LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	3.512	110	115	120	rVB8	17858	33115	0.72%	0.083%
2	3.724	150	151	158	rBV3	6812	8140	0.18%	0.020%
3	4.159	220	225	227	rBV4	8268	11148	0.24%	0.028%
4	4.241	237	239	242	rVB3	6873	7928	0.17%	0.020%
5	4.282	243	246	248	rVB3	8886	9604	0.21%	0.024%
6	4.306	248	250	252	rBV3	8845	7463	0.16%	0.019%
7	4.858	337	344	347	rVB6	8370	16565	0.36%	0.042%
8	4.923	353	355	361	rBV4	5129	8034	0.18%	0.020%
9	6.415	606	609	613	rVB3	5918	9079	0.20%	0.023%
10	7.337	754	766	785	rBV3	346862	872311	19.03%	2.191%
11	7.490	785	792	803	rVB	264069	489102	10.67%	1.229%
12	7.572	805	806	812	rVB5	5874	9431	0.21%	0.024%
13	7.619	812	814	819	rBV3	5916	9300	0.20%	0.023%
14	7.708	820	829	843	rVV	339062	658575	14.37%	1.654%
15	8.178	901	909	920	rBV2	236138	442338	9.65%	1.111%
16	8.489	957	962	966	rVB2	4423	9695	0.21%	0.024%
17	8.630	984	986	989	rBV2	6305	7664	0.17%	0.019%
18	8.894	1022	1031	1050	rBV	434102	912000	19.90%	2.291%
19	9.276	1091	1096	1098	rVB4	5424	7584	0.17%	0.019%
20	9.359	1104	1110	1125	rBV2	389332	773414	16.87%	1.943%
21	9.670	1159	1163	1170	rBV6	15639	28342	0.62%	0.071%
22	10.087	1223	1234	1247	rBV3	365717	728445	15.89%	1.830%
23	10.634	1319	1327	1345	rBV	456001	990365	21.61%	2.488%
24	10.998	1383	1389	1398	rBV	366129	678945	14.81%	1.705%
25	11.151	1407	1415	1437	rBV	556431	1244375	27.15%	3.126%
26	11.603	1490	1492	1500	rVB4	4596	8717	0.19%	0.022%
27	11.779	1516	1522	1528	rVB5	6643	17908	0.39%	0.045%
28	11.885	1536	1540	1547	rBV6	4572	7657	0.17%	0.019%
29	11.985	1552	1557	1559	rBV4	6347	10770	0.23%	0.027%
30	12.355	1616	1620	1624	rBV6	4474	7542	0.16%	0.019%
31	12.449	1631	1636	1639	rBV4	7614	11440	0.25%	0.029%
32	12.608	1655	1663	1669	rBV8	9766	21315	0.47%	0.054%
33	13.148	1751	1755	1762	rVB8	8873	15694	0.34%	0.039%
34	13.383	1788	1795	1798	rBV6	6908	14494	0.32%	0.036%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

35	13.577	1826	1828	1836	rVB4	7713	16228	0.35%	0.041%
36	13.659	1836	1842	1844	rBV6	9013	16315	0.36%	0.041%
37	14.106	1910	1918	1921	rBV7	4439	8238	0.18%	0.021%
38	14.200	1927	1934	1939	rBV	975195	1500365	32.74%	3.769%
39	14.247	1939	1942	1953	rVB	143006	232000	5.06%	0.583%
40	14.505	1978	1986	1996	rBV	1123185	1770380	38.63%	4.447%
41	14.647	2004	2010	2015	rVB3	26082	40919	0.89%	0.103%
42	14.723	2015	2023	2027	rBV5	7405	16720	0.36%	0.042%
43	14.805	2027	2037	2050	rVB	616705	1052327	22.96%	2.643%
44	14.899	2050	2053	2057	rBV5	5408	10143	0.22%	0.025%
45	14.976	2062	2066	2068	rBV5	8225	8315	0.18%	0.021%
46	15.052	2071	2079	2092	rBV3	198253	567179	12.37%	1.425%
47	15.252	2111	2113	2121	rVB8	10803	20676	0.45%	0.052%
48	15.334	2121	2127	2130	rVB7	7583	15623	0.34%	0.039%
49	15.481	2147	2152	2155	rBV6	8834	15725	0.34%	0.039%
50	15.557	2160	2165	2166	rBV4	4894	7937	0.17%	0.020%
51	15.592	2166	2171	2178	rVB	72946	94991	2.07%	0.239%
52	15.669	2178	2184	2186	rBV5	10012	16385	0.36%	0.041%
53	15.798	2197	2206	2216	rBV	1413593	2270449	49.54%	5.703%
54	15.886	2219	2221	2225	rVB4	8498	10546	0.23%	0.026%
55	15.945	2225	2231	2244	rBV	354486	732312	15.98%	1.839%
56	16.033	2244	2246	2253	rVB4	27436	41015	0.89%	0.103%
57	16.145	2262	2265	2267	rBV4	8704	9972	0.22%	0.025%
58	16.215	2273	2277	2281	rBV5	9757	12743	0.28%	0.032%
59	16.274	2286	2287	2290	rBV3	8468	7567	0.17%	0.019%
60	16.397	2304	2308	2313	rVB8	7482	9873	0.22%	0.025%
61	16.450	2313	2317	2326	rBV2	77235	140309	3.06%	0.352%
62	16.580	2336	2339	2342	rBV5	6944	8317	0.18%	0.021%
63	16.726	2359	2364	2371	rBV10	9819	23707	0.52%	0.060%
64	16.791	2372	2375	2379	rBV4	10168	14677	0.32%	0.037%
65	16.856	2382	2386	2388	rVB3	12526	14262	0.31%	0.036%
66	17.026	2412	2415	2420	rVB4	9883	15371	0.34%	0.039%
67	17.073	2420	2423	2427	rBV6	9683	12432	0.27%	0.031%
68	17.138	2429	2434	2438	rBV7	12626	21364	0.47%	0.054%
69	17.243	2446	2452	2456	rBV	62977	85811	1.87%	0.216%
70	17.296	2458	2461	2465	rVB3	12917	16372	0.36%	0.041%
71	17.343	2466	2469	2473	rVB4	6868	9352	0.20%	0.023%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

72	17.414	2476	2481	2486	rVB7	8334	16860	0.37%	0.042%
73	17.555	2497	2505	2515	rBV	833519	1321237	28.83%	3.319%
74	17.655	2515	2522	2539	rVB2	1562813	2543122	55.49%	6.388%
75	17.860	2553	2557	2560	rVB7	6948	11812	0.26%	0.030%
76	17.907	2560	2565	2570	rBV8	10938	23197	0.51%	0.058%
77	17.984	2574	2578	2583	rBV2	24120	30578	0.67%	0.077%
78	18.272	2626	2627	2630	rVB3	9046	7473	0.16%	0.019%
79	18.395	2643	2648	2660	rBV7	52046	116607	2.54%	0.293%
80	18.477	2660	2662	2666	rVB4	8064	11188	0.24%	0.028%
81	18.577	2674	2679	2683	rBV5	27688	31439	0.69%	0.079%
82	18.706	2699	2701	2704	rVB3	10108	7792	0.17%	0.020%
83	18.800	2713	2717	2720	rBV6	9564	12642	0.28%	0.032%
84	18.977	2743	2747	2751	rBV6	7672	14991	0.33%	0.038%
85	19.570	2844	2848	2852	rVB	27260	41453	0.90%	0.104%
86	19.658	2857	2863	2866	rBV6	17373	33892	0.74%	0.085%
87	19.793	2879	2886	2896	rVB	3810649	4583356	100.00%	11.513%
88	19.934	2902	2910	2919	rBV	1910669	2967834	64.75%	7.455%
89	20.399	2984	2989	2990	rBV5	15763	22065	0.48%	0.055%
90	20.828	3057	3062	3071	rVB	3373625	3718593	81.13%	9.341%
91	21.415	3157	3162	3171	rBV8	74394	189972	4.14%	0.477%
92	21.844	3229	3235	3249	rBV	857137	1599860	34.91%	4.019%
93	22.102	3276	3279	3284	rVB4	31220	48758	1.06%	0.122%
94	23.289	3478	3481	3493	rVB9	50047	105502	2.30%	0.265%
95	24.124	3617	3623	3630	rVB5	68856	134358	2.93%	0.337%
96	25.005	3761	3773	3784	rBV2	930958	2941877	64.19%	7.390%
97	25.099	3785	3789	3797	rVB5	94822	223313	4.87%	0.561%
98	25.234	3802	3812	3827	rVB2	472968	1499305	32.71%	3.766%
99	26.268	3980	3988	3999	rVB3	88283	273766	5.97%	0.688%
100	27.661	4219	4225	4238	rVB5	90611	322535	7.04%	0.810%

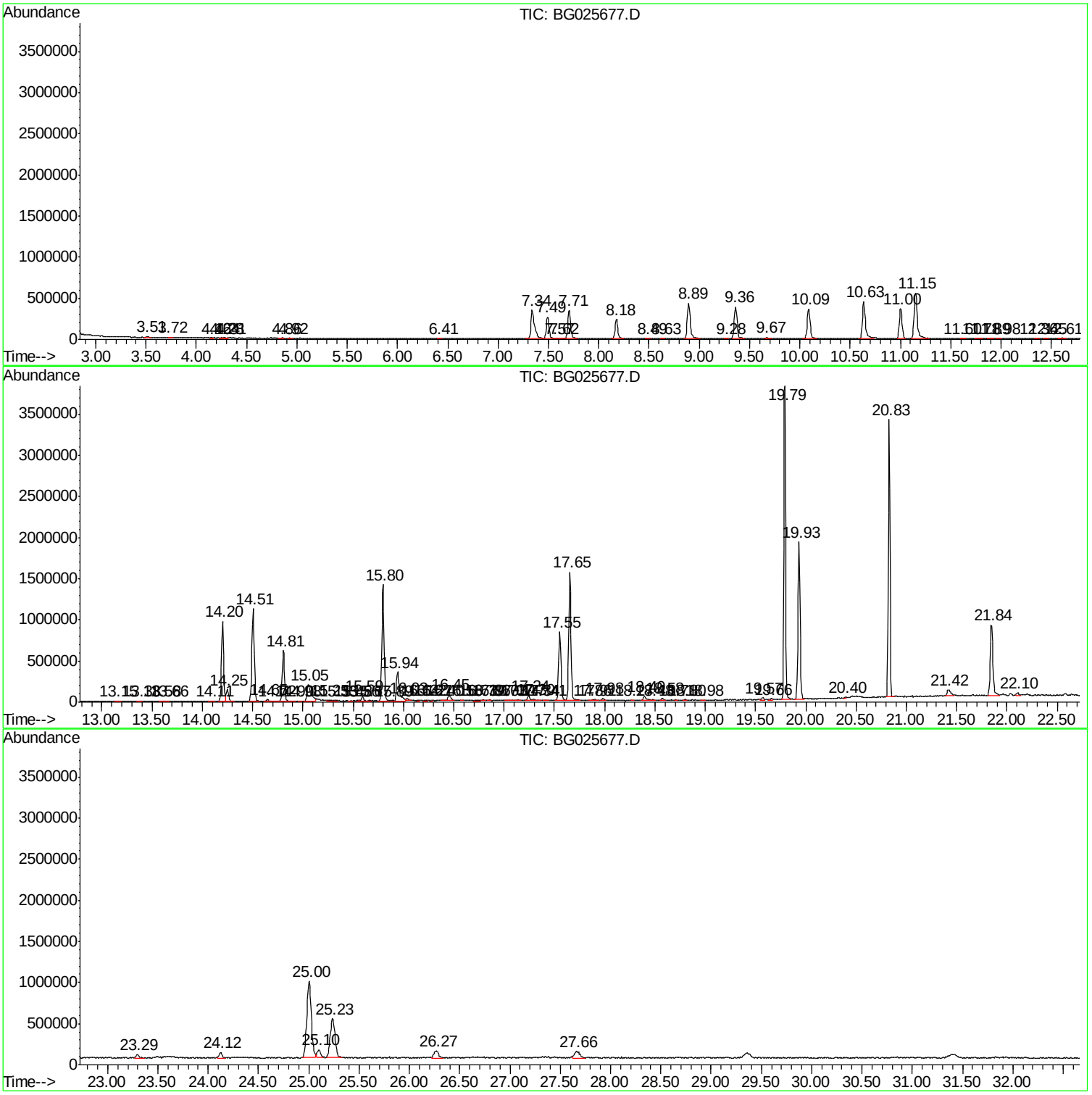
Sum of corrected areas: 39810793

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

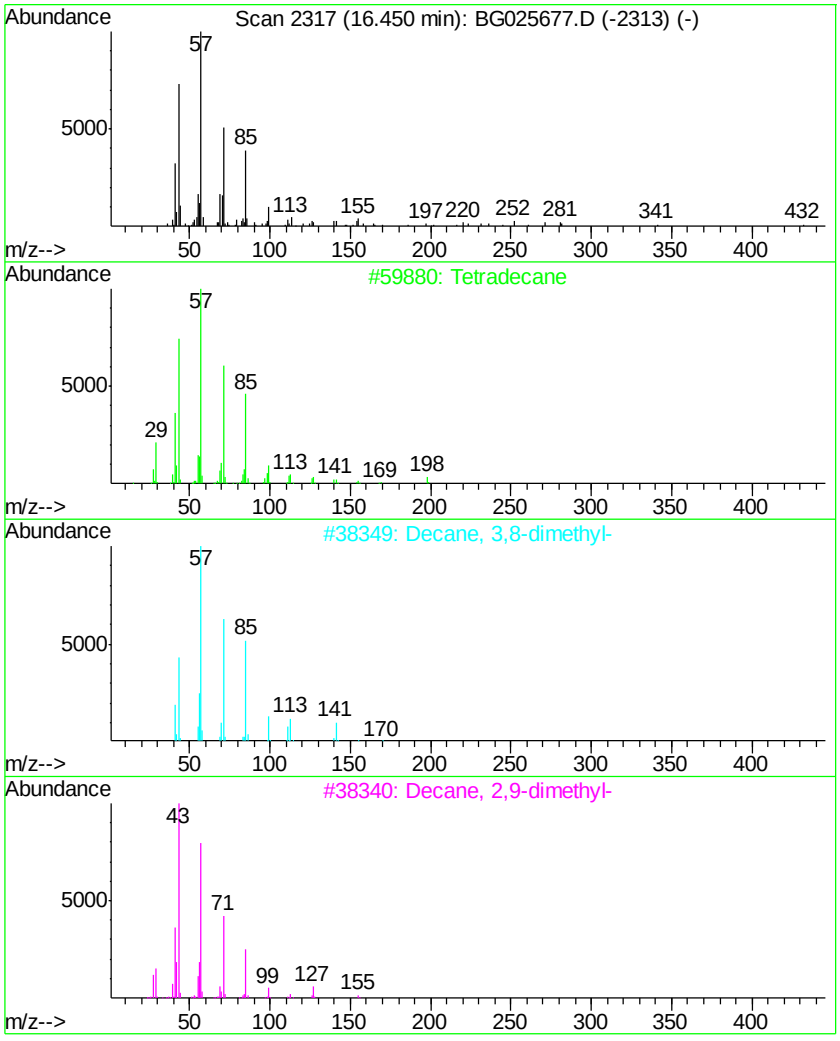
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

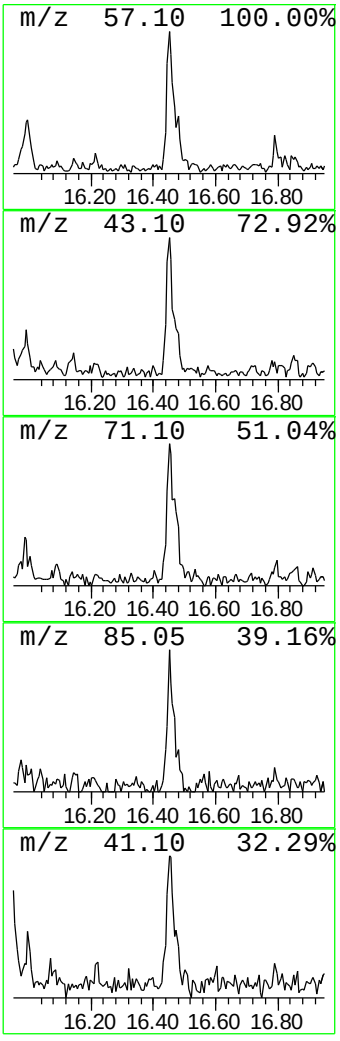
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.12 ng/ul	140309	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

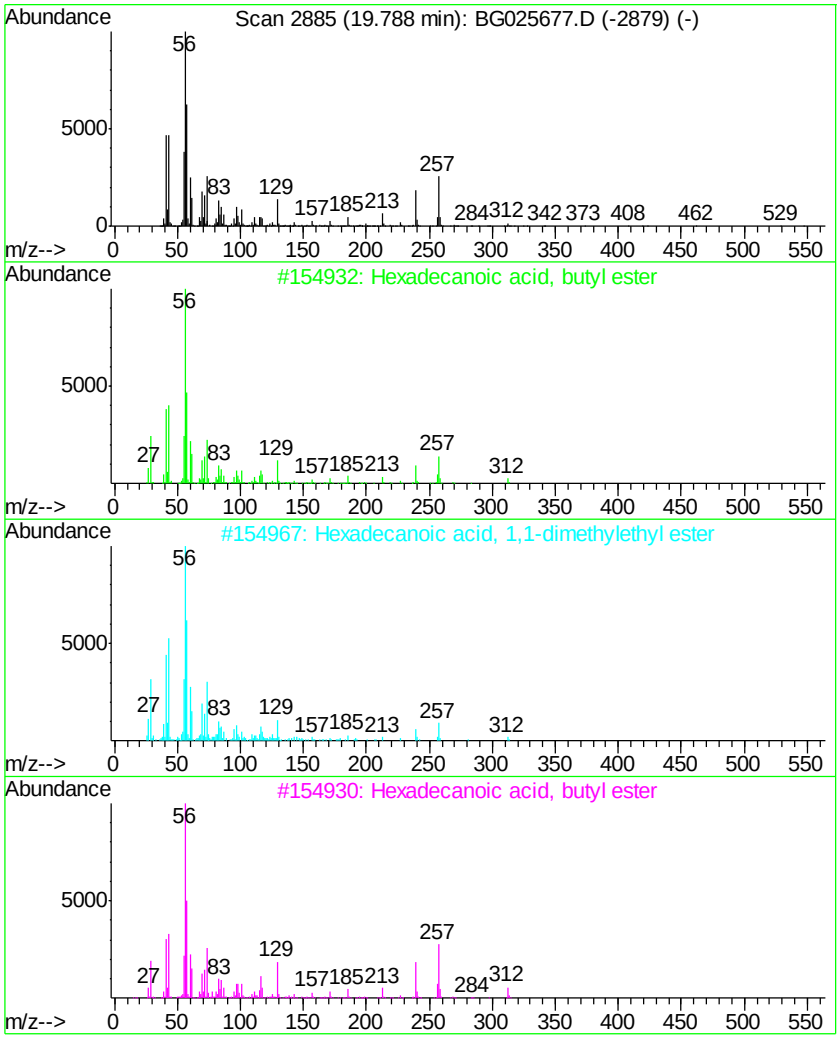
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

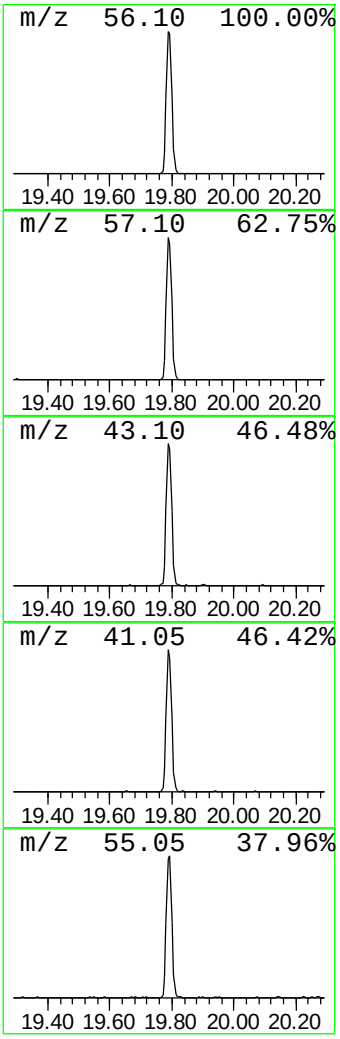
****

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	57.30 ng/ul	4583360	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

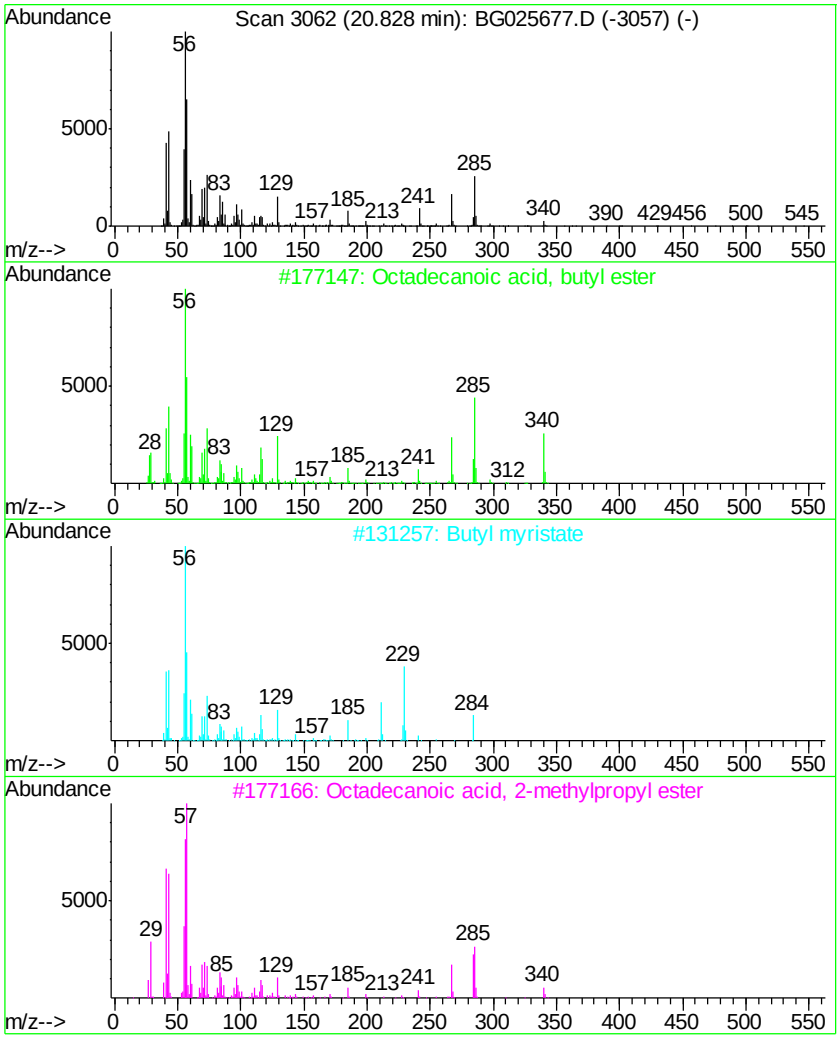
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

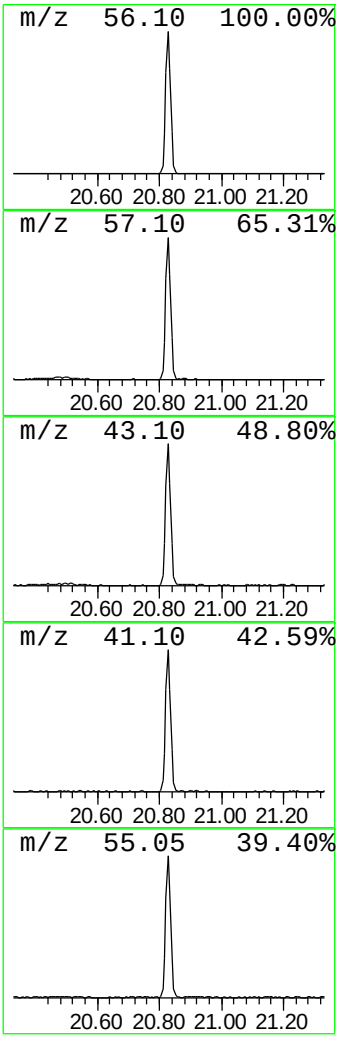
****

Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	46.49 ng/ul	3718590	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	50
4	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	38
5	Chloromethyl 2-chloroundecanoate	268	C12H22Cl2O2	080418-88-8	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

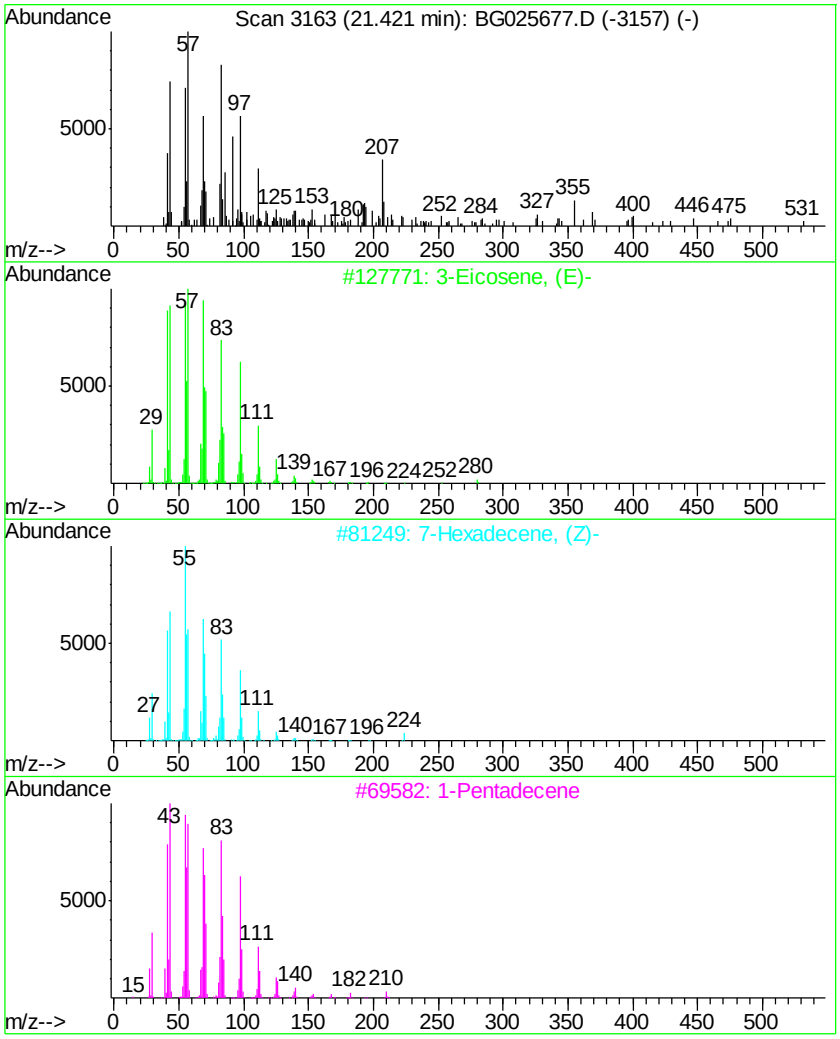
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

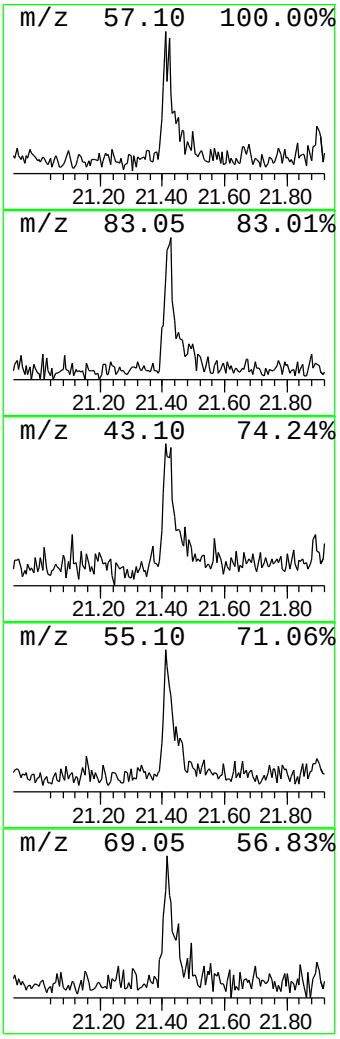
****

Peak Number 4 (DEL) Alkane: Cyclic21.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.37 ng/ul	189972	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	87
3	1-Pentadecene	210	C15H30	013360-61-7	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

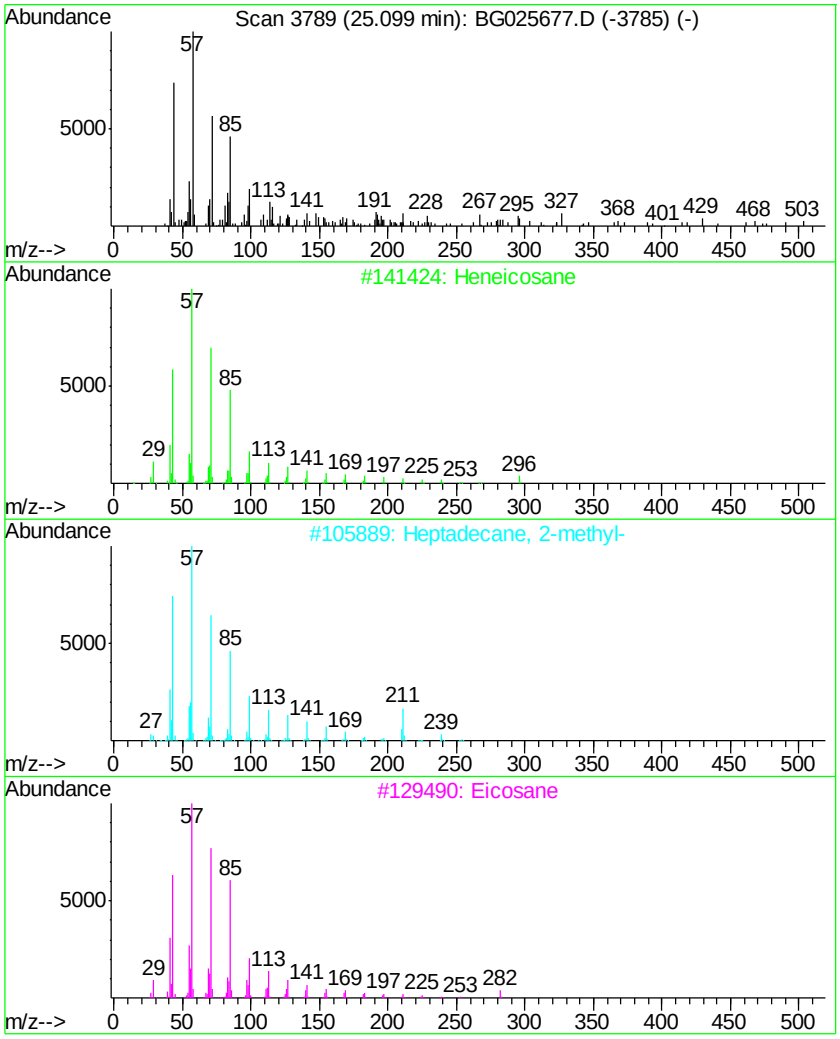
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

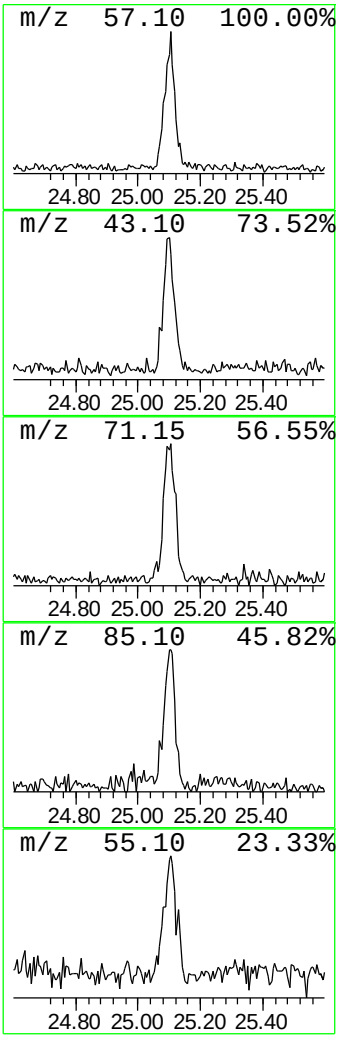
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.98 ng/ul	223313	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Eicosane	282	C20H42	000112-95-8	81
4	2-methylhexacosane	380	C27H56	1000376-72-7	74
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

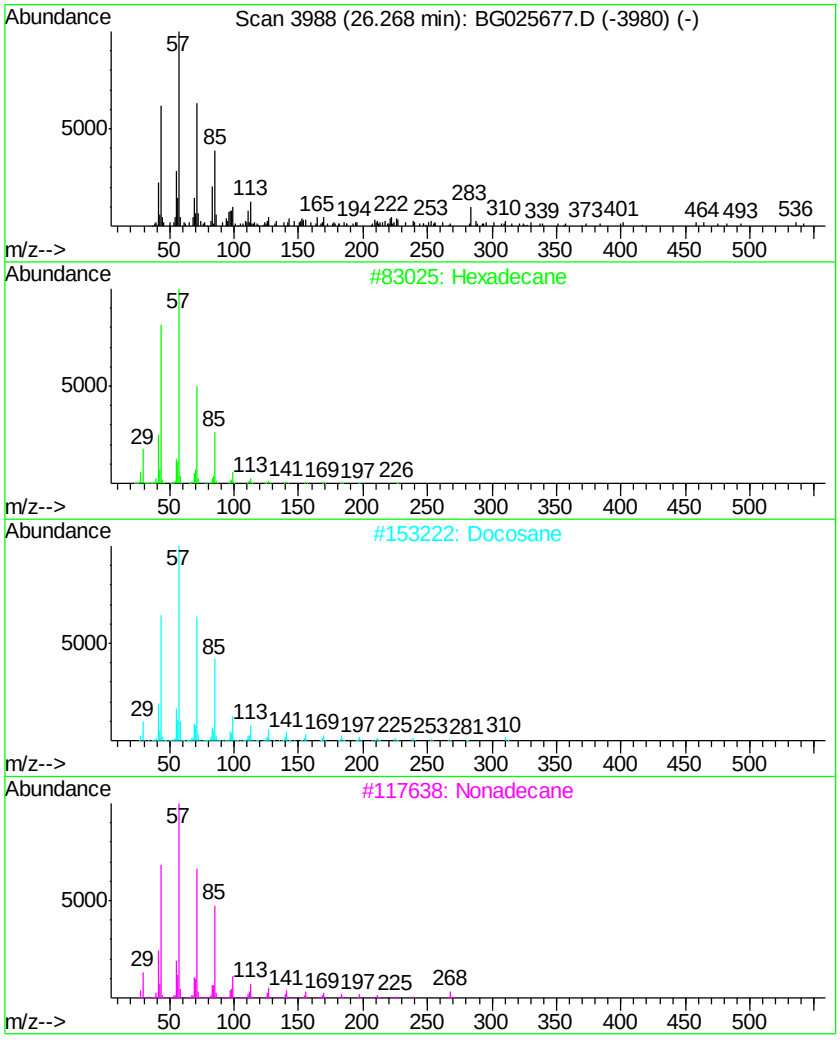
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

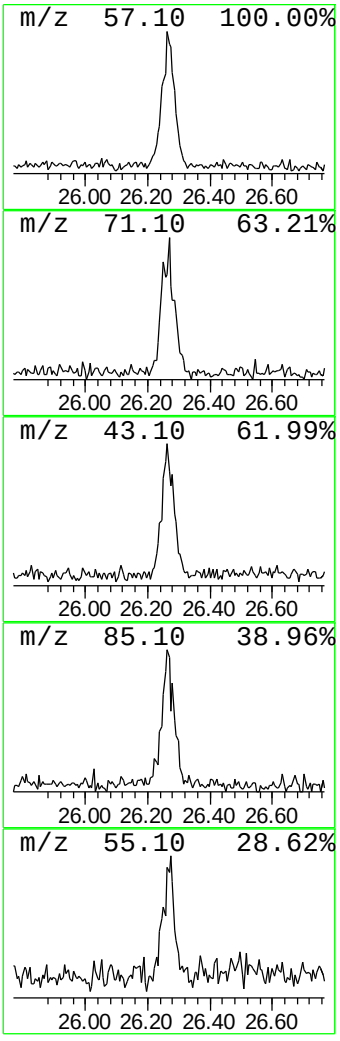
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	3.65 ng/ul	273766	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Docosane	310	C22H46	000629-97-0	81
3	Nonadecane	268	C19H40	000629-92-5	74
4	Hexadecane	226	C16H34	000544-76-3	74
5	Pentadecane	212	C15H32	000629-62-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

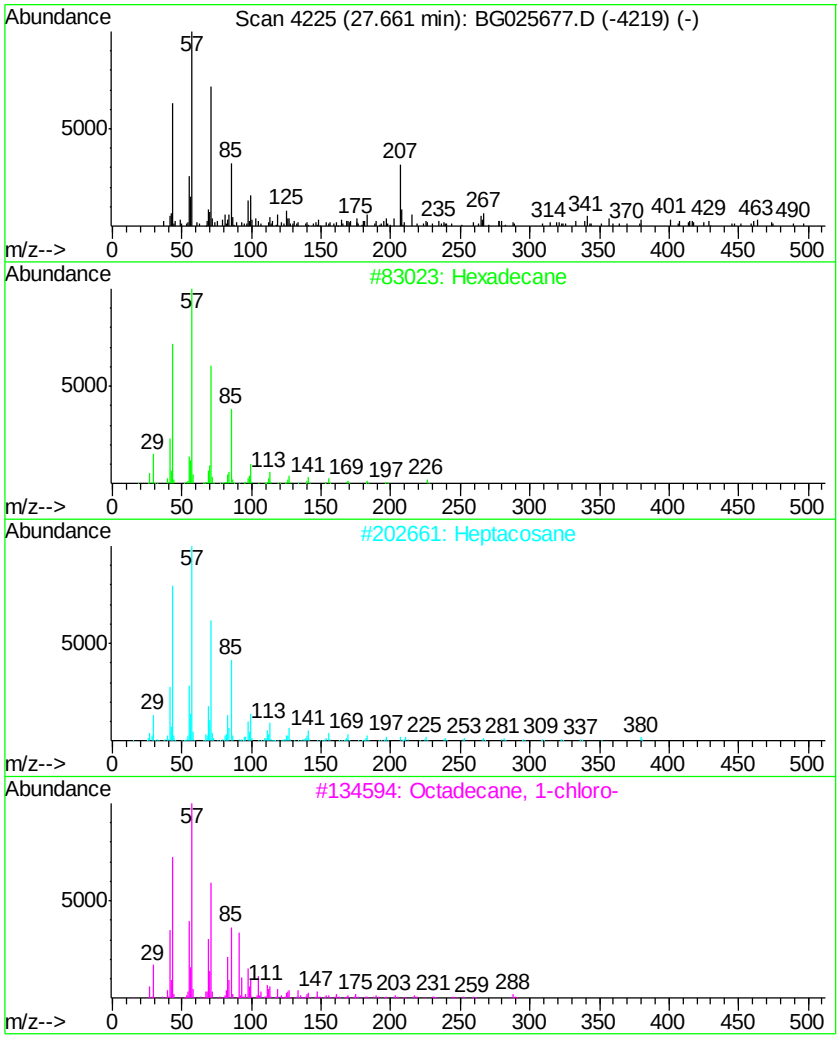
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

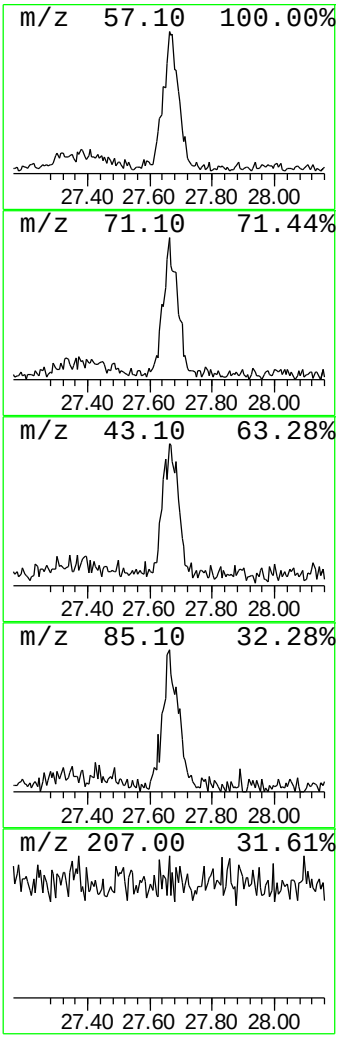
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.66	4.30 ng/ul	322535	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Heptacosane	380	C27H56	000593-49-7	49
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
4	Heptacosane	380	C27H56	000593-49-7	49
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025677.D
Acq On : 26 Jan 2017 21:51
Operator : SJ/MA
Sample : I1425-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDP95

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
(DEL) Alkane: Str...	16.45	2.1	ng/ul	140309	4	17.55	1321240	20.0
Hexadecanoic acid...	19.79	57.3	ng/ul	4583360	5	21.84	1599860	20.0
Octadecanoic acid...	20.83	46.5	ng/ul	3718590	5	21.84	1599860	20.0
(DEL) Alkane: Cyc...	21.42	2.4	ng/ul	189972	5	21.84	1599860	20.0
(DEL) Alkane: Str...	25.10	3.0	ng/ul	223313	6	25.24	1499310	20.0
(DEL) Alkane: Str...	26.27	3.6	ng/ul	273766	6	25.24	1499310	20.0
(DEL) Alkane: Str...	27.66	4.3	ng/ul	322535	6	25.24	1499310	20.0