LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019195.D
Acq On : 14 Oct 2015 1:20
Operator : UM/NP
Sample : G3966-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

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-BG100415.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	3.144	48	52	59	rVV	25803	39765	6.50%	0.591%
2	3.214	60	64	71	rVB	57824	78879	12.89%	1.173%
3	4.225	232	236	243	rVB	11770	15979	2.61%	0.238%
4	5.129	387	390	394	rBV5	1144	1623	0.27%	0.024%
5	6.540	625	630	634	rBV4	1354	2671	0.44%	0.040%
6	7.062	715	719	731	rBV2	13160	32762	5.35%	0.487%
7	7.145	731	733	735	rVV2	2796	3035	0.50%	0.045%
8	7.192	735	741	751	rVB	78322	135249	22.10%	2.011%
9	7.356	763	769	776	rVB	52626	85999	14.05%	1.279%
10	7.562	798	804	811	rVB2	73566	118496	19.36%	1.762%
11	7.938	865	868	873	rBV3	910	1610	0.26%	0.024%
12	8.032	878	884	891	rVB	61489	98354	16.07%	1.463%
13	8.737	997	1004	1012	rVB	101954	168929	27.60%	2.512%
14	9.189	1074	1081	1089	rVB	78623	133063	21.74%	1.979%
15	9.260	1089	1093	1097	rVB2	1444	1861	0.30%	0.028%
16	9.912	1196	1204	1211	rBV2	66966	119606	19.54%	1.779%
17	10.453	1289	1296	1307	rBV	99558	175552	28.68%	2.611%
18	10.600	1318	1321	1327	rVB3	913	1569	0.26%	0.023%
19	10.835	1353	1361	1370	rVB	90628	162123	26.49%	2.411%
20	10.970	1379	1384	1391	rVB3	6564	11752	1.92%	0.175%
21	12.251	1598	1602	1605	rVB3	1596	2107	0.34%	0.031%
22	12.415	1625	1630	1634	rBV2	1493	2356	0.38%	0.035%
23	13.020	1729	1733	1737	rBV2	1712	2223	0.36%	0.033%
24	13.196	1759	1763	1766	rVB2	1204	1781	0.29%	0.026%
25	13.267	1770	1775	1779	rBV3	2976	4400	0.72%	0.065%
26	13.484	1805	1812	1815	rBV3	2930	4195	0.69%	0.062%
27	13.549	1818	1823	1829	rVV3	3009	5411	0.88%	0.080%
28	14.060	1904	1910	1914	rBV	205497	298557	48.78%	4.440%
29	14.107	1914	1918	1927	rVB	113373	159099	25.99%	2.366%
30	14.354	1952	1960	1966	rBV	211463	334492	54.65%	4.975%
31	14.554	1990	1994	1997	rBV3	3504	4122	0.67%	0.061%
32	14.659	2005	2012	2020	rVB2	156655	247893	40.50%	3.687%
33	14.853	2039	2045	2054	rBV2	100437	162338	26.52%	2.414%
34	15.177	2096	2100	2103	rBV2	984	1318	0.22%	0.020%

LSC Area Percent Report

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Data File : BG019195.D
Acq On : 14 Oct 2015 1:20
Operator : UM/NP
Sample : G3966-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

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-BG100415.M
Title : SVOA CALIBRATION

35	15.459	2143	2148	2151	rBV3	3983	6848	1.12%	0.102%
36	15.500	2153	2155	2161	rVB2	7310	7398	1.21%	0.110%
37	15.647	2174	2180	2188	rVB	293388	445833	72.84%	6.630%
38	15.758	2194	2199	2205	rBV	83670	125906	20.57%	1.872%
39	15.899	2217	2223	2229	rVV2	4670	10224	1.67%	0.152%
40	16.070	2248	2252	2257	rVB4	1345	2298	0.38%	0.034%
41	16.117	2257	2260	2265	rBV4	952	1426	0.23%	0.021%
42	16.363	2296	2302	2305	rBV	10676	16880	2.76%	0.251%
43	16.540	2327	2332	2337	rVB2	4469	5912	0.97%	0.088%
44	16.704	2357	2360	2363	rBV4	1733	1905	0.31%	0.028%
45	16.763	2368	2370	2374	rVB3	2081	2453	0.40%	0.036%
46	16.945	2397	2401	2406	rBV3	1318	2311	0.38%	0.034%
47	17.157	2432	2437	2442	rBV	11079	14705	2.40%	0.219%
48	17.209	2443	2446	2450	rVB2	4959	6776	1.11%	0.101%
49	17.403	2472	2479	2486	rVB2	210630	312624	51.08%	4.649%
50	17.503	2489	2496	2504	rVB2	328948	501021	81.86%	7.451%
51	17.585	2507	2510	2513	rVB3	1281	1533	0.25%	0.023%
52	17.632	2516	2518	2520	rBV2	1359	1274	0.21%	0.019%
53	17.679	2524	2526	2527	rBV2	1270	1318	0.22%	0.020%
54	17.779	2535	2543	2552	rBV3	32056	52023	8.50%	0.774%
55	17.897	2559	2563	2567	rVB	10204	12824	2.10%	0.191%
56	18.003	2577	2581	2585	rVB4	1574	2420	0.40%	0.036%
57	18.067	2588	2592	2594	rBV2	2345	3158	0.52%	0.047%
58	18.185	2607	2612	2617	rBV4	1698	2713	0.44%	0.040%
59	18.296	2626	2631	2636	rBV4	7753	10568	1.73%	0.157%
60	18.361	2638	2642	2645	rVV3	3477	4765	0.78%	0.071%
61	18.408	2645	2650	2652	rVV4	1672	2045	0.33%	0.030%
62	18.443	2652	2656	2663	rVV5	5821	8526	1.39%	0.127%
63	18.496	2663	2665	2669	rVB3	1336	1244	0.20%	0.019%
64	18.584	2676	2680	2685	rBV3	9228	12134	1.98%	0.180%
65	18.714	2697	2702	2706	rBV3	9962	11909	1.95%	0.177%
66	18.755	2708	2709	2714	rVB3	1989	1871	0.31%	0.028%
67	18.996	2747	2750	2752	rVB3	1466	1633	0.27%	0.024%
68	19.142	2770	2775	2785	rBV	148943	202351	33.06%	3.009%
69	19.213	2785	2787	2794	rVB3	9808	14181	2.32%	0.211%
70	19.342	2807	2809	2811	rVB2	2515	1397	0.23%	0.021%
71	19.424	2819	2823	2824	rBV2	2968	3778	0.62%	0.056%

LSC Area Percent Report

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Instrument : BNA_G
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Title : SVOA CALIBRATION

72	19.471	2829	2831	2834	rVB2	1532	1475	0.24%	0.022%
73	19.671	2862	2865	2868	rBV3	2536	3000	0.49%	0.045%
74	19.712	2869	2872	2875	rVB2	3762	3609	0.59%	0.054%
75	19.789	2879	2885	2893	rVV	423998	590732	96.52%	8.785%
76	20.188	2949	2953	2955	rBV3	2028	3149	0.51%	0.047%
77	20.288	2966	2970	2972	rBV3	3186	4989	0.82%	0.074%
78	20.323	2972	2976	2980	rVB2	11856	15466	2.53%	0.230%
79	20.652	3028	3032	3035	rVB3	10090	12571	2.05%	0.187%
80	20.758	3046	3050	3053	rBV6	3936	6308	1.03%	0.094%
81	20.817	3057	3060	3064	rVB	12014	12064	1.97%	0.179%
82	20.976	3085	3087	3088	rBV2	1816	1622	0.27%	0.024%
83	20.993	3088	3090	3093	rVB3	2420	2054	0.34%	0.031%
84	21.070	3101	3103	3106	rBV4	1524	1461	0.24%	0.022%
85	21.316	3135	3145	3156	rBV2	46833	86036	14.06%	1.280%
86	21.675	3200	3206	3215	rVB	250362	389720	63.67%	5.796%
87	22.480	3341	3343	3347	rBV4	3490	4821	0.79%	0.072%
88	23.361	3490	3493	3500	rVB6	7846	14261	2.33%	0.212%
89	23.990	3595	3600	3608	rVB4	4666	10765	1.76%	0.160%
90	24.430	3670	3675	3681	rVB4	11864	24110	3.94%	0.359%
91	24.677	3706	3717	3730	rVV	226266	612059	100.00%	9.102%
92	24.900	3744	3755	3773	rVB2	133458	389794	63.69%	5.797%
93	25.435	3844	3846	3848	rBV2	1397	1265	0.21%	0.019%
94	25.535	3861	3863	3867	rBV5	1501	1729	0.28%	0.026%
95	25.741	3889	3898	3908	rVB6	16380	48724	7.96%	0.725%
96	26.363	4002	4004	4005	rBV	1541	1340	0.22%	0.020%
97	26.833	4082	4084	4086	rBV3	1863	1631	0.27%	0.024%
98	27.204	4145	4147	4149	rBV3	1526	1624	0.27%	0.024%
99	27.374	4170	4176	4186	rBV9	13217	38110	6.23%	0.567%
100	29.066	4462	4464	4466	rBV2	2090	2272	0.37%	0.034%

Sum of corrected areas: 6724115

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019195.D
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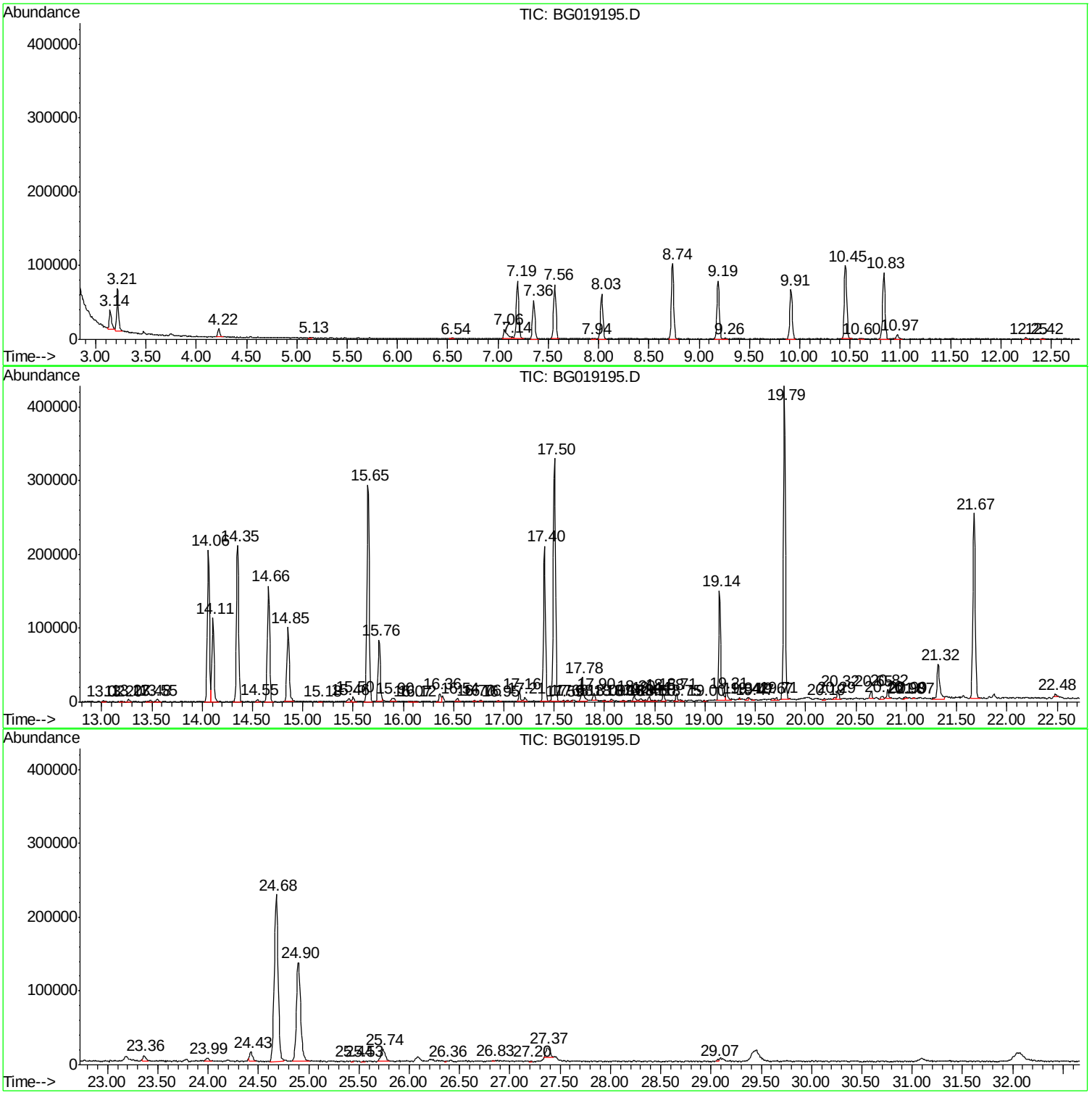
Instrument :
BNA_G
ClientSampleId :
E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

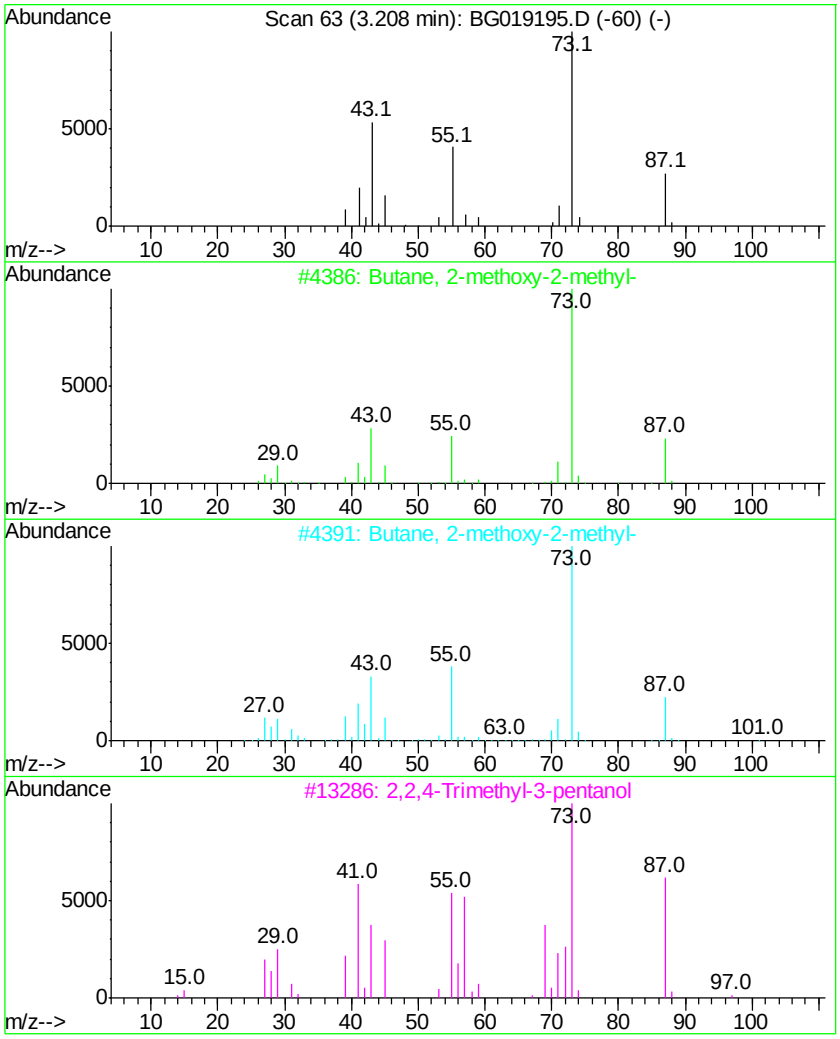
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

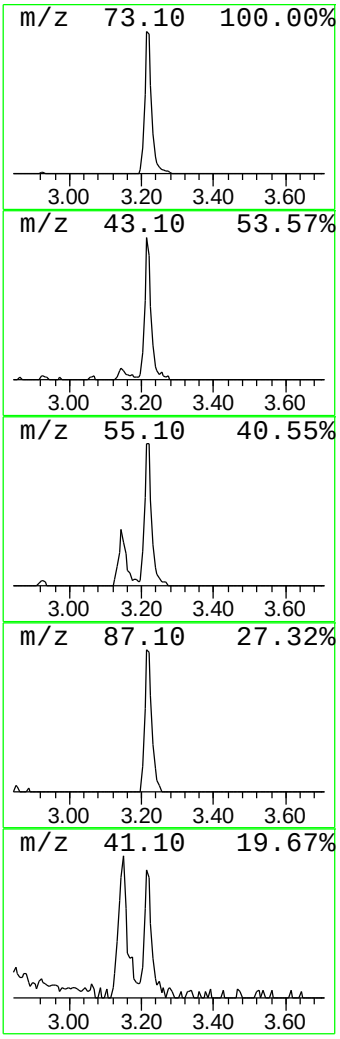
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	16.04 ng/ul	78879	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019195.D
Acq On : 14 Oct 2015 1:20
Operator : UM/NP
Sample : G3966-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

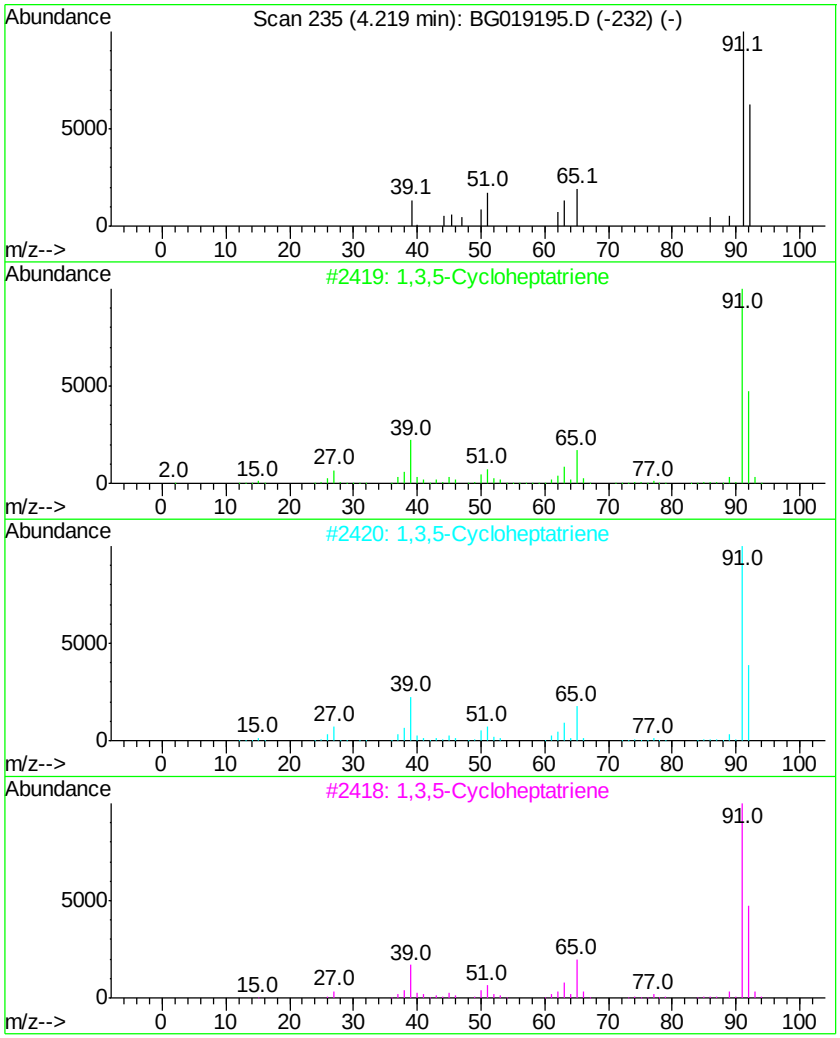
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

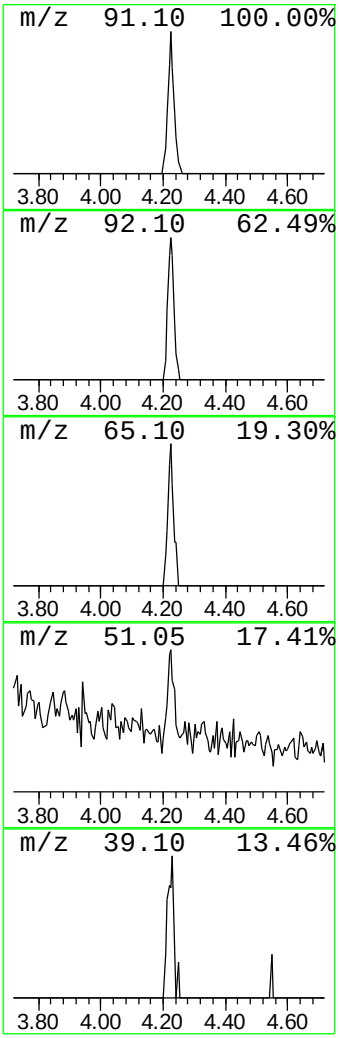
****

Peak Number 3 1,3,5-Cycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	3.25 ng/ul	15979	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	91
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72
5	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

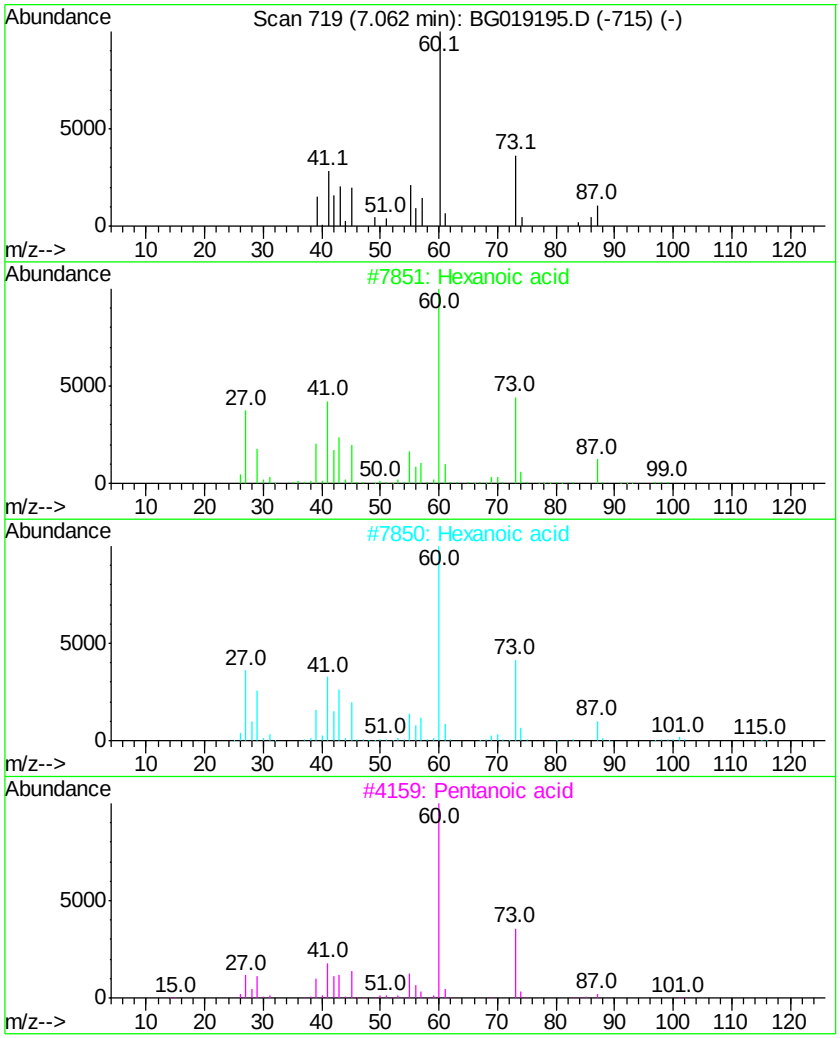
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

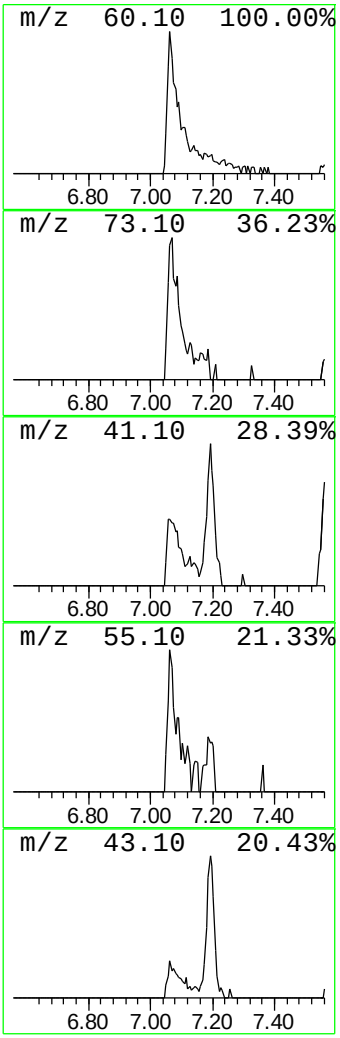
****

Peak Number 4 Hexanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	6.66 ng/ul	32762	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Pentanoic acid	102	C5H10O2	000109-52-4	72
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
5	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	36





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

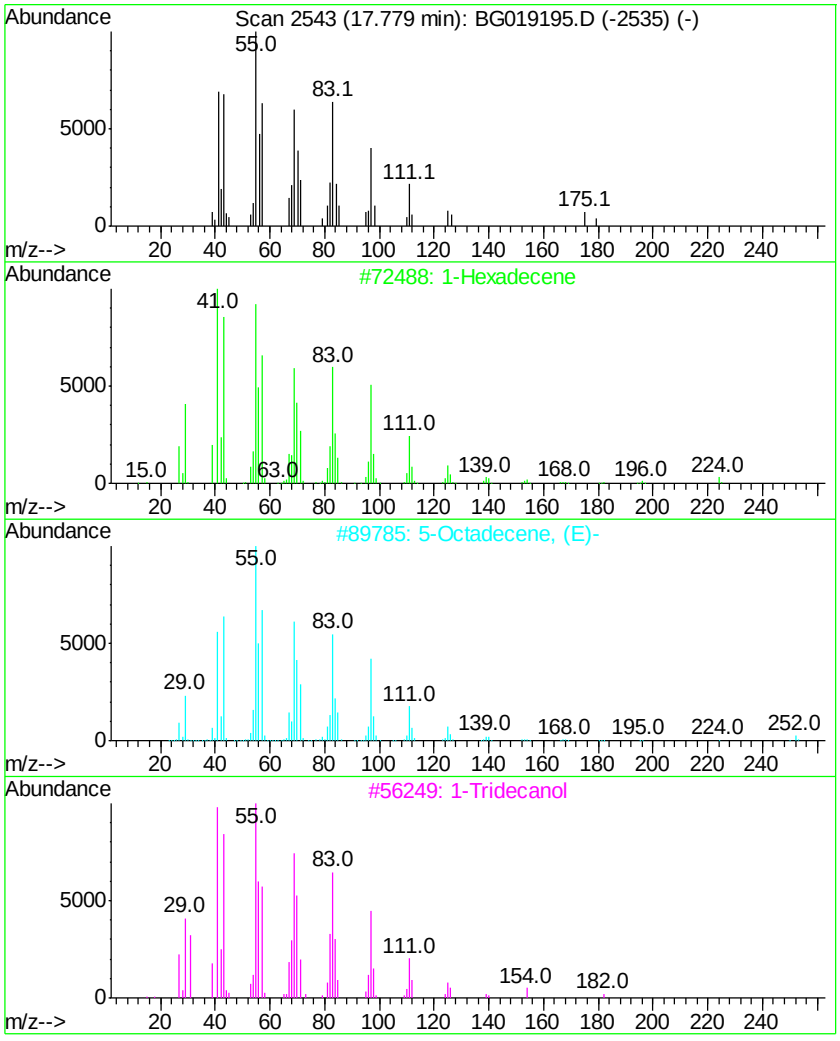
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

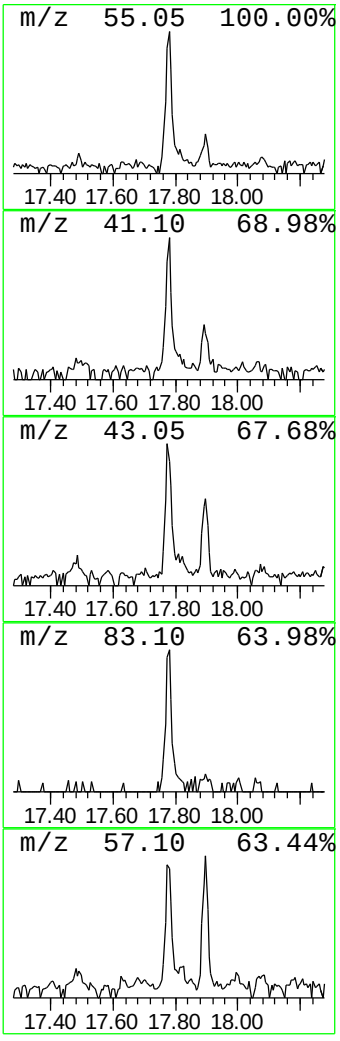
****

Peak Number 5 (DEL) Alkane: Cyclic17.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.33 ng/ul	52023	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
3	1-Tridecanol	200	C13H28O	000112-70-9	87
4	1-Hexadecanol	242	C16H34O	036653-82-4	87
5	Cyclotetradecane	196	C14H28	000295-17-0	87





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Operator : UM/NP
Sample : G3966-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

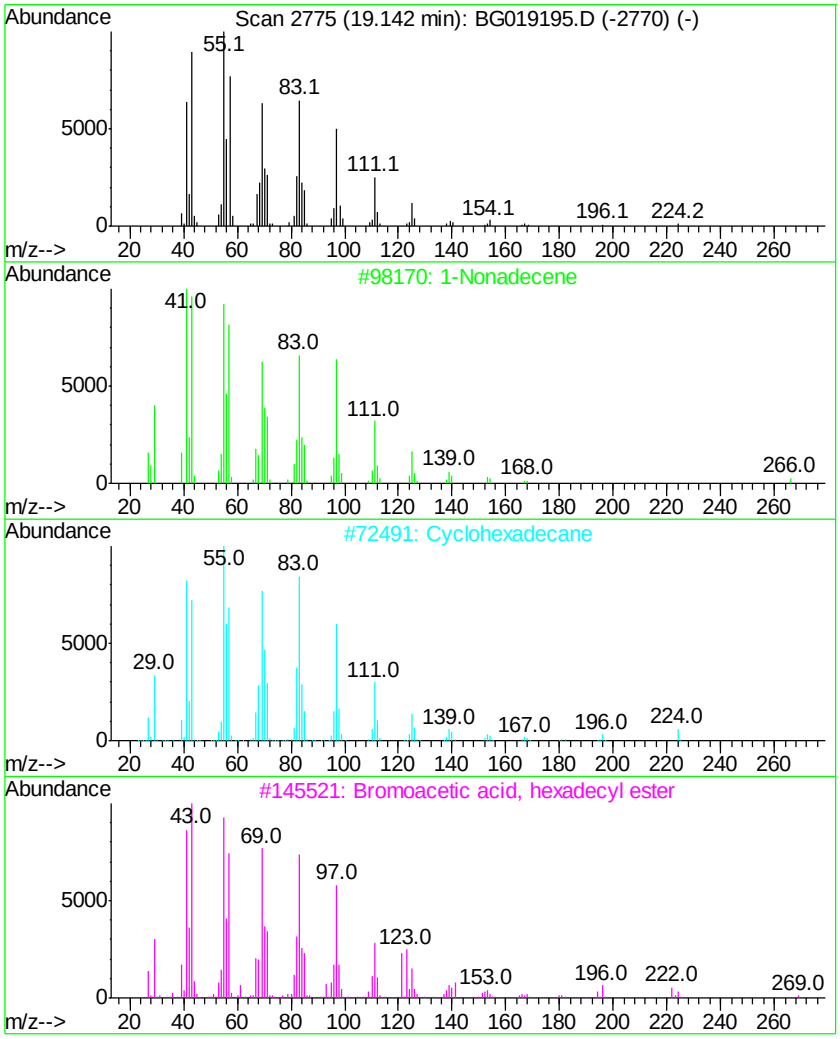
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

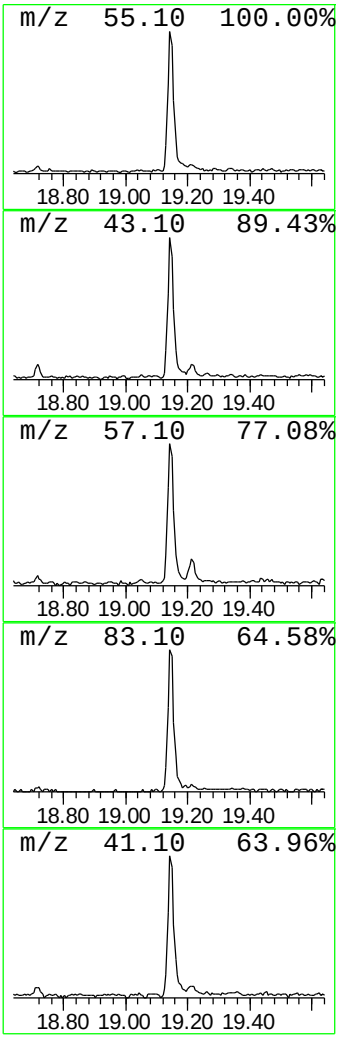
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	12.95 ng/ul	202351	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	87
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	87





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

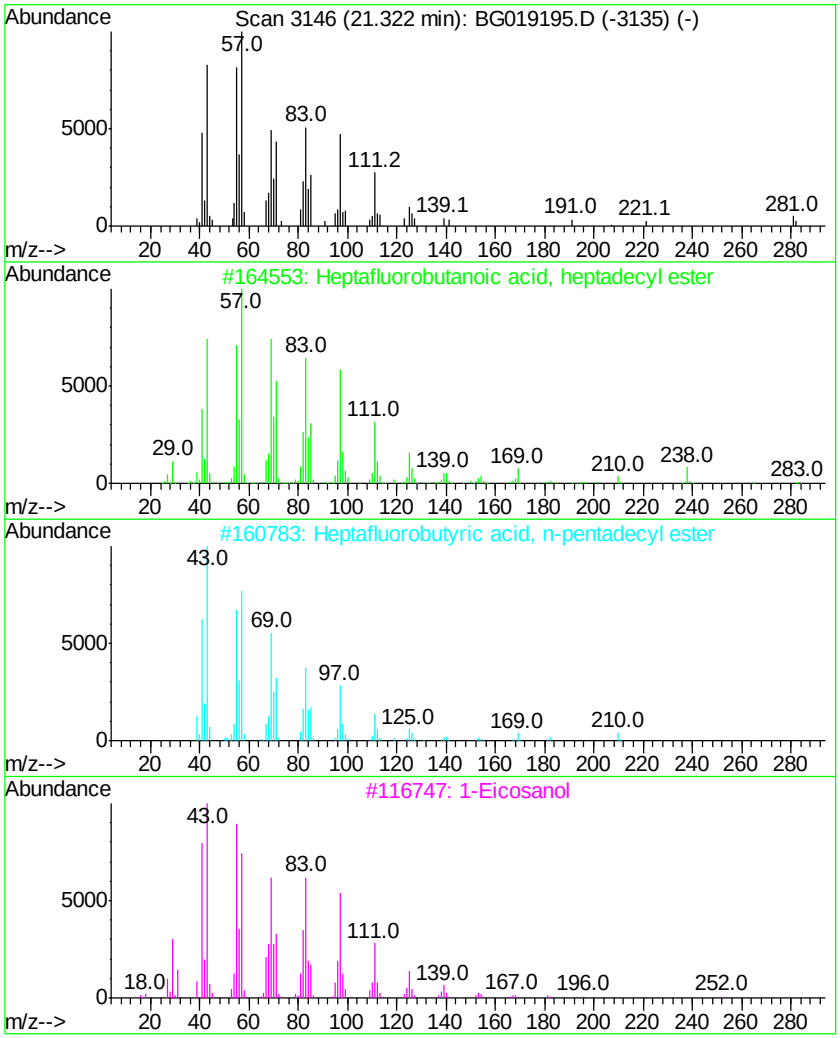
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

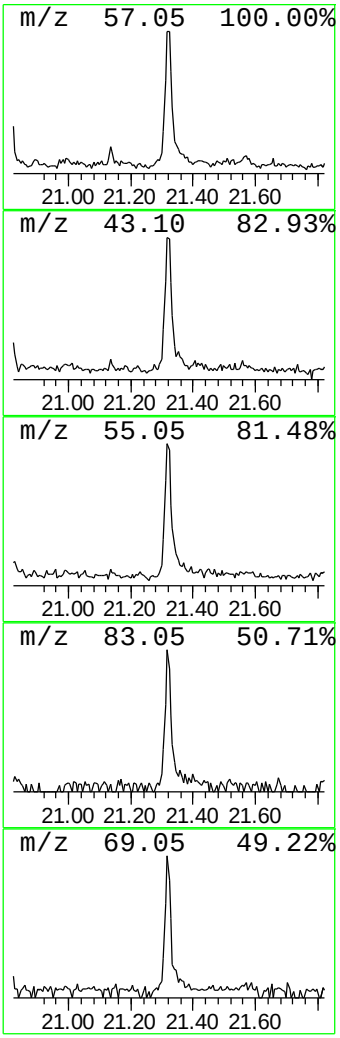
****

Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.42 ng/ul	86036	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3	1-Eicosanol	298	C20H42O	000629-96-9	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019195.D
Acq On : 14 Oct 2015 1:20
Operator : UM/NP
Sample : G3966-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

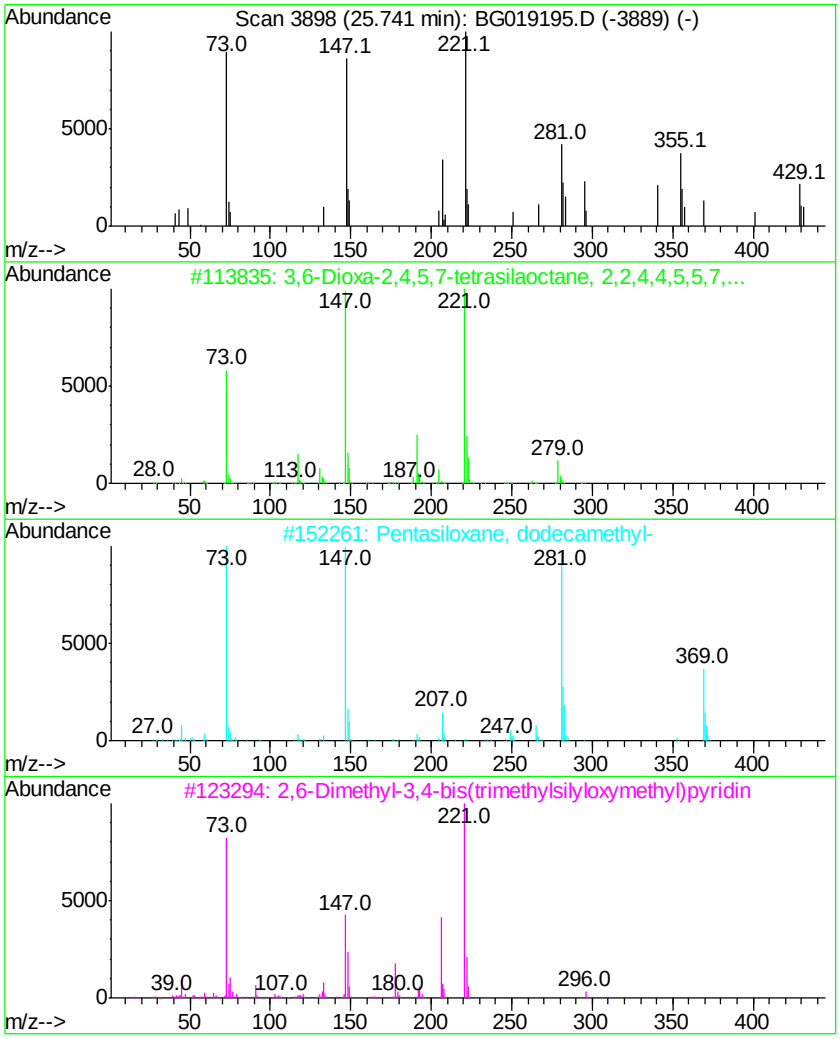
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

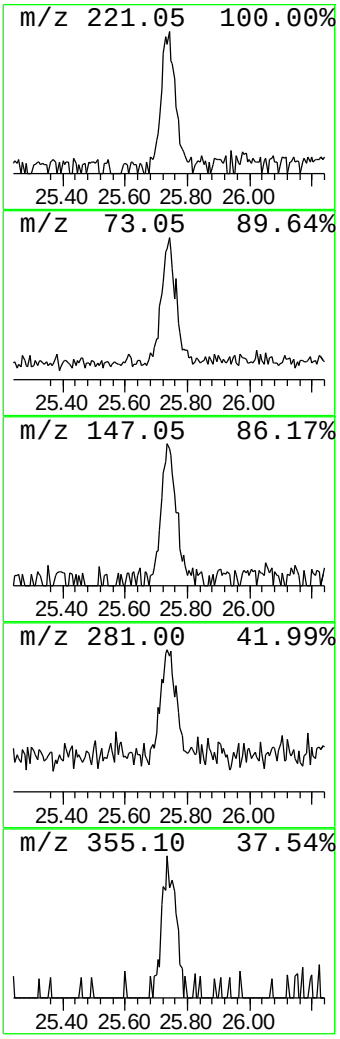
****

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.50 ng/ul	48724	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	22
3	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	14
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	10
5	2-Dimethyl(trimethylsilylmethyl)...	372	C21H48OSi2	1000245-45-6	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101415\
Data File : BG019195.D
Acq On : 14 Oct 2015 1:20
Operator : UM/NP
Sample : G3966-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.21	16.0	ng/ul	78879	1	8.03	98354	20.0
1,3,5-Cycloheptat...	4.22	3.3	ng/ul	15979	1	8.03	98354	20.0
Hexanoic acid	7.06	6.7	ng/ul	32762	1	8.03	98354	20.0
(DEL) Alkane: Cyc...	17.78	3.3	ng/ul	52023	4	17.40	312624	20.0
(DEL) Alkane: Str...	19.14	12.9	ng/ul	202351	4	17.40	312624	20.0
Heptafluorobutano...	21.32	4.4	ng/ul	86036	5	21.67	389720	20.0
unknown-01	25.74	2.5	ng/ul	48724	6	24.90	389794	20.0