LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

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-BM112719MA.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	3.028	21	24	34	rVB	53162	85318	1.28%	0.101%
2	3.646	124	129	136	rVV	60031	93910	1.41%	0.111%
3	3.728	140	143	148	rVB2	19578	29740	0.45%	0.035%
4	4.634	293	297	306	rBV	60035	94135	1.41%	0.112%
5	6.663	636	642	658	rBV	993683	1735435	26.00%	2.059%
6	6.822	663	669	690	rVV	816598	1376080	20.61%	1.632%
7	7.010	694	701	714	rVV	1080306	1755592	26.30%	2.083%
8	7.110	714	718	723	rVB6	12378	20576	0.31%	0.024%
9	7.469	772	779	790	rBV	1574885	2538720	38.03%	3.012%
10	7.563	790	795	801	rVB	21597	39583	0.59%	0.047%
11	8.193	895	902	917	rBV	1205292	2081066	31.17%	2.469%
12	8.304	917	921	928	rVB	38410	65717	0.98%	0.078%
13	8.622	968	975	992	rBV	963518	1700183	25.47%	2.017%
14	8.816	1003	1008	1012	rVB7	5282	9586	0.14%	0.011%
15	8.934	1023	1028	1031	rBV6	3574	6818	0.10%	0.008%
16	9.069	1043	1051	1056	rBV	28445	44686	0.67%	0.053%
17	9.340	1090	1097	1112	rBV	784140	1357043	20.33%	1.610%
18	9.875	1179	1188	1207	rBV	1196727	2188137	32.78%	2.596%
19	10.240	1242	1250	1261	rBV	2294149	3783689	56.68%	4.488%
20	10.392	1269	1276	1301	rBV	939529	1923604	28.81%	2.282%
21	11.704	1490	1499	1503	rBV7	6867	13232	0.20%	0.016%
22	11.851	1520	1524	1529	rVB3	16203	26229	0.39%	0.031%
23	12.486	1626	1632	1636	rBV6	5027	10157	0.15%	0.012%
24	12.969	1711	1714	1722	rVB5	12215	19846	0.30%	0.024%
25	13.045	1722	1727	1732	rBV5	6257	9779	0.15%	0.012%
26	13.469	1796	1799	1802	rVB4	6649	8895	0.13%	0.011%
27	13.557	1807	1814	1818	rVV	2460814	3518766	52.71%	4.174%
28	13.604	1818	1822	1832	rVV	414107	631874	9.46%	0.750%
29	13.680	1833	1835	1840	rVB6	6370	7444	0.11%	0.009%
30	13.822	1851	1859	1873	rBV	2821143	4198435	62.89%	4.980%
31	14.063	1893	1900	1904	rVB4	12942	20362	0.31%	0.024%
32	14.133	1904	1912	1926	rBV	3569038	5354514	80.21%	6.352%
33	14.369	1946	1952	1970	rBV	519187	1170375	17.53%	1.388%
34	14.580	1981	1988	1999	rVB4	94679	181605	2.72%	0.215%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

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-BM112719MA.M
Title : SVOA CALIBRATION

35	15.016	2058	2062	2067	rVB4	11740	17358	0.26%	0.021%
36	15.133	2076	2082	2095	rBV	3810998	5358079	80.26%	6.356%
37	15.280	2100	2107	2118	rBV	873002	1343744	20.13%	1.594%
38	15.374	2119	2123	2129	rVV	46575	75845	1.14%	0.090%
39	15.427	2129	2132	2134	rVB4	6434	7890	0.12%	0.009%
40	15.580	2153	2158	2161	rVB5	14020	19675	0.29%	0.023%
41	15.633	2165	2167	2174	rVB8	5203	7950	0.12%	0.009%
42	15.727	2181	2183	2188	rVB6	8927	9953	0.15%	0.012%
43	15.880	2207	2209	2213	rVV4	12766	18161	0.27%	0.022%
44	15.922	2213	2216	2222	rVB6	15099	23267	0.35%	0.028%
45	16.045	2235	2237	2242	rVB5	7517	12072	0.18%	0.014%
46	16.339	2281	2287	2288	rBV6	6635	10454	0.16%	0.012%
47	16.445	2301	2305	2307	rBV5	9507	11354	0.17%	0.013%
48	16.569	2321	2326	2331	rVB8	8911	16363	0.25%	0.019%
49	16.674	2340	2344	2349	rBV2	26502	39571	0.59%	0.047%
50	16.839	2368	2372	2374	rBV5	5449	6677	0.10%	0.008%
51	16.886	2374	2380	2390	rVV	4353601	6064000	90.83%	7.194%
52	16.986	2390	2397	2412	rVB	3941990	5670722	84.94%	6.727%
53	17.416	2467	2470	2474	rVB6	8531	9070	0.14%	0.011%
54	17.580	2494	2498	2503	rVB7	9486	16019	0.24%	0.019%
55	17.686	2515	2516	2521	rVB4	6437	7345	0.11%	0.009%
56	17.810	2532	2537	2546	rBV	487637	753145	11.28%	0.893%
57	18.110	2584	2588	2590	rBV5	11079	15647	0.23%	0.019%
58	18.674	2682	2684	2685	rBV	9549	8007	0.12%	0.009%
59	18.751	2694	2697	2701	rVB6	18052	23175	0.35%	0.027%
60	18.845	2710	2713	2719	rBV8	11114	20390	0.31%	0.024%
61	18.927	2723	2727	2730	rBV	37538	57278	0.86%	0.068%
62	19.104	2752	2757	2764	rBV2	227038	354952	5.32%	0.421%
63	19.180	2767	2770	2774	rVB	46085	65196	0.98%	0.077%
64	19.292	2783	2789	2795	rBV	4978172	6675923	100.00%	7.919%
65	20.374	2970	2973	2978	rVB2	83132	87785	1.31%	0.104%
66	20.833	3047	3051	3059	rBV	1051895	1666854	24.97%	1.977%
67	21.092	3090	3095	3106	rBV	4067043	5396154	80.83%	6.401%
68	21.274	3123	3126	3131	rBV	295675	323177	4.84%	0.383%
69	21.692	3194	3197	3207	rBV	435692	633783	9.49%	0.752%
70	22.133	3269	3272	3277	rVB	535816	674251	10.10%	0.800%
71	22.615	3350	3354	3359	rVB	614225	788037	11.80%	0.935%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

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-BM112719MA.M
Title : SVOA CALIBRATION

72	23.098	3430	3436	3441	rBV	3090468	5268557	78.92%	6.250%
73	23.150	3441	3445	3450	rVB	634921	953273	14.28%	1.131%
74	23.227	3452	3458	3466	rVB2	2684959	4911529	73.57%	5.826%
75	23.756	3544	3548	3554	rVB	465166	773727	11.59%	0.918%

Sum of corrected areas: 84297540

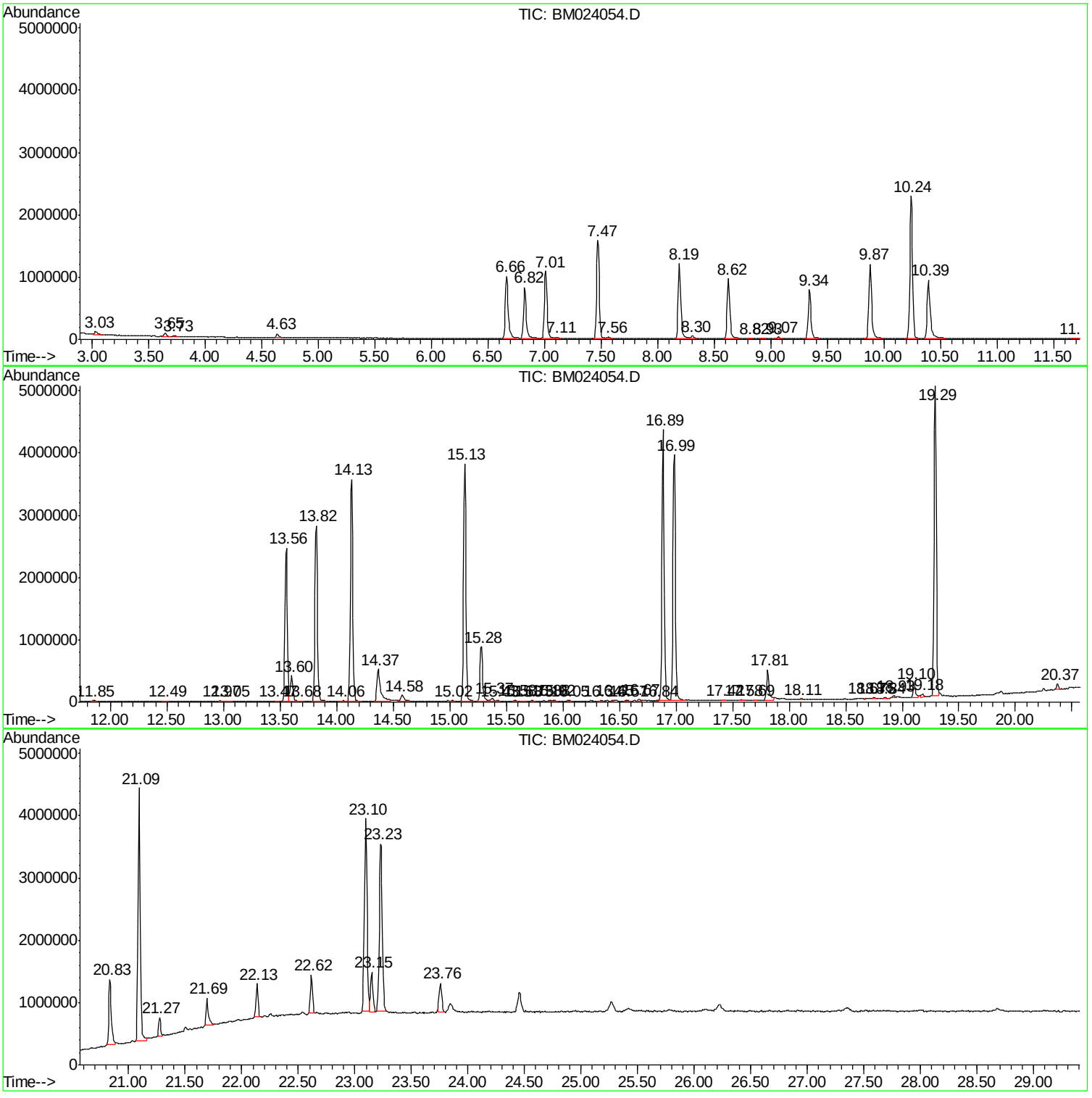
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

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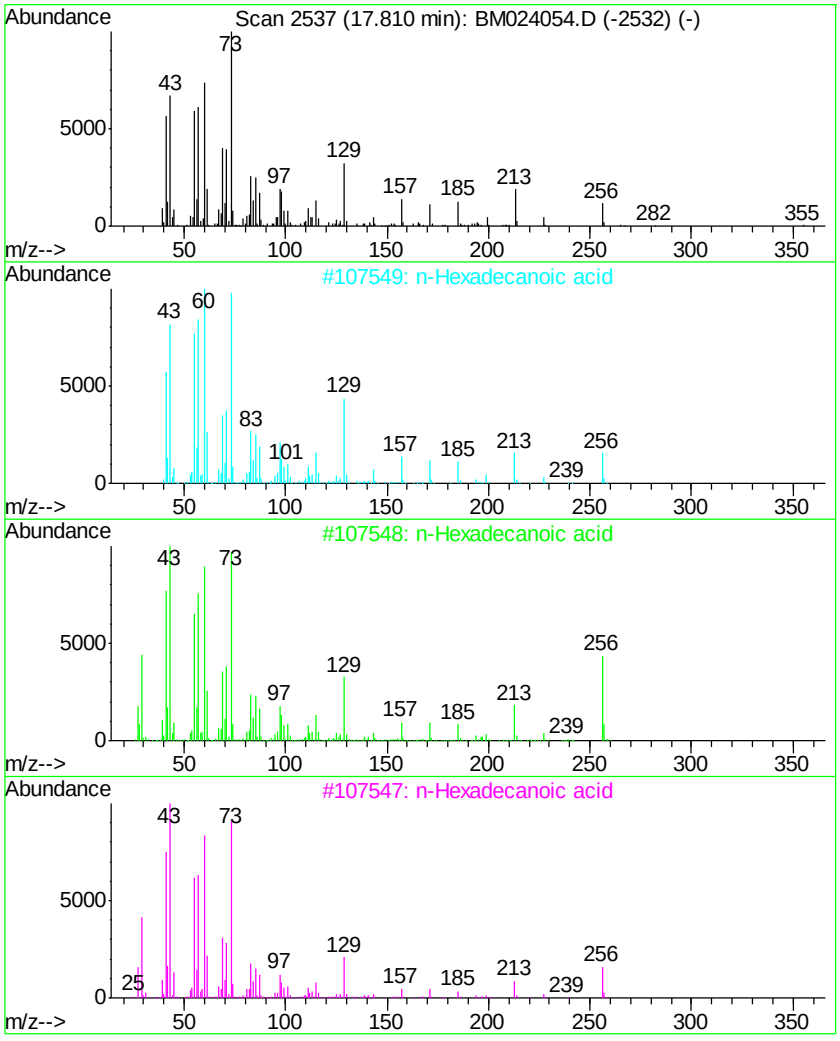
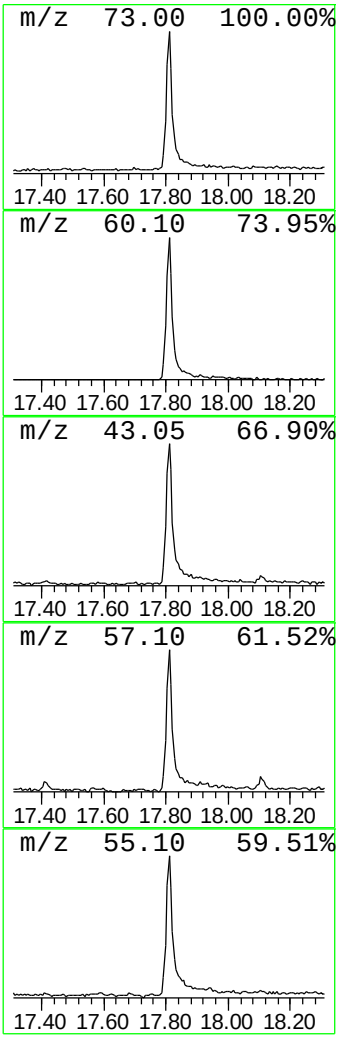
Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.48 ng/ul	753145	Phenanthrene-d10	16.89

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

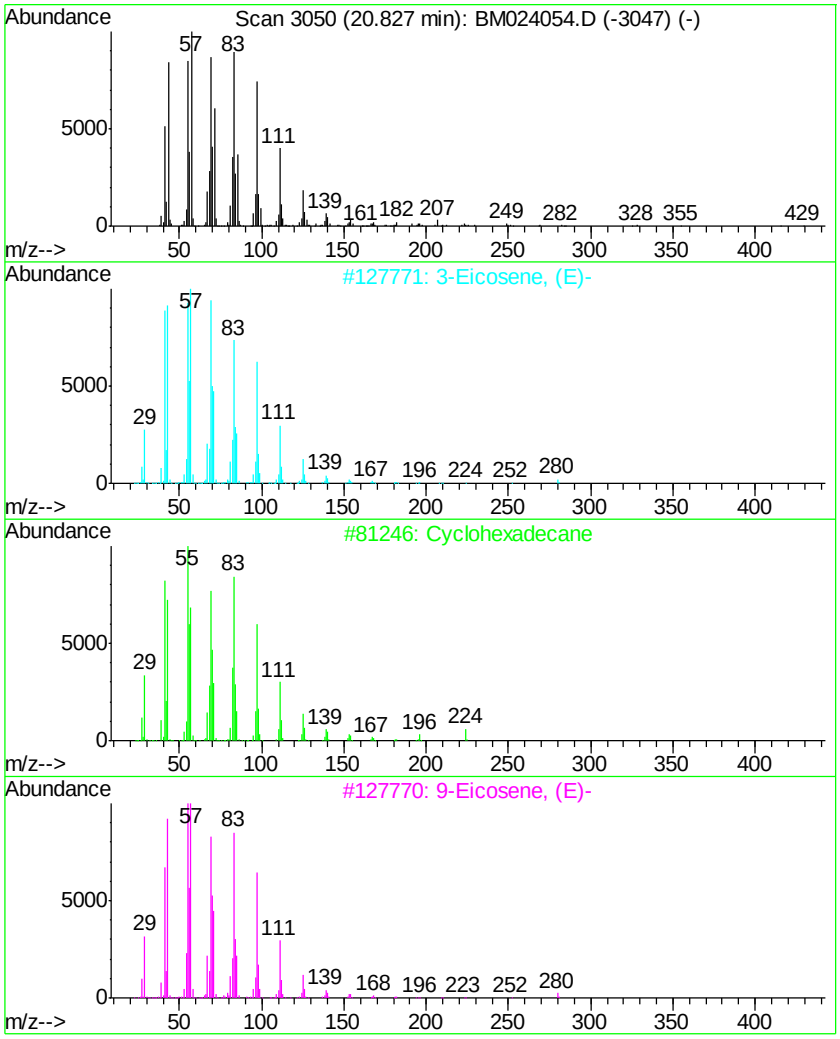
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

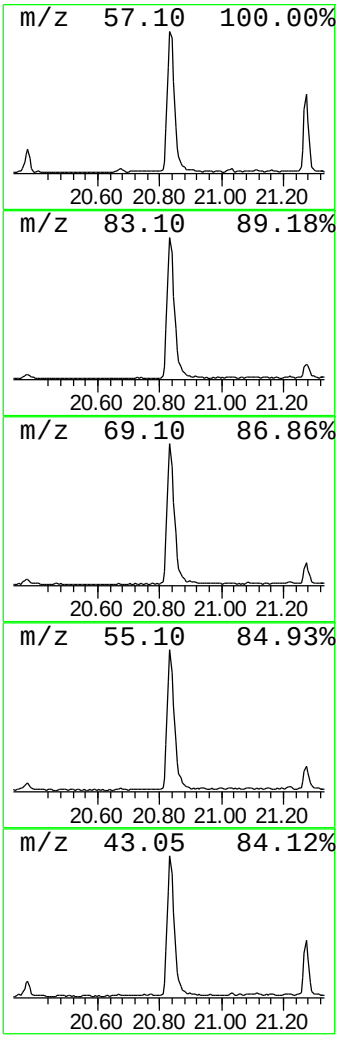
****

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.18 ng/ul	1666850	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

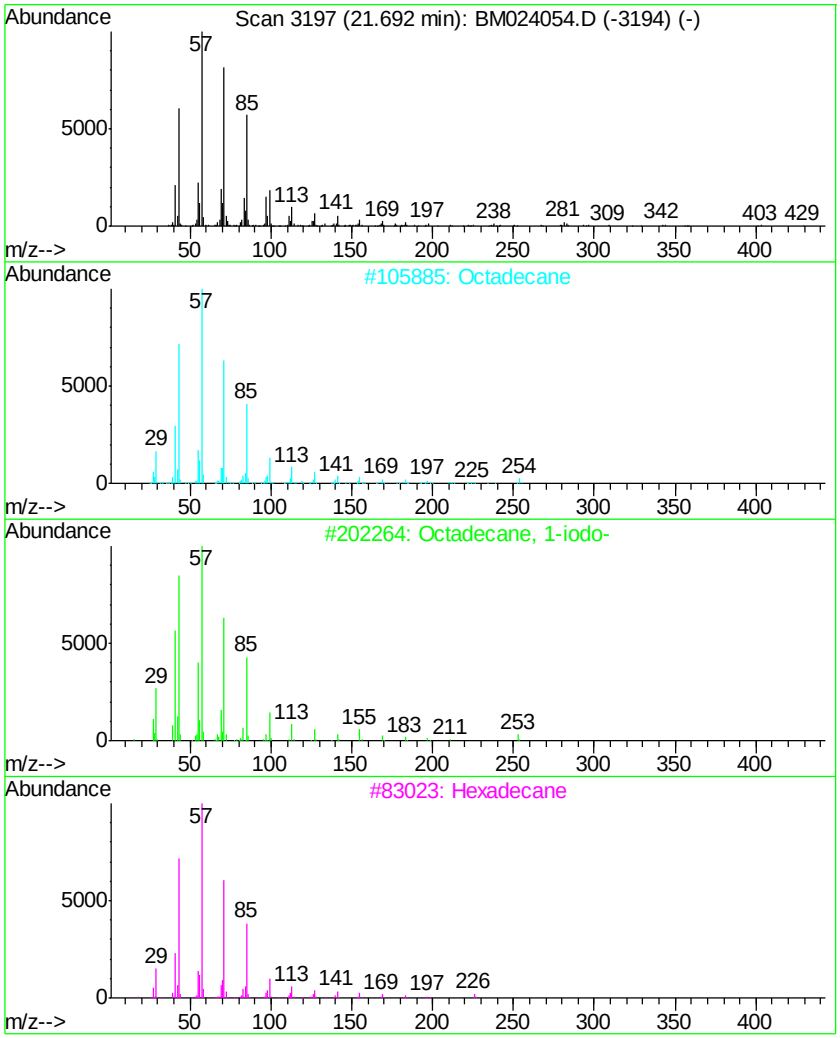
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

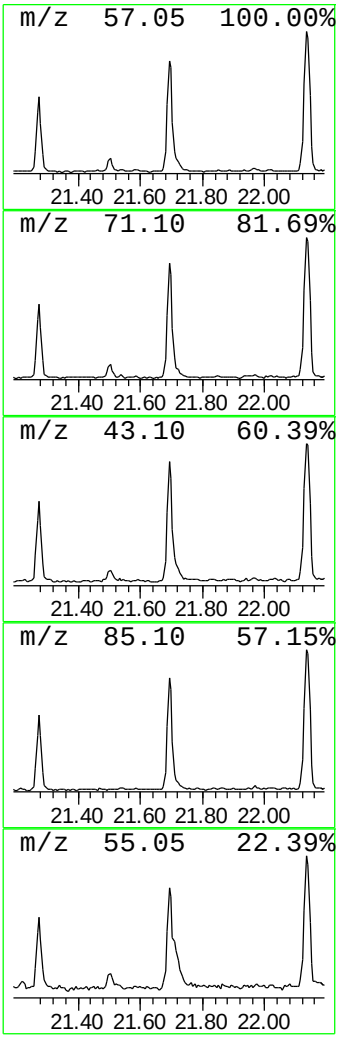
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.35 ng/ul	633783	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

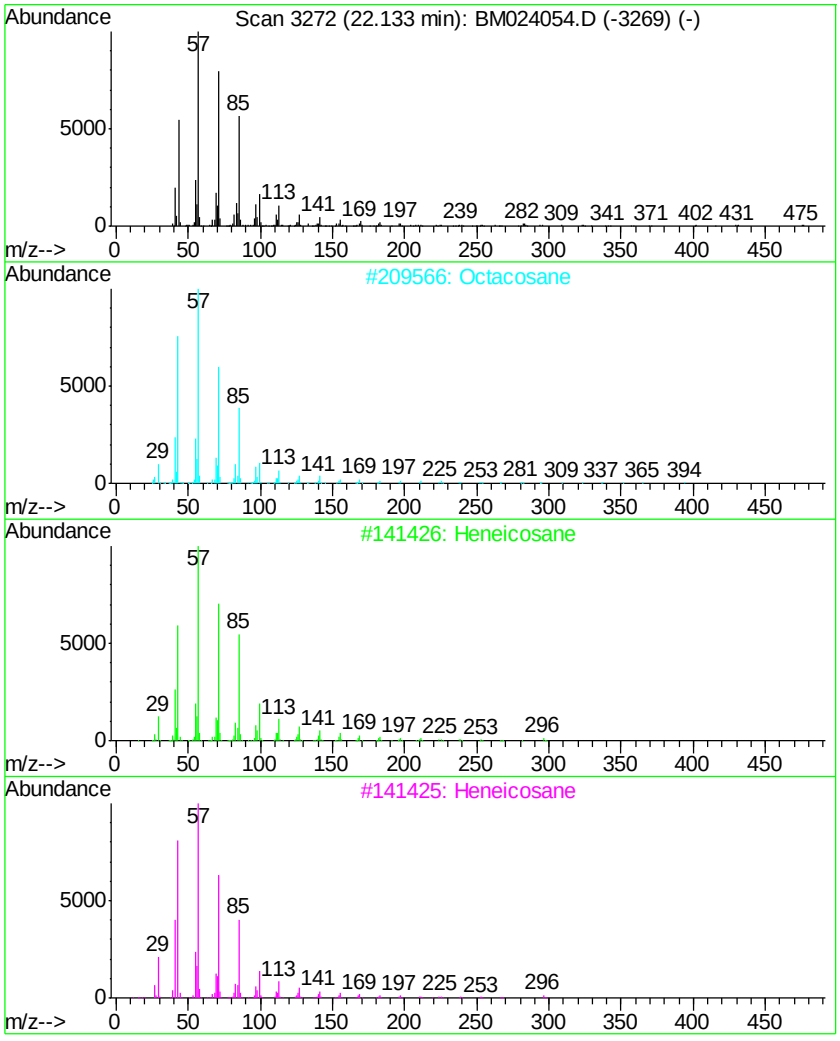
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

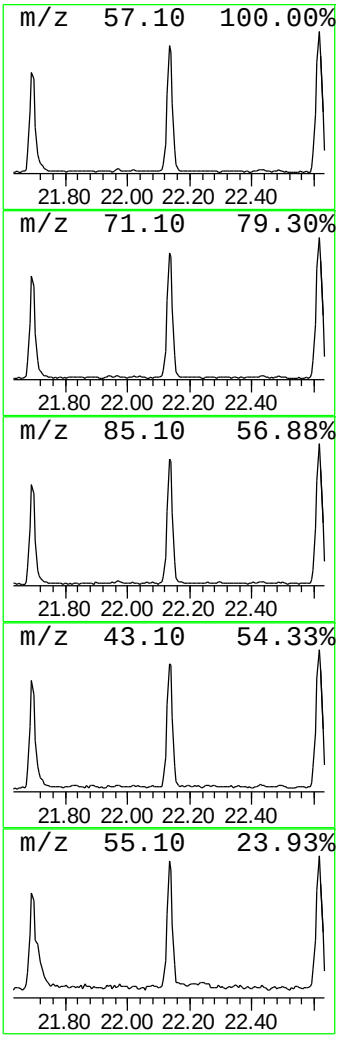
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.50 ng/ul	674251	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

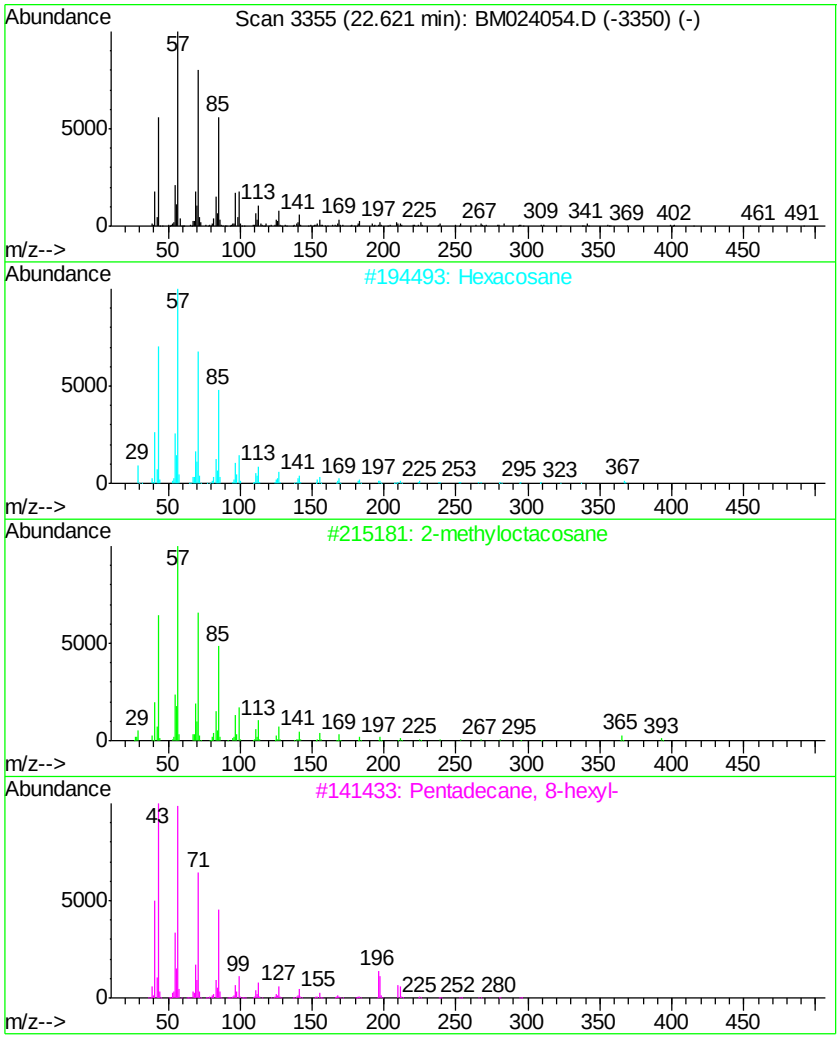
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

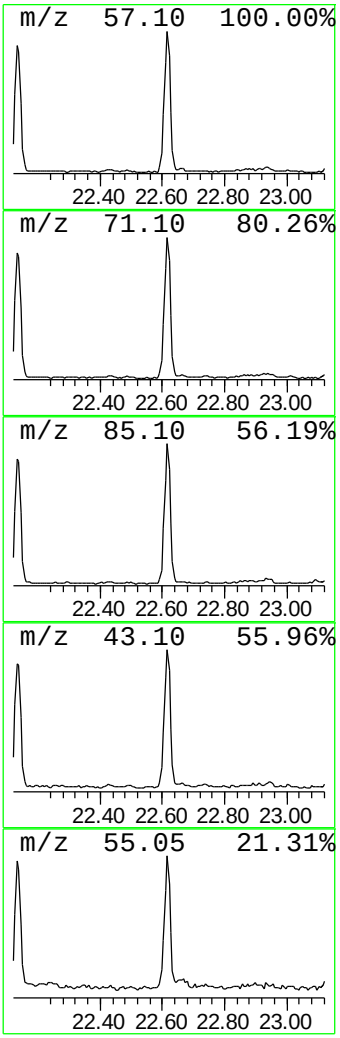
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	3.21 ng/ul	788037	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

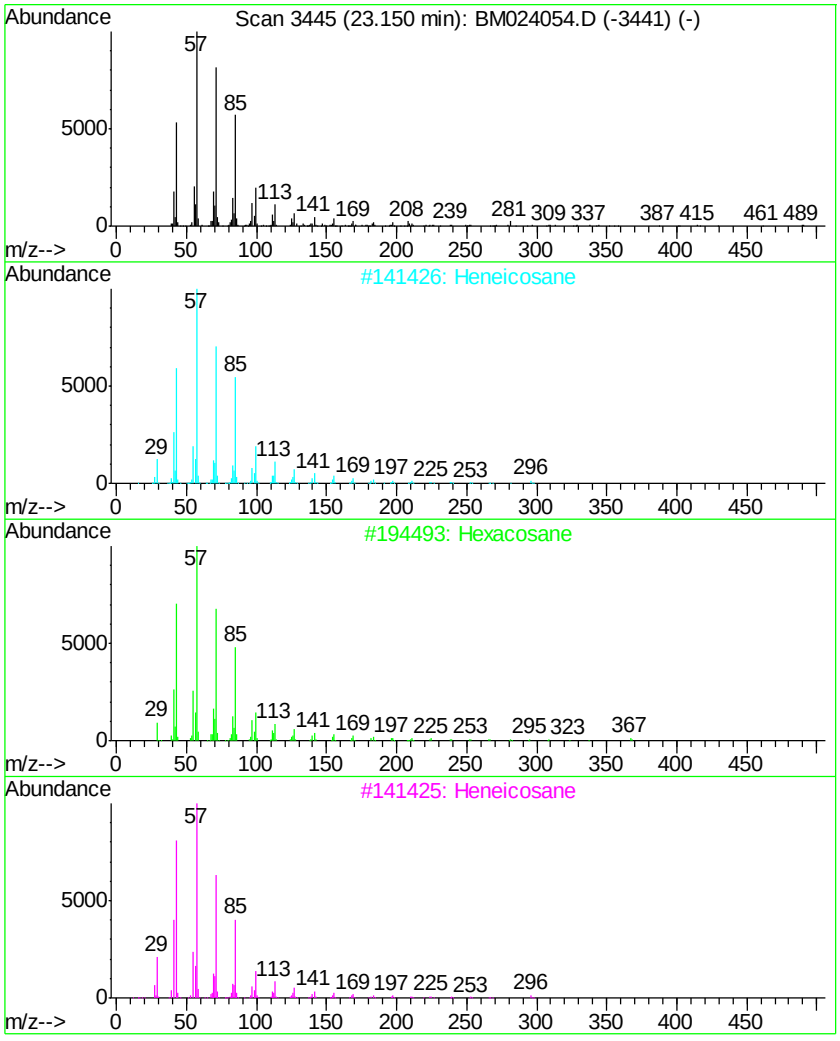
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

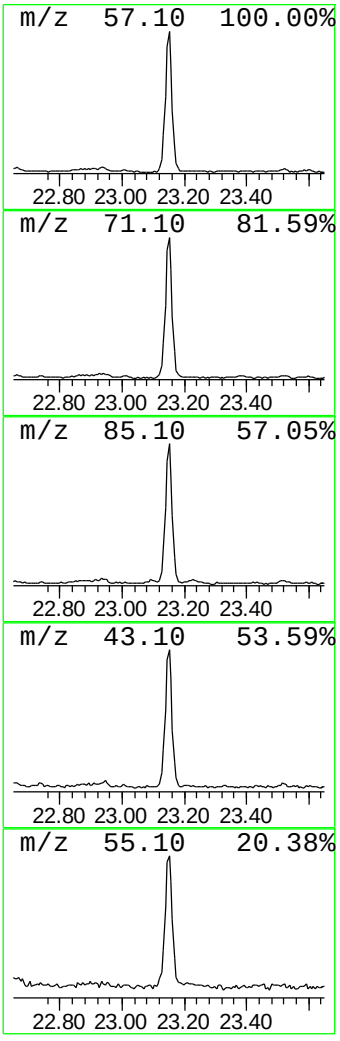
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.88 ng/ul	953273	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

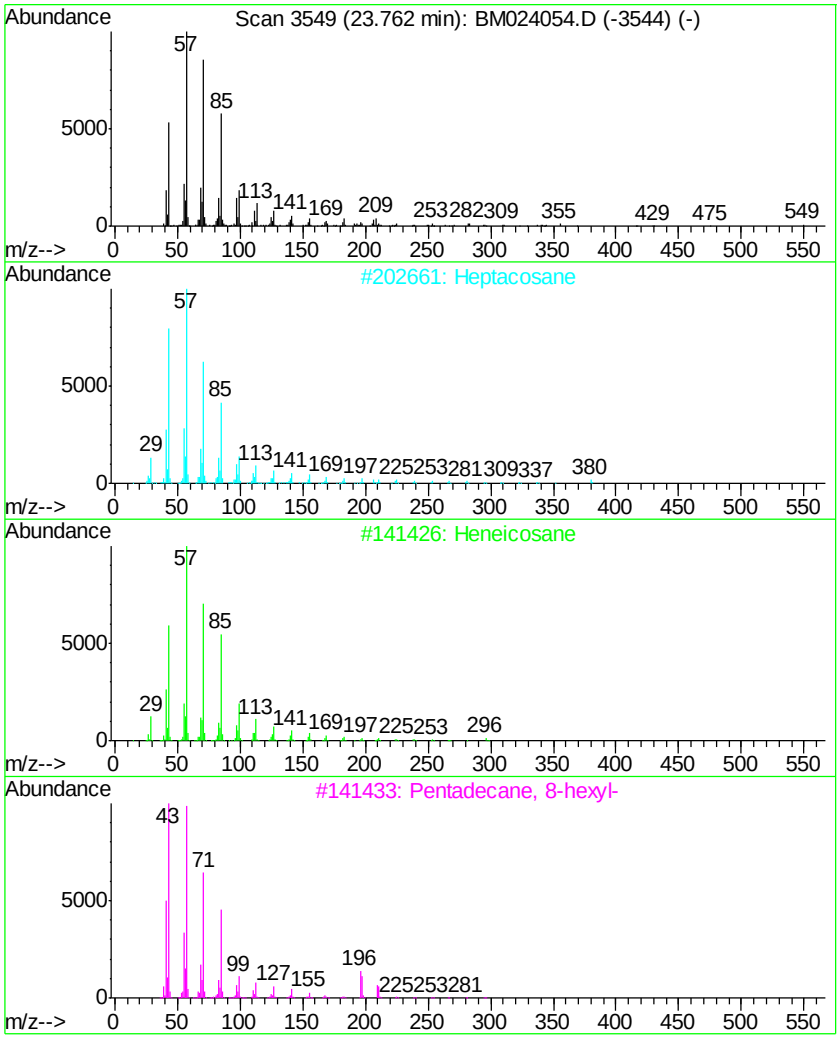
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

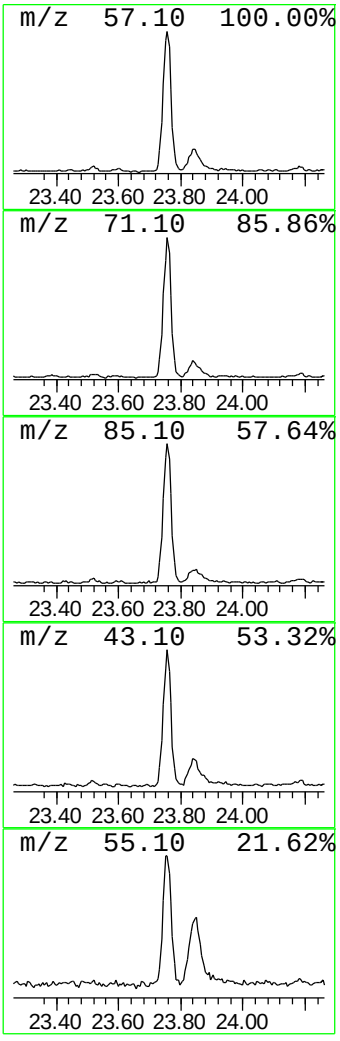
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	3.15 ng/ul	773727	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Hexadecane	226	C16H34	000544-76-3	83
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024054.D
Acq On : 12 Dec 2019 12:23
Operator : JU
Sample : K6088-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
n-Hexadecanoic acid	17.81	2.5	ng/ul	753145	4	16.89	6064000	20.0
(DEL) Alkane: Cyc...	20.83	6.2	ng/ul	1666850	5	21.09	5396150	20.0
(DEL) Alkane: Str...	21.69	2.4	ng/ul	633783	5	21.09	5396150	20.0
(DEL) Alkane: Str...	22.13	2.5	ng/ul	674251	5	21.09	5396150	20.0
(DEL) Alkane: Str...	22.62	3.2	ng/ul	788037	6	23.23	4911530	20.0
(DEL) Alkane: Str...	23.15	3.9	ng/ul	953273	6	23.23	4911530	20.0
(DEL) Alkane: Str...	23.76	3.1	ng/ul	773727	6	23.23	4911530	20.0