LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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	3.062	34	38	47	rVB	49351	75026	3.74%	0.333%
2	3.273	72	74	83	rVB8	15486	34000	1.69%	0.151%
3	3.502	109	113	117	rBV5	15552	26348	1.31%	0.117%
4	4.008	195	199	205	rBV5	23007	31450	1.57%	0.139%
5	4.237	236	238	241	rBV3	6411	8198	0.41%	0.036%
6	4.848	339	342	347	rVB3	10187	13229	0.66%	0.059%
7	5.230	405	407	411	rBV4	8017	7878	0.39%	0.035%
8	5.994	535	537	539	rBV3	7101	5672	0.28%	0.025%
9	6.170	564	567	570	rBV4	6511	10199	0.51%	0.045%
10	6.452	614	615	617	rBV	9421	6591	0.33%	0.029%
11	6.622	640	644	650	rVB6	10678	17420	0.87%	0.077%
12	6.722	654	661	668	rVB9	12377	37593	1.87%	0.167%
13	6.816	675	677	680	rBV4	6349	8230	0.41%	0.036%
14	6.916	691	694	703	rVB8	7595	12363	0.62%	0.055%
15	7.022	710	712	716	rBV4	7554	7497	0.37%	0.033%
16	7.098	723	725	727	rBV3	7831	5764	0.29%	0.026%
17	7.251	747	751	756	rVB4	4695	8515	0.42%	0.038%
18	7.339	758	766	785	rBV2	170156	500290	24.93%	2.217%
19	7.486	785	791	803	rVB	149534	270428	13.48%	1.199%
20	7.703	820	828	840	rBV	186996	379670	18.92%	1.683%
21	8.168	899	907	919	rBV	345101	634005	31.60%	2.810%
22	8.414	946	949	951	rBV3	5135	5796	0.29%	0.026%
23	8.544	966	971	975	rVB6	3777	7179	0.36%	0.032%
24	8.602	977	981	982	rVB3	4243	5454	0.27%	0.024%
25	8.655	989	990	997	rVB5	6324	12428	0.62%	0.055%
26	8.890	1022	1030	1046	rBV2	207728	469139	23.38%	2.079%
27	9.008	1047	1050	1063	rVB4	15257	38902	1.94%	0.172%
28	9.243	1087	1090	1095	rVB4	4903	8557	0.43%	0.038%
29	9.354	1102	1109	1121	rBV	192818	400598	19.96%	1.775%
30	9.560	1140	1144	1145	rBV3	5028	5889	0.29%	0.026%
31	9.625	1153	1155	1157	rBV3	4675	4939	0.25%	0.022%
32	9.666	1157	1162	1167	rVV5	12703	23004	1.15%	0.102%
33	10.007	1217	1220	1223	rBV3	5921	8453	0.42%	0.037%
34	10.083	1226	1233	1244	rBV4	161272	338887	16.89%	1.502%

LSC Area Percent Report

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Acq On : 2 Feb 2017 12:39
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Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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	10.406	1286	1288	1293	rBV4	7298	9693	0.48%	0.043%
36	10.635	1320	1327	1347	rBV2	181107	488773	24.36%	2.166%
37	10.888	1366	1370	1372	rBV3	5983	6489	0.32%	0.029%
38	10.917	1372	1375	1380	rVB6	6894	11428	0.57%	0.051%
39	10.994	1380	1388	1401	rBV	488728	915649	45.63%	4.058%
40	11.152	1408	1415	1436	rBV3	114699	333500	16.62%	1.478%
41	11.499	1471	1474	1475	rVB3	5283	4669	0.23%	0.021%
42	11.793	1522	1524	1529	rBV3	5076	7334	0.37%	0.033%
43	11.881	1537	1539	1541	rBV2	5393	4633	0.23%	0.021%
44	11.910	1541	1544	1548	rVV2	4746	6370	0.32%	0.028%
45	11.957	1549	1552	1557	rVB5	4258	7543	0.38%	0.033%
46	11.998	1557	1559	1564	rBV4	5224	9724	0.48%	0.043%
47	12.087	1571	1574	1577	rVB4	4006	4781	0.24%	0.021%
48	12.151	1581	1585	1586	rBV3	7464	10029	0.50%	0.044%
49	12.410	1627	1629	1632	rBV4	6942	7483	0.37%	0.033%
50	12.780	1691	1692	1699	rBV3	5805	8835	0.44%	0.039%
51	12.856	1702	1705	1708	rVB2	3768	5059	0.25%	0.022%
52	12.933	1714	1718	1721	rVB2	7712	10895	0.54%	0.048%
53	12.968	1721	1724	1727	rBV2	7074	7281	0.36%	0.032%
54	13.132	1751	1752	1757	rVB4	6941	9431	0.47%	0.042%
55	13.203	1757	1764	1769	rBV5	7205	18896	0.94%	0.084%
56	13.379	1789	1794	1796	rBV4	6139	9238	0.46%	0.041%
57	13.526	1817	1819	1824	rVB3	5540	5542	0.28%	0.025%
58	13.573	1824	1827	1828	rBV3	4877	5090	0.25%	0.023%
59	13.820	1866	1869	1871	rBV2	5459	6919	0.34%	0.031%
60	13.849	1871	1874	1877	rVB4	6772	7563	0.38%	0.034%
61	13.955	1890	1892	1894	rBV2	5232	5301	0.26%	0.023%
62	14.190	1926	1932	1937	rBV	482325	734629	36.61%	3.256%
63	14.237	1938	1940	1947	rVB	95542	129440	6.45%	0.574%
64	14.495	1976	1984	1993	rBV	540456	842389	41.98%	3.734%
65	14.637	2004	2008	2016	rVB7	10689	23430	1.17%	0.104%
66	14.707	2017	2020	2023	rVV4	5810	4936	0.25%	0.022%
67	14.795	2028	2035	2043	rBV	854342	1317828	65.67%	5.841%
68	15.065	2074	2081	2098	rBV3	84489	305268	15.21%	1.353%
69	15.318	2122	2124	2130	rVB6	8523	8967	0.45%	0.040%
70	15.582	2166	2169	2175	rVB5	29561	42806	2.13%	0.190%
71	15.641	2176	2179	2180	rBV3	6372	5273	0.26%	0.023%

LSC Area Percent Report

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Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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	15.788	2197	2204	2214	rBV	709665	1139996	56.81%	5.053%
73	15.947	2224	2231	2241	rBV3	117161	273519	13.63%	1.212%
74	16.135	2257	2263	2268	rBV7	11499	21923	1.09%	0.097%
75	16.199	2270	2274	2277	rBV3	26227	38146	1.90%	0.169%
76	16.440	2311	2315	2320	rBV2	36031	65104	3.24%	0.289%
77	16.499	2321	2325	2335	rVB	92022	155931	7.77%	0.691%
78	16.593	2335	2341	2345	rBV	217858	325218	16.21%	1.441%
79	16.646	2345	2350	2357	rVV4	190334	405795	20.22%	1.799%
80	16.711	2357	2361	2365	rVV	224413	307970	15.35%	1.365%
81	16.758	2365	2369	2373	rVB	124654	164169	8.18%	0.728%
82	16.805	2374	2377	2379	rBV3	28569	34678	1.73%	0.154%
83	16.834	2379	2382	2384	rBV	41210	50059	2.49%	0.222%
84	16.916	2390	2396	2401	rBV4	183978	336653	16.78%	1.492%
85	16.975	2402	2406	2411	rBV	193753	281584	14.03%	1.248%
86	17.051	2416	2419	2430	rVB2	140063	232656	11.59%	1.031%
87	17.233	2447	2450	2453	rBV2	38164	42089	2.10%	0.187%
88	17.545	2497	2503	2514	rBV	1031668	1644803	81.97%	7.290%
89	17.645	2514	2520	2526	rBV	721035	1151895	57.40%	5.105%
90	17.974	2572	2576	2580	rBV2	22580	30303	1.51%	0.134%
91	18.385	2643	2646	2655	rBV9	45842	86828	4.33%	0.385%
92	19.590	2847	2851	2857	rVB2	67069	85422	4.26%	0.379%
93	19.924	2901	2908	2922	rBV2	937277	1912331	95.30%	8.476%
94	21.834	3226	3233	3249	rVB	1089937	2006613	100.00%	8.894%
95	24.977	3760	3768	3777	rVB2	414987	1142673	56.95%	5.064%
96	25.212	3799	3808	3820	rVB	609126	1853559	92.37%	8.215%

Sum of corrected areas: 22562622

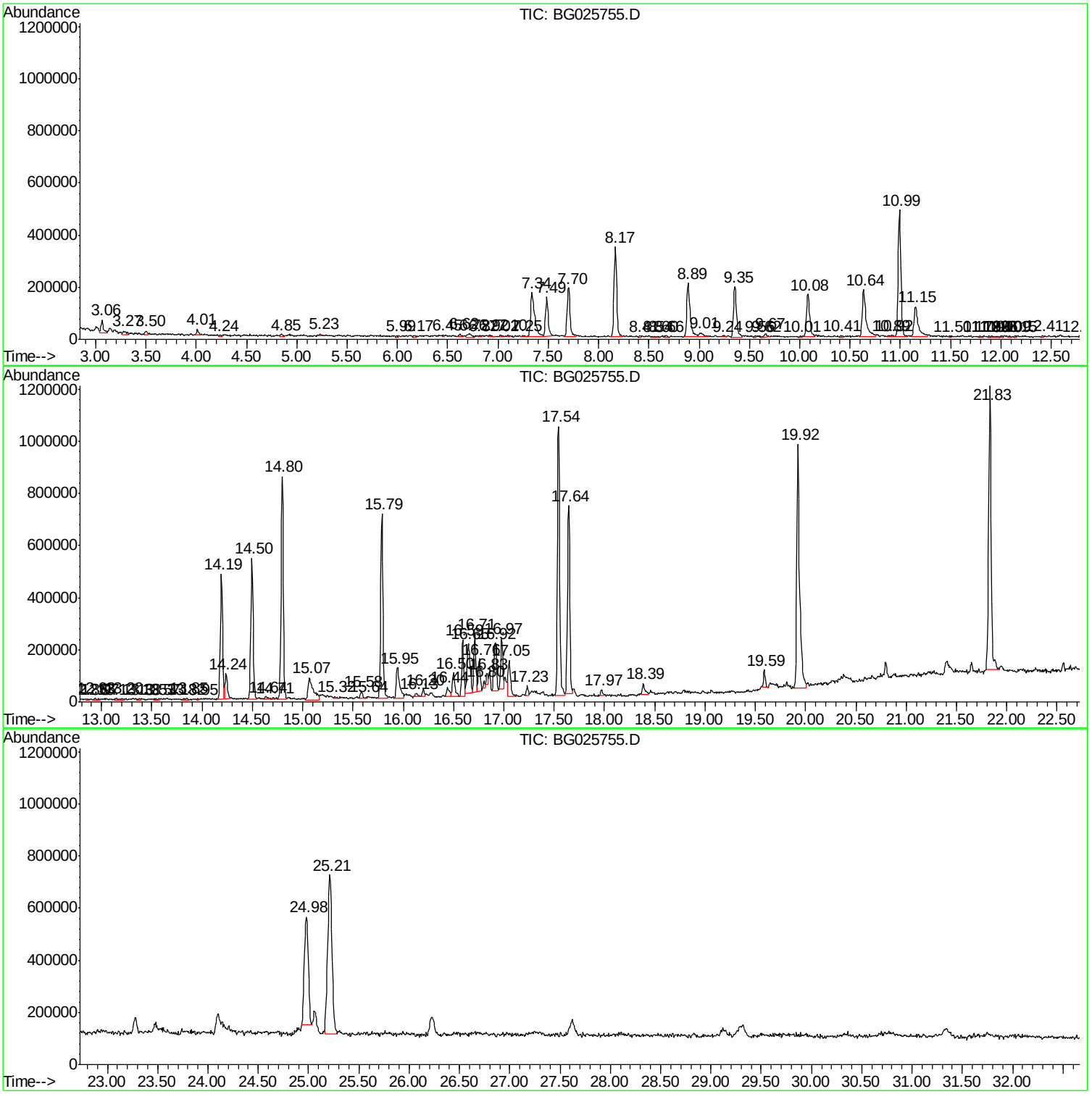
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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

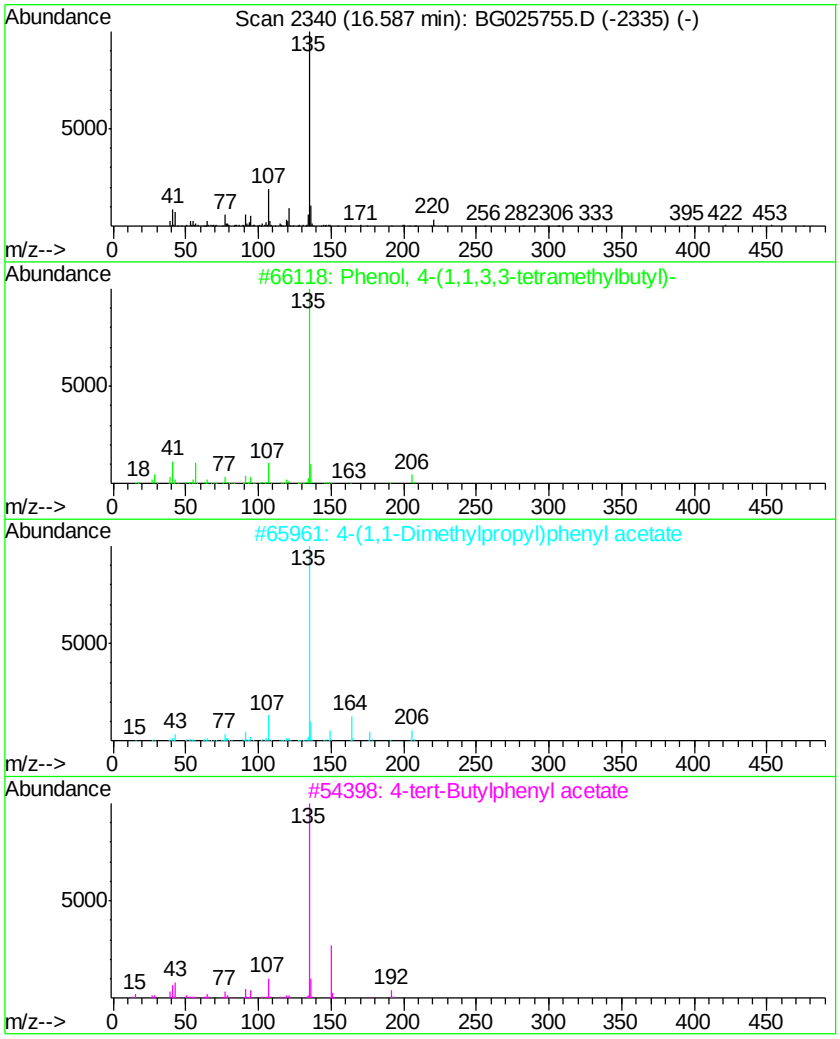
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

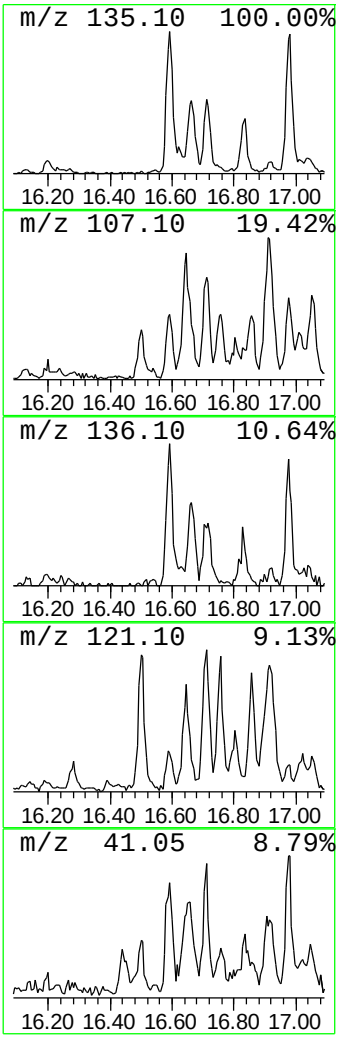
****

Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.95 ng/ul	325218	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
4	2-Bromo-3'-methoxyacetophenone	228	C9H9BrO2	005000-65-7	64
5	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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

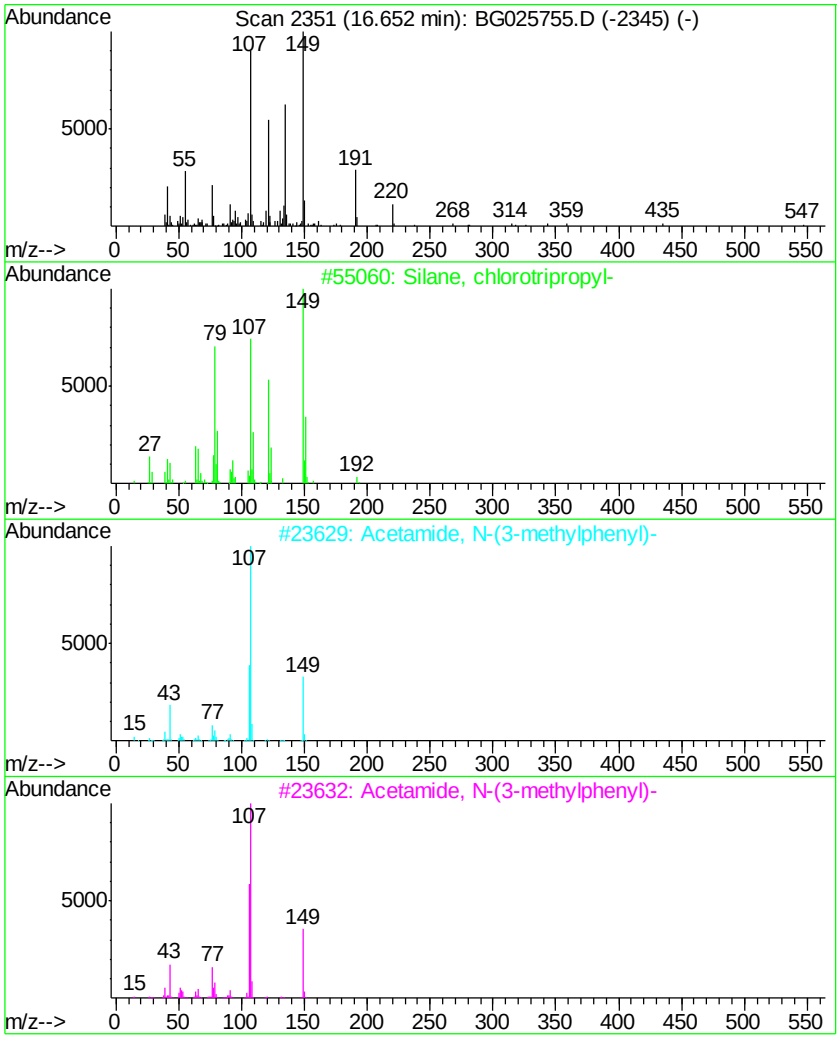
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

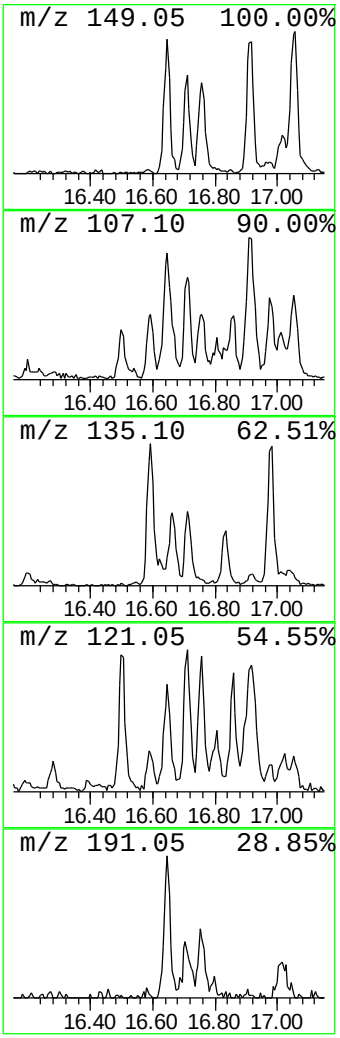
****

Peak Number 3 Silane, chlorotripropyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	4.93 ng/ul	405795	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	74
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	53
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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

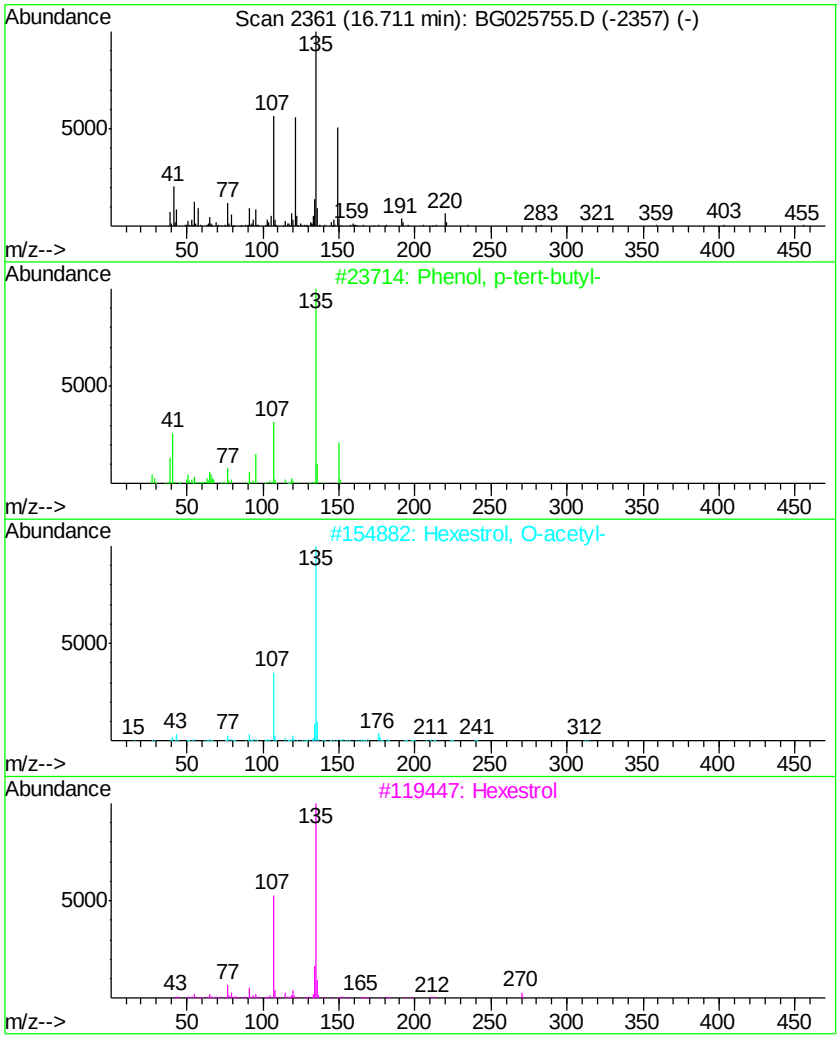
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

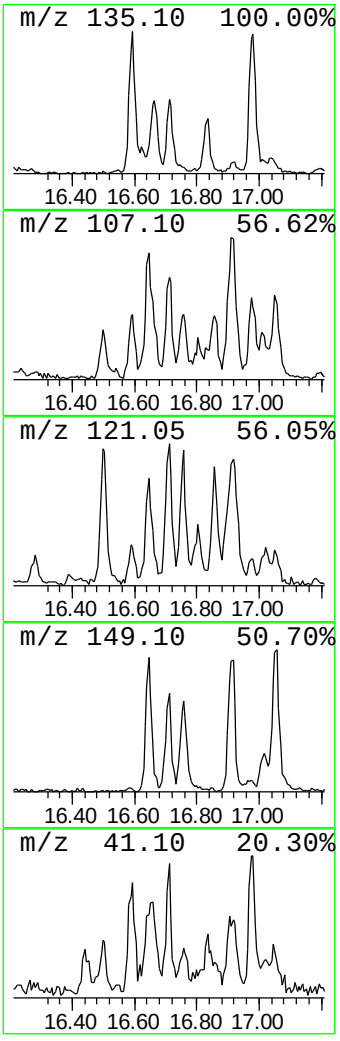
****

Peak Number 4 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	3.74 ng/ul	307970	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	53
3	Hexestrol	270	C18H22O2	000084-16-2	53
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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

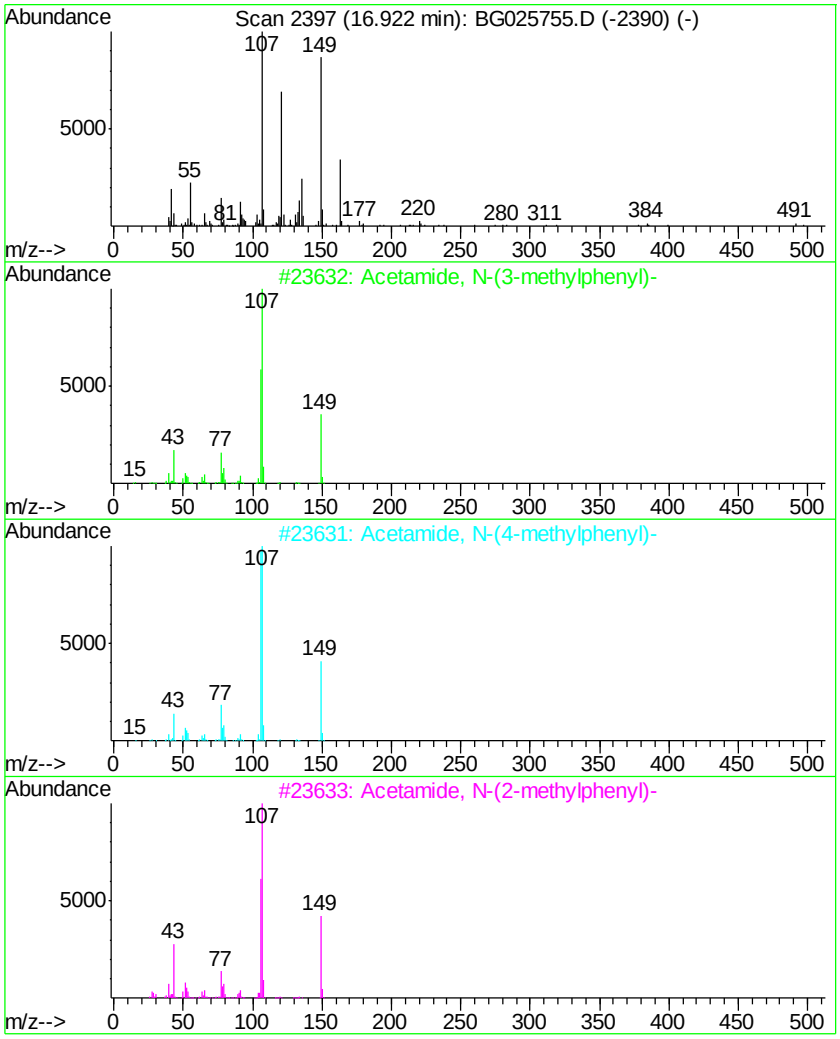
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

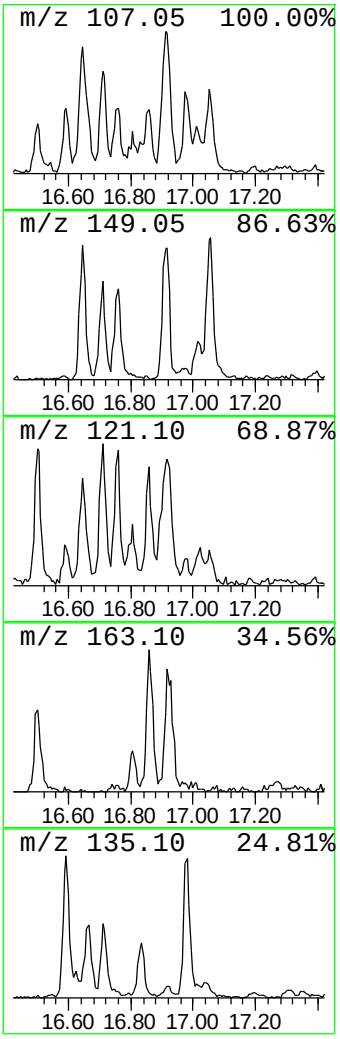
****

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	4.09 ng/ul	336653	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
2	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	46
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
5	3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	27





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Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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

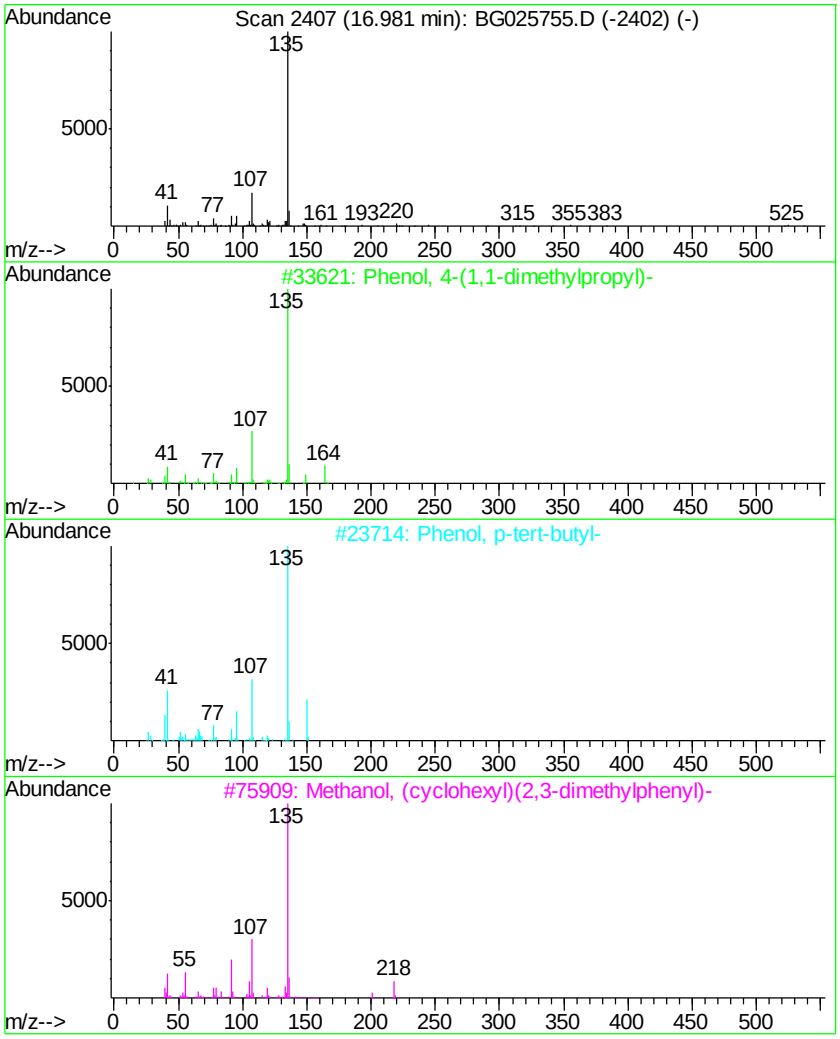
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

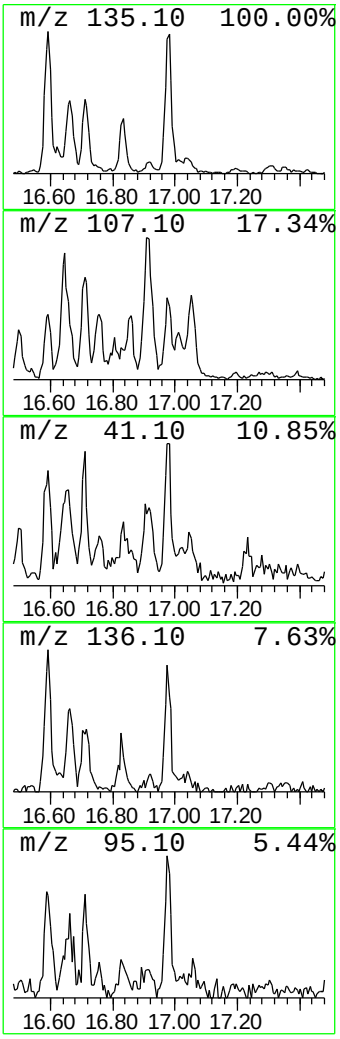
****

Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	3.42 ng/ul	281584	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72
3	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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

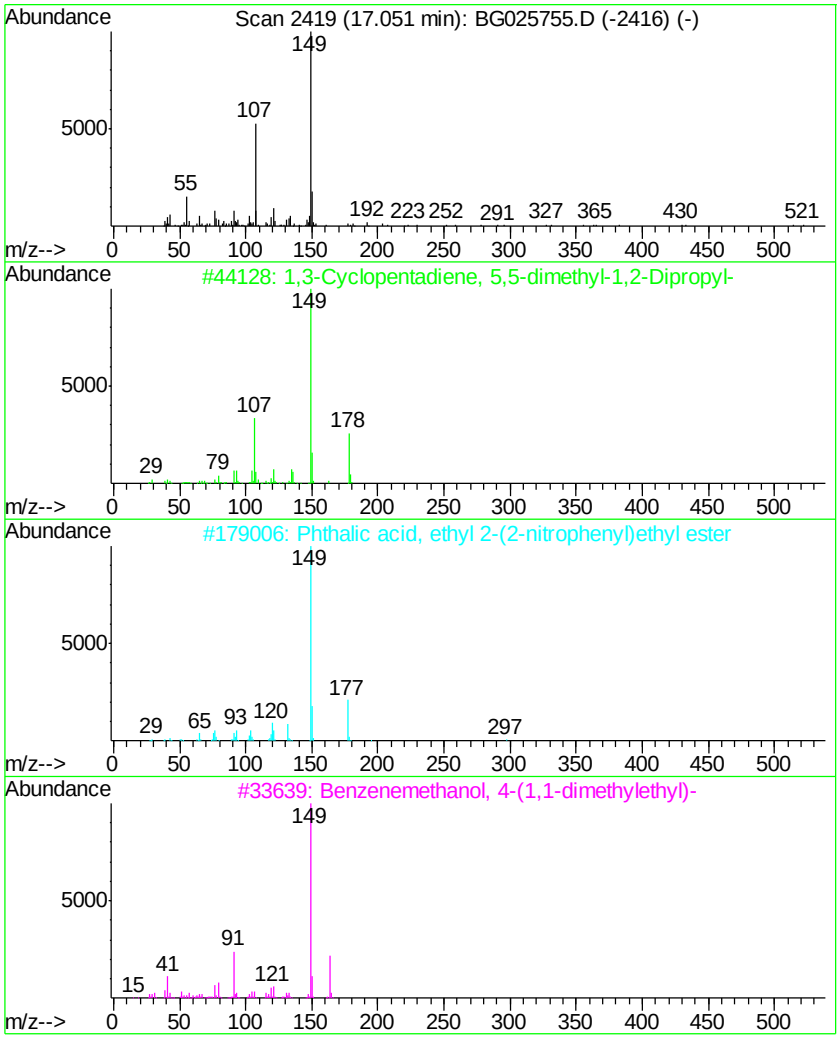
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

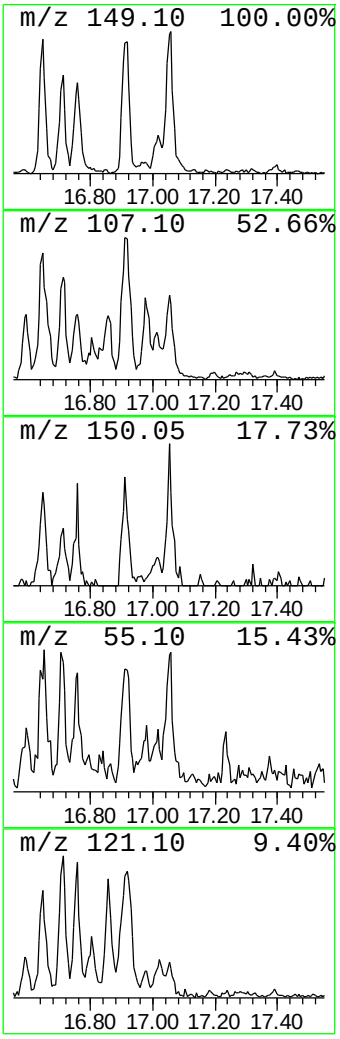
****

Peak Number 7 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.83 ng/ul	232656	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	78
2	Phthalic acid, ethyl 2-(2-nitrop...	343	C18H17NO6	1000377-99-1	50
3	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	50
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
5	Phthalic acid, dec-2-yl propyl e...	348	C21H32O4	1000356-93-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020217\
Data File : BG025755.D
Acq On : 2 Feb 2017 12:39
Operator : SJ/MA
Sample : I1449-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : H0FG1

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
Phenol, 4-(1,1,3,...	16.59	4.0	ng/ul	325218	4	17.54	1644800	20.0
Silane, chlorotri...	16.65	4.9	ng/ul	405795	4	17.54	1644800	20.0
Phenol, p-tert-bu...	16.71	3.7	ng/ul	307970	4	17.54	1644800	20.0
unknown-01	16.92	4.1	ng/ul	336653	4	17.54	1644800	20.0
Phenol, 4-(1,1-di...	16.98	3.4	ng/ul	281584	4	17.54	1644800	20.0
1,3-Cyclopentadie...	17.05	2.8	ng/ul	232656	4	17.54	1644800	20.0