LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

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\SOM-EPA-BG080217.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	3.838	38	42	50	rVB5	7836	13765	0.87%	0.086%
2	3.955	60	62	66	rVB3	2021	2076	0.13%	0.013%
3	4.249	109	112	117	rBV4	1626	3127	0.20%	0.020%
4	4.772	197	201	209	rVB5	4210	7252	0.46%	0.046%
5	4.831	209	211	217	rVB2	1911	2614	0.17%	0.016%
6	4.930	227	228	235	rBV3	1807	2776	0.18%	0.017%
7	5.160	264	267	274	rVB4	1543	2792	0.18%	0.018%
8	5.348	293	299	303	rVB4	1748	3055	0.19%	0.019%
9	5.647	345	350	354	rBV2	1684	3235	0.21%	0.020%
10	5.935	393	399	402	rVB	1327	2234	0.14%	0.014%
11	6.053	413	419	421	rBV	2255	3780	0.24%	0.024%
12	6.846	549	554	557	rBV3	1485	2126	0.14%	0.013%
13	6.916	564	566	571	rBV2	1441	2224	0.14%	0.014%
14	7.263	622	625	633	rVB2	1255	3169	0.20%	0.020%
15	7.339	633	638	641	rBV2	2192	3522	0.22%	0.022%
16	7.498	651	665	683	rBV	115598	229333	14.57%	1.439%
17	7.668	686	694	707	rVB	89242	148637	9.44%	0.933%
18	7.886	720	731	742	rBV2	113249	206356	13.11%	1.295%
19	8.221	785	788	793	rBV3	1470	2333	0.15%	0.015%
20	8.356	801	811	820	rBV	137272	245995	15.63%	1.544%
21	8.708	863	871	874	rBV2	1492	2888	0.18%	0.018%
22	9.043	916	928	940	rBV	146132	275279	17.49%	1.728%
23	9.343	974	979	983	rVB3	1377	2596	0.16%	0.016%
24	9.443	989	996	999	rBV2	1290	2312	0.15%	0.015%
25	9.519	999	1009	1018	rBV	117802	221830	14.09%	1.392%
26	10.242	1124	1132	1144	rVB	98372	191528	12.17%	1.202%
27	10.788	1213	1225	1237	rBV2	144737	287435	18.26%	1.804%
28	11.170	1281	1290	1301	rVB	194225	370696	23.55%	2.327%
29	11.305	1301	1313	1325	rBV	138318	277959	17.66%	1.745%
30	11.388	1326	1327	1336	rVV3	2466	4110	0.26%	0.026%
31	11.446	1336	1337	1344	rVB3	1318	2182	0.14%	0.014%
32	12.627	1534	1538	1544	rVB2	1062	2378	0.15%	0.015%
33	13.556	1692	1696	1700	rBV2	2017	2398	0.15%	0.015%
34	13.826	1738	1742	1746	rBV2	1920	3285	0.21%	0.021%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	14.020	1770	1775	1778	rBV3	1822	2401	0.15%	0.015%
36	14.349	1824	1831	1836	rBV	350952	530784	33.72%	3.332%
37	14.390	1836	1838	1846	rVB	32330	45618	2.90%	0.286%
38	14.654	1873	1883	1894	rBV	366620	599653	38.10%	3.764%
39	14.737	1894	1897	1904	rVB2	1156	2552	0.16%	0.016%
40	14.825	1908	1912	1915	rVB3	1838	2451	0.16%	0.015%
41	14.960	1928	1935	1945	rVB3	355087	583283	37.06%	3.661%
42	15.148	1959	1967	1988	rBV2	107738	265522	16.87%	1.667%
43	15.389	2006	2008	2019	rVB6	2039	4638	0.29%	0.029%
44	15.765	2067	2072	2076	rVB4	4391	7200	0.46%	0.045%
45	15.947	2095	2103	2111	rBV	528496	838263	53.26%	5.261%
46	16.059	2115	2122	2136	rBV2	190071	300870	19.12%	1.888%
47	16.188	2139	2144	2152	rVB3	6686	11693	0.74%	0.073%
48	16.264	2154	2157	2159	rBV2	2257	2140	0.14%	0.013%
49	16.346	2167	2171	2174	rVB3	1494	2286	0.15%	0.014%
50	16.388	2174	2178	2180	rBV	1762	2489	0.16%	0.016%
51	16.623	2211	2218	2228	rVB3	4323	11767	0.75%	0.074%
52	16.693	2228	2230	2233	rBV3	2155	2220	0.14%	0.014%
53	16.787	2244	2246	2250	rBV2	1903	2586	0.16%	0.016%
54	16.899	2263	2265	2271	rVB2	1827	2284	0.15%	0.014%
55	17.146	2302	2307	2309	rBV	1632	2443	0.16%	0.015%
56	17.187	2312	2314	2317	rBV	1892	2280	0.14%	0.014%
57	17.345	2337	2341	2346	rBV3	1098	2340	0.15%	0.015%
58	17.416	2347	2353	2358	rVB4	2183	4545	0.29%	0.029%
59	17.498	2358	2367	2370	rBV5	2029	4806	0.31%	0.030%
60	17.563	2375	2378	2383	rVB3	1532	2757	0.18%	0.017%
61	17.704	2391	2402	2412	rBV	518215	839581	53.35%	5.270%
62	17.804	2412	2419	2429	rBV	620020	990475	62.93%	6.217%
63	18.097	2462	2469	2470	rVB4	1906	3377	0.21%	0.021%
64	18.168	2473	2481	2484	rBV2	1754	3807	0.24%	0.024%
65	18.238	2488	2493	2496	rVB4	1803	2175	0.14%	0.014%
66	18.338	2509	2510	2515	rBV3	2839	3713	0.24%	0.023%
67	18.462	2524	2531	2534	rBV5	3586	6829	0.43%	0.043%
68	18.485	2534	2535	2540	rVV2	2809	2354	0.15%	0.015%
69	18.556	2542	2547	2556	rBV7	19581	38118	2.42%	0.239%
70	18.773	2582	2584	2587	rBV	2370	2576	0.16%	0.016%
71	18.820	2589	2592	2595	rVB3	2822	3121	0.20%	0.020%

LSC Area Percent Report

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Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

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

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Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	18.861	2595	2599	2602	rBV4	3098	4185	0.27%	0.026%
73	19.137	2643	2646	2648	rBV2	1801	2148	0.14%	0.013%
74	19.161	2648	2650	2653	rVB3	3183	2952	0.19%	0.019%
75	19.220	2653	2660	2662	rBV4	3129	5452	0.35%	0.034%
76	19.460	2700	2701	2705	rBV	2999	2531	0.16%	0.016%
77	19.496	2705	2707	2709	rVB3	3026	2450	0.16%	0.015%
78	19.613	2722	2727	2730	rBV3	3626	6024	0.38%	0.038%
79	19.690	2737	2740	2741	rBV3	2878	2747	0.17%	0.017%
80	19.813	2756	2761	2770	rBV6	21624	42546	2.70%	0.267%
81	19.966	2782	2787	2796	rVB8	9986	20760	1.32%	0.130%
82	20.077	2800	2806	2817	rVB	850113	1249632	79.40%	7.843%
83	20.941	2951	2953	2956	rBV3	5590	6672	0.42%	0.042%
84	21.041	2968	2970	2972	rBV3	5596	5589	0.36%	0.035%
85	21.070	2973	2975	2979	rVB5	6662	8915	0.57%	0.056%
86	21.605	3062	3066	3071	rBV8	9643	15356	0.98%	0.096%
87	22.034	3131	3139	3149	rBV	586633	1043991	66.33%	6.553%
88	22.187	3162	3165	3173	rVB9	12053	20270	1.29%	0.127%
89	22.845	3272	3277	3283	rVB3	26340	41731	2.65%	0.262%
90	23.591	3397	3404	3414	rVB2	64970	133903	8.51%	0.840%
91	24.460	3542	3552	3562	rVB	108721	253078	16.08%	1.588%
92	25.301	3682	3695	3713	rBV2	514713	1573865	100.00%	9.879%
93	25.542	3719	3736	3755	rVB3	311353	1433295	91.07%	8.996%
94	26.064	3822	3825	3828	rVB5	5287	5198	0.33%	0.033%
95	26.723	3926	3937	3950	rVB2	168368	546085	34.70%	3.428%
96	28.197	4175	4188	4206	rVB3	175848	676051	42.95%	4.243%
97	29.267	4367	4370	4372	rBV3	4599	4320	0.27%	0.027%
98	29.983	4477	4492	4507	rBV3	134571	577031	36.66%	3.622%
99	30.594	4594	4596	4599	rBV4	4839	6115	0.39%	0.038%
100	32.140	4840	4859	4878	rBV4	103048	566023	35.96%	3.553%

Sum of corrected areas: 15932189

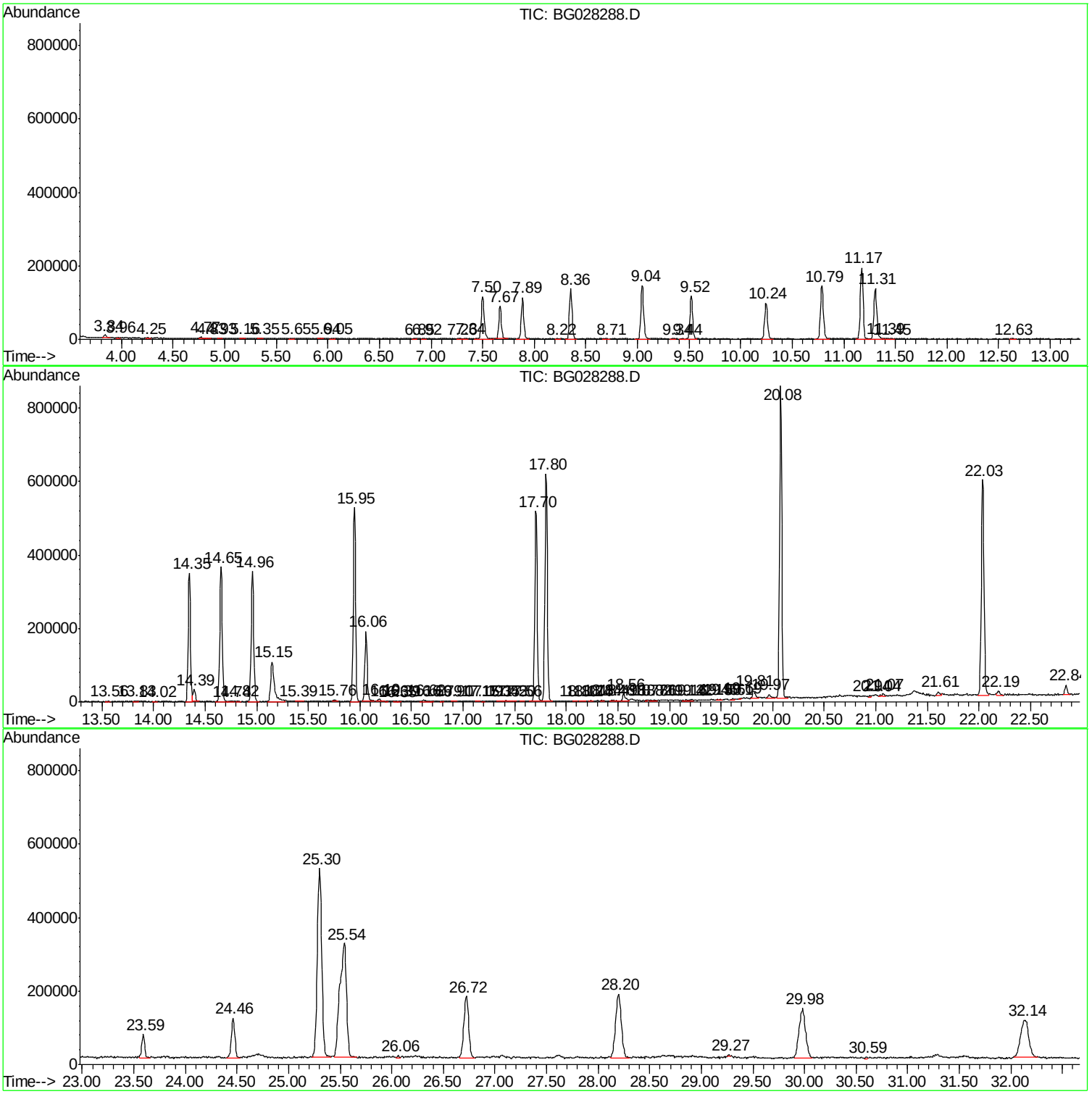
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
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Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

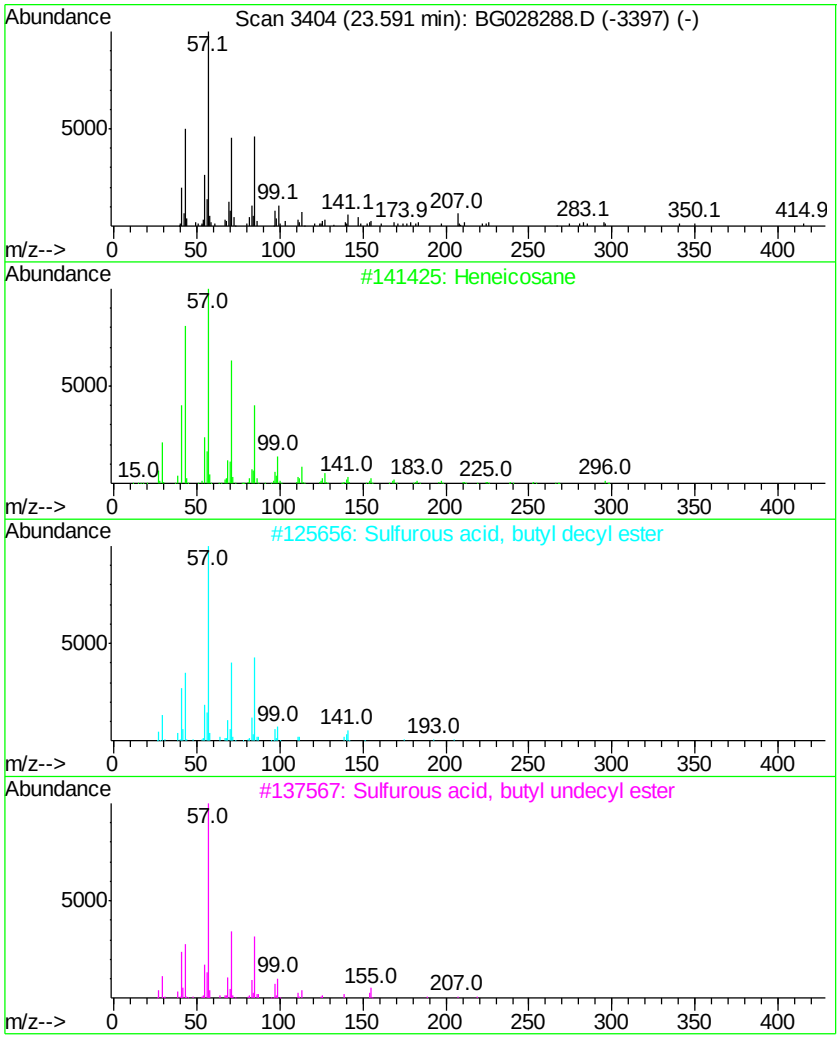
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

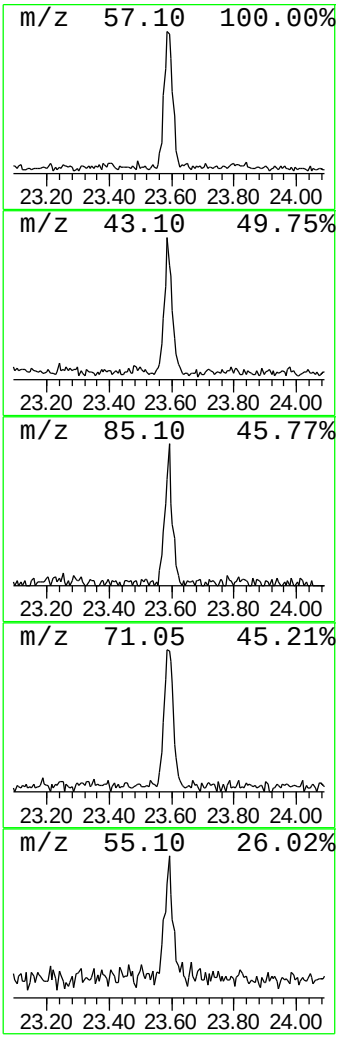
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	2.57 ng/ul	133903	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	83
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	80
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tetracosane	338	C24H50	000646-31-1	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

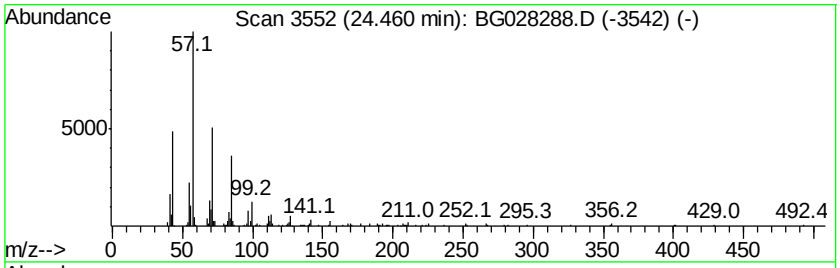
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

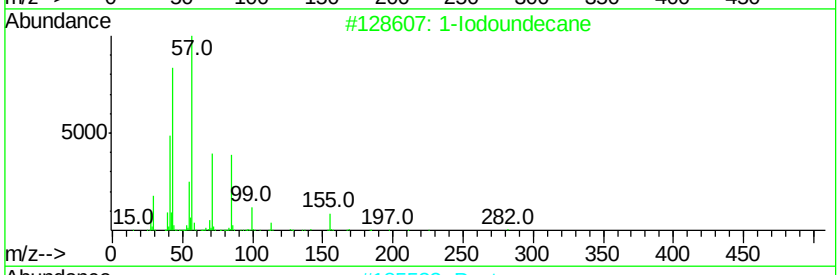
****

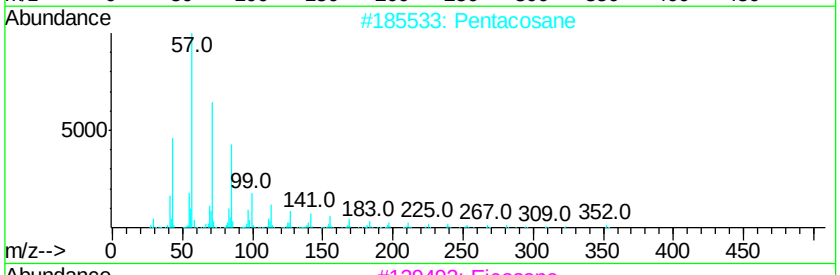
Peak Number 2 1-Iodoundecane Concentration Rank 5

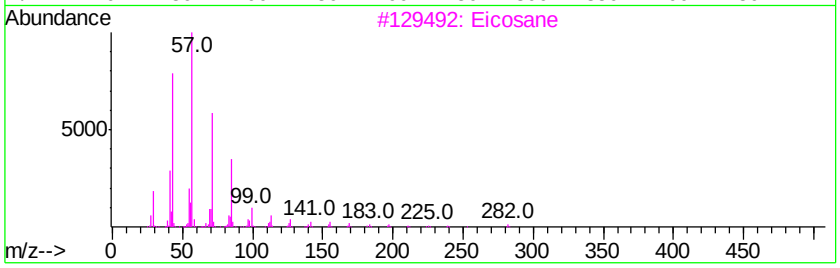
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	3.53 ng/ul	253078	Perylene-d12	25.54

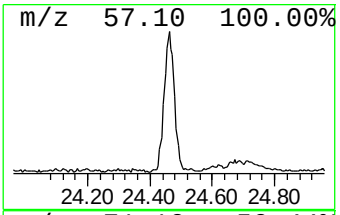
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	87
2	Pentacosane	352	C25H52	000629-99-2	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Octacosane	394	C28H58	000630-02-4	76
5	Hexacosane	366	C26H54	000630-01-3	76

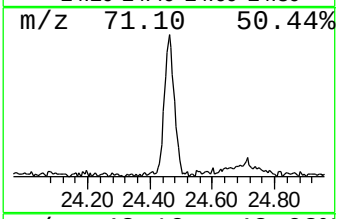


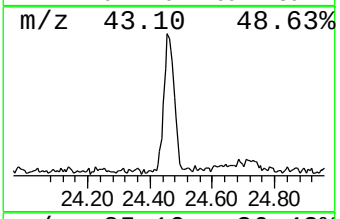


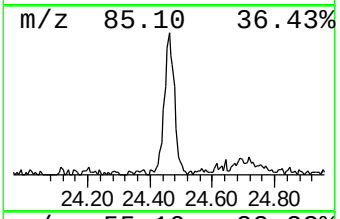


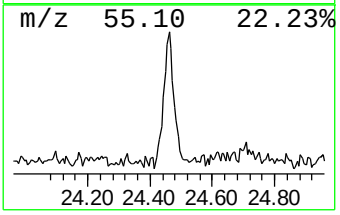












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Misc :
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Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

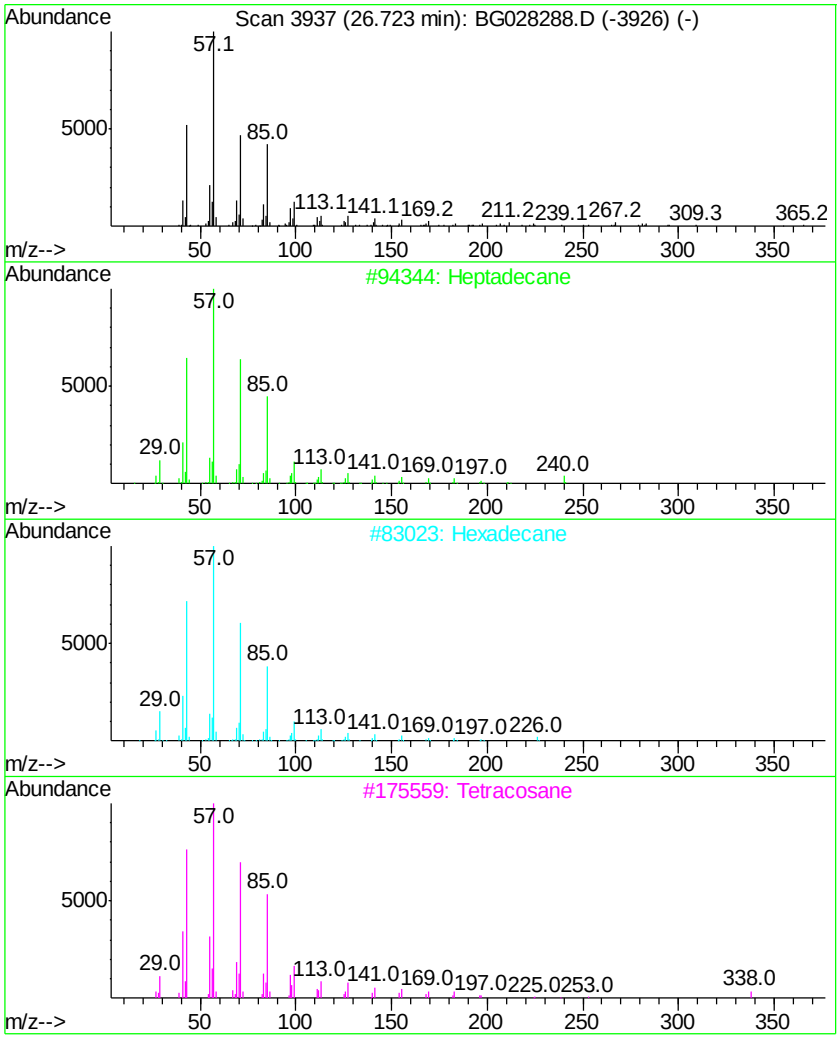
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

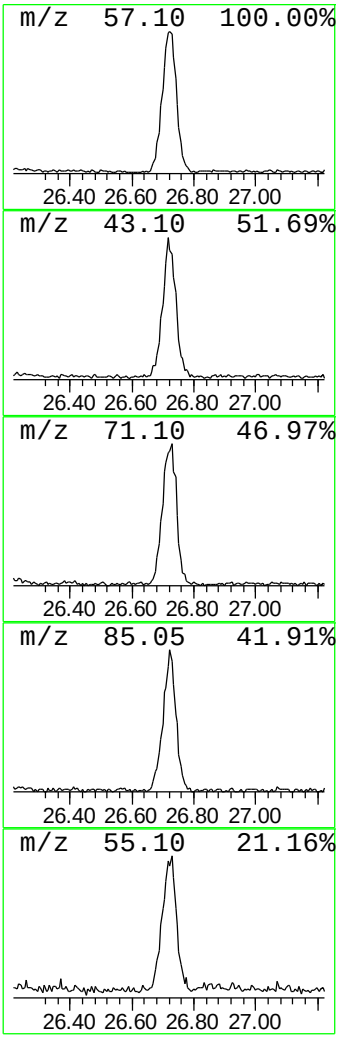
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	7.62 ng/ul	546085	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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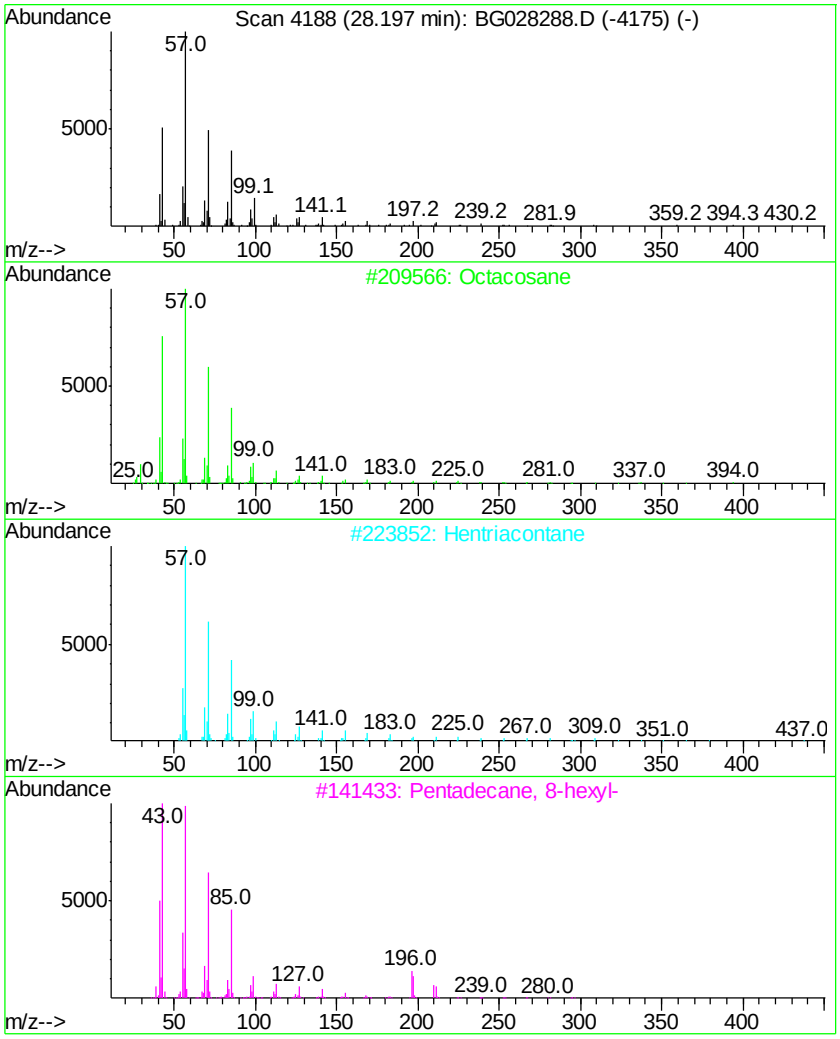
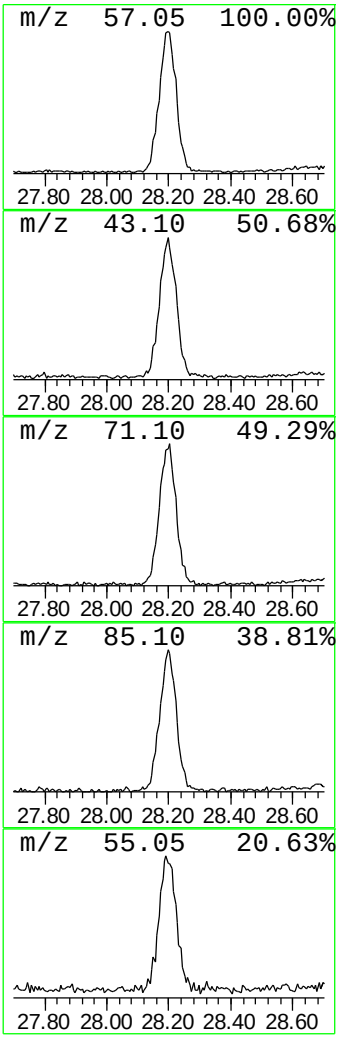
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.20	9.43 ng/ul	676051	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
4	Docosane	310	C22H46	000629-97-0	86
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

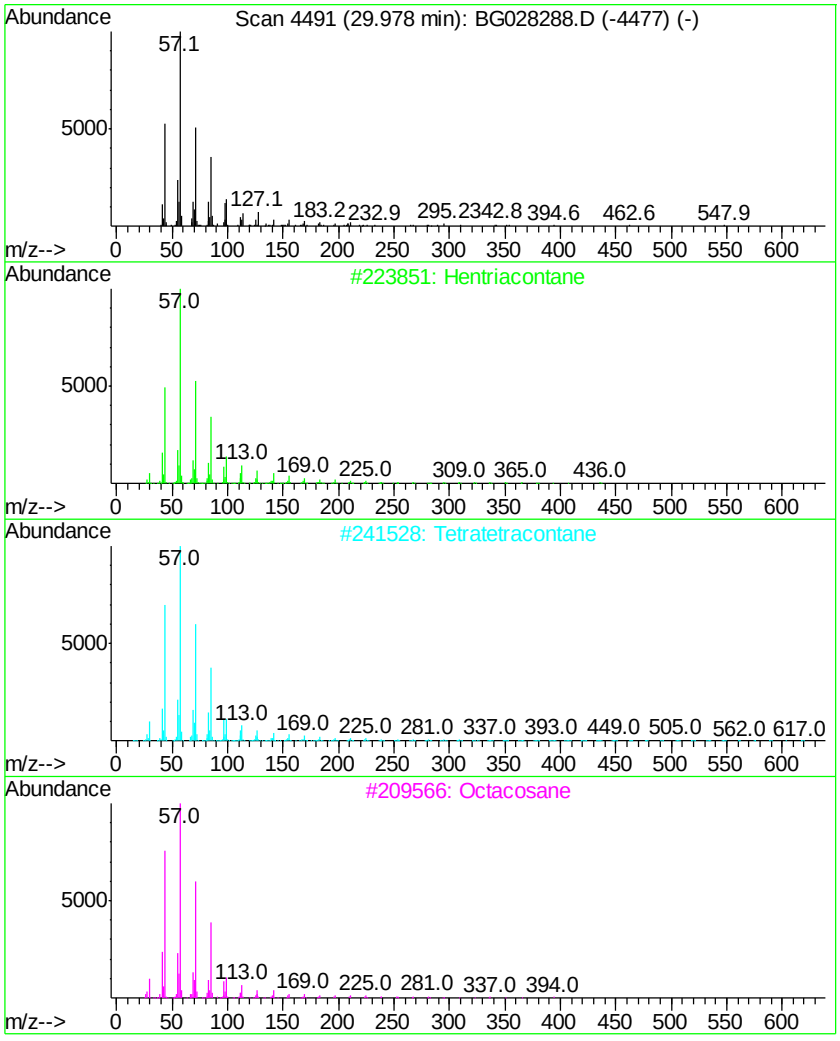
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

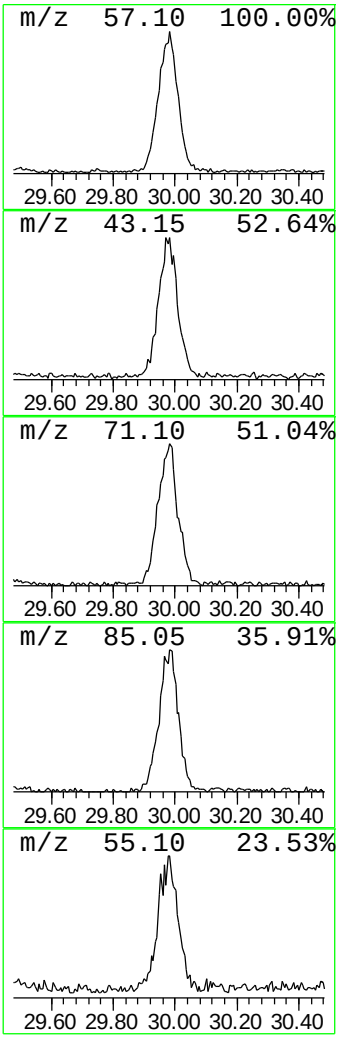
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.98	8.05 ng/ul	577031	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

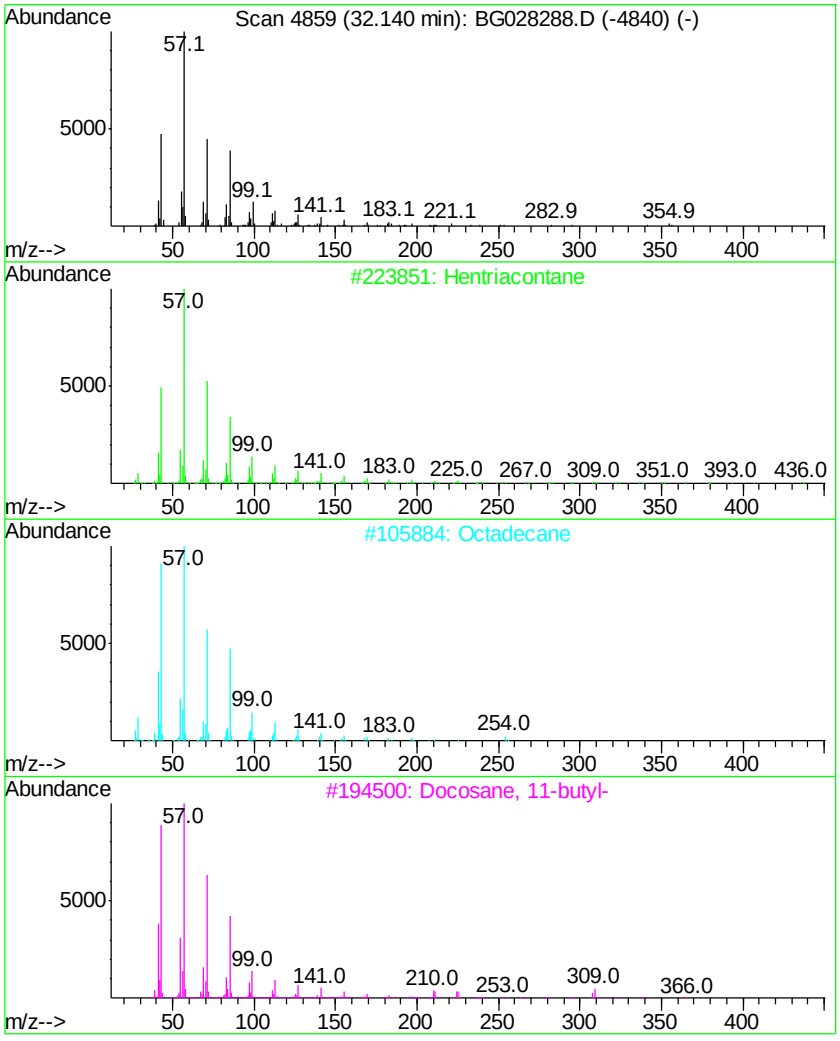
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

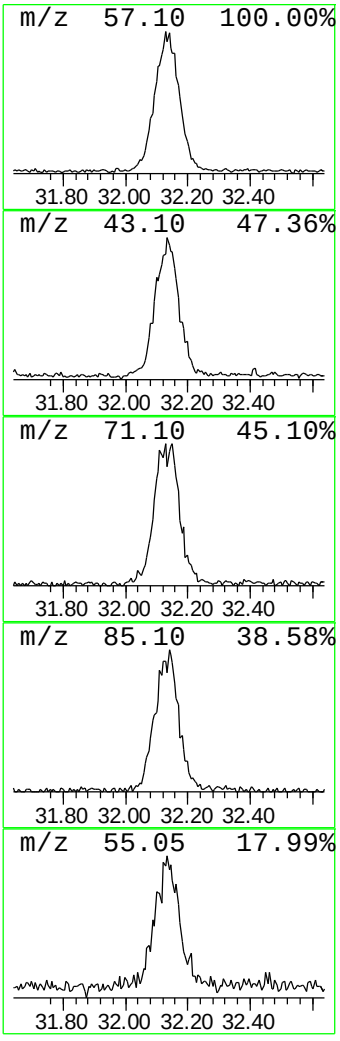
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.14	7.90 ng/ul	566023	Perylene-d12	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heneicosane	296	C21H44	000629-94-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028288.D
Acq On : 11 Aug 2017 11:49
Operator : SJ/JU
Sample : I4455-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AG1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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...	23.59	2.6	ng/ul	133903	5	22.03	1043990	20.0
1-Iodoundecane	24.46	3.5	ng/ul	253078	6	25.54	1433300	20.0
(DEL) Alkane: Str...	26.72	7.6	ng/ul	546085	6	25.54	1433300	20.0
(DEL) Alkane: Str...	28.20	9.4	ng/ul	676051	6	25.54	1433300	20.0
(DEL) Alkane: Str...	29.98	8.1	ng/ul	577031	6	25.54	1433300	20.0
(DEL) Alkane: Str...	32.14	7.9	ng/ul	566023	6	25.54	1433300	20.0