LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	3.545	116	120	124	rBV7	16323	29604	0.73%	0.043%
2	3.809	162	165	166	rBV3	10602	11064	0.27%	0.016%
3	3.944	183	188	191	rBV6	8049	15668	0.39%	0.023%
4	4.949	357	359	363	rVB5	9555	11799	0.29%	0.017%
5	5.466	442	447	450	rBV5	18854	33154	0.82%	0.049%
6	6.206	569	573	576	rBV5	13662	22755	0.56%	0.033%
7	6.265	581	583	590	rBV6	6913	13483	0.33%	0.020%
8	6.565	631	634	637	rBV4	11114	14384	0.36%	0.021%
9	6.770	667	669	673	rBV5	10095	16038	0.40%	0.024%
10	6.829	673	679	687	rVB	276566	471154	11.64%	0.692%
11	7.135	725	731	735	rBV6	36946	68197	1.68%	0.100%
12	7.311	753	761	775	rBV	619476	1160661	28.66%	1.705%
13	7.475	780	789	802	rVB	425191	712687	17.60%	1.047%
14	7.593	802	809	818	rVB	365872	640300	15.81%	0.941%
15	7.687	818	825	833	rBV	575283	1011787	24.99%	1.487%
16	8.163	899	906	914	rVB	575002	1028637	25.40%	1.511%
17	8.380	936	943	944	rBV5	20768	35181	0.87%	0.052%
18	8.868	1013	1026	1040	rBV	779285	1415409	34.95%	2.080%
19	8.991	1045	1047	1053	rVB6	11843	14640	0.36%	0.022%
20	9.332	1096	1105	1113	rBV	598109	1069936	26.42%	1.572%
21	9.426	1117	1121	1125	rVB6	19206	26563	0.66%	0.039%
22	9.485	1125	1131	1135	rVB9	10613	21693	0.54%	0.032%
23	9.714	1165	1170	1173	rBV4	19840	32698	0.81%	0.048%
24	10.061	1220	1229	1239	rBV	523215	978245	24.16%	1.437%
25	10.207	1248	1254	1261	rBV4	44663	96833	2.39%	0.142%
26	10.284	1263	1267	1272	rVB8	17463	29047	0.72%	0.043%
27	10.601	1313	1321	1334	rBV	828382	1539802	38.03%	2.263%
28	10.766	1345	1349	1351	rBV5	12061	12752	0.31%	0.019%
29	10.989	1379	1387	1394	rBV	874873	1600848	39.53%	2.352%
30	11.130	1405	1411	1416	rVB4	36570	71574	1.77%	0.105%
31	11.277	1431	1436	1439	rBV5	6264	11678	0.29%	0.017%
32	11.641	1494	1498	1500	rBV5	8814	12301	0.30%	0.018%
33	11.882	1531	1539	1544	rVV3	38932	83397	2.06%	0.123%
34	11.917	1544	1545	1548	rVV3	13639	11974	0.30%	0.018%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

35	11.994	1554	1558	1563	rVV7	23844	35055	0.87%	0.052%
36	12.376	1620	1623	1628	rVB6	15337	22098	0.55%	0.032%
37	12.564	1651	1655	1658	rBV3	14741	24406	0.60%	0.036%
38	12.951	1716	1721	1724	rVV6	18935	25296	0.62%	0.037%
39	13.157	1755	1756	1760	rVB4	11120	11987	0.30%	0.018%
40	13.562	1822	1825	1828	rBV3	12469	11036	0.27%	0.016%
41	13.680	1839	1845	1847	rBV7	12372	20046	0.50%	0.029%
42	13.715	1847	1851	1856	rVV7	32810	49729	1.23%	0.073%
43	13.780	1858	1862	1865	rVV6	21640	28536	0.70%	0.042%
44	13.844	1870	1873	1876	rVB4	16287	19684	0.49%	0.029%
45	13.909	1878	1884	1885	rBV6	35301	56903	1.41%	0.084%
46	13.933	1885	1888	1898	rVB2	88636	182324	4.50%	0.268%
47	14.121	1915	1920	1926	rVB3	134666	206676	5.10%	0.304%
48	14.197	1926	1933	1938	rBV	1509381	2298905	56.77%	3.378%
49	14.244	1938	1941	1949	rVB	487176	655356	16.18%	0.963%
50	14.444	1969	1975	1978	rBV7	12719	26441	0.65%	0.039%
51	14.497	1978	1984	1991	rBV	1694602	2631143	64.98%	3.866%
52	14.638	2004	2008	2012	rBV7	23960	39692	0.98%	0.058%
53	14.673	2012	2014	2018	rVB2	28369	30807	0.76%	0.045%
54	14.808	2030	2037	2042	rVV2	1504991	2534491	62.59%	3.724%
55	14.855	2042	2045	2051	rVB4	63034	102651	2.53%	0.151%
56	15.002	2063	2070	2076	rBV	650679	1158113	28.60%	1.702%
57	15.143	2092	2094	2099	rVB6	25662	39122	0.97%	0.057%
58	15.584	2165	2169	2171	rBV4	16288	24471	0.60%	0.036%
59	15.625	2172	2176	2180	rVB2	38152	48597	1.20%	0.071%
60	15.795	2197	2205	2216	rVB	2258333	3501612	86.47%	5.145%
61	15.907	2218	2224	2231	rVV	743917	1129740	27.90%	1.660%
62	15.960	2231	2233	2237	rVB4	20406	28995	0.72%	0.043%
63	16.036	2242	2246	2251	rVB6	49923	79500	1.96%	0.117%
64	16.165	2264	2268	2272	rVB5	38204	55644	1.37%	0.082%
65	16.265	2281	2285	2291	rVB5	83145	138564	3.42%	0.204%
66	16.330	2295	2296	2297	rBV	19685	12135	0.30%	0.018%
67	16.488	2319	2323	2326	rBV4	45821	69274	1.71%	0.102%
68	16.682	2352	2356	2363	rVB4	74337	109703	2.71%	0.161%
69	16.829	2379	2381	2385	rBV5	19416	27117	0.67%	0.040%
70	16.923	2395	2397	2406	rVB10	37845	76150	1.88%	0.112%
71	17.246	2448	2452	2455	rBV4	141699	201281	4.97%	0.296%

LSC Area Percent Report

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Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

72	17.282	2455	2458	2462	rVB2	169560	184111	4.55%	0.271%
73	17.423	2479	2482	2484	rBV4	47223	65553	1.62%	0.096%
74	17.558	2499	2505	2511	rBV2	1934937	3031928	74.87%	4.455%
75	17.658	2516	2522	2528	rVB	2081981	3304802	81.61%	4.856%
76	17.881	2558	2560	2561	rBV2	28128	20579	0.51%	0.030%
77	18.022	2581	2584	2590	rVB2	118616	172447	4.26%	0.253%
78	18.163	2603	2608	2612	rVB7	80463	129427	3.20%	0.190%
79	18.421	2648	2652	2667	rVB	706485	1046475	25.84%	1.538%
80	18.715	2698	2702	2709	rBV4	160986	251795	6.22%	0.370%
81	18.915	2733	2736	2742	rVB2	118019	164461	4.06%	0.242%
82	19.338	2804	2808	2815	rBV2	324331	430585	10.63%	0.633%
83	19.544	2841	2843	2844	rBV	83530	65810	1.63%	0.097%
84	19.567	2845	2847	2850	rVV4	134717	162417	4.01%	0.239%
85	19.685	2864	2867	2871	rBV3	276679	391931	9.68%	0.576%
86	19.937	2903	2910	2920	rVB2	2569265	4049406	100.00%	5.950%
87	20.407	2985	2990	2992	rBV4	267028	480956	11.88%	0.707%
88	20.437	2992	2995	2998	rVV	949207	984371	24.31%	1.446%
89	20.889	3070	3072	3074	rBV2	167286	189075	4.67%	0.278%
90	21.318	3142	3145	3150	rVB5	304482	384838	9.50%	0.565%
91	21.459	3165	3169	3181	rVB	1773987	2763509	68.24%	4.061%
92	21.859	3231	3237	3244	rVB2	1986692	3520760	86.95%	5.173%
93	22.663	3370	3374	3376	rBV	730259	1114537	27.52%	1.638%
94	23.756	3556	3560	3569	rVB3	599905	1218875	30.10%	1.791%
95	24.238	3635	3642	3648	rBV	1039782	2143732	52.94%	3.150%
96	24.309	3649	3654	3664	rVB2	700533	1775028	43.83%	2.608%
97	25.002	3764	3772	3781	rVB2	1148426	3362587	83.04%	4.941%
98	25.231	3804	3811	3822	rVB3	1178333	3452147	85.25%	5.072%
99	26.430	4007	4015	4025	rVB5	991773	3087108	76.24%	4.536%
100	26.559	4031	4037	4052	rVB3	602183	2067907	51.07%	3.039%

Sum of corrected areas: 68056380

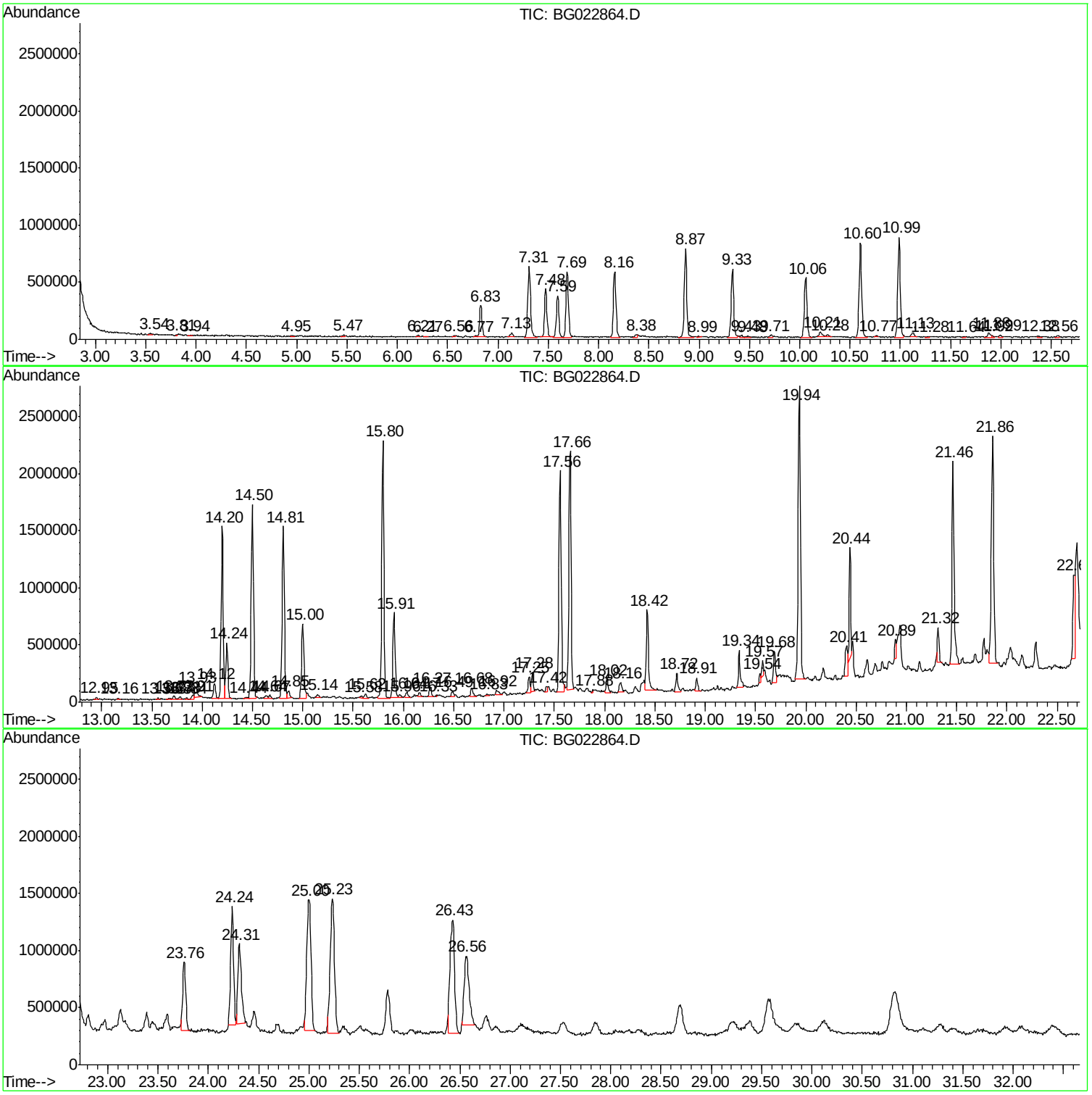
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

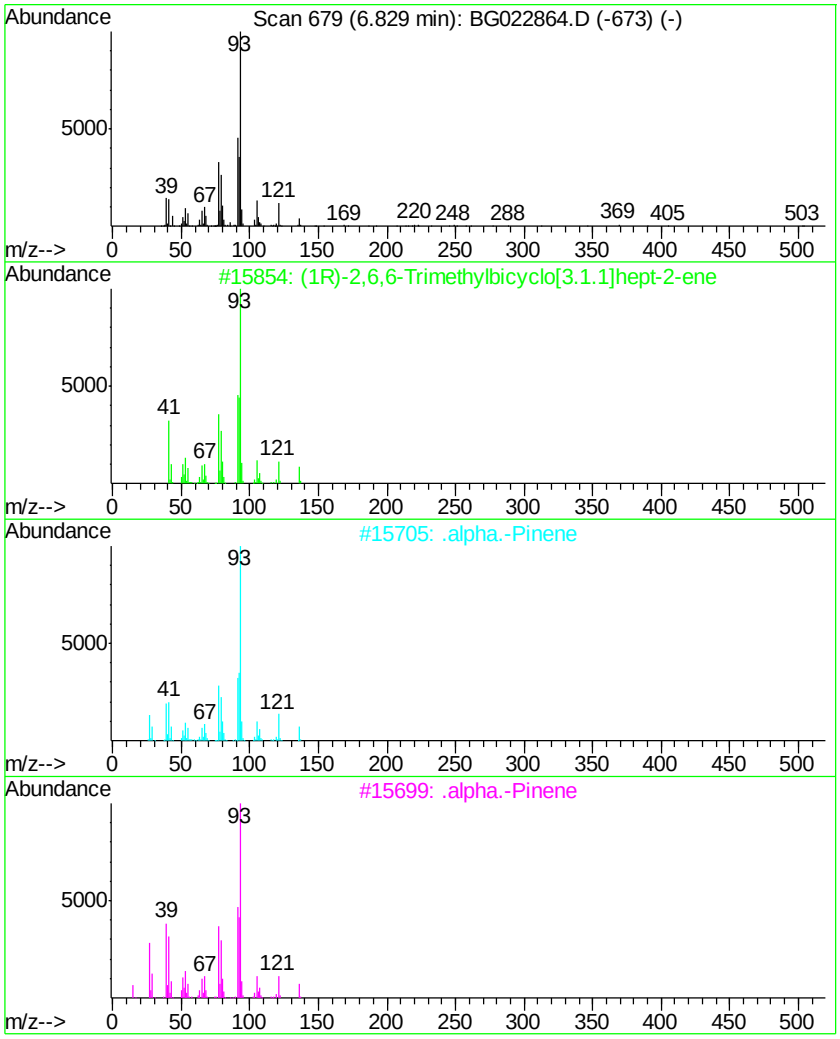
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

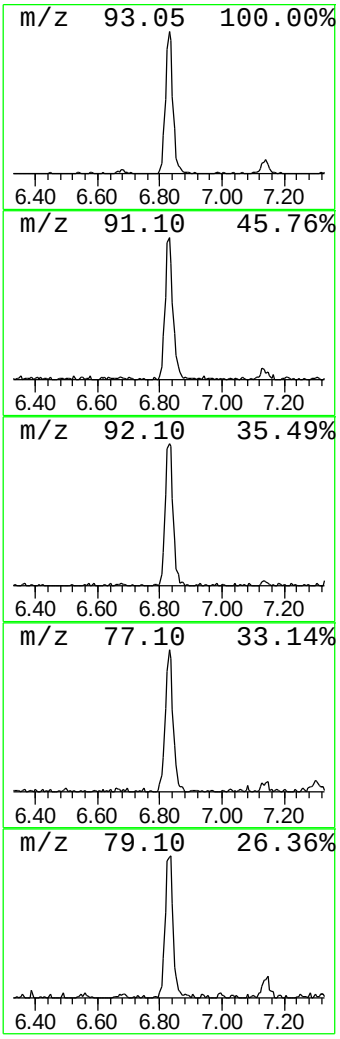
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	9.16 ng/ul	471154	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

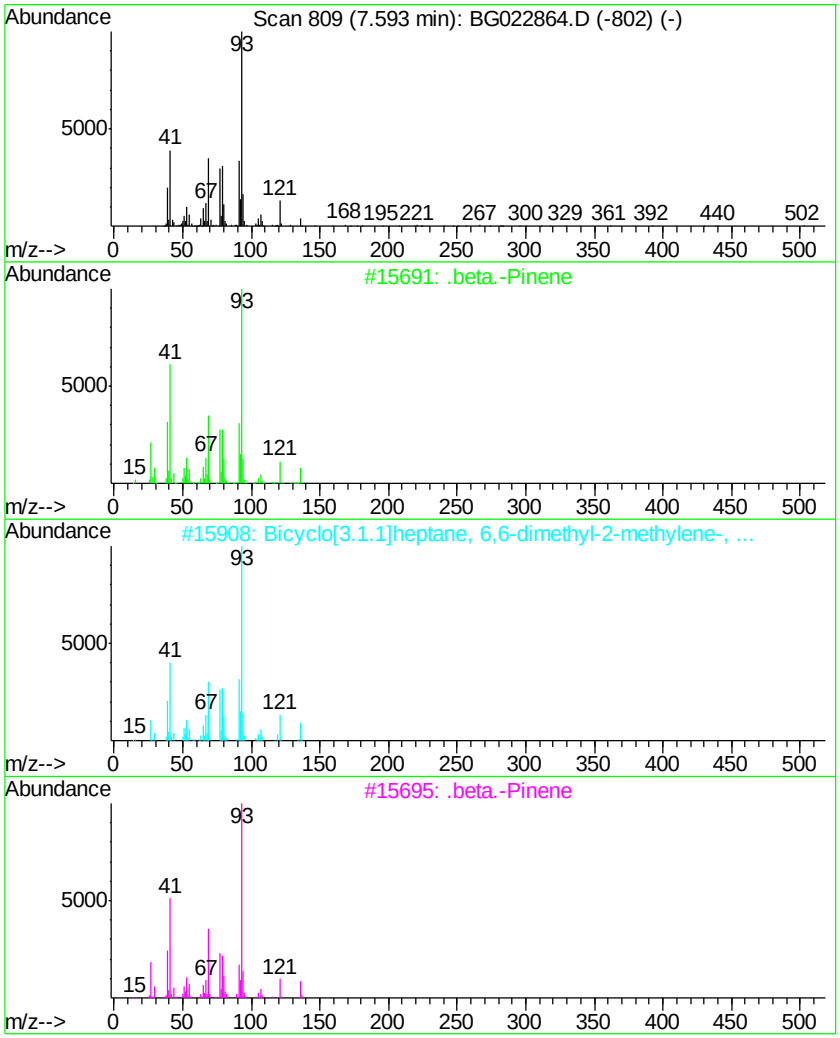
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

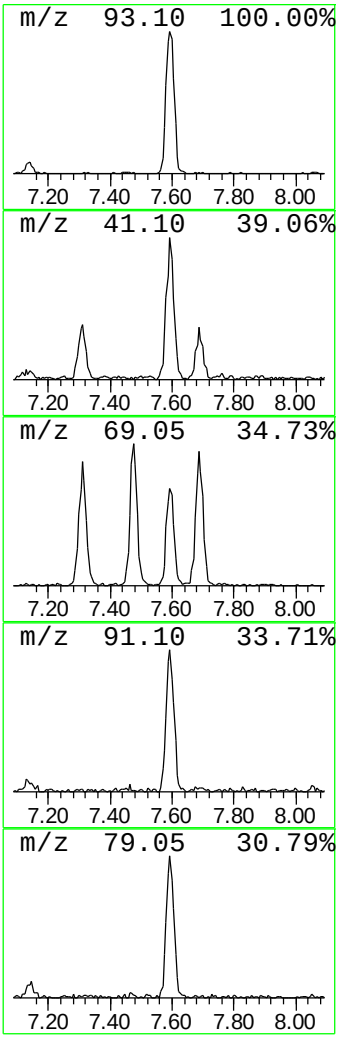
****

Peak Number 2 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	12.45 ng/ul	640300	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	95
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
5	.beta.-Pinene	136	C10H16	000127-91-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

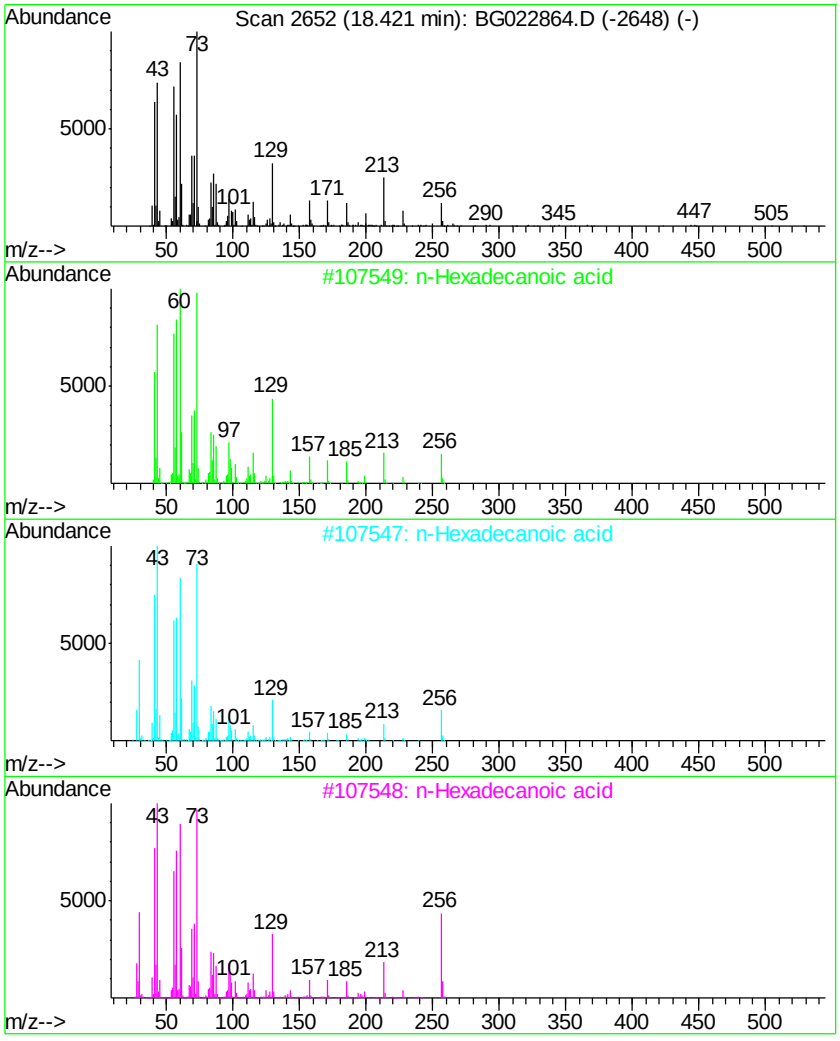
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

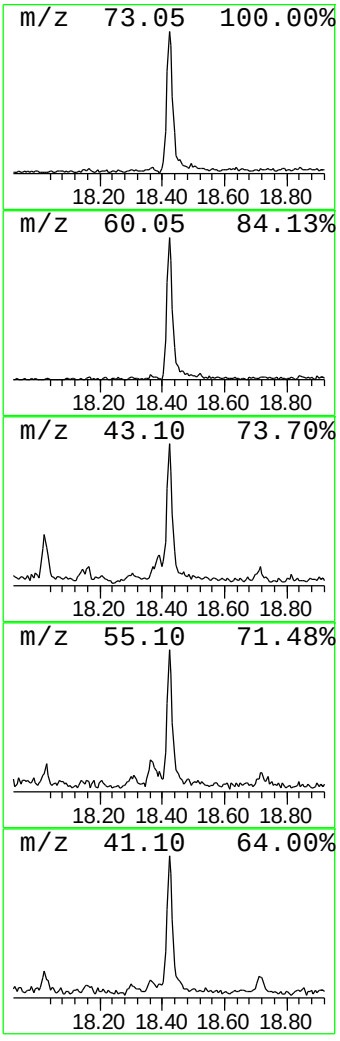
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.90 ng/ul	1046480	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

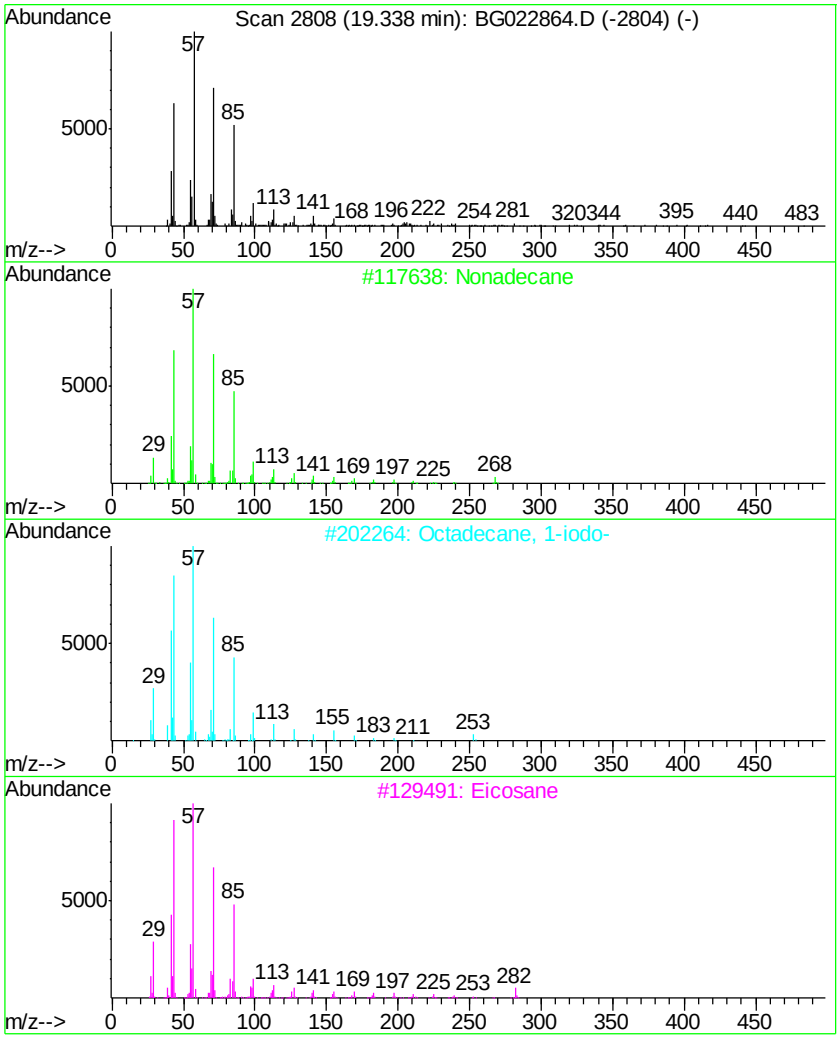
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

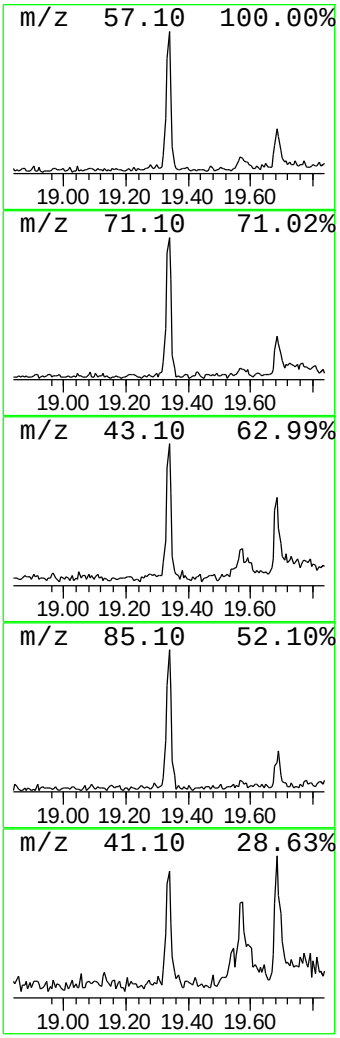
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.84 ng/ul	430585	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Octadecane	254	C18H38	000593-45-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

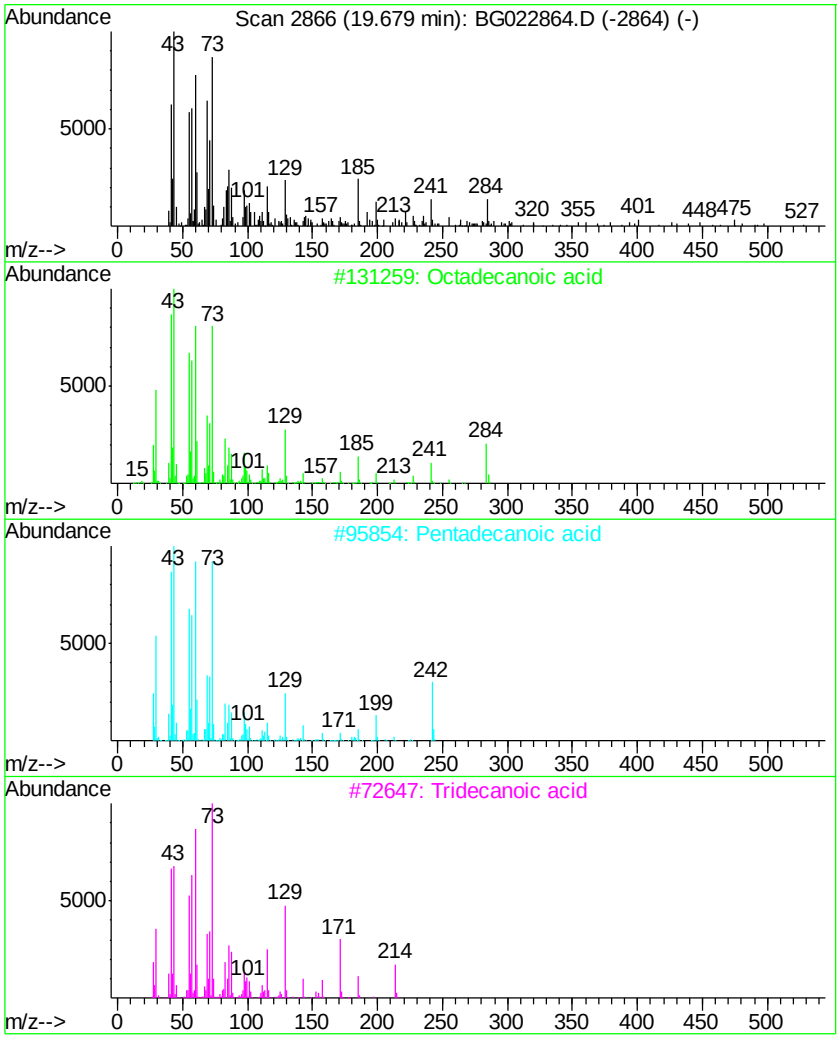
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

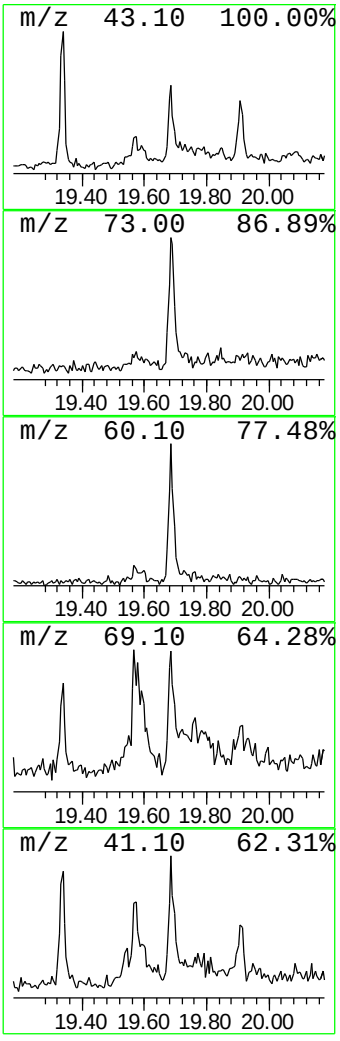
****

Peak Number 5 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.59 ng/ul	391931	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

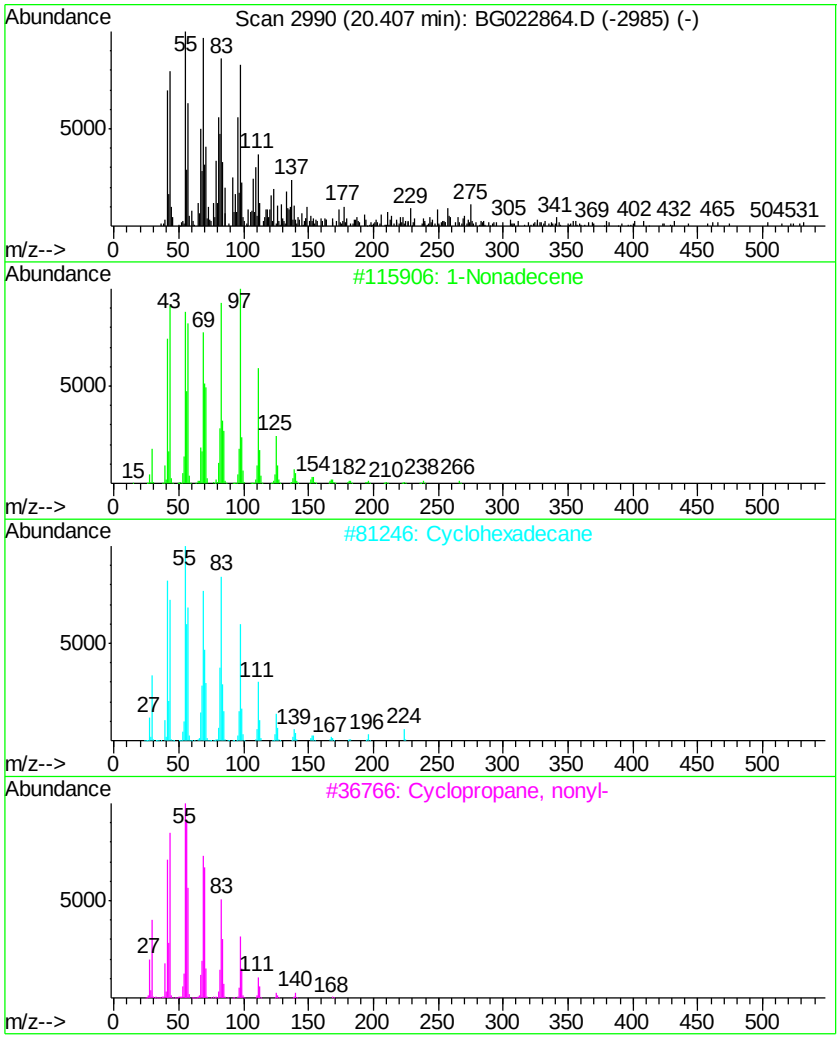
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

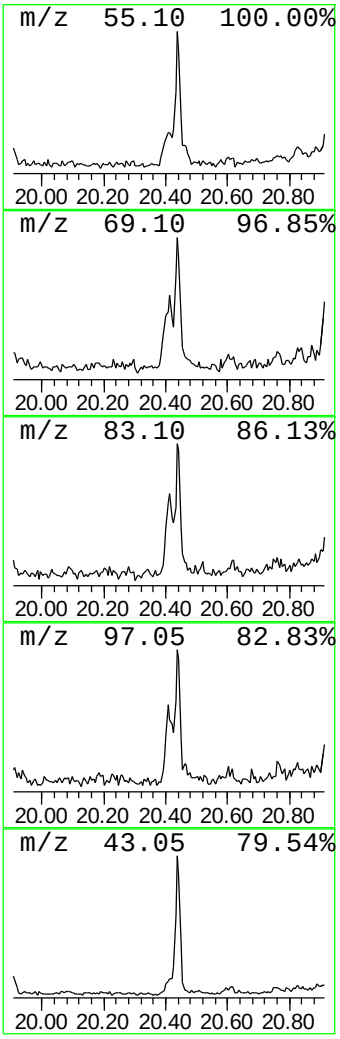
****

Peak Number 6 (DEL) Alkane: Cyclic20.41 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.73 ng/ul	480956	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	89
2	Cyclohexadecane	224	C16H32	000295-65-8	81
3	Cyclopropane, nonyl-	168	C12H24	074663-85-7	74
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	55





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Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

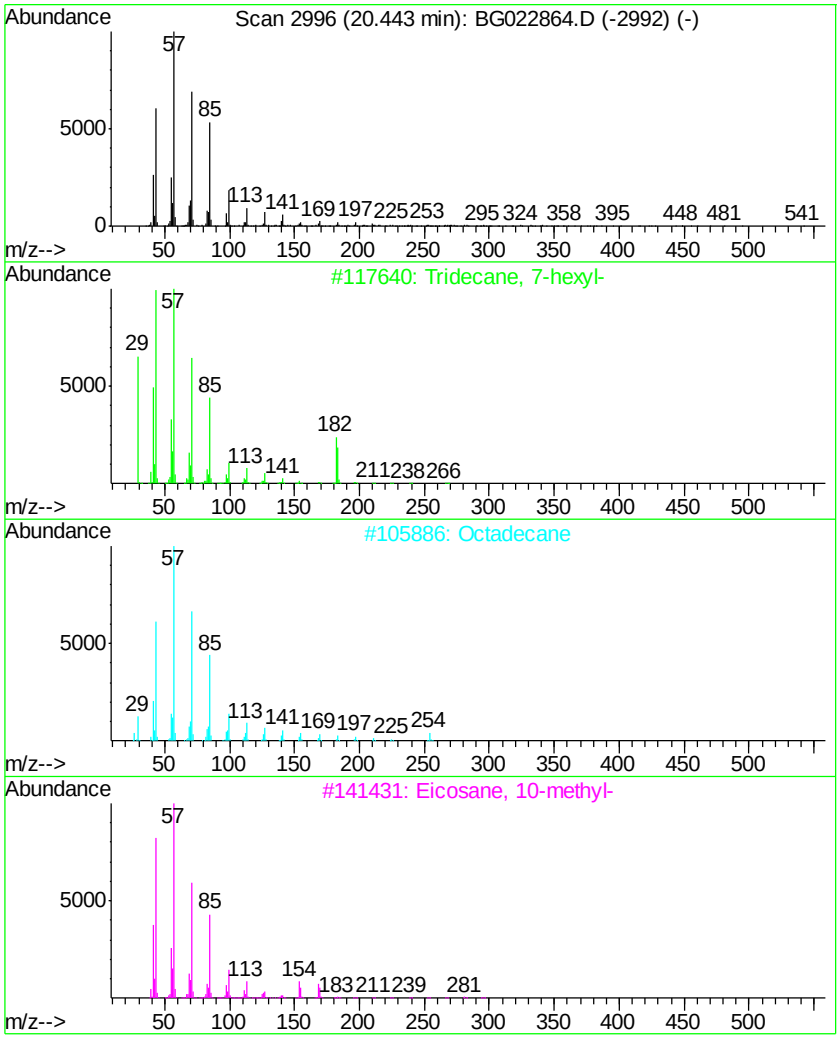
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

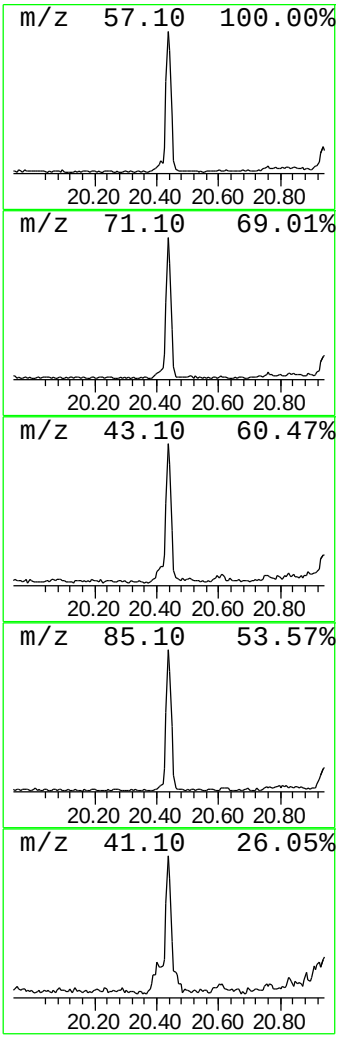
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	5.59 ng/ul	984371	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2	Octadecane	254	C18H38	000593-45-3	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





Library Search Compound Report

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Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

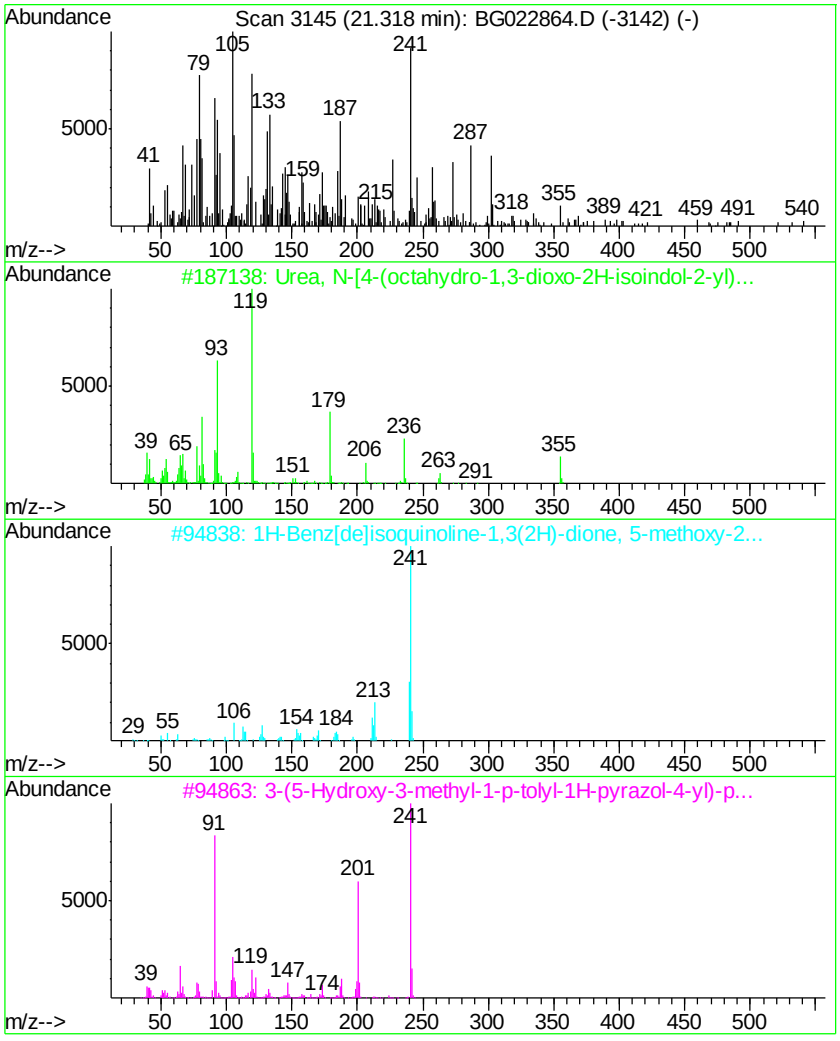
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

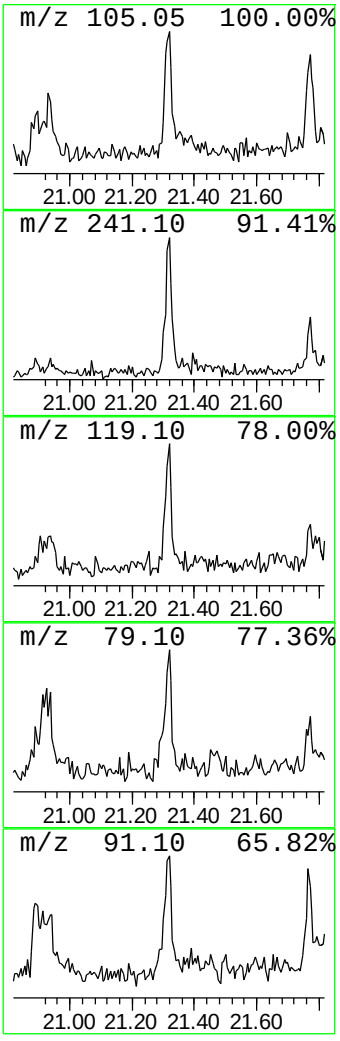
****

Peak Number 8 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.19 ng/ul	384838	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N-[4-(octahydro-1,3-dioxo-...	355	C17H17N5O4	1000349-93-2	25
2	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	15
3	3-(5-Hydroxy-3-methyl-1-p-tolyl-...	241	C14H15N3O	1000275-84-3	11
4	Isoindole-1,3(2H)-dione, 2-[4-(2...	334	C20H18N2O3	300838-81-7	11
5	2,5-Di(trifluoromethyl)benzoic a...	402	C15H6Cl2F6O2	1000357-74-8	11





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Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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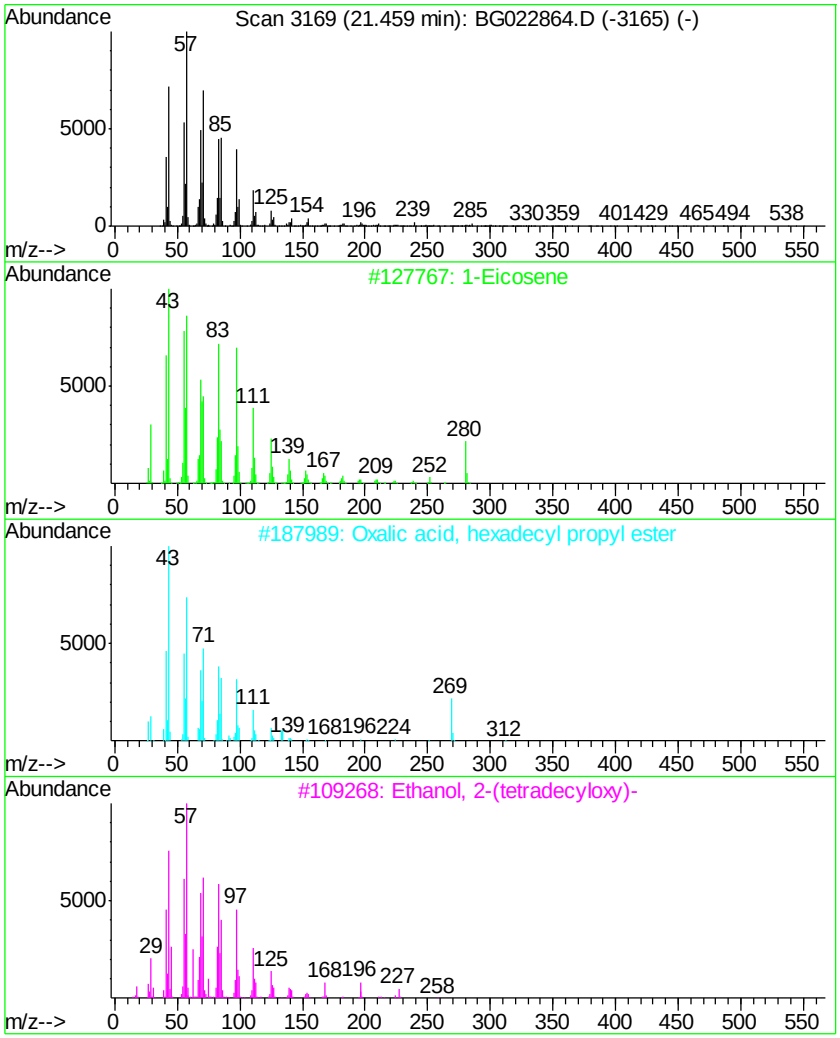
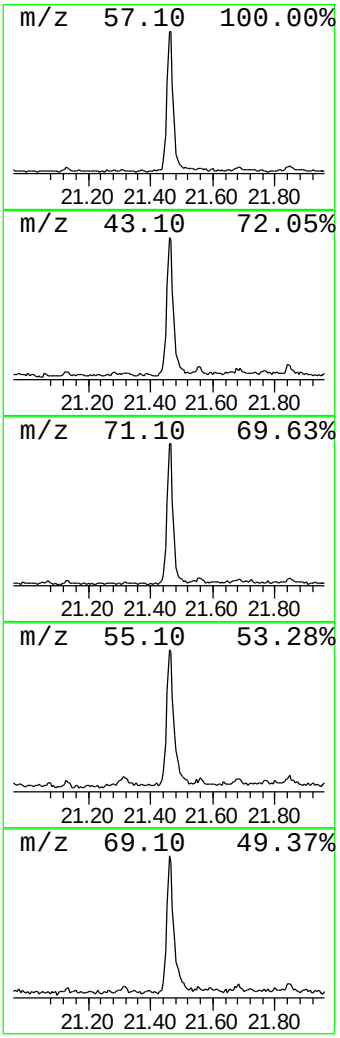
Peak Number 9 (DEL) Alkane: Cyclic21.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	15.70 ng/ul	2763510	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	92
2	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	74
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62





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Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

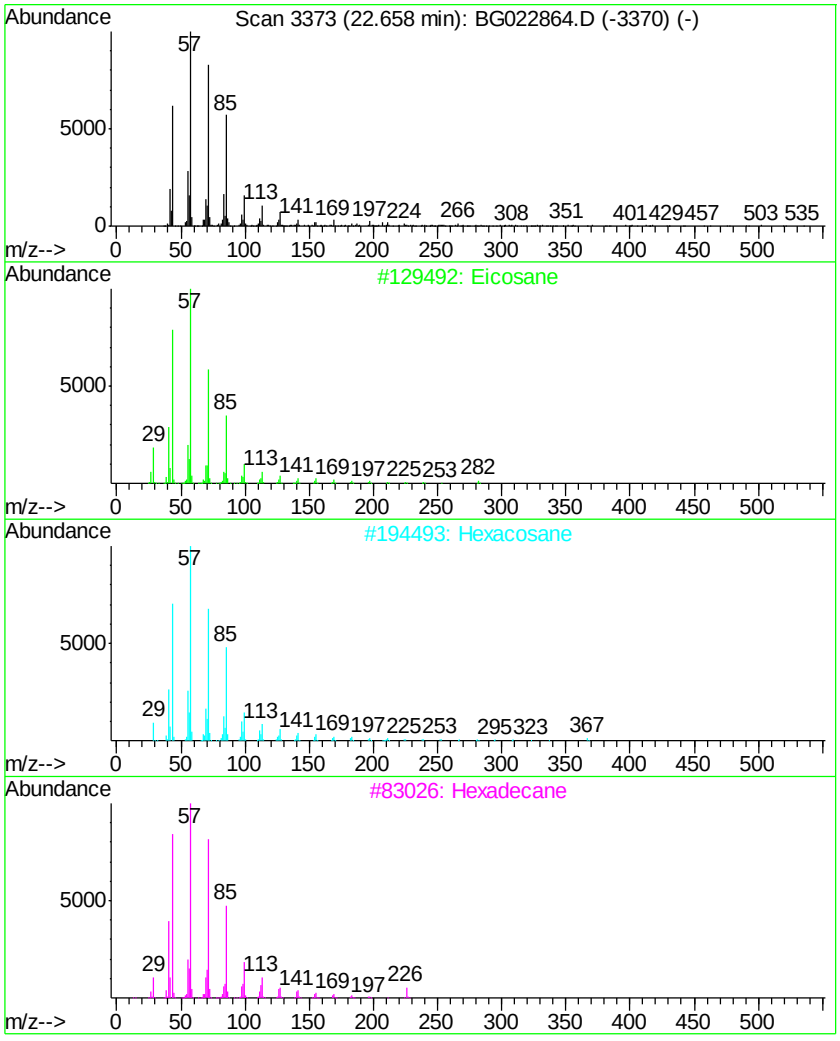
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

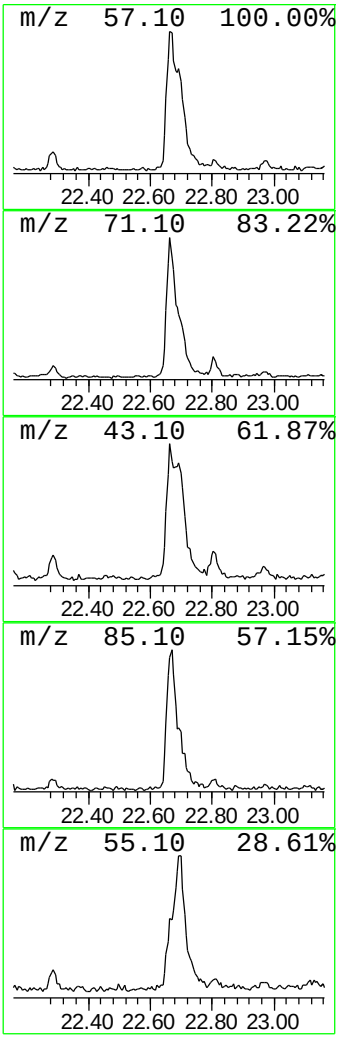
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	6.33 ng/ul	1114540	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87





Library Search Compound Report

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Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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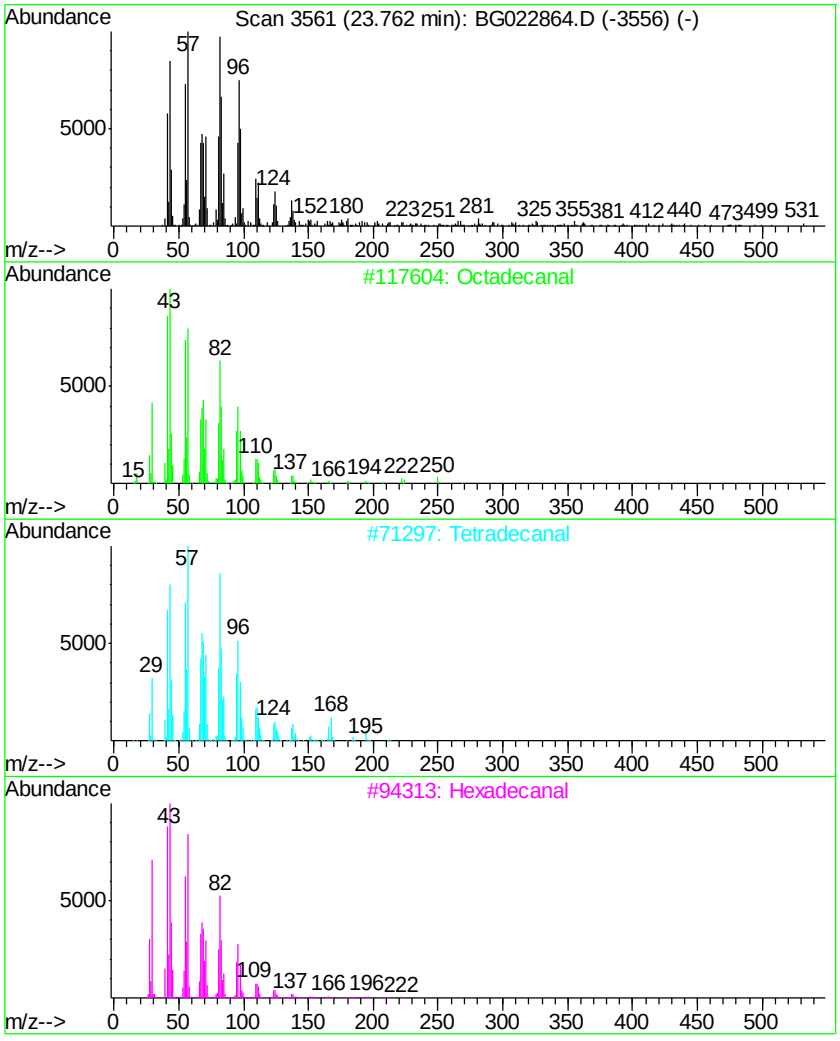
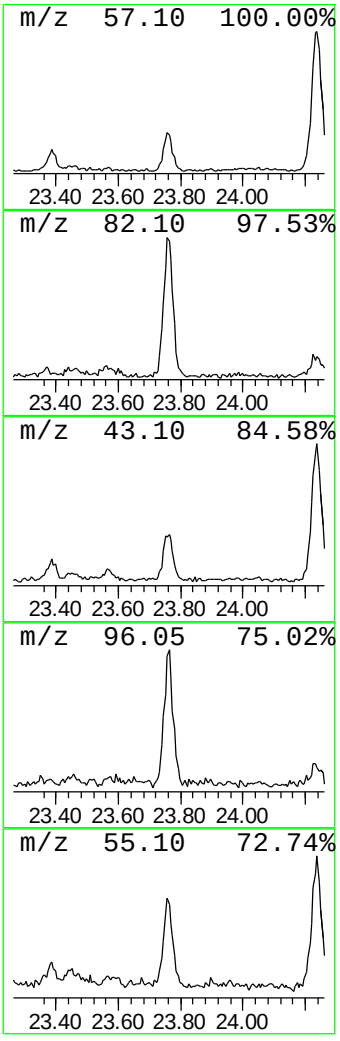
Peak Number 11 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	7.06 ng/ul	1218880	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Tetradecanal	212	C14H28O	000124-25-4	90
3	Hexadecanal	240	C16H32O	000629-80-1	87
4	Tetradecanal	212	C14H28O	000124-25-4	87
5	1,19-Eicosadiene	278	C20H38	014811-95-1	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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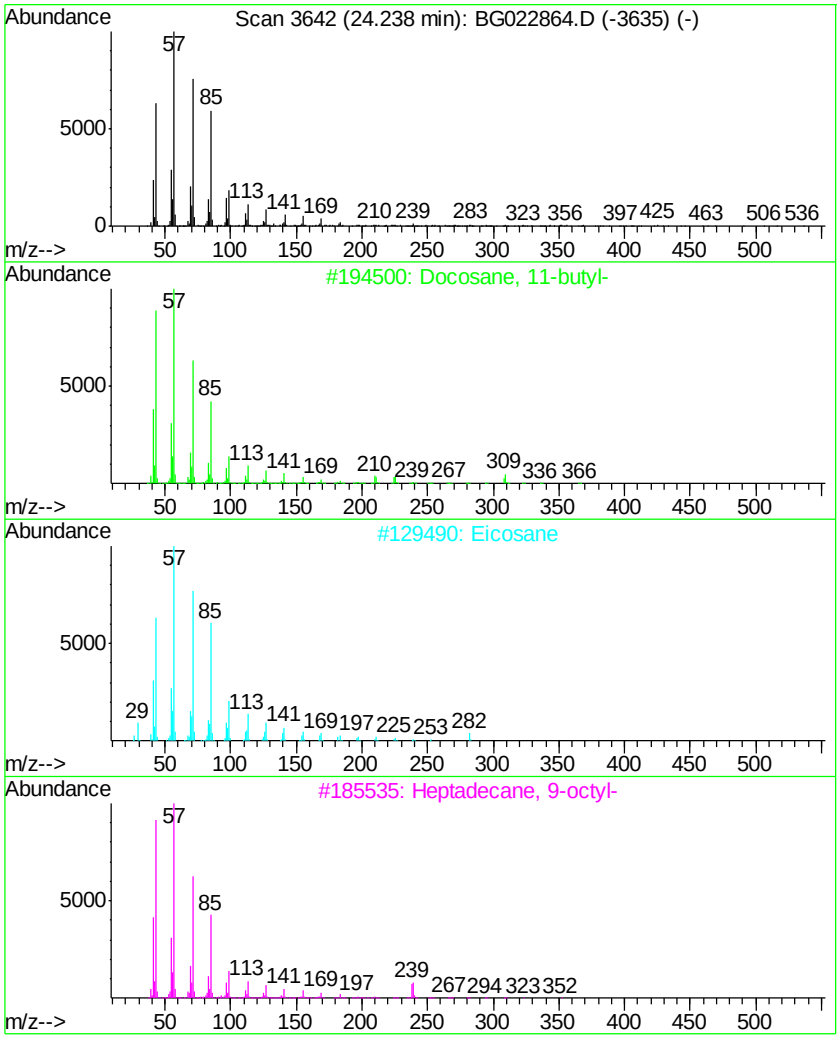
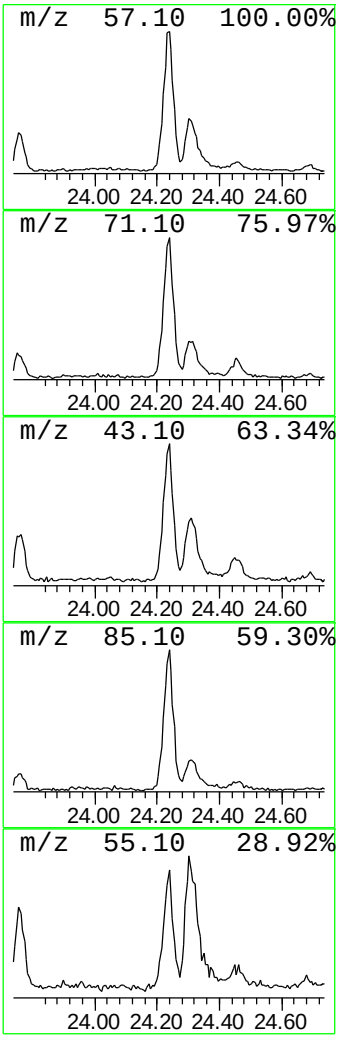
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	12.42 ng/ul	2143730	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

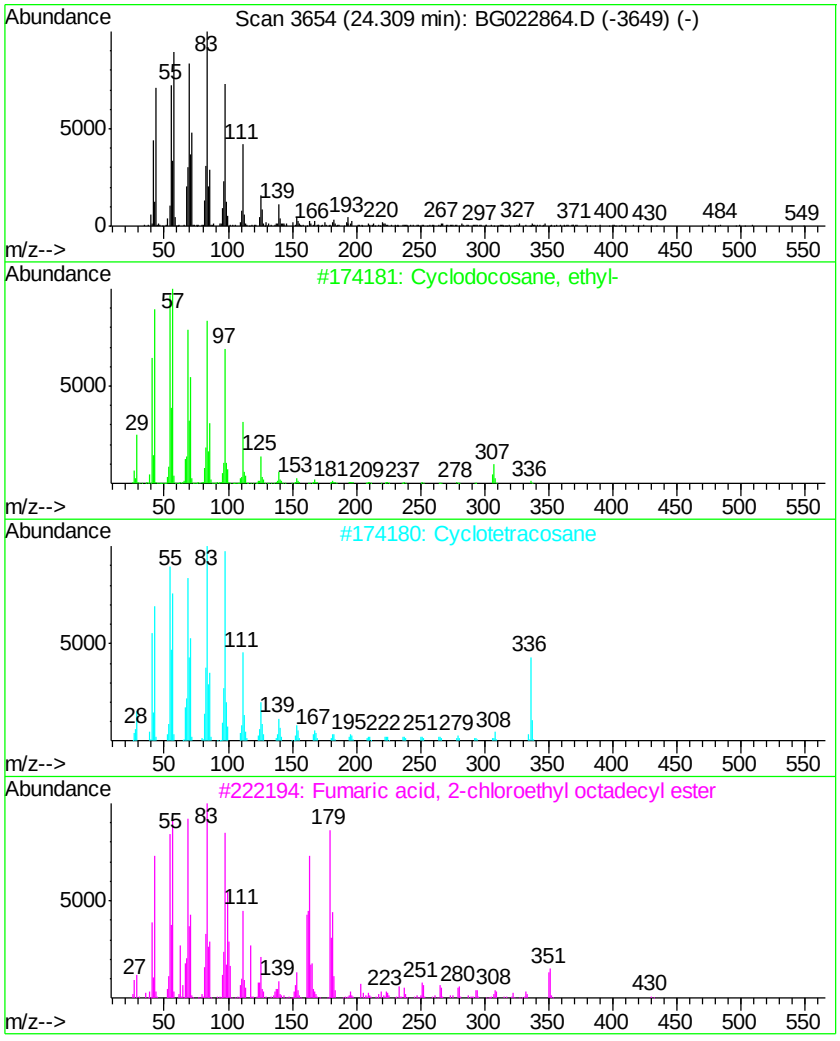
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

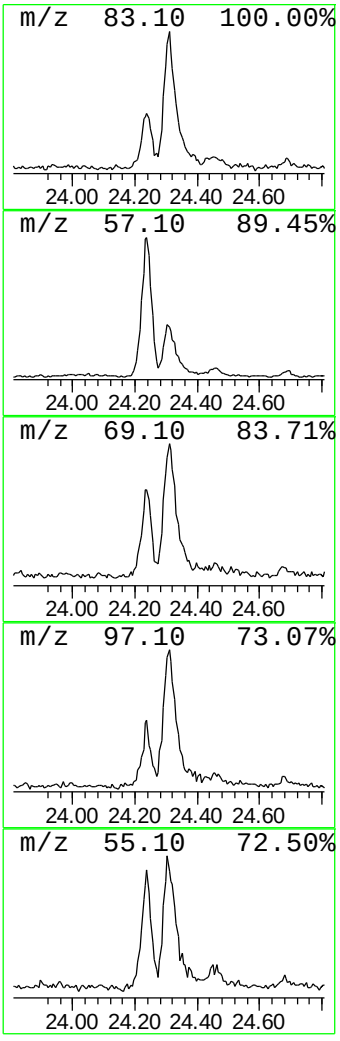
****

Peak Number 13 (DEL) Alkane: Cyclic24.31 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	10.28 ng/ul	1775030	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	Fumaric acid, 2-chloroethyl octa...	430	C24H43ClO4	1000330-62-4	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	80
5	1-Nonadecene	266	C19H38	018435-45-5	70





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Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

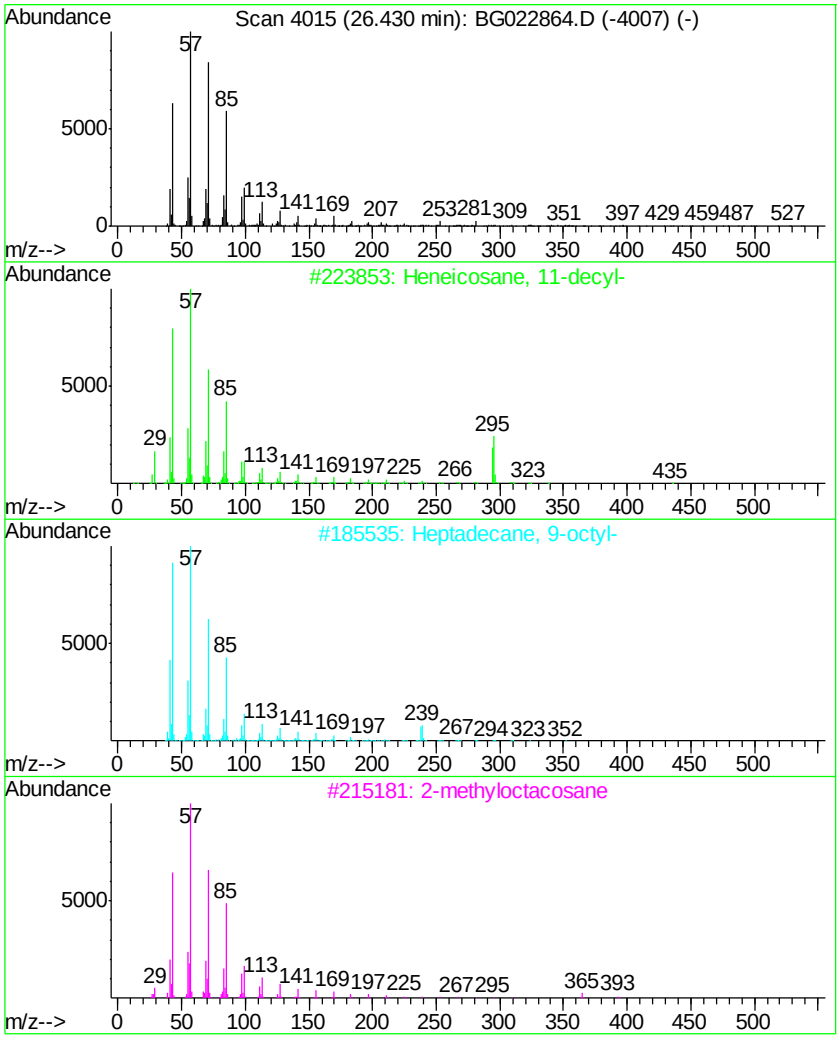
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

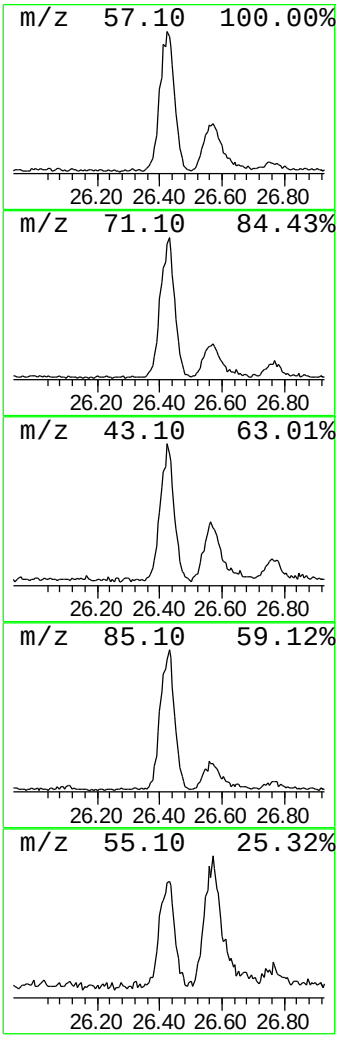
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.43	17.89 ng/ul	3087110	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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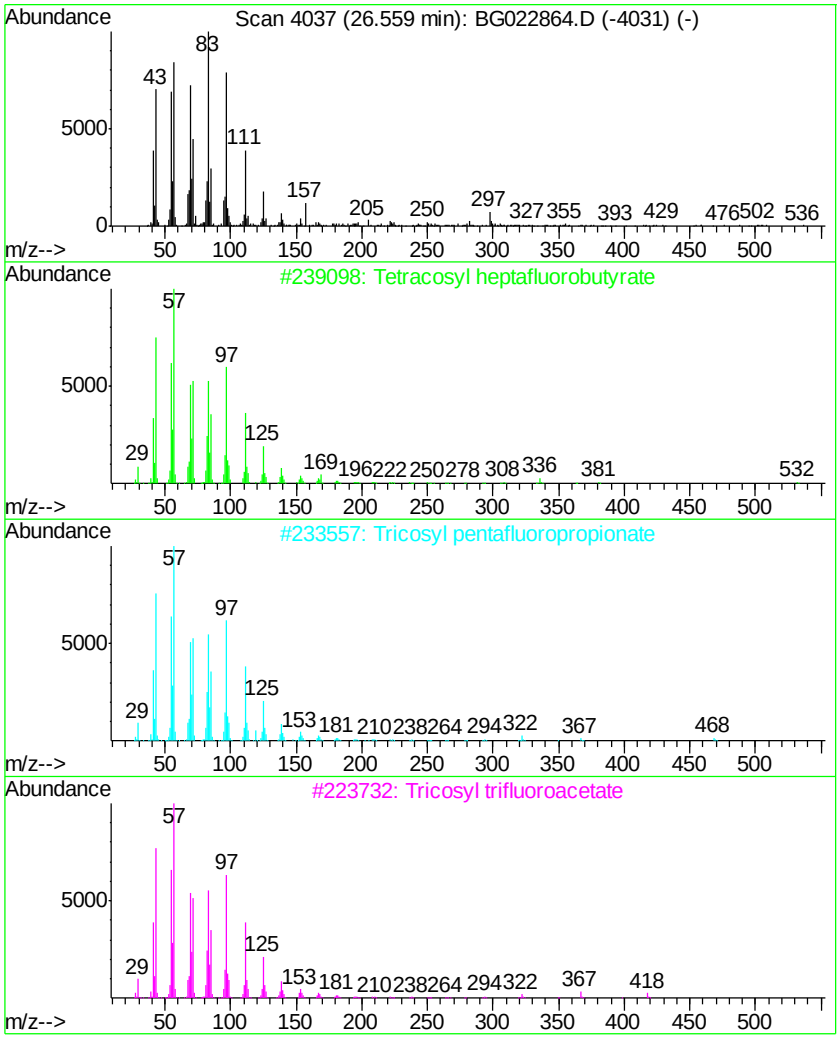
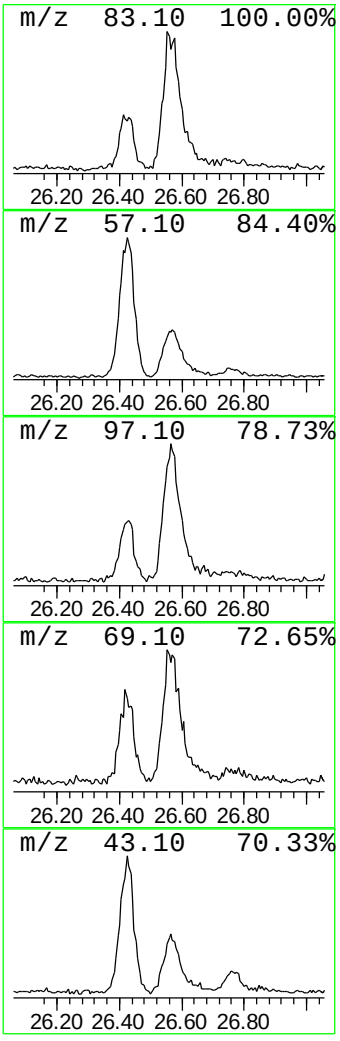
Peak Number 15 Tetracosyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.56	11.98 ng/ul	2067910	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	64
2	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	64
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	58
4	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	53
5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	52





Tentatively Identified Compound (LSC) summary

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Data File : BG022864.D
Acq On : 6 Jul 2016 00:07
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TX0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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
(1R)-2,6,6-Trimet...	6.83	9.2	ng/ul	471154	1	8.16	1028640	20.0
.beta.-Pinene	7.59	12.4	ng/ul	640300	1	8.16	1028640	20.0
n-Hexadecanoic acid	18.42	6.9	ng/ul	1046480	4	17.56	3031930	20.0
(DEL) Alkane: Str...	19.34	2.8	ng/ul	430585	4	17.56	3031930	20.0
Octadecanoic acid	19.68	2.6	ng/ul	391931	4	17.56	3031930	20.0
(DEL) Alkane: Cyc...	20.41	2.7	ng/ul	480956	5	21.86	3520760	20.0
(DEL) Alkane: Str...	20.44	5.6	ng/ul	984371	5	21.86	3520760	20.0
unknown-01	21.32	2.2	ng/ul	384838	5	21.86	3520760	20.0
(DEL) Alkane: Cyc...	21.46	15.7	ng/ul	2763510	5	21.86	3520760	20.0
(DEL) Alkane: Str...	22.66	6.3	ng/ul	1114540	5	21.86	3520760	20.0
Octadecanal	23.76	7.1	ng/ul	1218880	6	25.23	3452150	20.0
(DEL) Alkane: Str...	24.24	12.4	ng/ul	2143730	6	25.23	3452150	20.0
(DEL) Alkane: Cyc...	24.31	10.3	ng/ul	1775030	6	25.23	3452150	20.0
(DEL) Alkane: Str...	26.43	17.9	ng/ul	3087110	6	25.23	3452150	20.0
Tetracosyl heptaf...	26.56	12.0	ng/ul	2067910	6	25.23	3452150	20.0