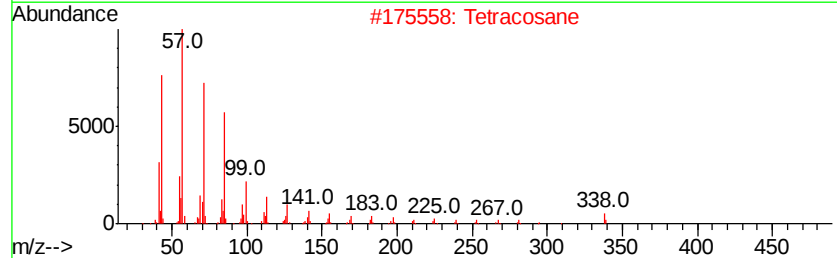
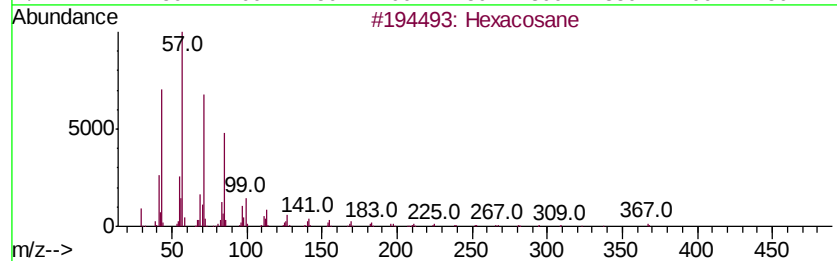
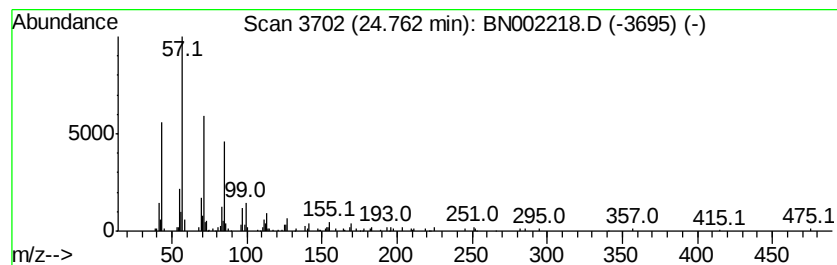
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.17 ng/ul	358638	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	2.4	ng/ul	560265	4	17.07	4662440	20.0
(DEL) Alkane: Str...	22.82	2.3	ng/ul	373544	6	23.49	3305960	20.0
(DEL) Alkane: Str...	24.02	2.5	ng/ul	407715	6	23.49	3305960	20.0
(DEL) Alkane: Str...	24.76	2.2	ng/ul	358638	6	23.49	3305960	20.0