LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022768.D
Acq On : 1 Jul 2016 21:45
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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	3.818	164	167	175	rVB2	31205	55591	1.03%	0.085%
2	4.300	247	249	254	rVB5	8197	10895	0.20%	0.017%
3	4.653	306	309	311	rBV3	7941	11195	0.21%	0.017%
4	4.770	326	329	331	rBV3	7427	7692	0.14%	0.012%
5	5.246	406	410	411	rBV4	7102	7512	0.14%	0.012%
6	5.469	443	448	453	rBV6	17200	31051	0.57%	0.048%
7	5.546	458	461	465	rBV5	5428	9004	0.17%	0.014%
8	5.892	518	520	525	rVB4	6434	9176	0.17%	0.014%
9	6.004	537	539	543	rVB3	4924	7624	0.14%	0.012%
10	6.215	568	575	582	rVB6	17424	26409	0.49%	0.040%
11	6.574	630	636	639	rBV6	12708	24711	0.46%	0.038%
12	6.774	665	670	671	rBV4	10618	10415	0.19%	0.016%
13	6.826	674	679	688	rVB2	66748	123500	2.28%	0.189%
14	7.120	724	729	730	rBV5	13615	21487	0.40%	0.033%
15	7.308	752	761	771	rBV	769802	1477637	27.33%	2.263%
16	7.479	783	790	800	rVV	527803	886055	16.39%	1.357%
17	7.596	802	810	819	rVB2	98849	188498	3.49%	0.289%
18	7.690	819	826	836	rBV	727647	1270644	23.51%	1.946%
19	8.160	897	906	914	rBV	552322	1021186	18.89%	1.564%
20	8.284	923	927	930	rBV3	5791	8228	0.15%	0.013%
21	8.348	936	938	941	rBV4	7851	9160	0.17%	0.014%
22	8.865	1016	1026	1034	rBV2	1043144	1802499	33.34%	2.761%
23	8.983	1043	1046	1051	rVB5	5855	8870	0.16%	0.014%
24	9.335	1097	1106	1114	rBV	719385	1328681	24.58%	2.035%
25	9.418	1117	1120	1126	rVB6	13245	18391	0.34%	0.028%
26	9.723	1166	1172	1176	rBV7	20775	40708	0.75%	0.062%
27	10.058	1222	1229	1239	rBV	682956	1236320	22.87%	1.894%
28	10.211	1246	1255	1261	rBV2	108534	236229	4.37%	0.362%
29	10.434	1289	1293	1296	rVB5	6198	8974	0.17%	0.014%
30	10.604	1314	1322	1334	rBV	1060883	1940085	35.89%	2.972%
31	10.757	1341	1348	1360	rBV10	16563	51791	0.96%	0.079%
32	10.992	1380	1388	1398	rBV	858242	1578364	29.20%	2.418%
33	11.121	1403	1410	1420	rBV	550275	1045740	19.35%	1.602%
34	11.221	1425	1427	1430	rVB4	9632	8291	0.15%	0.013%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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	11.509	1473	1476	1477	rVB3	8956	8080	0.15%	0.012%
36	11.562	1479	1485	1487	rBV4	13036	20047	0.37%	0.031%
37	11.756	1513	1518	1521	rVB6	13253	22158	0.41%	0.034%
38	11.891	1536	1541	1546	rBV4	12500	25615	0.47%	0.039%
39	12.067	1568	1571	1573	rVB4	8171	9684	0.18%	0.015%
40	12.273	1604	1606	1610	rBV3	7356	7877	0.15%	0.012%
41	12.355	1615	1620	1622	rVV4	9964	14920	0.28%	0.023%
42	12.373	1622	1623	1628	rVB5	7919	9067	0.17%	0.014%
43	12.567	1651	1656	1660	rVB3	18952	26998	0.50%	0.041%
44	12.737	1683	1685	1689	rBV3	6269	10635	0.20%	0.016%
45	12.949	1717	1721	1722	rBV3	9758	11350	0.21%	0.017%
46	13.148	1752	1755	1757	rBV3	10160	14164	0.26%	0.022%
47	13.266	1772	1775	1777	rBV2	8719	8058	0.15%	0.012%
48	13.430	1802	1803	1806	rBV3	9528	8675	0.16%	0.013%
49	13.607	1830	1833	1837	rVB3	14940	20876	0.39%	0.032%
50	13.683	1841	1846	1849	rBV5	19656	31953	0.59%	0.049%
51	13.718	1849	1852	1853	rBV3	11475	14686	0.27%	0.022%
52	13.777	1860	1862	1865	rBV4	8077	8038	0.15%	0.012%
53	13.912	1879	1885	1886	rBV4	18729	33064	0.61%	0.051%
54	13.936	1886	1889	1894	rVB2	23888	37512	0.69%	0.057%
55	14.124	1916	1921	1926	rVB5	48244	80496	1.49%	0.123%
56	14.200	1927	1934	1939	rVV	1912117	2956474	54.69%	4.529%
57	14.247	1939	1942	1949	rVB	589524	801644	14.83%	1.228%
58	14.453	1973	1977	1978	rBV4	6471	8429	0.16%	0.013%
59	14.500	1978	1985	1995	rVB	2048762	3239267	59.92%	4.962%
60	14.635	2002	2008	2009	rBV6	21449	21417	0.40%	0.033%
61	14.676	2012	2015	2020	rVB3	34854	48794	0.90%	0.075%
62	14.805	2030	2037	2044	rBV2	1611197	2607428	48.23%	3.994%
63	14.864	2044	2047	2052	rVB5	27383	38321	0.71%	0.059%
64	14.999	2063	2070	2082	rBV	916882	1634175	30.23%	2.503%
65	15.152	2092	2096	2101	rVB2	48593	75368	1.39%	0.115%
66	15.540	2157	2162	2164	rVB4	30826	39994	0.74%	0.061%
67	15.628	2174	2177	2181	rVB3	53932	67507	1.25%	0.103%
68	15.681	2181	2186	2189	rBV7	13069	23723	0.44%	0.036%
69	15.798	2199	2206	2215	rVB	2826354	4386149	81.14%	6.718%
70	15.904	2218	2224	2231	rBV	1007116	1511707	27.97%	2.316%
71	16.033	2241	2246	2251	rVB6	51826	83387	1.54%	0.128%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : A4TW6

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

72	16.174	2267	2270	2271	rBV3	15013	13788	0.26%	0.021%
73	16.333	2295	2297	2300	rBV3	7955	8439	0.16%	0.013%
74	16.492	2320	2324	2327	rBV3	63812	75353	1.39%	0.115%
75	16.674	2353	2355	2359	rVB5	18157	21657	0.40%	0.033%
76	16.832	2379	2382	2386	rBV5	25719	39213	0.73%	0.060%
77	16.926	2395	2398	2402	rBV6	32868	44405	0.82%	0.068%
78	17.255	2450	2454	2456	rBV5	40788	55063	1.02%	0.084%
79	17.285	2456	2459	2463	rVB2	160107	196316	3.63%	0.301%
80	17.561	2499	2506	2511	rBV	2017153	3228746	59.73%	4.946%
81	17.655	2516	2522	2529	rVB	2780577	4432203	81.99%	6.789%
82	17.761	2537	2540	2548	rVB8	40680	64332	1.19%	0.099%
83	17.831	2548	2552	2557	rBV4	37374	65550	1.21%	0.100%
84	18.031	2582	2586	2592	rVB	116189	152997	2.83%	0.234%
85	18.307	2628	2633	2638	rBV9	36490	66609	1.23%	0.102%
86	18.425	2648	2653	2666	rVB	592727	796096	14.73%	1.219%
87	18.718	2699	2703	2706	rBV6	64172	88986	1.65%	0.136%
88	18.918	2734	2737	2742	rVB5	41660	55640	1.03%	0.085%
89	19.124	2769	2772	2777	rBV6	43908	53582	0.99%	0.082%
90	19.341	2805	2809	2811	rBV3	96009	125194	2.32%	0.192%
91	19.688	2865	2868	2873	rBV4	189253	271831	5.03%	0.416%
92	19.941	2904	2911	2920	rVB	3572313	5405698	100.00%	8.280%
93	20.416	2987	2992	2994	rBV5	184080	278892	5.16%	0.427%
94	20.469	2998	3001	3005	rVB4	228323	283146	5.24%	0.434%
95	21.468	3166	3171	3184	rBV	788400	1465930	27.12%	2.245%
96	21.856	3231	3237	3243	rBV	2245165	3859575	71.40%	5.912%
97	22.696	3372	3380	3399	rVB5	633664	1909780	35.33%	2.925%
98	24.241	3638	3643	3649	rVB2	539498	1089952	20.16%	1.670%
99	24.999	3763	3772	3783	rVB	1733277	4755841	87.98%	7.285%
100	25.234	3802	3812	3824	rVB2	1304309	3890605	71.97%	5.959%

Sum of corrected areas: 65285769

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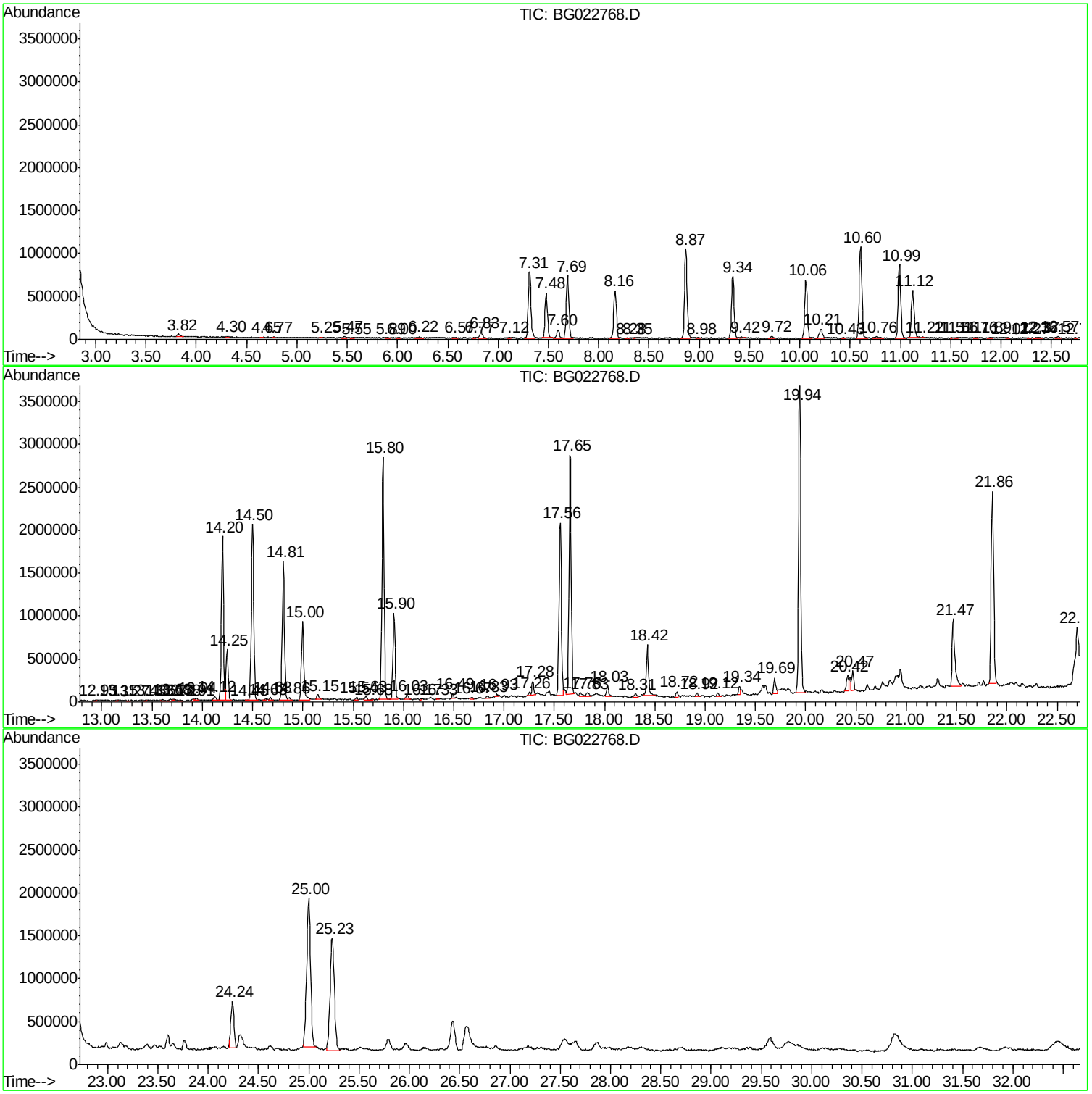
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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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Quant Title : SVOA CALIBRATION

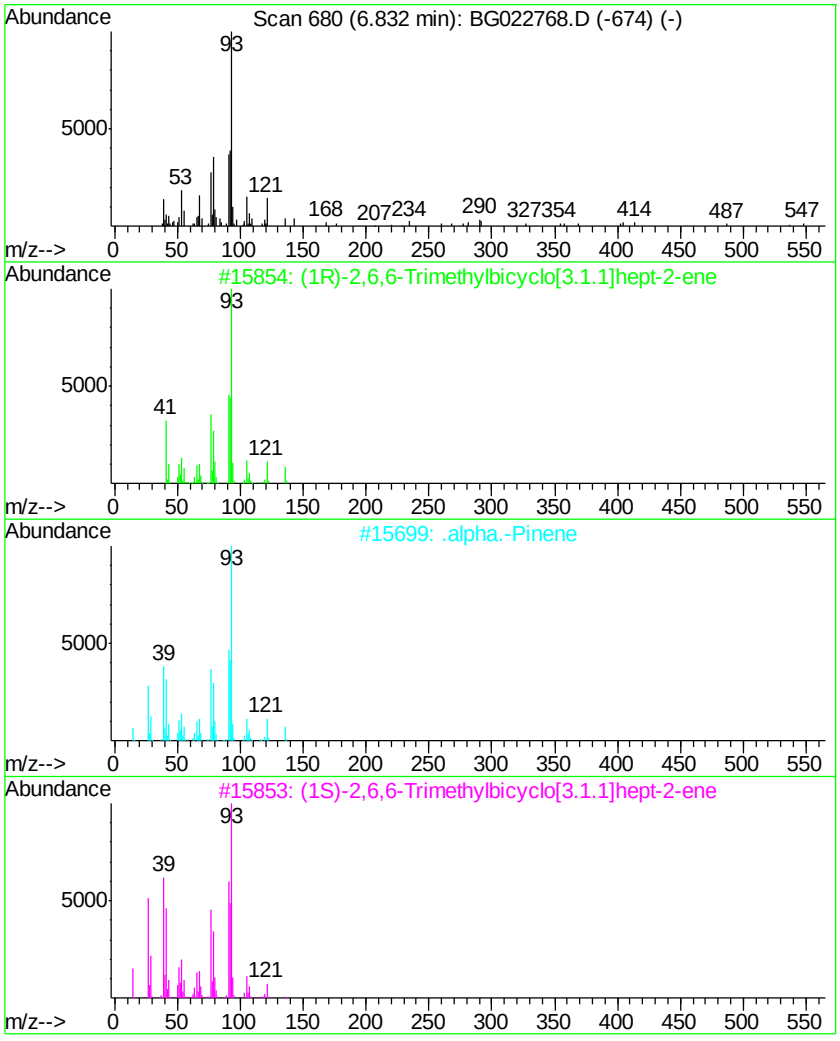
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

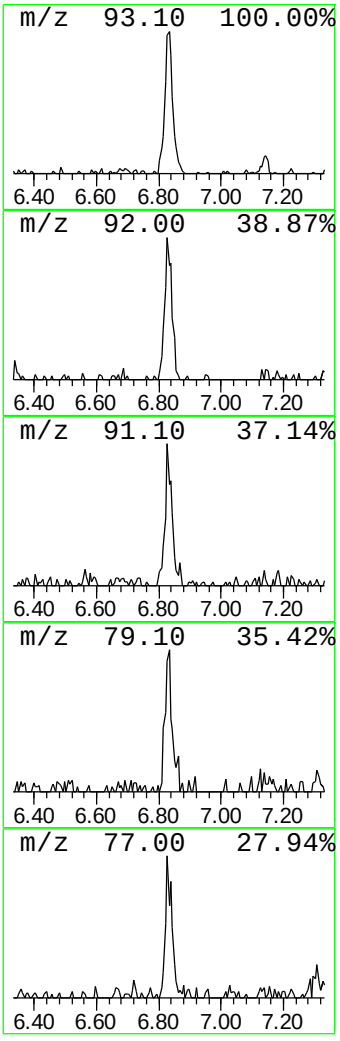
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	2.42 ng/ul	123500	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
2	.alpha.-Pinene	136	C10H16	000080-56-8	90
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	78
4	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	78
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
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Operator : UM/SJ
Sample : H3811-18
Misc :
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Instrument : BNA_G
ClientSampleId : A4TW6

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

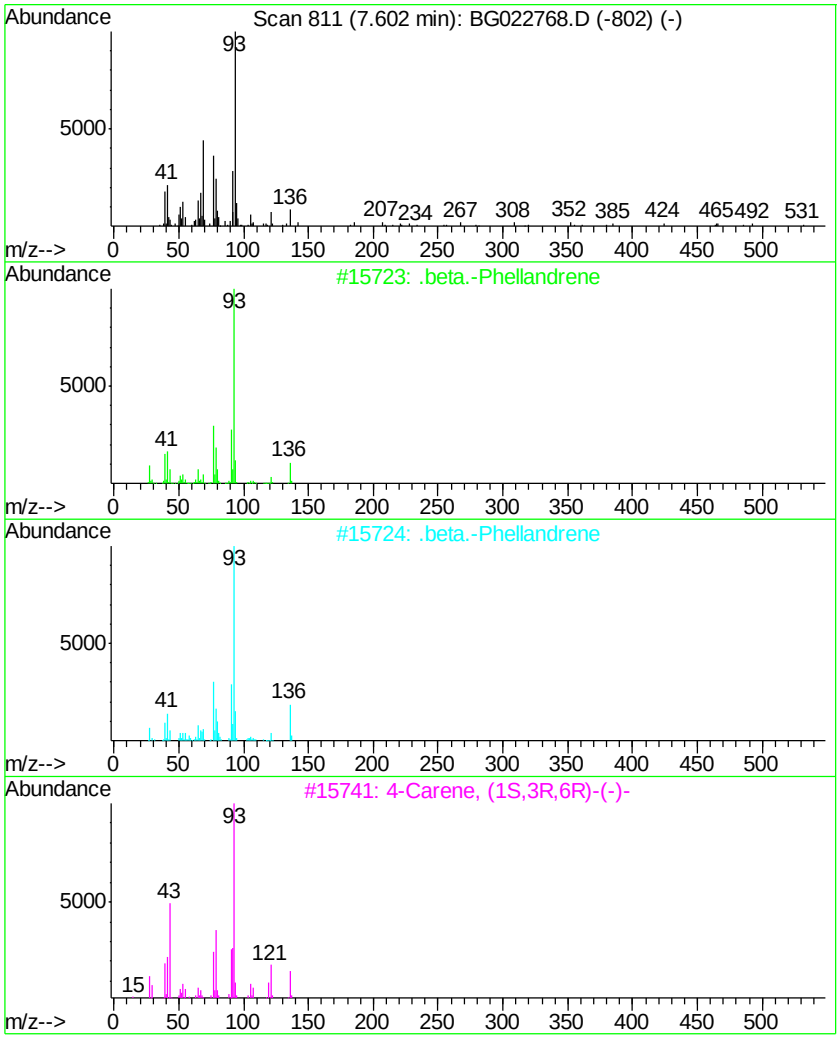
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

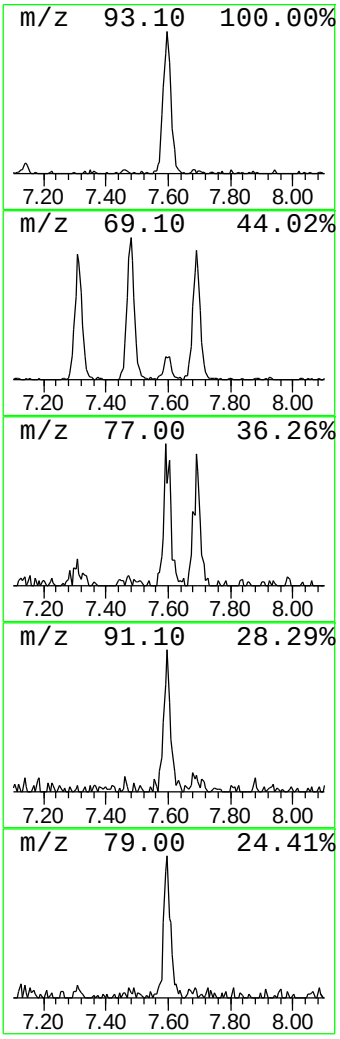
****

Peak Number 2 .beta.-Phellandrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.69 ng/ul	188498	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Phellandrene	136	C10H16	000555-10-2	72
2	.beta.-Phellandrene	136	C10H16	000555-10-2	72
3	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	72
4	.beta.-Phellandrene	136	C10H16	000555-10-2	72
5	.beta.-Pinene	136	C10H16	000127-91-3	72





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

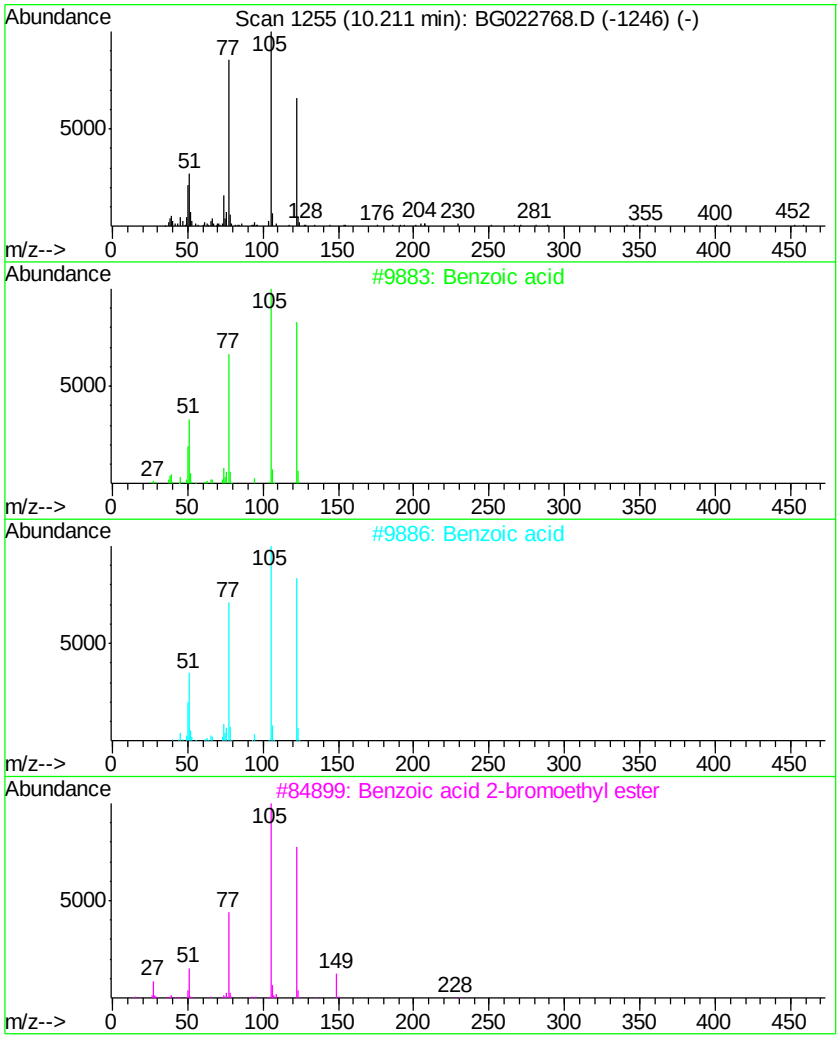
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

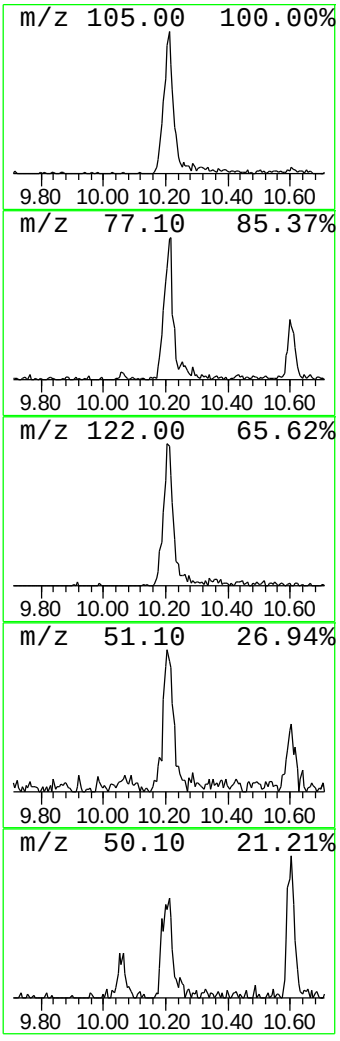
****

Peak Number 3 Benzoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.99 ng/ul	236229	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	90
2	Benzoic acid	122	C7H6O2	000065-85-0	90
3	Benzoic acid 2-bromoethyl ester	228	C9H9BrO2	000939-54-8	72
4	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	64
5	Benzoic acid	122	C7H6O2	000065-85-0	64





Library Search Compound Report

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Acq On : 1 Jul 2016 21:45
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Instrument : BNA_G
ClientSampleId : A4TW6

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

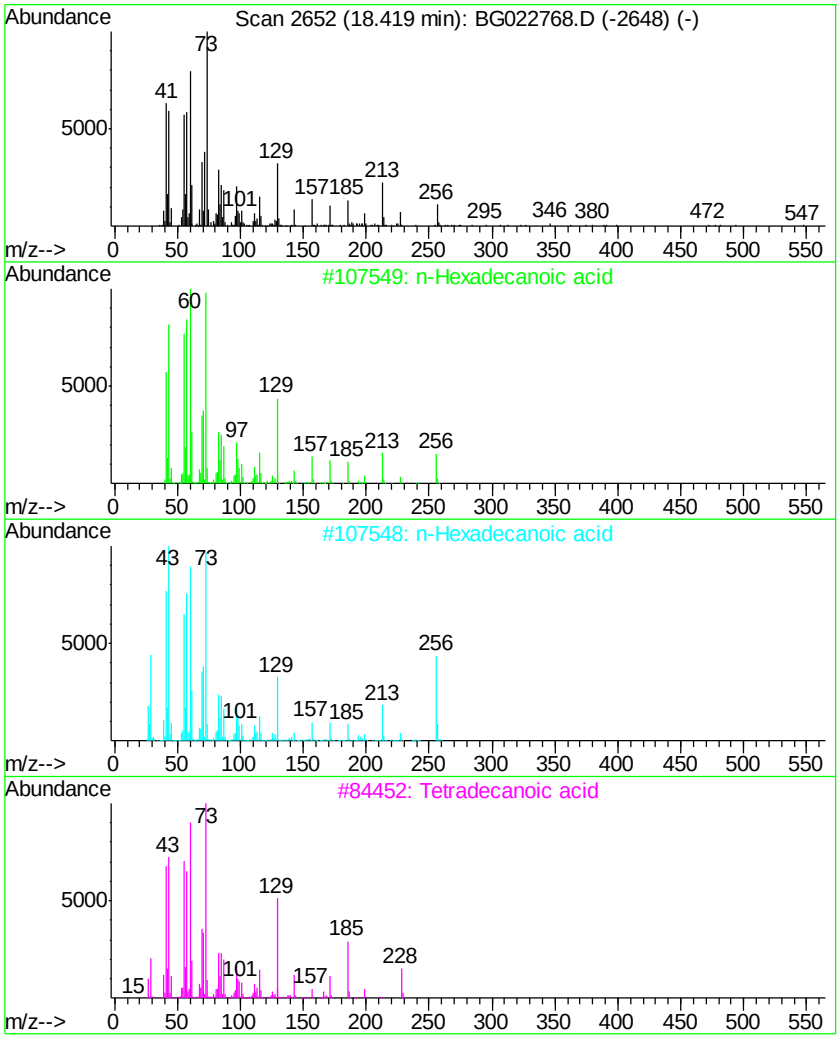
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

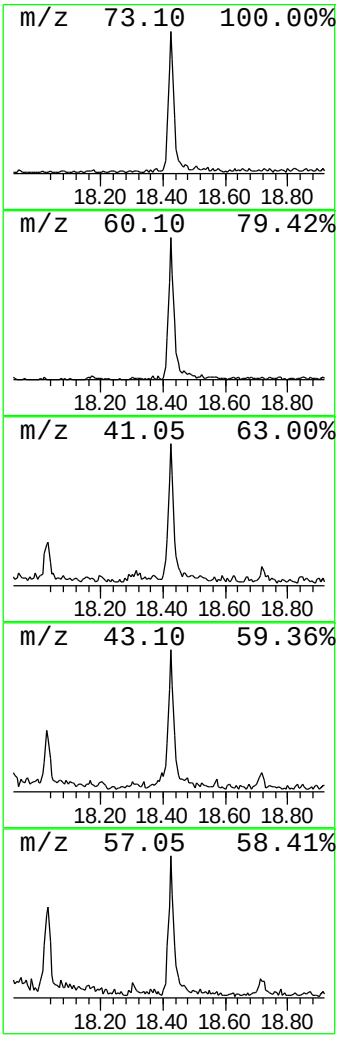
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.93 ng/ul	796096	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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Data File : BG022768.D
Acq On : 1 Jul 2016 21:45
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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

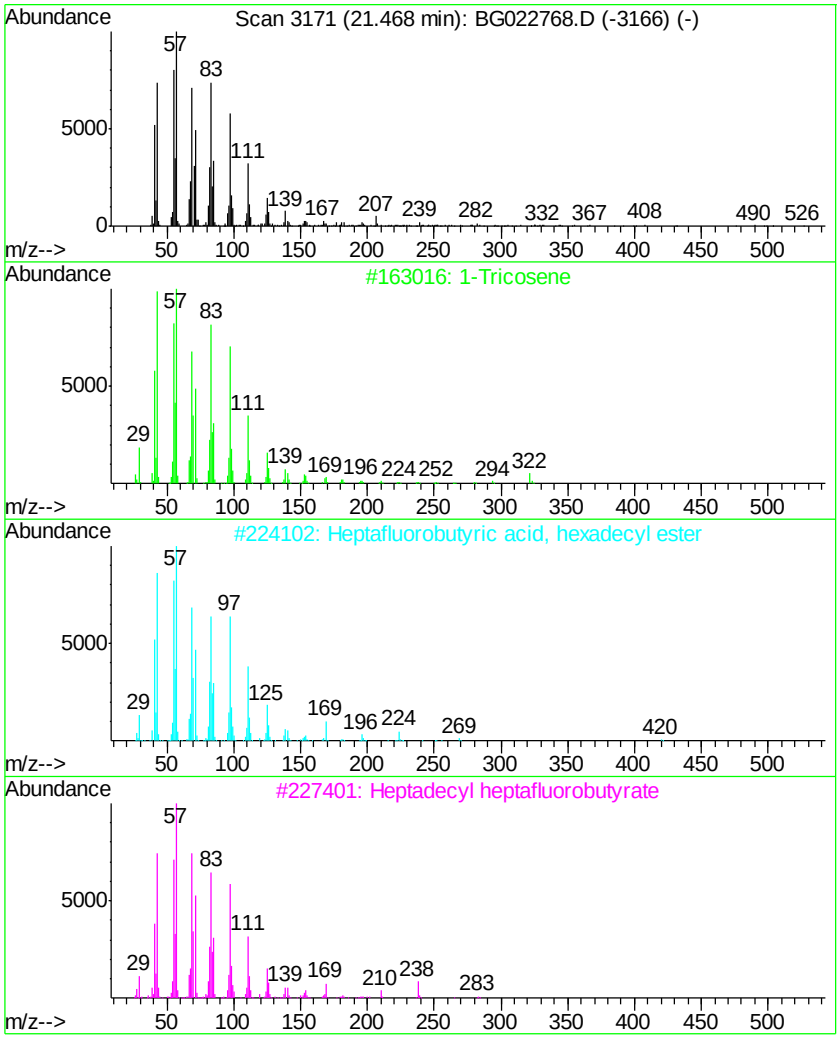
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

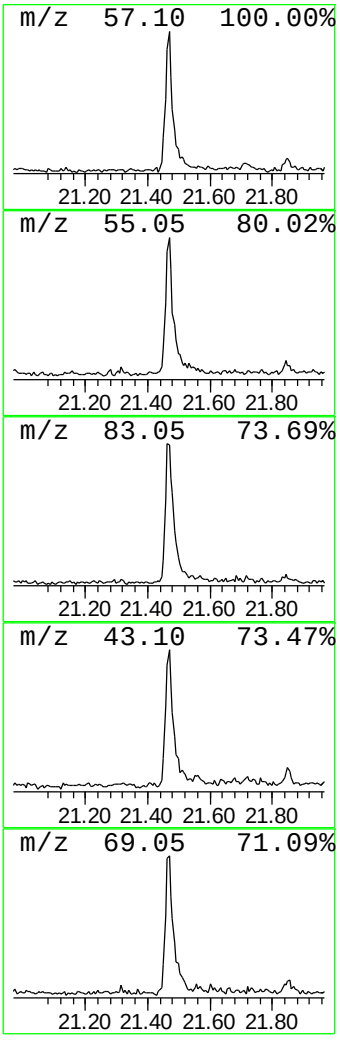
****

Peak Number 5 (DEL) Alkane: Cyclic21.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	7.60 ng/ul	1465930	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022768.D
Acq On : 1 Jul 2016 21:45
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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

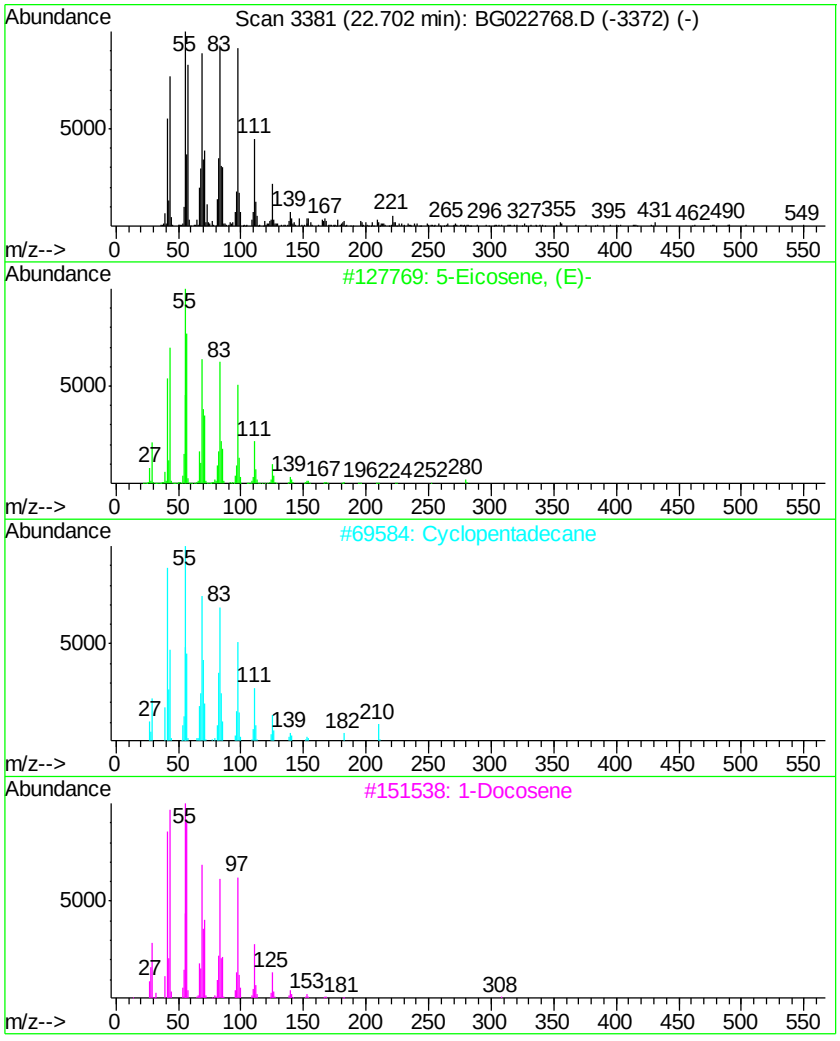
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

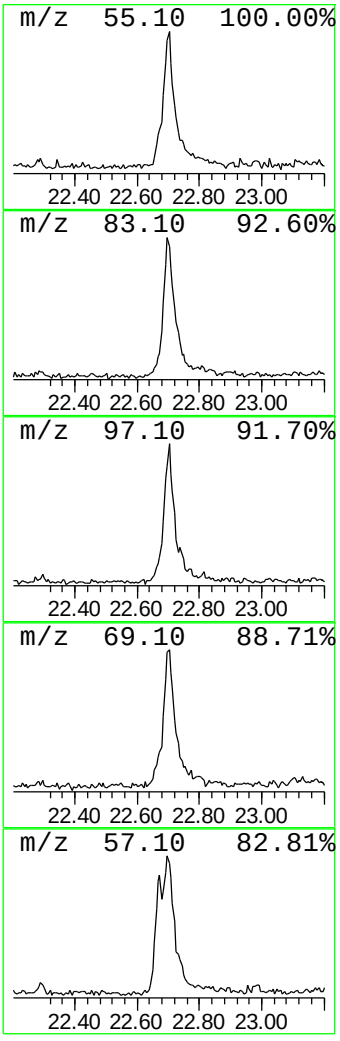
****

Peak Number 6 (DEL) Alkane: Cyclic22.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	9.90 ng/ul	1909780	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Data File : BG022768.D
Acq On : 1 Jul 2016 21:45
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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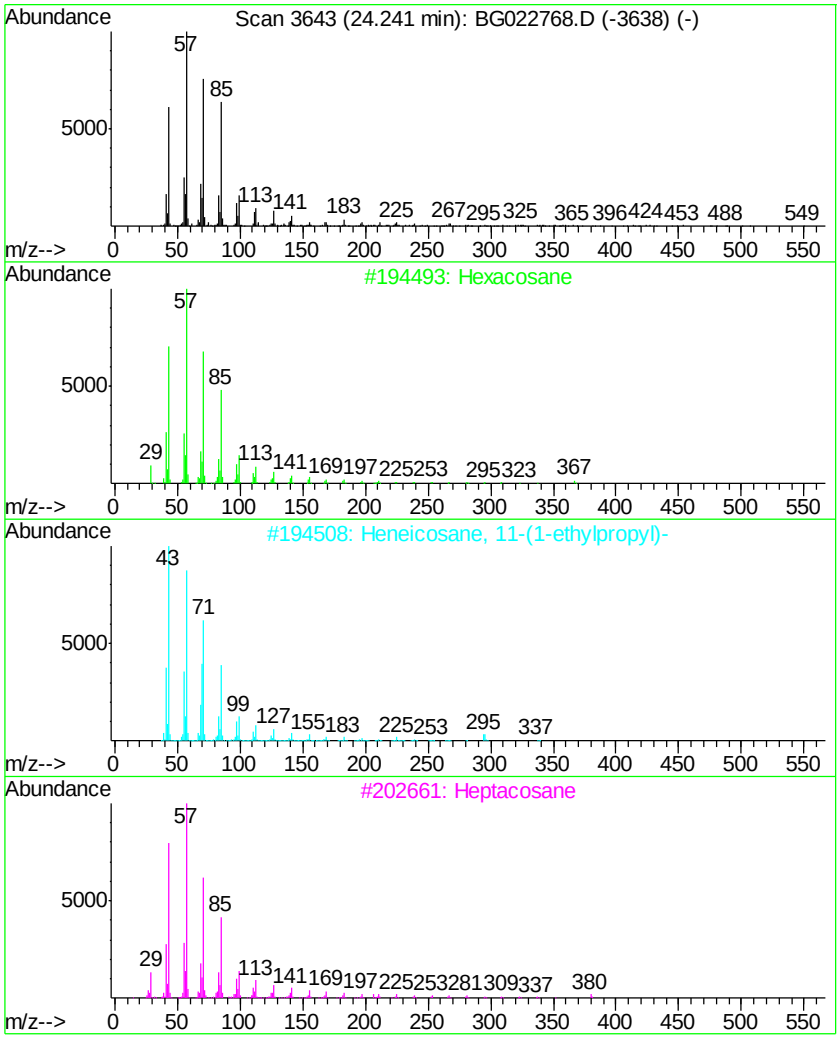
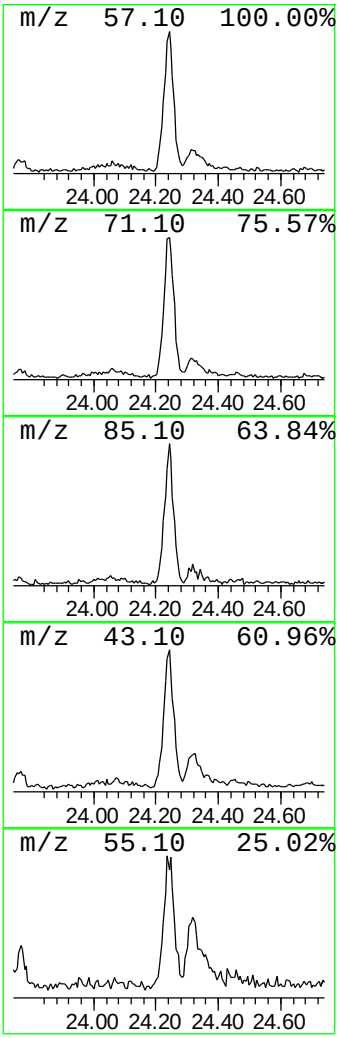
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	5.60 ng/ul	1089950	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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Data File : BG022768.D
Acq On : 1 Jul 2016 21:45
Operator : UM/SJ
Sample : H3811-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4TW6

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	2.4	ng/ul	123500	1	8.17	1021190	20.0
.beta.-Phellandrene	7.60	3.7	ng/ul	188498	1	8.17	1021190	20.0
Benzoic acid	10.21	3.0	ng/ul	236229	2	10.99	1578360	20.0
n-Hexadecanoic acid	18.42	4.9	ng/ul	796096	4	17.56	3228750	20.0
(DEL) Alkane: Cyc...	21.47	7.6	ng/ul	1465930	5	21.86	3859580	20.0
(DEL) Alkane: Cyc...	22.70	9.9	ng/ul	1909780	5	21.86	3859580	20.0
(DEL) Alkane: Str...	24.24	5.6	ng/ul	1089950	6	25.23	3890610	20.0