LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026745.D
Acq On : 14 Jul 2020 10:29
Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	2.908	25	29	36	rVB	30111	42007	2.41%	0.227%
2	3.602	143	147	151	rVB3	4031	5927	0.34%	0.032%
3	3.825	181	185	191	rBV	42623	52568	3.01%	0.285%
4	4.019	216	218	221	rVB3	1527	1763	0.10%	0.010%
5	4.225	249	253	260	rBV	29483	39608	2.27%	0.214%
6	6.525	637	644	653	rBV	363895	572579	32.80%	3.101%
7	6.666	663	668	690	rVB	266618	420226	24.07%	2.276%
8	6.854	692	700	711	rBV	373115	585781	33.56%	3.172%
9	7.307	771	777	785	rBV	280810	416386	23.85%	2.255%
10	8.043	896	902	914	rBV	407865	653068	37.41%	3.537%
11	8.454	966	972	982	rBV	344143	559161	32.03%	3.028%
12	8.684	1006	1011	1013	rVB3	1392	2093	0.12%	0.011%
13	9.172	1087	1094	1103	rBV	292024	476126	27.28%	2.578%
14	9.713	1179	1186	1208	rBV	355976	654929	37.52%	3.547%
15	9.995	1228	1234	1236	rVB3	1321	2261	0.13%	0.012%
16	10.066	1239	1246	1257	rVV	337701	547434	31.36%	2.965%
17	10.219	1265	1272	1290	rBV	340929	652985	37.41%	3.536%
18	11.684	1515	1521	1528	rBV3	4220	7262	0.42%	0.039%
19	13.401	1807	1813	1824	rBV	682284	944023	54.08%	5.112%
20	13.660	1850	1857	1869	rBV	724074	1053184	60.33%	5.704%
21	13.854	1885	1890	1898	rBV4	8988	22722	1.30%	0.123%
22	13.972	1904	1910	1920	rVB2	493884	682351	39.09%	3.695%
23	14.242	1949	1956	1980	rBV	160751	420280	24.08%	2.276%
24	14.977	2075	2081	2092	rBV	940972	1302176	74.60%	7.052%
25	15.130	2102	2107	2118	rBV	284762	441407	25.29%	2.390%
26	15.224	2120	2123	2127	rVB4	10803	14292	0.82%	0.077%
27	15.766	2212	2215	2218	rBV4	3302	3275	0.19%	0.018%
28	16.524	2341	2344	2347	rVB2	1788	2037	0.12%	0.011%
29	16.624	2357	2361	2370	rVB3	10968	20036	1.15%	0.109%
30	16.730	2373	2379	2387	rVV	582963	796608	45.63%	4.314%
31	16.830	2390	2396	2415	rVV	840049	1172521	67.17%	6.350%
32	17.683	2537	2541	2543	rBV3	2325	3506	0.20%	0.019%
33	17.977	2587	2591	2598	rBV6	7402	15628	0.90%	0.085%
34	18.042	2600	2602	2605	rVB4	1782	2109	0.12%	0.011%

LSC Area Percent Report

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Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	18.154	2616	2621	2623	rBV4	3600	4666	0.27%	0.025%
36	18.565	2687	2691	2694	rBV4	5026	6896	0.40%	0.037%
37	18.777	2725	2727	2730	rBV	8440	8879	0.51%	0.048%
38	18.883	2742	2745	2748	rBV5	2615	4005	0.23%	0.022%
39	18.971	2759	2760	2764	rVB4	2400	2741	0.16%	0.015%
40	19.030	2764	2770	2774	rBV	9311	13801	0.79%	0.075%
41	19.142	2783	2789	2798	rBV	1218594	1635597	93.70%	8.858%
42	19.342	2821	2823	2824	rBV2	1979	1748	0.10%	0.009%
43	19.971	2928	2930	2933	rBV4	4112	5386	0.31%	0.029%
44	20.959	3092	3098	3106	rBV	685436	933458	53.47%	5.055%
45	22.448	3349	3351	3359	rVB2	61309	84684	4.85%	0.459%
46	22.895	3421	3427	3434	rBV	1070262	1745639	100.00%	9.453%
47	22.959	3435	3438	3443	rVV2	90784	132235	7.58%	0.716%
48	23.024	3443	3449	3460	rVB	588330	1013119	58.04%	5.487%
49	23.530	3531	3535	3541	rVB2	83868	147369	8.44%	0.798%
50	24.189	3642	3647	3653	rVB2	74044	137007	7.85%	0.742%

Sum of corrected areas: 18465549

LSC Report - Integrated Chromatogram

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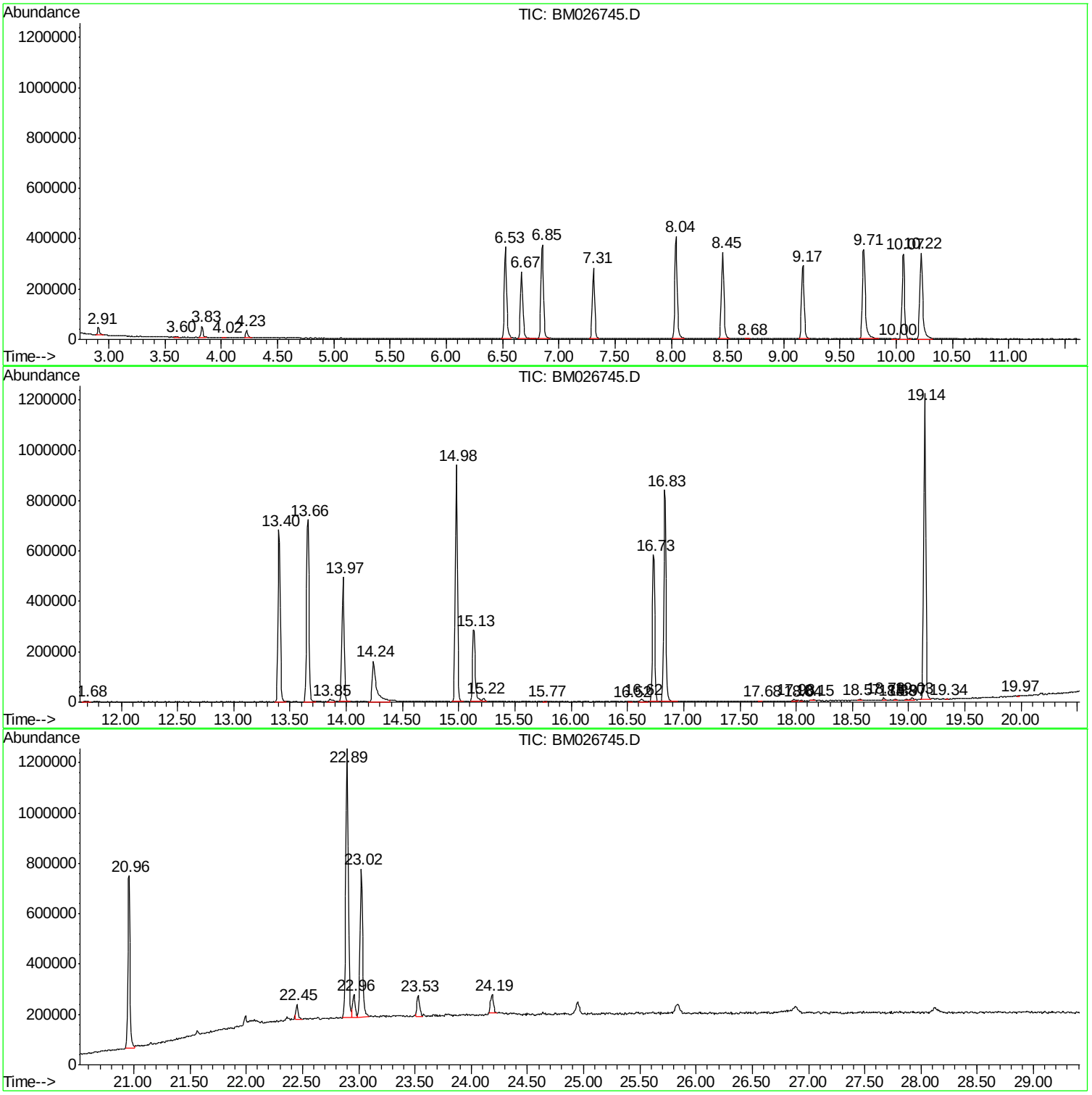
Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026745.D
Acq On : 14 Jul 2020 10:29
Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

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

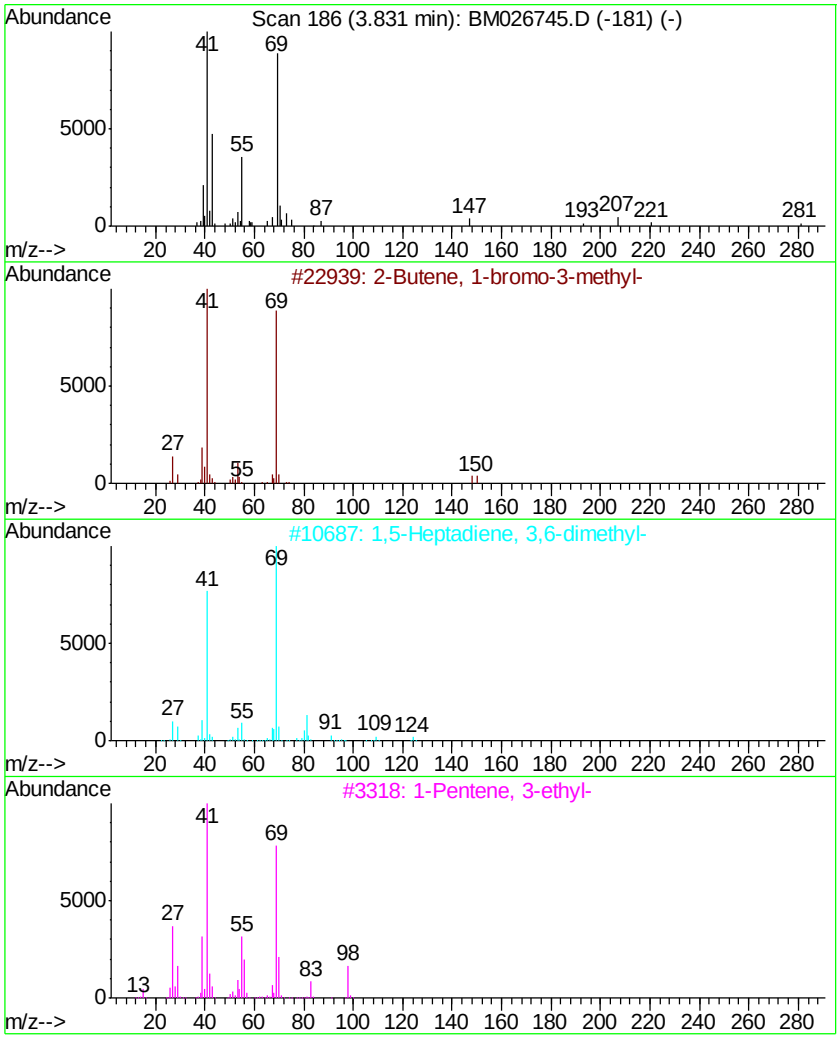
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

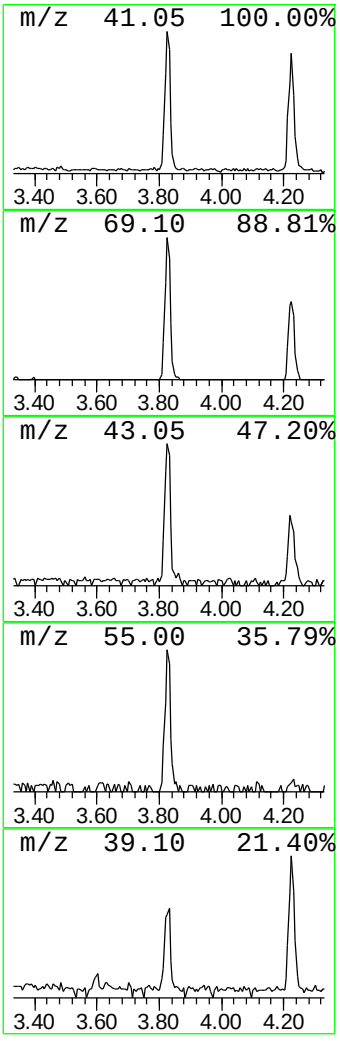
****

Peak Number 1 2-Butene, 1-bromo-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.52 ng/ul	52568	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
2	1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	39
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38
4	4-Trifluoroacetoxyoctane	226	C10H17F3O2	116465-17-9	38
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38





Library Search Compound Report

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Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

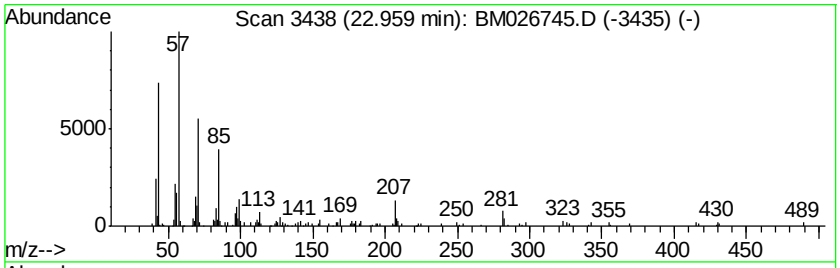
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

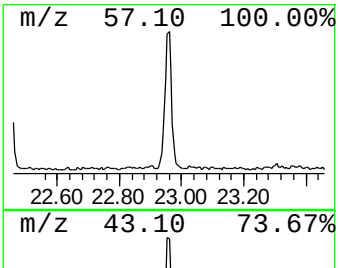
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.61 ng/ul	132235	Perylene-d12	23.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Eicosane	282	C20H42	000112-95-8	81
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	76
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026745.D
Acq On : 14 Jul 2020 10:29
Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

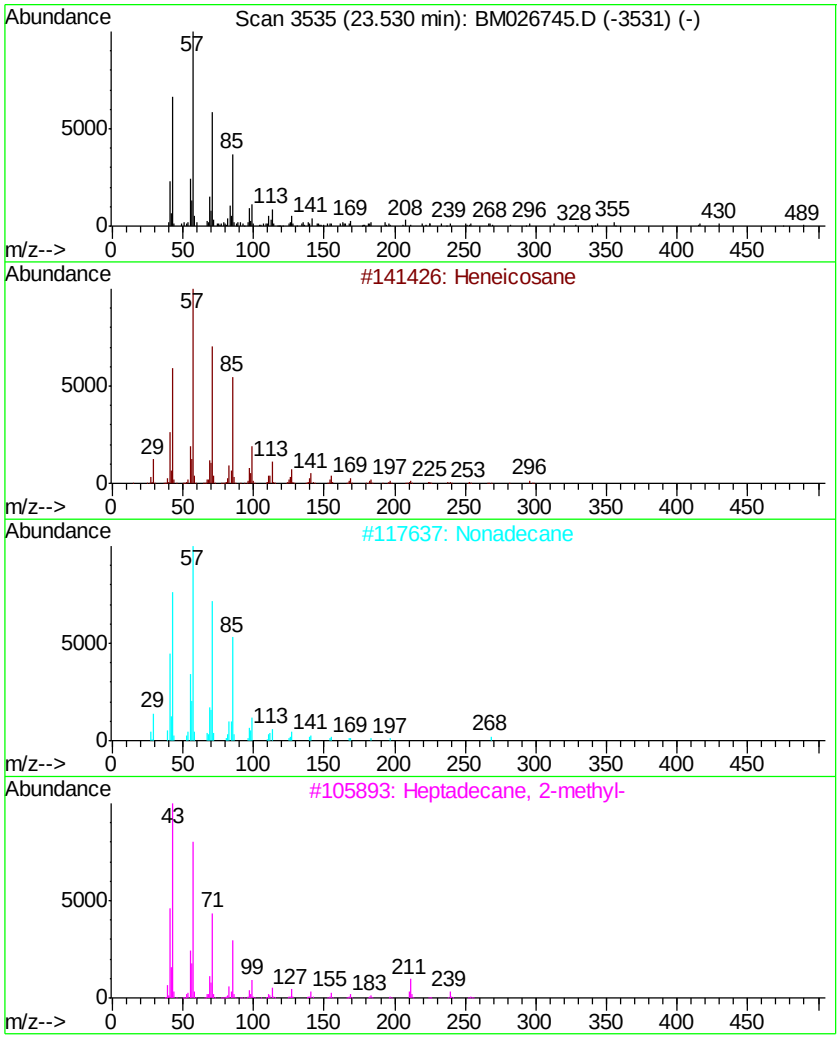
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION

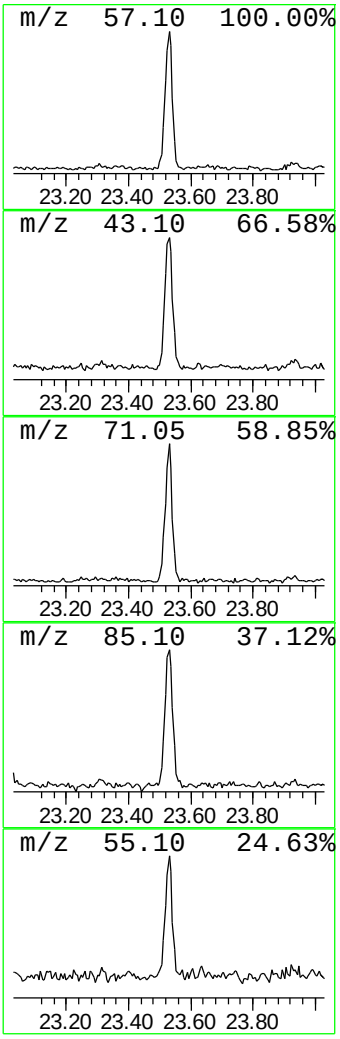
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	2.91 ng/ul	147369	Perylene-d12	23.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	89
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





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Data File : BM026745.D
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Operator : JU/CG
Sample : PB130164BL
Misc : PBBL-SOIL-01
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK64

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

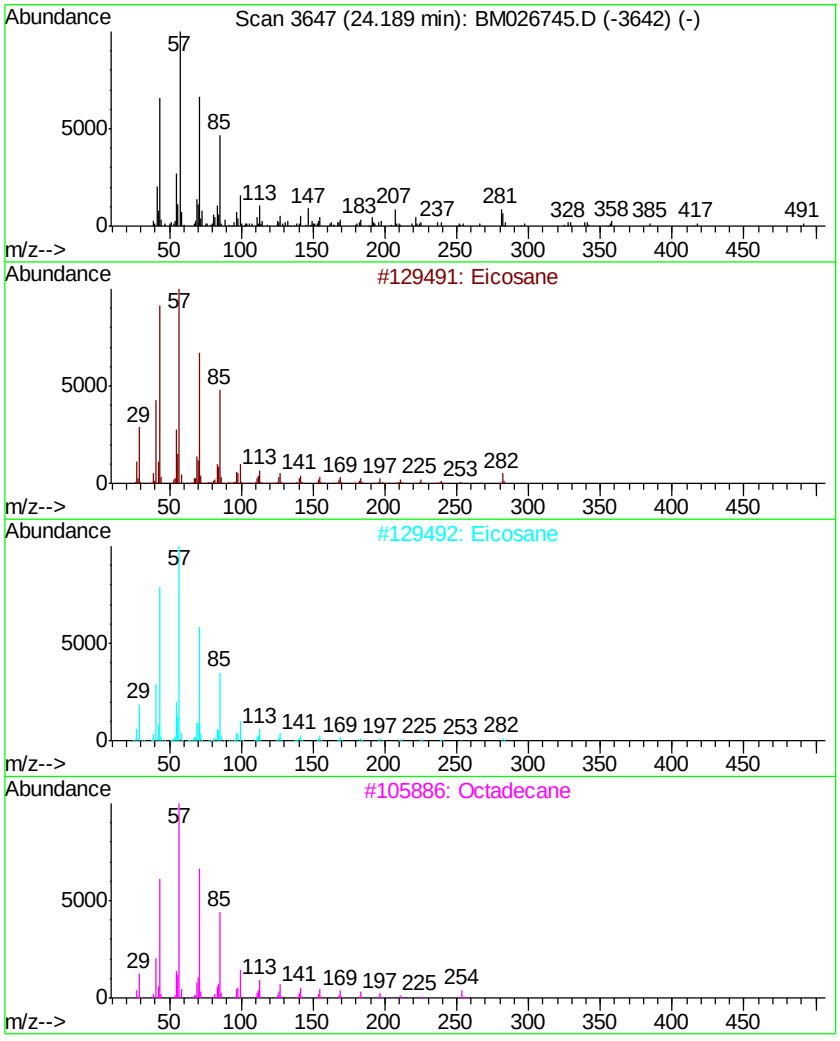
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

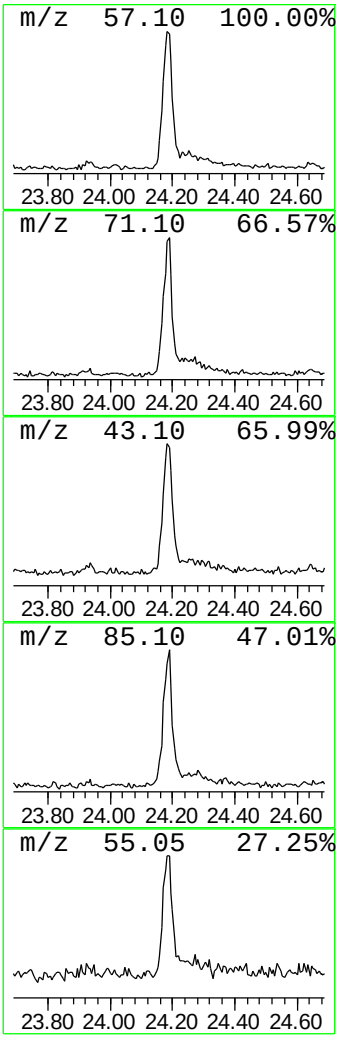
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.70 ng/ul	137007	Perylene-d12	23.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Hexacosane	366	C26H54	000630-01-3	83
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071420\
Data File : BM026745.D
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Instrument : BNA_M
ClientSampleId : SBLK64

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butene, 1-bromo...	3.83	2.5	ng/ul	52568	1	7.31	416386	20.0
(DEL) Alkane: Str...	22.96	2.6	ng/ul	132235	6	23.02	1013120	20.0
(DEL) Alkane: Str...	23.53	2.9	ng/ul	147369	6	23.02	1013120	20.0
(DEL) Alkane: Str...	24.19	2.7	ng/ul	137007	6	23.02	1013120	20.0