

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
 Data File : BM026768.D
 Acq On : 15 Jul 2020 09:45
 Operator : JU/CG
 Sample : PB130171BL
 Misc : PBBL-SOIL-04
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK71

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-BM063020MA.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	2.907	25	29	36	rVB	36850	49594	2.62%	0.222%
2	3.354	104	105	110	rVB5	2151	1901	0.10%	0.009%
3	3.596	142	146	150	rBV6	3470	4471	0.24%	0.020%
4	3.825	180	185	194	rBV	53247	70886	3.74%	0.318%
5	4.225	248	253	259	rBV	29208	42051	2.22%	0.188%
6	6.519	637	643	653	rBV	458760	711655	37.55%	3.190%
7	6.666	661	668	680	rBV	349226	514821	27.16%	2.308%
8	6.848	692	699	711	rBV	470944	729102	38.47%	3.268%
9	7.307	770	777	788	rVB	328485	516573	27.25%	2.315%
10	8.036	895	901	917	rBV	527860	822333	43.38%	3.686%
11	8.454	965	972	982	rBV	448026	718142	37.89%	3.219%
12	9.166	1087	1093	1105	rBV	382354	606468	32.00%	2.718%
13	9.707	1178	1185	1204	rBV	455993	823954	43.47%	3.693%
14	10.060	1238	1245	1256	rBV	437728	695793	36.71%	3.119%
15	10.219	1265	1272	1294	rBV	433583	841519	44.40%	3.772%
16	10.366	1296	1297	1300	rBV2	1991	2021	0.11%	0.009%
17	11.683	1516	1521	1528	rVB3	4167	7968	0.42%	0.036%
18	13.401	1807	1813	1822	rBV	929728	1238771	65.36%	5.553%
19	13.654	1850	1856	1867	rBV	987518	1364782	72.00%	6.117%
20	13.965	1903	1909	1917	rBV2	607967	879922	46.42%	3.944%
21	14.183	1939	1946	1949	rBV3	943	1945	0.10%	0.009%
22	14.230	1949	1954	1980	rBV	213705	510778	26.95%	2.290%
23	14.977	2074	2081	2094	rBV	1251357	1701249	89.75%	7.626%
24	15.130	2102	2107	2119	rBV	348541	536247	28.29%	2.404%
25	15.218	2119	2122	2127	rVB2	15695	21924	1.16%	0.098%
26	15.765	2211	2215	2218	rBV3	3449	4344	0.23%	0.019%
27	16.377	2315	2319	2322	rBV3	4521	5953	0.31%	0.027%
28	16.618	2353	2360	2372	rBV3	11748	23793	1.26%	0.107%
29	16.730	2372	2379	2386	rBV	761751	1007896	53.17%	4.518%
30	16.830	2389	2396	2409	rBV	1062603	1479190	78.04%	6.630%
31	17.683	2538	2541	2545	rVV3	2030	3003	0.16%	0.013%
32	17.983	2587	2592	2594	rBV6	4452	6748	0.36%	0.030%
33	18.153	2616	2621	2624	rBV5	2303	4447	0.23%	0.020%
34	18.565	2687	2691	2695	rBV6	4920	8602	0.45%	0.039%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

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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

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35	18.777	2723	2727	2732	rVB	10542	12154	0.64%	0.054%
36	18.871	2740	2743	2746	rBV4	2914	3952	0.21%	0.018%
37	18.977	2759	2761	2765	rBV4	2015	2164	0.11%	0.010%
38	19.024	2765	2769	2773	rVV	8650	11267	0.59%	0.051%
39	19.142	2782	2789	2797	rVV	1362147	1895448	100.00%	8.496%
40	20.177	2960	2965	2968	rBV5	11077	16901	0.89%	0.076%
41	20.953	3092	3097	3105	rBV	688074	925495	48.83%	4.148%
42	21.983	3269	3272	3276	rVB	59944	69624	3.67%	0.312%
43	22.441	3347	3350	3354	rVB	99110	114973	6.07%	0.515%
44	22.888	3420	3426	3432	rBV	1056043	1657970	87.47%	7.432%
45	22.947	3433	3436	3441	rVV	154286	213236	11.25%	0.956%
46	23.018	3442	3448	3462	rVB	552054	972401	51.30%	4.359%
47	23.518	3529	3533	3539	rVB	139222	222291	11.73%	0.996%
48	24.177	3639	3645	3650	rVB	123179	232794	12.28%	1.043%

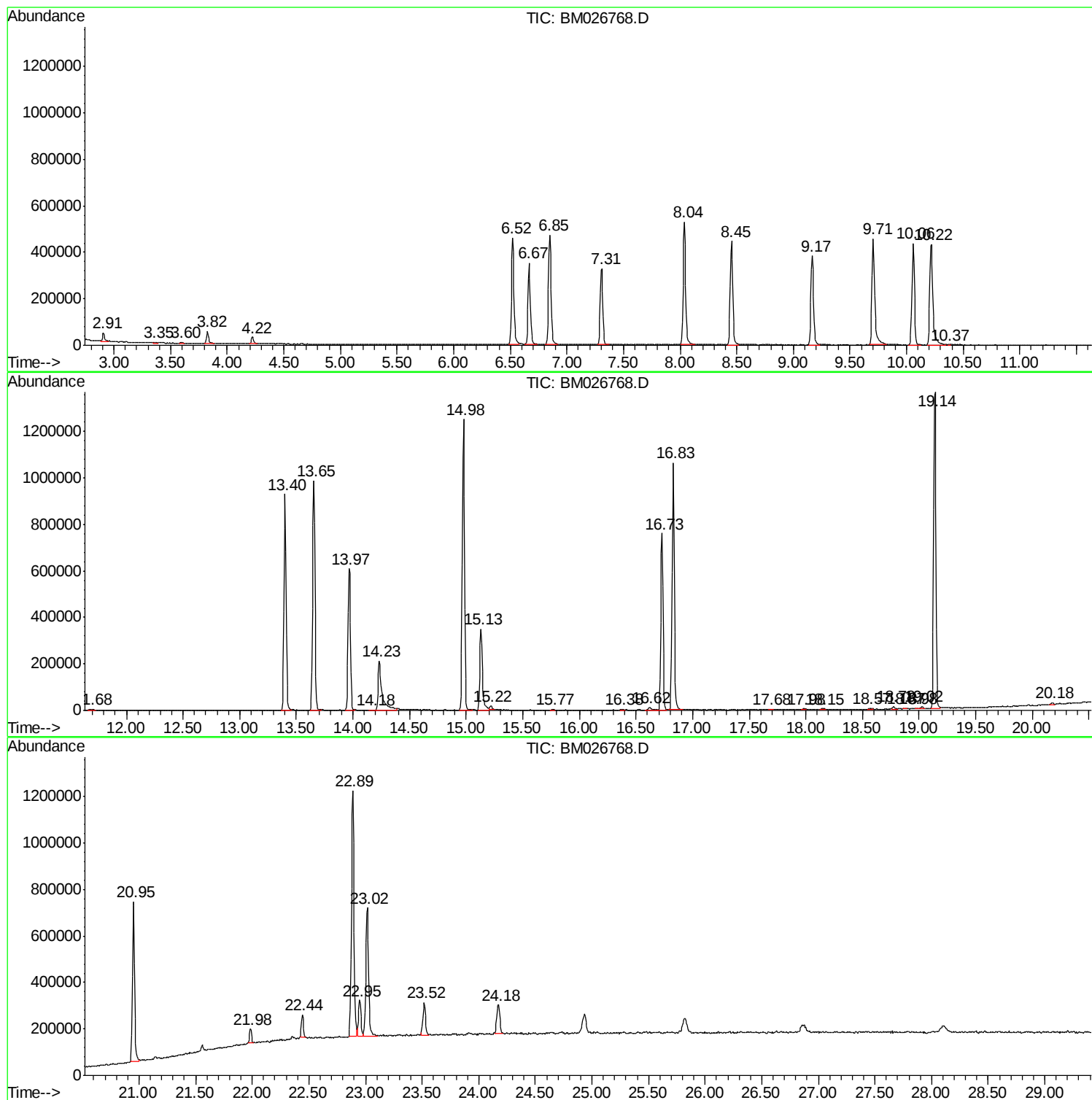
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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



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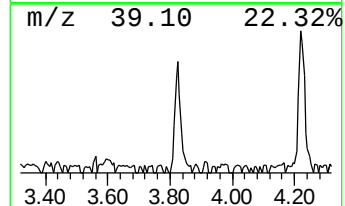
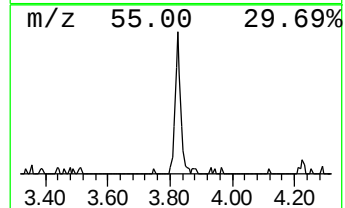
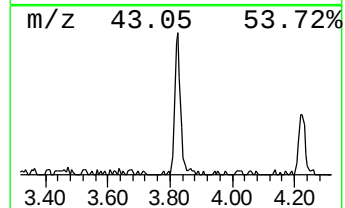
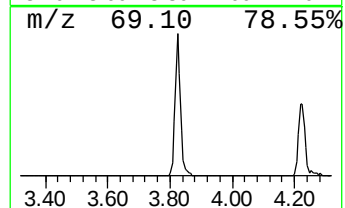
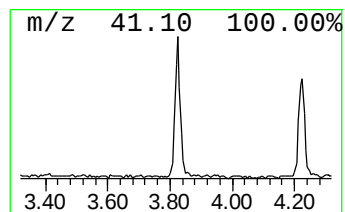
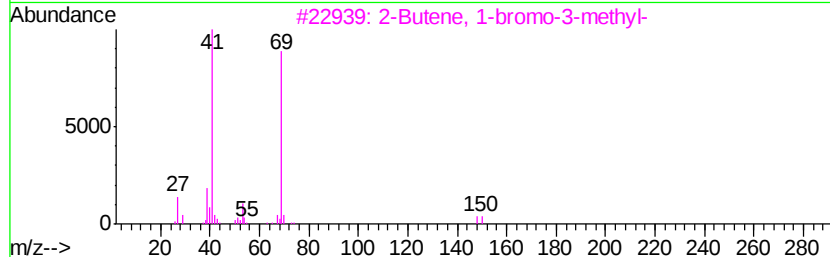
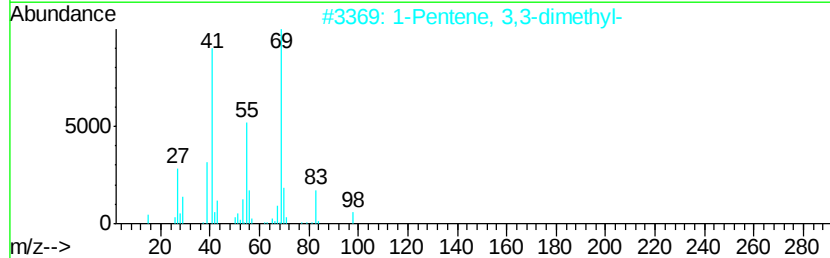
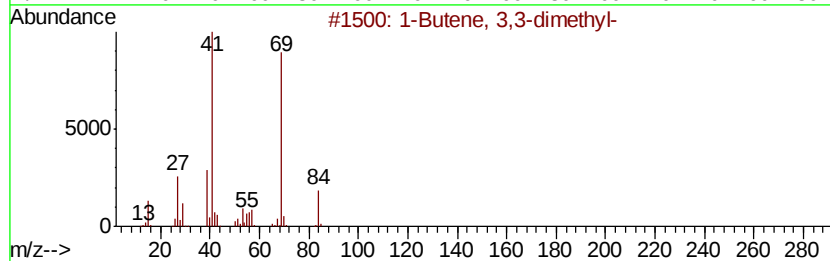
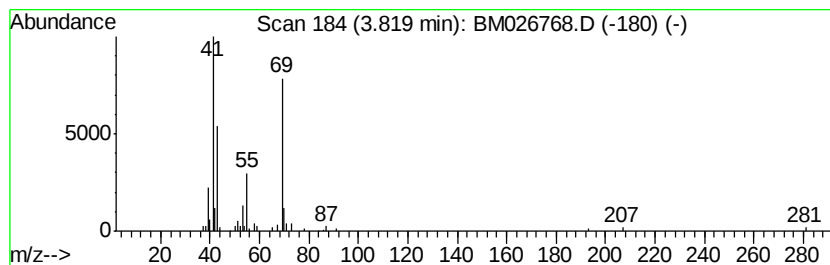
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Butene, 3,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.74 ng/ul	70886	1,4-Dichlorobenzene-d4	7.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	72
2		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	59
3		2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
4		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	50
5		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	50



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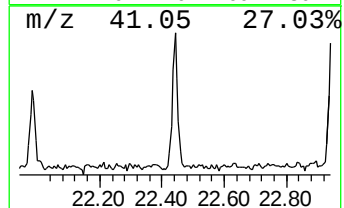
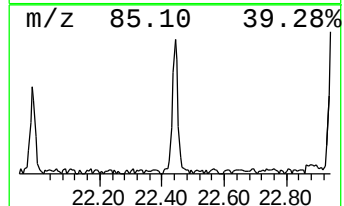
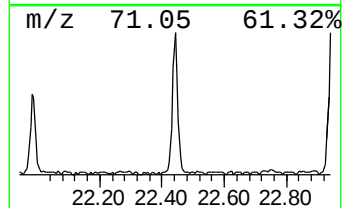
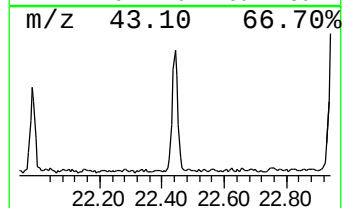
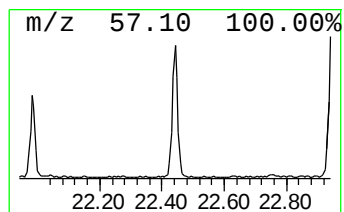
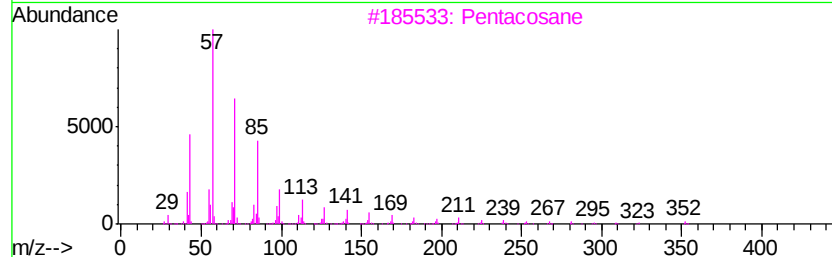
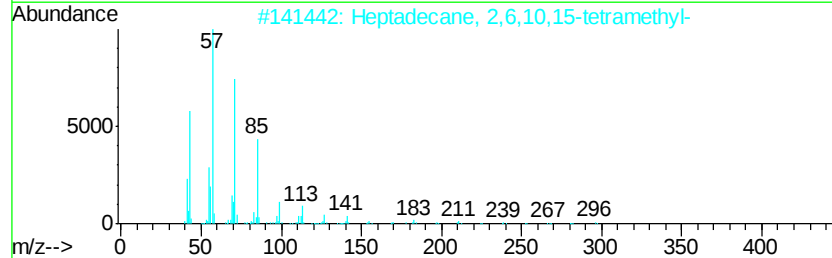
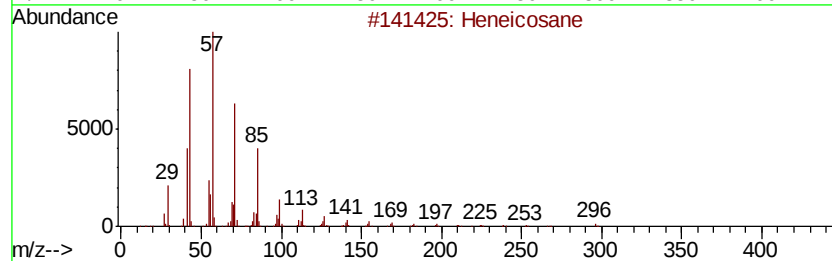
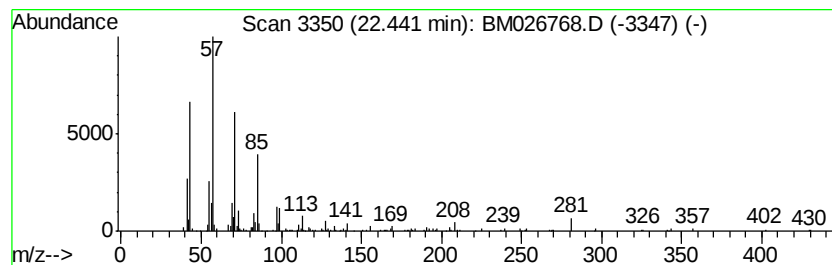
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	2.36 ng/ul	114973	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Pentacosane	352	C25H52	000629-99-2	74
4		Heptacosane	380	C27H56	000593-49-7	74
5		Octacosane	394	C28H58	000630-02-4	74



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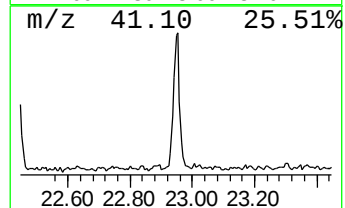
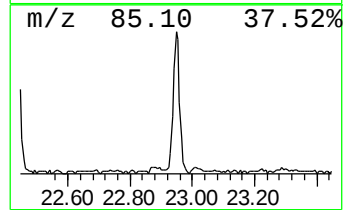
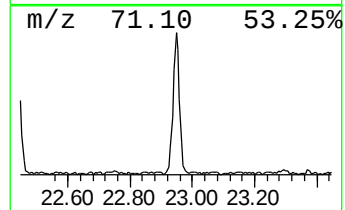
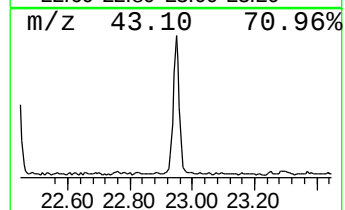
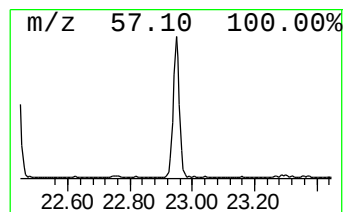
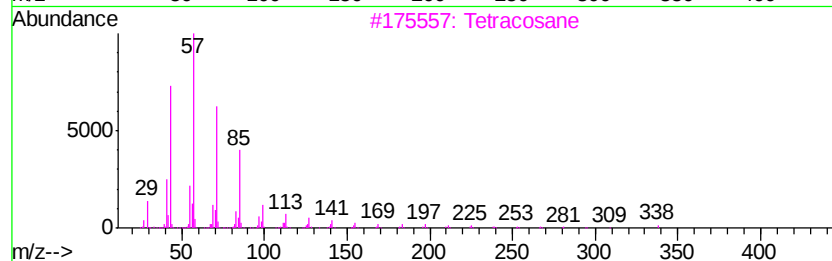
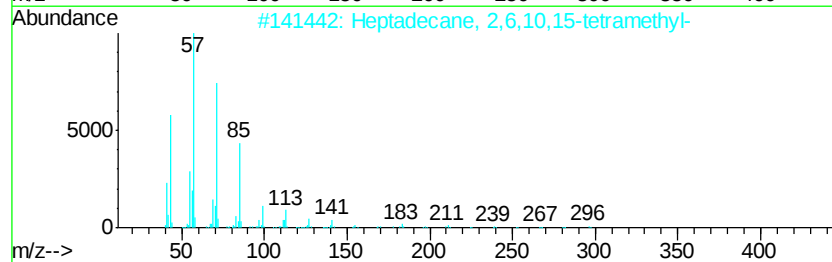
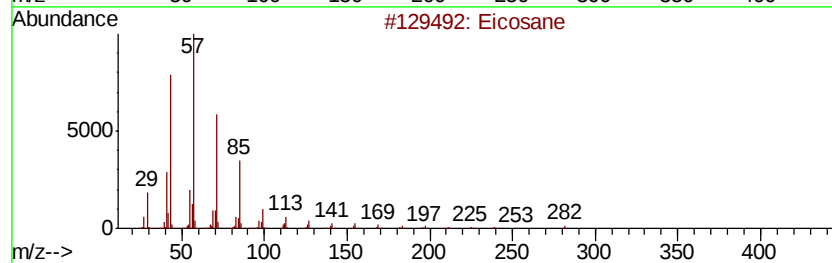
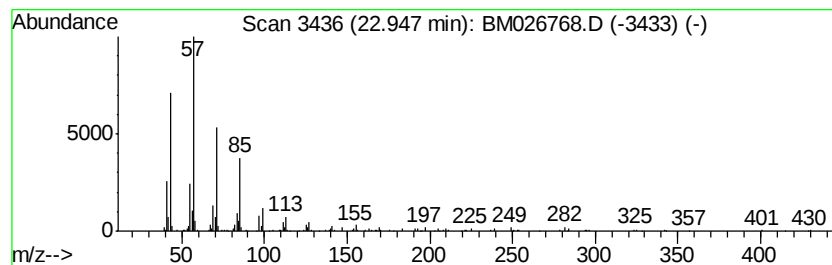
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	4.39 ng/ul	213236	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



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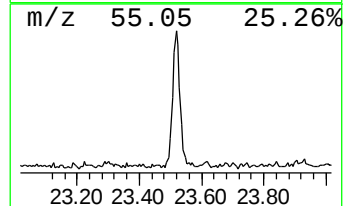
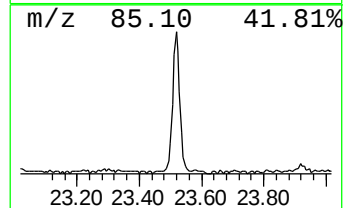
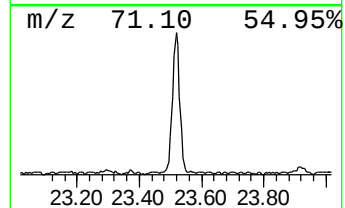
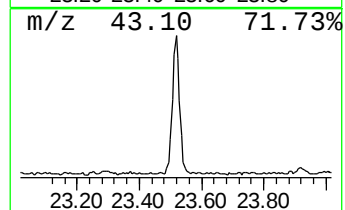
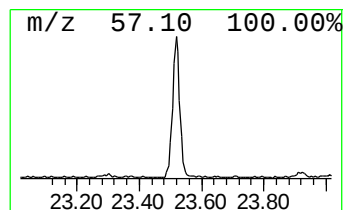
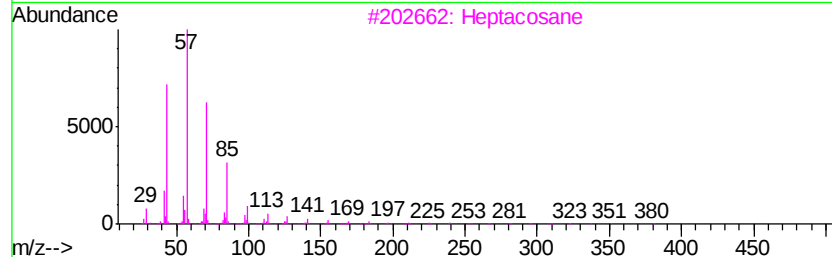
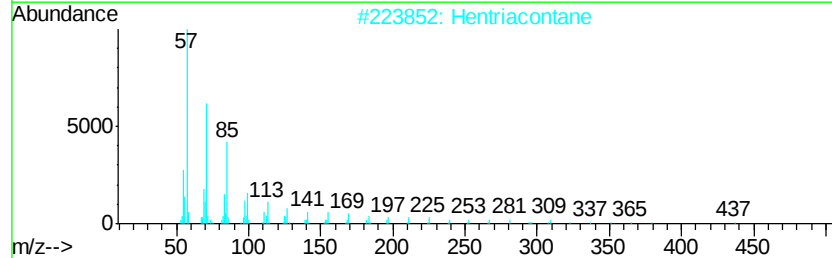
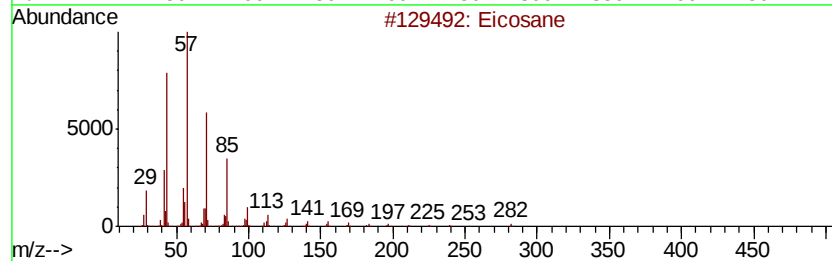
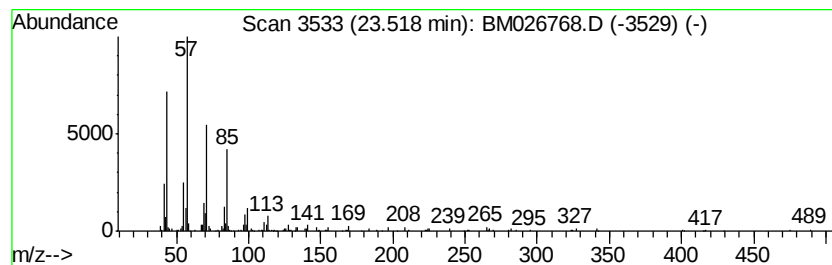
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	4.57 ng/ul	222291	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Heneicosane	296	C21H44	000629-94-7	80
5		Docosane, 7-butyl-	366	C26H54	055282-15-0	80



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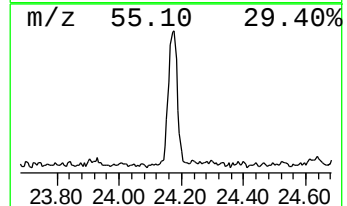
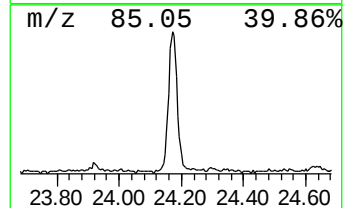
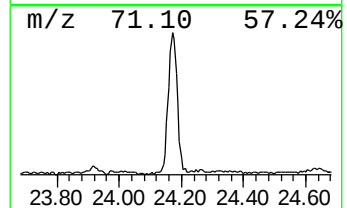
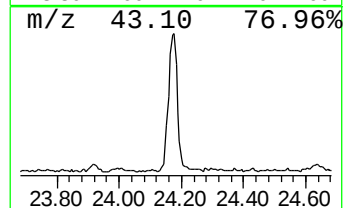
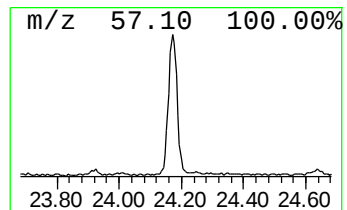
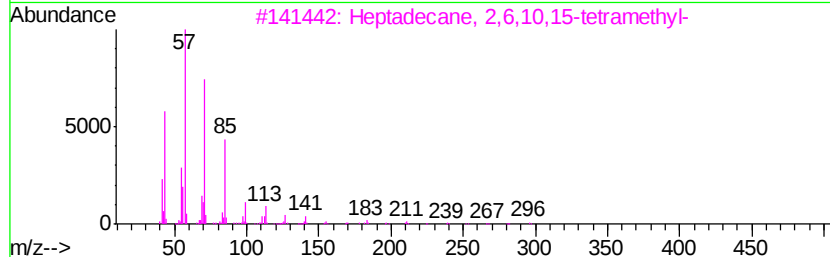
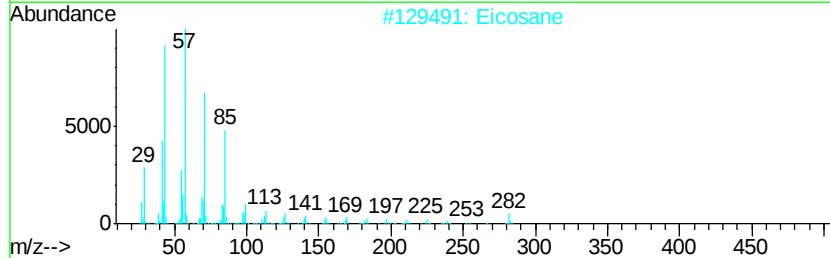
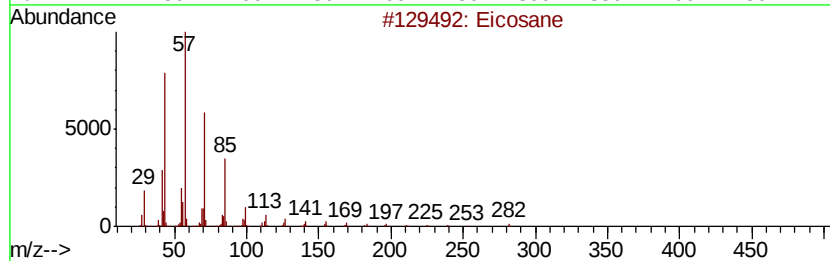
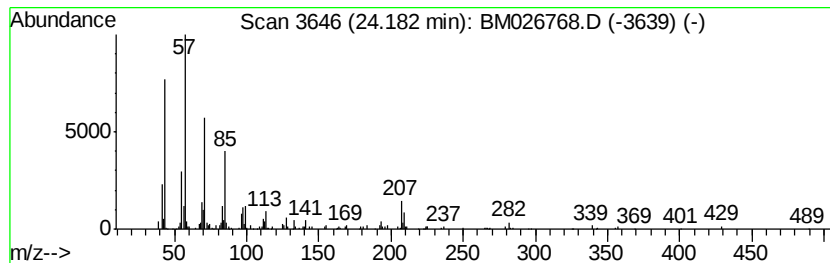
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	4.79 ng/ul	232794	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071520\
Data File : BM026768.D
Acq On : 15 Jul 2020 09:45
Operator : JU/CG
Sample : PB130171BL
Misc : PBBL-SOIL-04
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK71

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Butene, 3,3-dim...	3.82	2.7	ng/ul	70886	1	7.31	516573	20.0
(DEL) Alkane: Str...	22.44	2.4	ng/ul	114973	6	23.02	972401	20.0
(DEL) Alkane: Str...	22.95	4.4	ng/ul	213236	6	23.02	972401	20.0
(DEL) Alkane: Str...	23.52	4.6	ng/ul	222291	6	23.02	972401	20.0
(DEL) Alkane: Str...	24.18	4.8	ng/ul	232794	6	23.02	972401	20.0