

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002085.D
 Acq On : 19 Jul 2018 23:02
 Operator : JU/SJ
 Sample : J4023-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1L4

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	6.881	655	662	678	rBV	1155997	1995281	20.07%	2.020%
2	7.040	683	689	699	rBV	983539	1489175	14.98%	1.508%
3	7.240	716	723	732	rBV	1170533	1893403	19.04%	1.917%
4	7.698	794	801	809	rBV	953818	1536782	15.46%	1.556%
5	8.404	914	921	932	rBV	1603699	2612757	26.28%	2.645%
6	8.851	988	997	1005	rBV	1309173	2179717	21.92%	2.207%
7	9.563	1109	1118	1128	rBV	1144746	1899837	19.11%	1.923%
8	10.098	1201	1209	1231	rBV	1696193	2913883	29.31%	2.950%
9	10.475	1263	1273	1281	rBV	1493128	2436544	24.51%	2.467%
10	10.610	1288	1296	1313	rBV	1753519	3054159	30.72%	3.092%
11	13.745	1822	1829	1833	rBV	3716215	5355034	53.86%	5.422%
12	13.792	1833	1837	1846	rVB	1721316	2251831	22.65%	2.280%
13	14.027	1869	1877	1887	rBV	3995337	6202889	62.39%	6.280%
14	14.333	1922	1929	1938	rBV2	2254329	3434303	34.54%	3.477%
15	14.545	1959	1965	1983	rBV	1550593	2472365	24.87%	2.503%
16	15.327	2092	2098	2107	rVB	5250479	7865447	79.11%	7.963%
17	15.457	2113	2120	2133	rBV	1801107	2645265	26.61%	2.678%
18	17.080	2389	2396	2403	rBV2	3006722	4141716	41.66%	4.193%
19	17.180	2406	2413	2425	rVV2	6132549	8645261	86.95%	8.753%
20	17.986	2545	2550	2559	rBV	250587	380563	3.83%	0.385%
21	19.480	2798	2804	2811	rBV	7306838	9942473	100.00%	10.066%
22	20.539	2979	2984	2988	rBV2	149600	177245	1.78%	0.179%
23	21.009	3060	3064	3067	rBV	181672	213480	2.15%	0.216%
24	21.057	3067	3072	3087	rVB5	112500	396694	3.99%	0.402%
25	21.280	3104	3110	3116	rBV	3648662	4801997	48.30%	4.862%
26	21.445	3134	3138	3143	rBV	287126	317654	3.19%	0.322%
27	21.880	3208	3212	3216	rBV	327432	373520	3.76%	0.378%
28	22.339	3286	3290	3300	rVB	364689	522529	5.26%	0.529%
29	22.468	3308	3312	3319	rVB	428590	542333	5.45%	0.549%
30	22.851	3372	3377	3382	rBV	392972	561517	5.65%	0.568%
31	23.374	3458	3466	3472	rBV	5129278	9568123	96.23%	9.687%
32	23.515	3482	3490	3500	rVB	2324251	4399947	44.25%	4.455%
33	24.056	3576	3582	3590	rVB2	342148	655785	6.60%	0.664%
34	24.797	3702	3708	3716	rVB2	252619	542160	5.45%	0.549%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

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Min Area: 1 % of largest Peak
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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SVOA CALIBRATION

35	25.662	3851	3855	3866	rVB3	156558	351336	3.53%	0.356%
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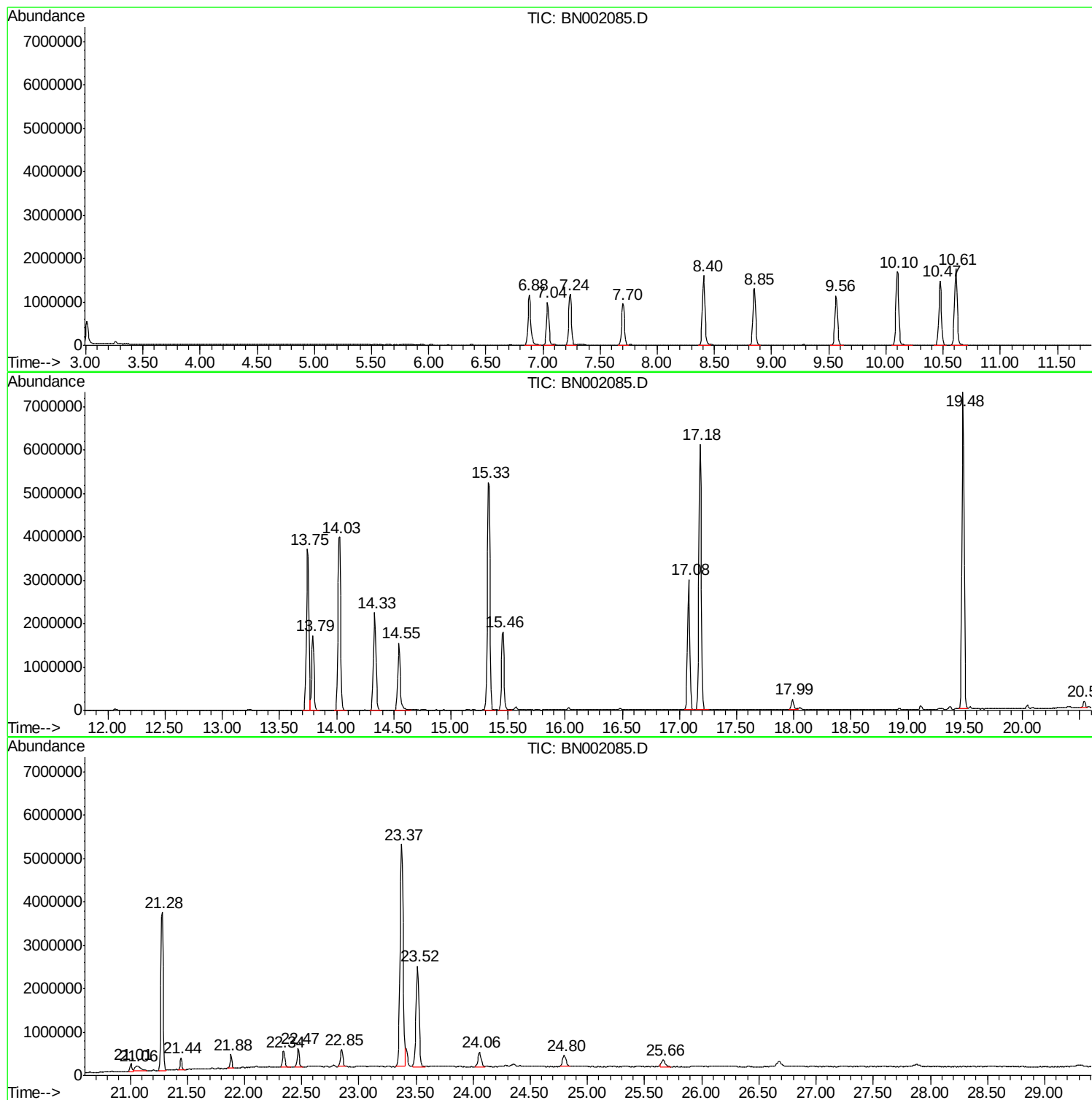
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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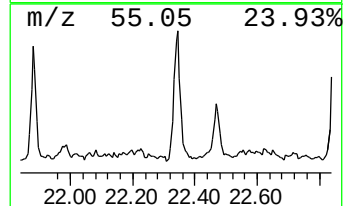
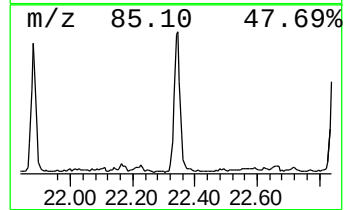
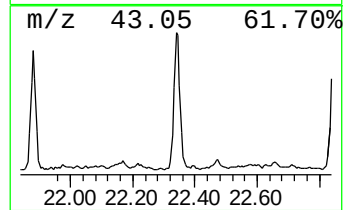
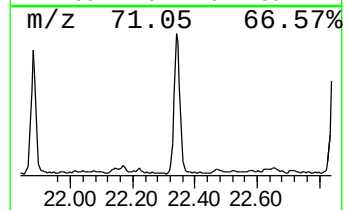
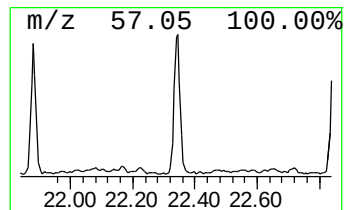
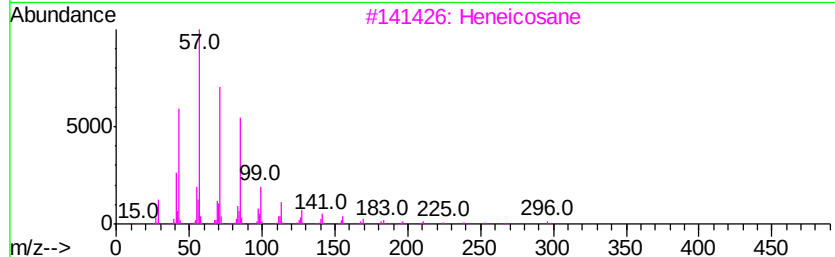
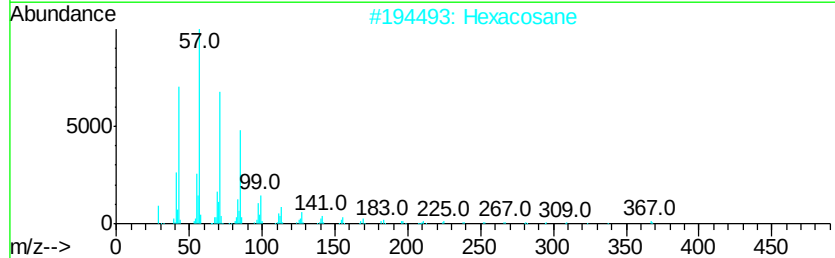
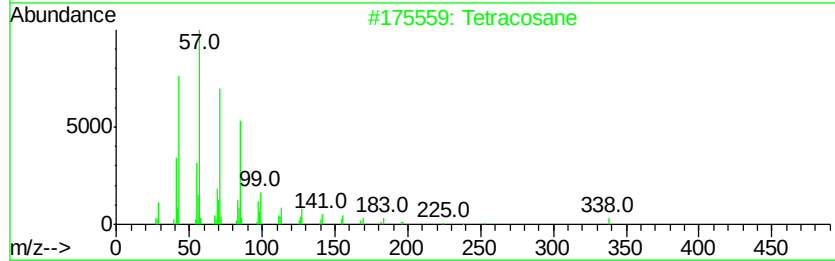
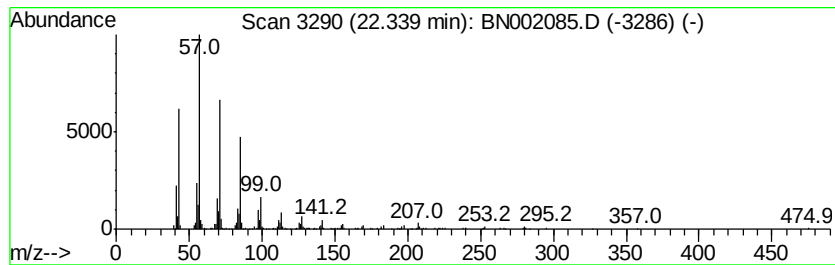
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.18 ng/ul	522529	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



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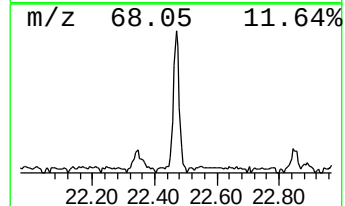
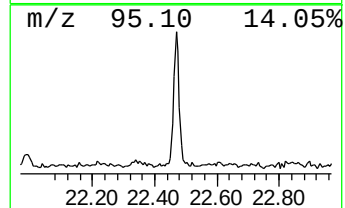
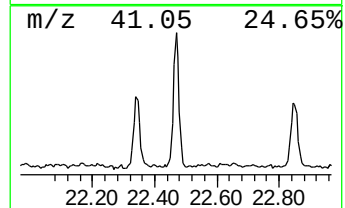
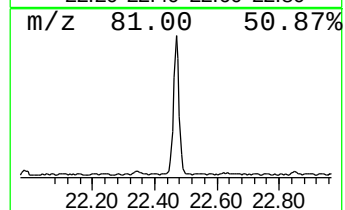
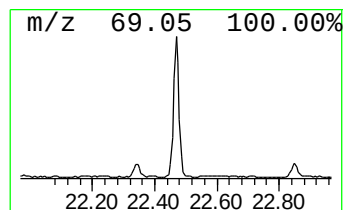
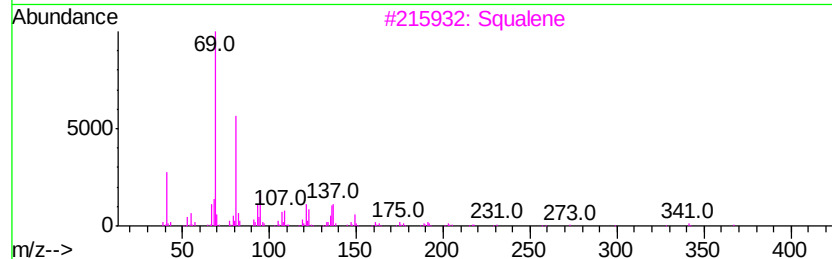
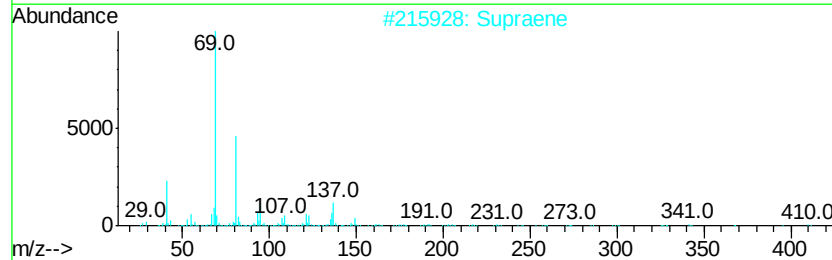
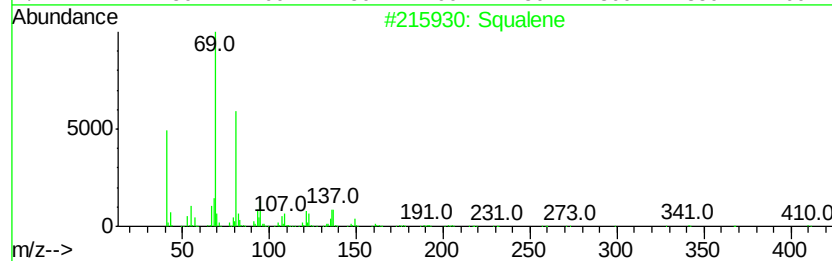
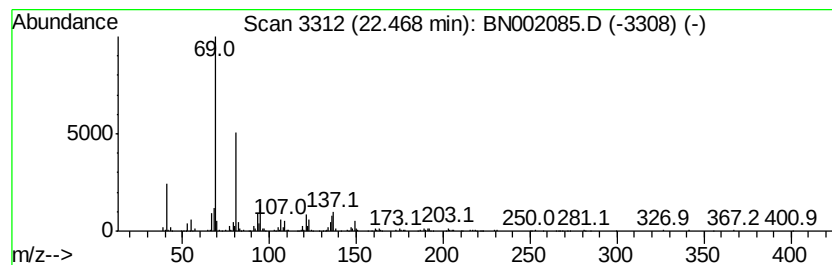
Instrument :
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ClientSampleId :
DB1L4

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 2 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.47 ng/ul	542333	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 91
2	Supraene		410 C30H50	007683-64-9 91
3	Squalene		410 C30H50	000111-02-4 91
4	Squalene		410 C30H50	000111-02-4 91
5	Squalene		410 C30H50	000111-02-4 91



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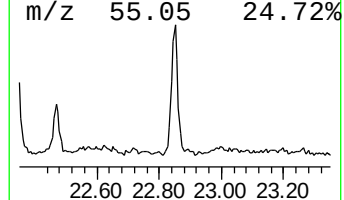
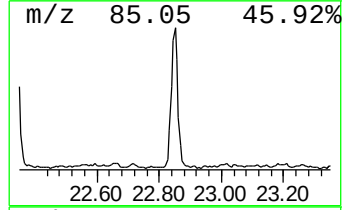
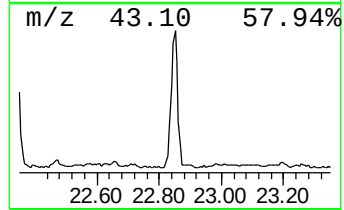
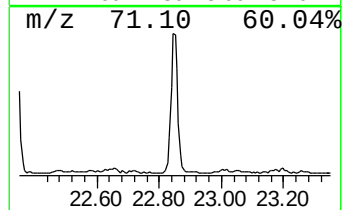
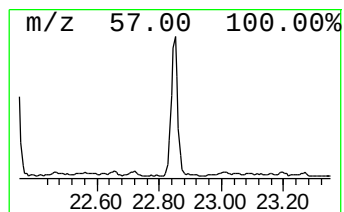
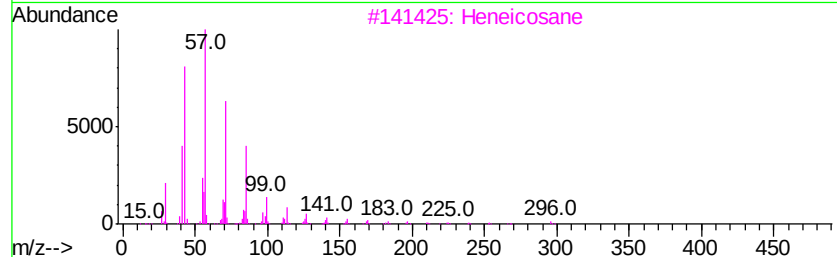
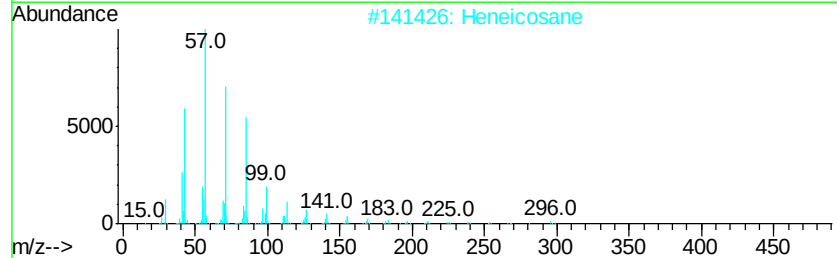
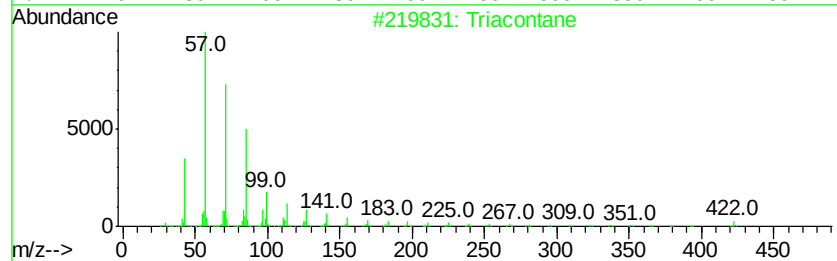
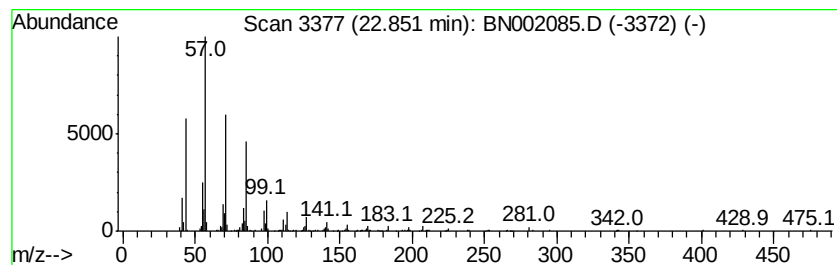
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.55 ng/ul	561517	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



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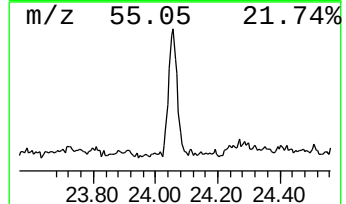
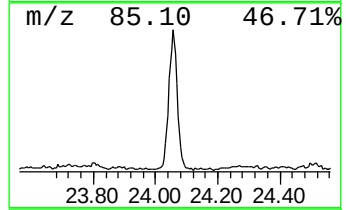
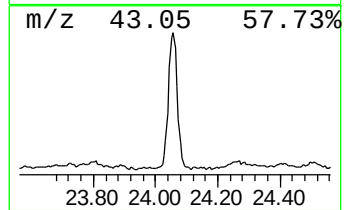
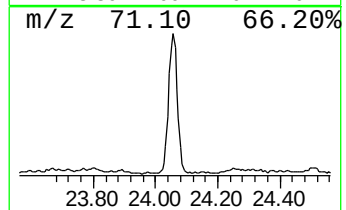
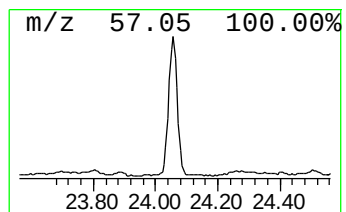
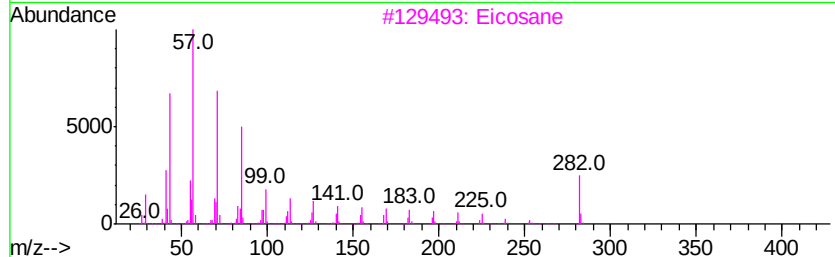
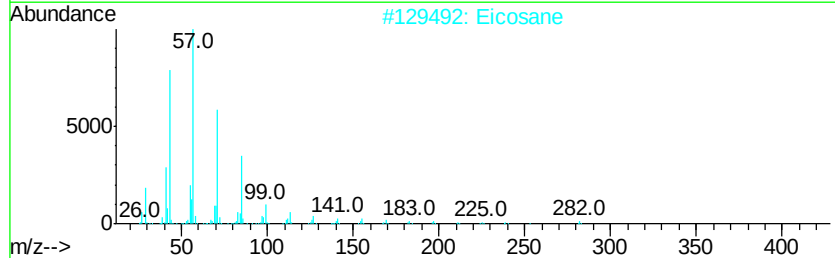
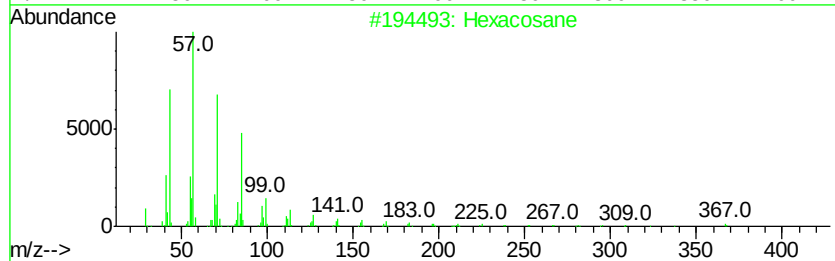
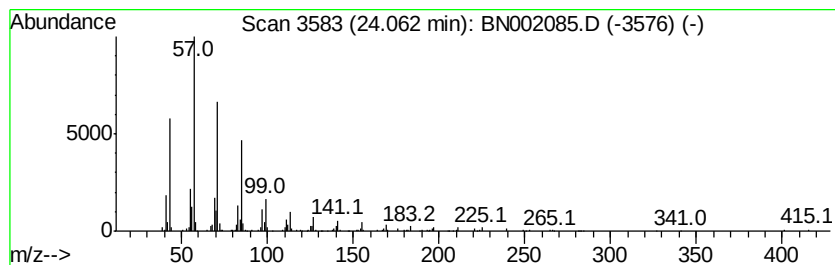
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.98 ng/ul	655785	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Eicosane	282	C20H42	000112-95-8	93
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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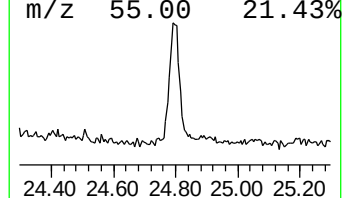
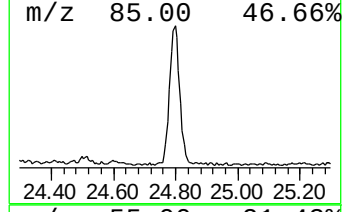
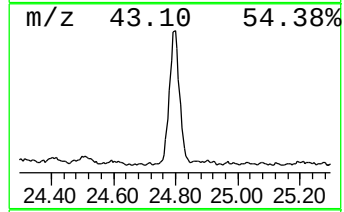
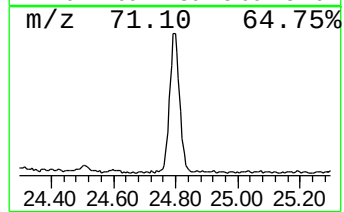
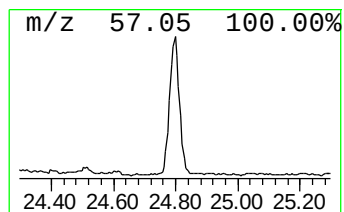
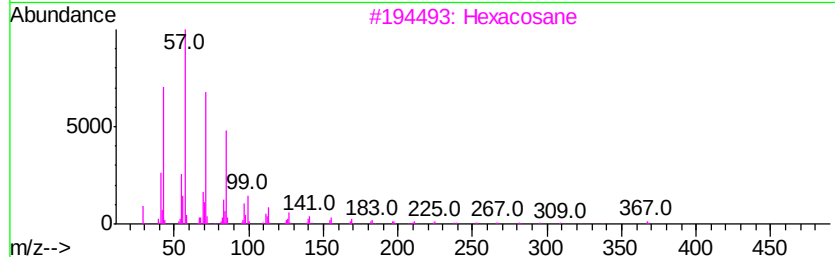
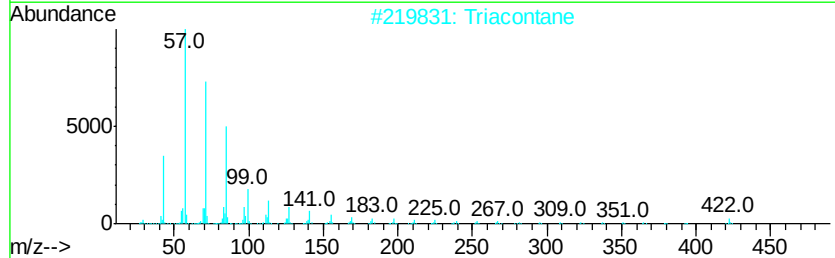
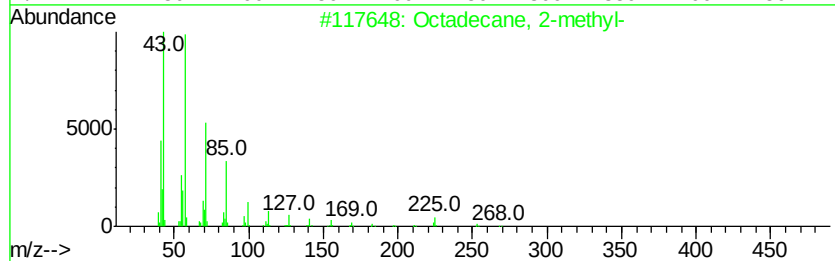
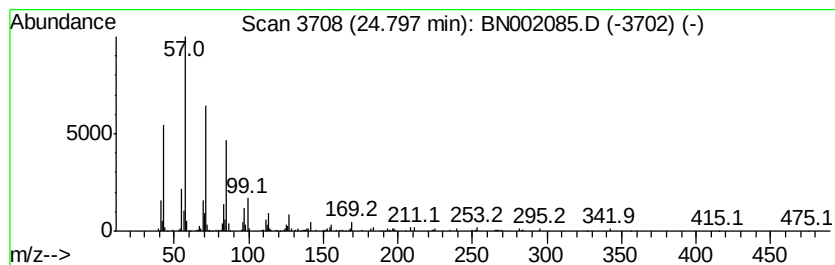
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	2.46 ng/ul	542160	Perylene-d12	23.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Triacontane	422	C30H62	000638-68-6	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Octacosane	394	C28H58	000630-02-4	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	22.34	2.2	ng/ul	522529	5	21.28	4802000	20.0
Squalene	22.47	2.5	ng/ul	542333	6	23.52	4399950	20.0
(DEL) Alkane: Str...	22.85	2.5	ng/ul	561517	6	23.52	4399950	20.0
(DEL) Alkane: Str...	24.06	3.0	ng/ul	655785	6	23.52	4399950	20.0
(DEL) Alkane: Str...	24.80	2.5	ng/ul	542160	6	23.52	4399950	20.0