LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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	3.678	142	143	149	rBV5	5273	7513	0.39%	0.059%
2	4.454	274	275	280	rVV2	6202	8005	0.42%	0.063%
3	4.489	280	281	287	rVB2	6632	8078	0.42%	0.064%
4	4.536	287	289	293	rBV3	7846	7808	0.41%	0.061%
5	4.942	354	358	363	rBV6	5917	7634	0.40%	0.060%
6	5.412	430	438	440	rBV5	6940	8953	0.47%	0.071%
7	5.776	493	500	505	rVB6	5846	10920	0.57%	0.086%
8	6.193	569	571	577	rVV7	5950	8769	0.46%	0.069%
9	6.405	603	607	610	rBV3	7497	9125	0.48%	0.072%
10	6.739	661	664	668	rVB3	5192	7289	0.38%	0.057%
11	7.245	746	750	753	rVV4	7813	10817	0.57%	0.085%
12	7.280	753	756	765	rVB5	14542	33775	1.77%	0.266%
13	7.339	765	766	773	rBV4	4227	8200	0.43%	0.065%
14	7.515	792	796	798	rBV4	11319	14310	0.75%	0.113%
15	7.568	800	805	811	rVB	32126	53714	2.81%	0.423%
16	7.638	815	817	823	rVB6	6644	9086	0.48%	0.072%
17	7.744	823	835	838	rBV8	8818	21322	1.11%	0.168%
18	7.950	866	870	878	rBV4	5715	13405	0.70%	0.106%
19	8.179	897	909	923	rBV2	294793	650212	34.00%	5.121%
20	8.549	965	972	974	rBV6	6666	11138	0.58%	0.088%
21	8.596	974	980	991	rVV2	72198	137622	7.20%	1.084%
22	8.755	1003	1007	1011	rVB5	5852	11368	0.59%	0.090%
23	8.796	1011	1014	1015	rBV3	7918	8151	0.43%	0.064%
24	8.966	1036	1043	1049	rVV7	10182	20313	1.06%	0.160%
25	9.295	1088	1099	1103	rVB9	11321	29372	1.54%	0.231%
26	9.395	1111	1116	1120	rVV5	9045	14283	0.75%	0.112%
27	9.501	1132	1134	1137	rVV4	6799	7601	0.40%	0.060%
28	9.701	1167	1168	1174	rVB6	8747	9706	0.51%	0.076%
29	9.765	1175	1179	1190	rVB5	7978	20143	1.05%	0.159%
30	9.865	1192	1196	1199	rBV4	7774	11764	0.62%	0.093%
31	9.942	1199	1209	1214	rVV9	12522	39911	2.09%	0.314%
32	10.018	1216	1222	1225	rBV6	11127	21563	1.13%	0.170%
33	10.094	1230	1235	1244	rBV5	12288	26310	1.38%	0.207%
34	10.376	1281	1283	1287	rBV3	8708	9148	0.48%	0.072%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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	10.429	1289	1292	1298	rVB5	4612	7802	0.41%	0.061%
36	10.511	1301	1306	1310	rBV6	12953	25624	1.34%	0.202%
37	10.864	1363	1366	1372	rBV5	5014	7783	0.41%	0.061%
38	11.005	1376	1390	1395	rBV	437029	839652	43.91%	6.613%
39	11.052	1395	1398	1406	rVB	104375	188575	9.86%	1.485%
40	11.264	1427	1434	1440	rBV8	23948	58287	3.05%	0.459%
41	11.322	1440	1444	1452	rVV9	23983	49367	2.58%	0.389%
42	11.475	1465	1470	1475	rBV5	5874	11943	0.62%	0.094%
43	11.716	1505	1511	1513	rBV5	6821	9651	0.50%	0.076%
44	11.839	1528	1532	1538	rBV8	6651	13606	0.71%	0.107%
45	11.922	1543	1546	1554	rVB8	6234	13259	0.69%	0.104%
46	12.010	1558	1561	1565	rVB4	5769	9269	0.48%	0.073%
47	12.145	1577	1584	1588	rVB4	4131	8082	0.42%	0.064%
48	12.215	1591	1596	1598	rVB5	6029	10237	0.54%	0.081%
49	12.251	1598	1602	1609	rBV6	5070	10407	0.54%	0.082%
50	12.339	1612	1617	1621	rBV3	6206	9428	0.49%	0.074%
51	12.445	1632	1635	1639	rVB5	5420	7782	0.41%	0.061%
52	12.544	1645	1652	1653	rBV6	5682	9930	0.52%	0.078%
53	12.603	1660	1662	1665	rVV4	6852	8911	0.47%	0.070%
54	12.650	1665	1670	1676	rVV4	21397	45691	2.39%	0.360%
55	12.785	1688	1693	1697	rBV6	4978	9311	0.49%	0.073%
56	12.868	1702	1707	1714	rVB4	16421	32245	1.69%	0.254%
57	12.956	1719	1722	1724	rBV3	9284	8311	0.43%	0.065%
58	13.091	1742	1745	1751	rVB5	4243	7261	0.38%	0.057%
59	13.167	1751	1758	1766	rBV9	6151	14913	0.78%	0.117%
60	13.326	1777	1785	1788	rBV9	4494	11532	0.60%	0.091%
61	13.385	1788	1795	1800	rVV9	12571	28472	1.49%	0.224%
62	13.649	1835	1840	1841	rVV4	9356	12667	0.66%	0.100%
63	13.667	1841	1843	1846	rVV3	9585	11863	0.62%	0.093%
64	13.708	1846	1850	1857	rVB8	9868	22617	1.18%	0.178%
65	13.825	1858	1870	1879	rBV8	21419	67808	3.55%	0.534%
66	13.972	1892	1895	1898	rBV4	6331	8619	0.45%	0.068%
67	14.131	1915	1922	1928	rBV4	11400	24886	1.30%	0.196%
68	14.201	1928	1934	1944	rVB2	26485	57142	2.99%	0.450%
69	14.360	1956	1961	1965	rBV8	7011	13527	0.71%	0.107%
70	14.413	1965	1970	1972	rVB5	5337	7941	0.42%	0.063%
71	14.507	1982	1986	1994	rVB2	30842	55629	2.91%	0.438%

LSC Area Percent Report

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Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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	14.665	2004	2013	2025	rBV3	77741	179395	9.38%	1.413%
73	14.806	2028	2037	2047	rBV2	762073	1236250	64.65%	9.737%
74	14.889	2050	2051	2056	rVB5	9333	9504	0.50%	0.075%
75	14.965	2061	2064	2072	rVB6	6933	15992	0.84%	0.126%
76	15.083	2077	2084	2091	rBV3	103437	220150	11.51%	1.734%
77	15.147	2093	2095	2102	rVB5	26156	39915	2.09%	0.314%
78	15.247	2102	2112	2120	rBV3	51140	116093	6.07%	0.914%
79	15.329	2121	2126	2132	rVB7	10483	16610	0.87%	0.131%
80	15.400	2132	2138	2140	rBV5	19972	31931	1.67%	0.251%
81	15.441	2140	2145	2159	rVB5	57665	149729	7.83%	1.179%
82	15.799	2200	2206	2212	rVV2	42750	70383	3.68%	0.554%
83	15.841	2212	2213	2221	rVB8	8536	12657	0.66%	0.100%
84	15.958	2225	2233	2252	rBV2	234100	520592	27.22%	4.100%
85	16.211	2271	2276	2279	rVB7	6132	9560	0.50%	0.075%
86	16.393	2305	2307	2313	rVB5	7050	12121	0.63%	0.095%
87	16.487	2317	2323	2325	rBV5	10107	16645	0.87%	0.131%
88	16.528	2327	2330	2337	rVB6	8751	14223	0.74%	0.112%
89	16.927	2395	2398	2400	rBV4	7638	7384	0.39%	0.058%
90	17.080	2421	2424	2428	rBV6	4653	9415	0.49%	0.074%
91	17.209	2436	2446	2464	rBV2	1005848	1912324	100.00%	15.062%
92	17.556	2496	2505	2517	rBV2	889173	1487817	77.80%	11.718%
93	17.656	2517	2522	2529	rVV	39774	62382	3.26%	0.491%
94	17.826	2550	2551	2555	rBV4	7346	8530	0.45%	0.067%
95	17.979	2568	2577	2583	rBV6	18465	46761	2.45%	0.368%
96	18.655	2689	2692	2697	rBV7	7812	15511	0.81%	0.122%
97	19.942	2905	2911	2917	rBV2	50397	96958	5.07%	0.764%
98	21.845	3229	3235	3245	rBV	905611	1636673	85.59%	12.891%
99	25.100	3785	3789	3799	rVB8	73407	168937	8.83%	1.331%
100	25.241	3803	3813	3827	rVB	502747	1554845	81.31%	12.246%

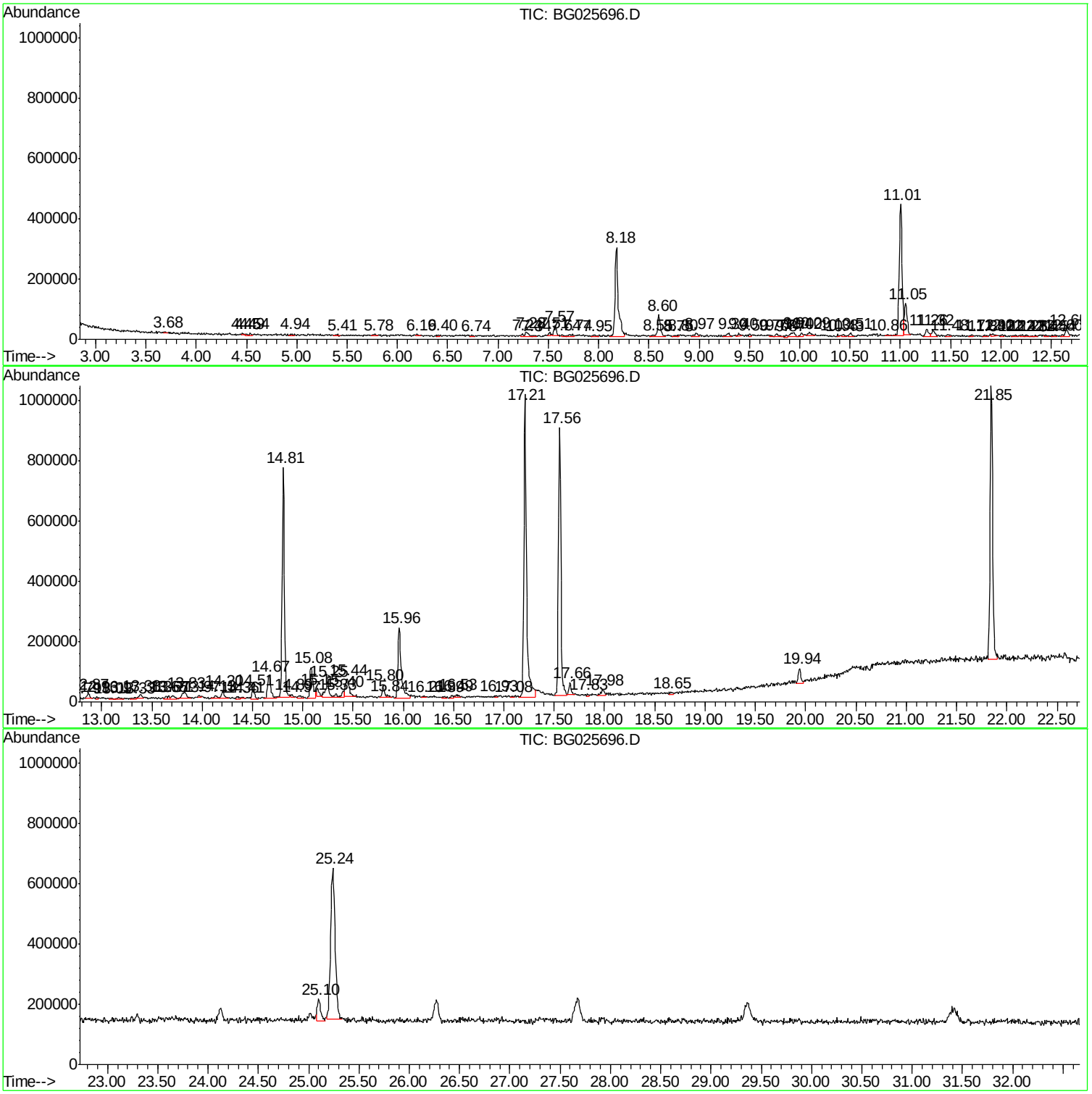
Sum of corrected areas: 12696645

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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

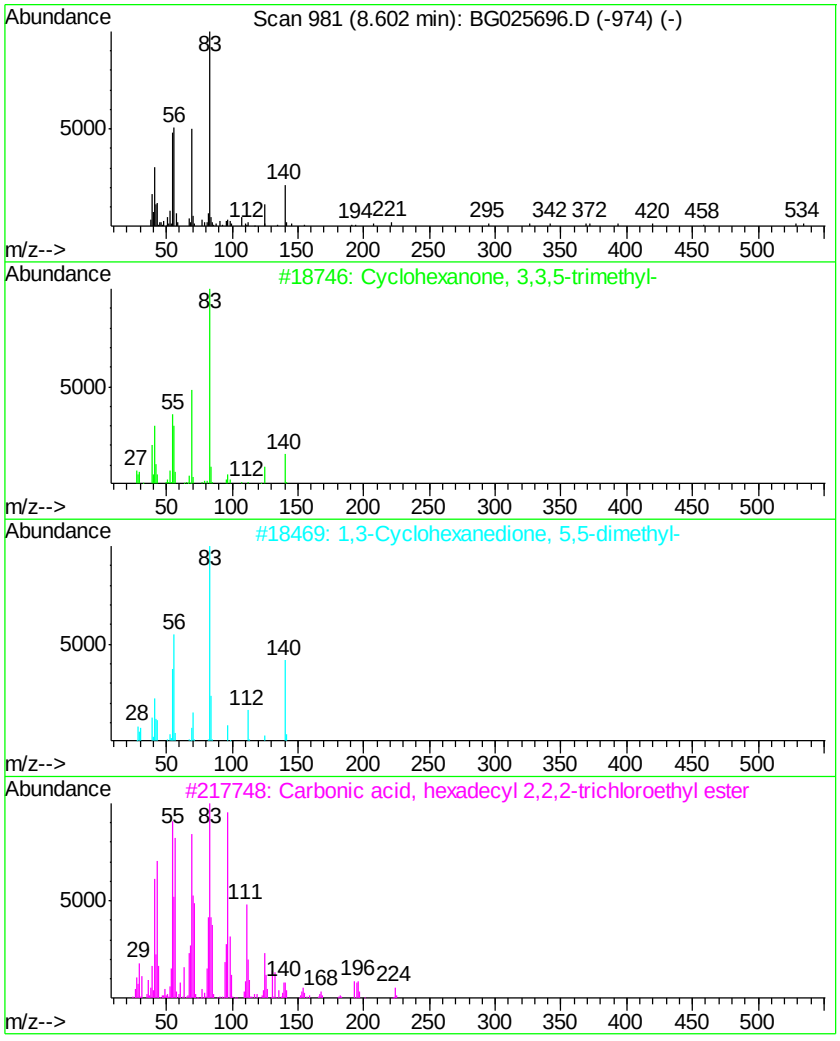
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

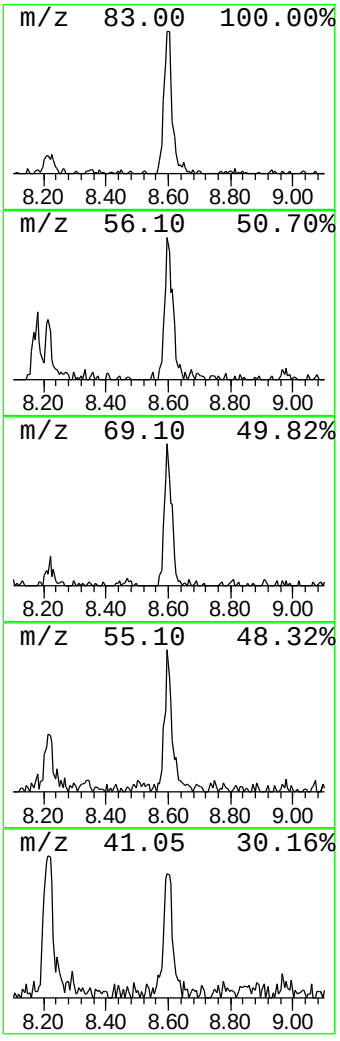
****

Peak Number 1 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.23 ng/ul	137622	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
2	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	72
3	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	59
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	56
5	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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

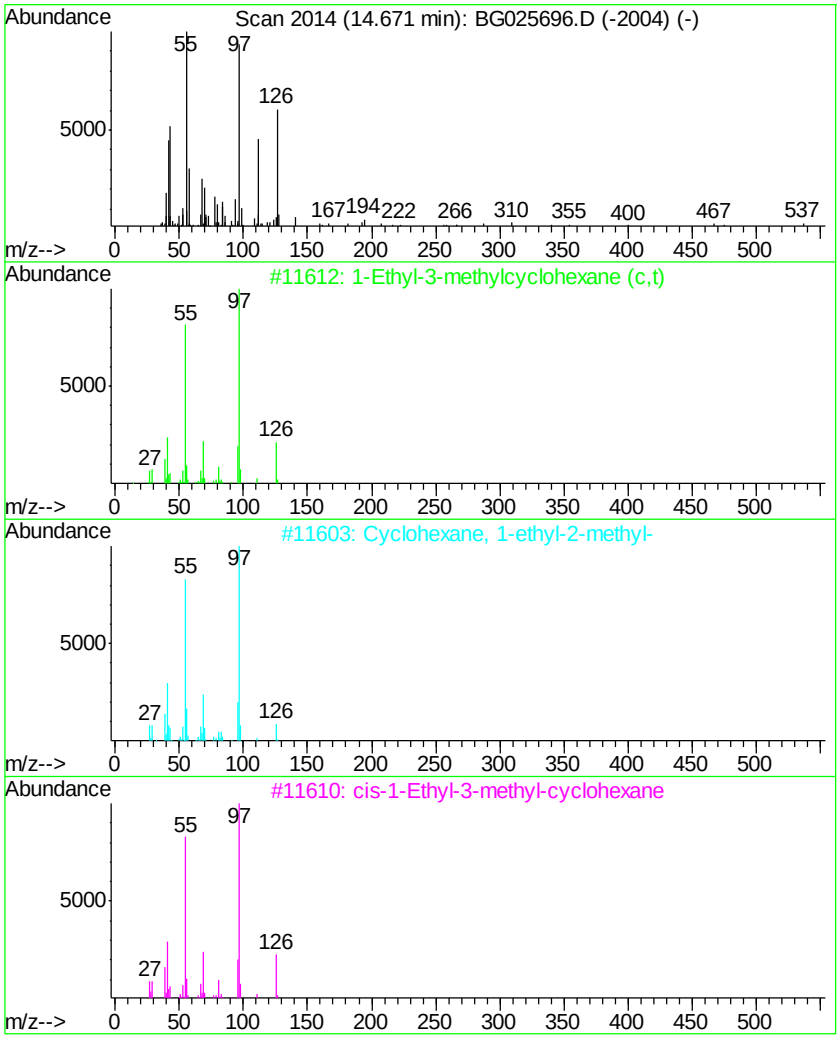
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

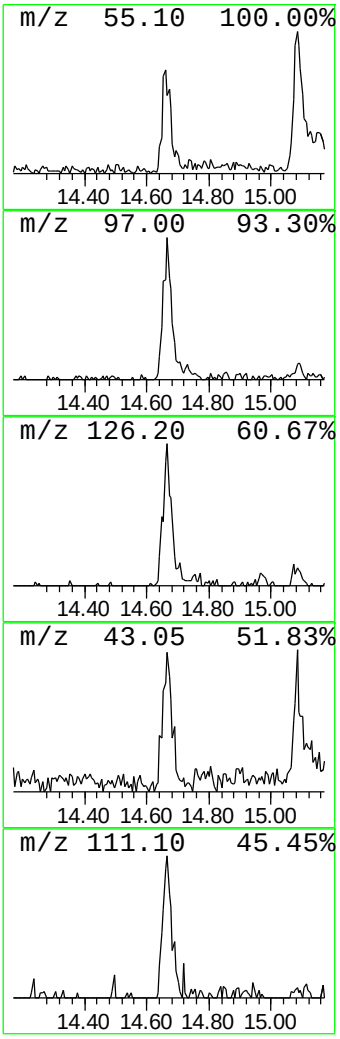
****

Peak Number 2 (DEL) Alkane: Cyclic14.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.90 ng/ul	179395	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50
4	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	35
5	1H-Pyrazole, 5-methoxy-1,3-dimet...	126	C6H10N2O	053091-80-8	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
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Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
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Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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

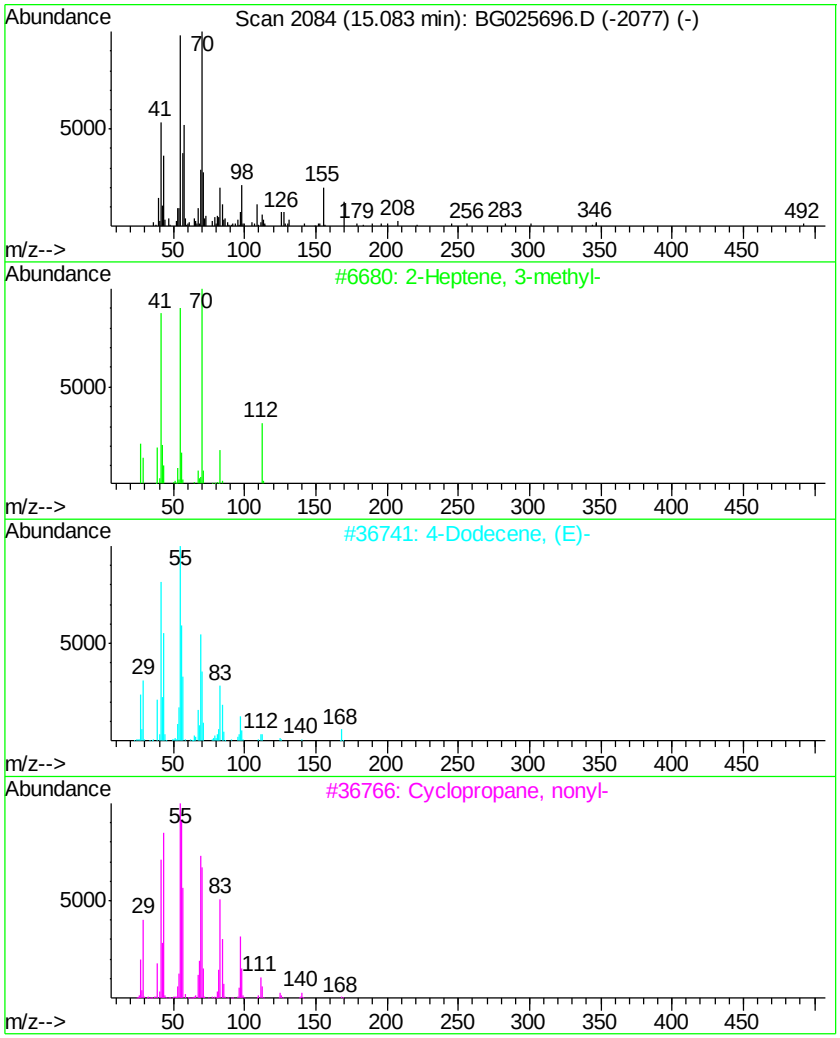
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

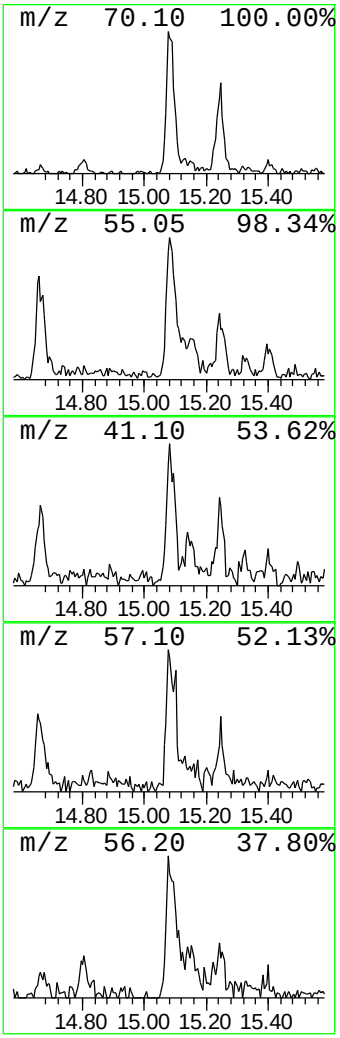
****

Peak Number 3 (DEL) Alkane: Cyclic15.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.56 ng/ul	220150	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	43
2	4-Dodecene, (E)-	168	C12H24	007206-15-7	22
3	Cyclopropane, nonyl-	168	C12H24	074663-85-7	22
4	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	22
5	4-Undecene, (E)-	154	C11H22	000693-62-9	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
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Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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

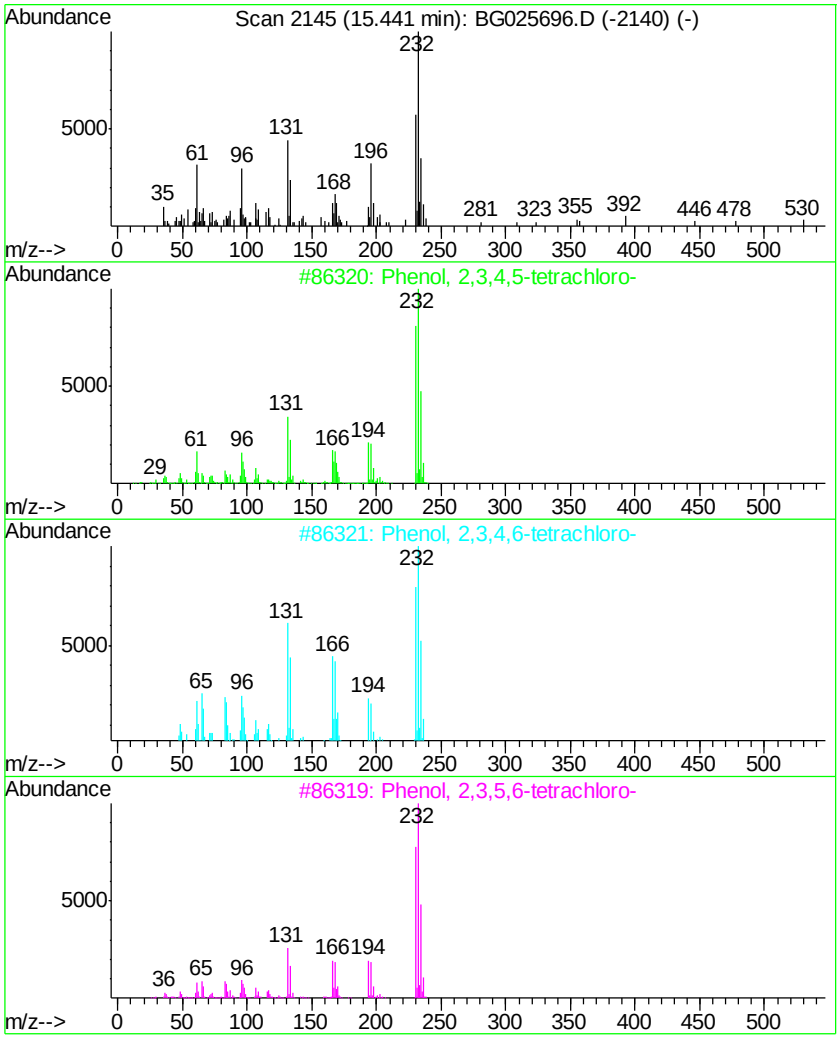
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

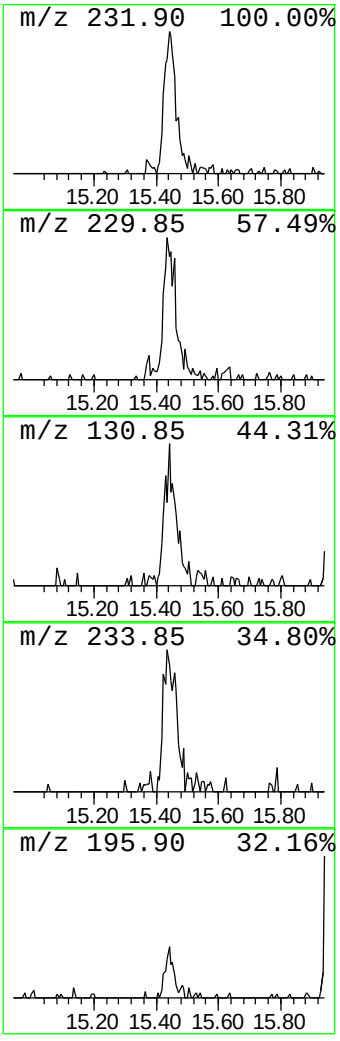
****

Peak Number 4 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.42 ng/ul	149729	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	80
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	64
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	53
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	50
5	Benzene, 1,2,3,5-tetrachloro-4-e...	258	C8H6Cl4O	056818-02-1	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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

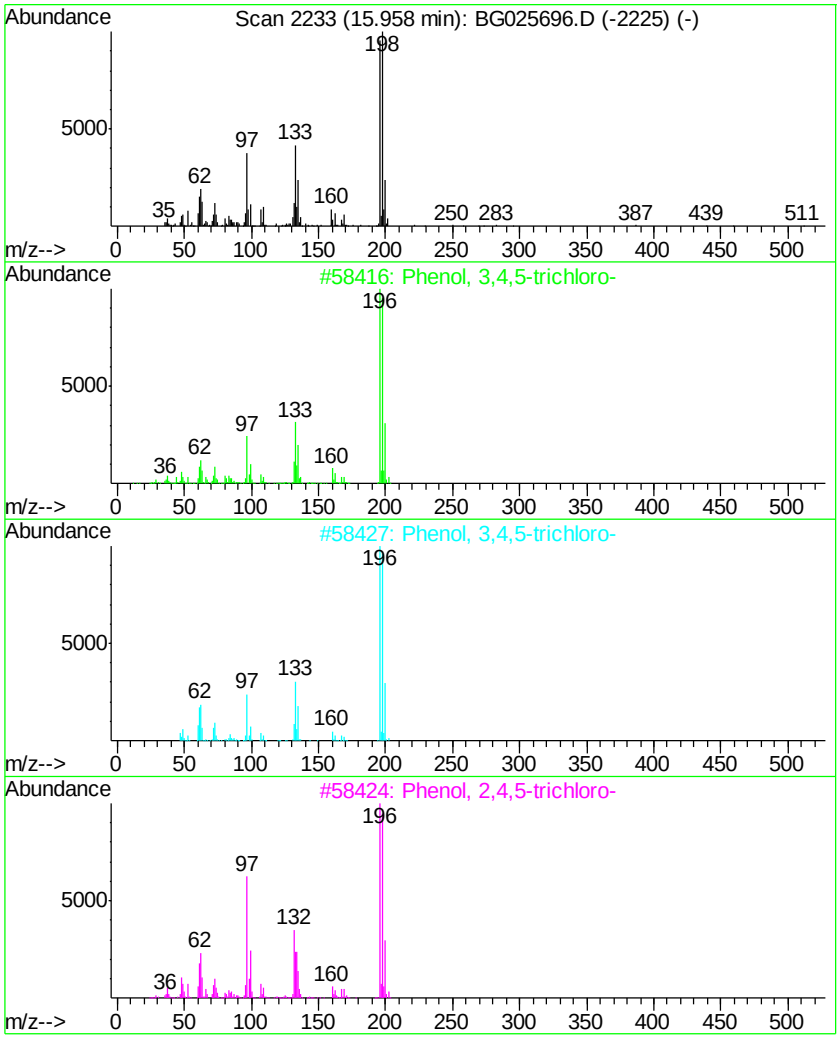
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

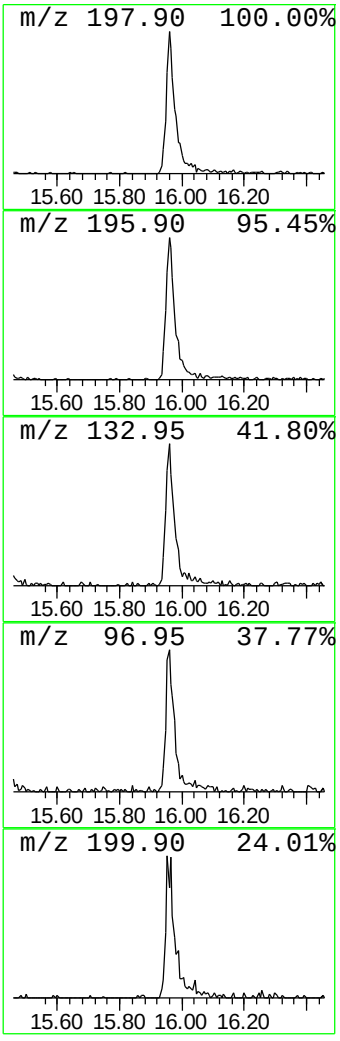
****

Peak Number 5 Phenol, 3,4,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	8.42 ng/ul	520592	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	96
2	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	95
3	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	81
4	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	74
5	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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

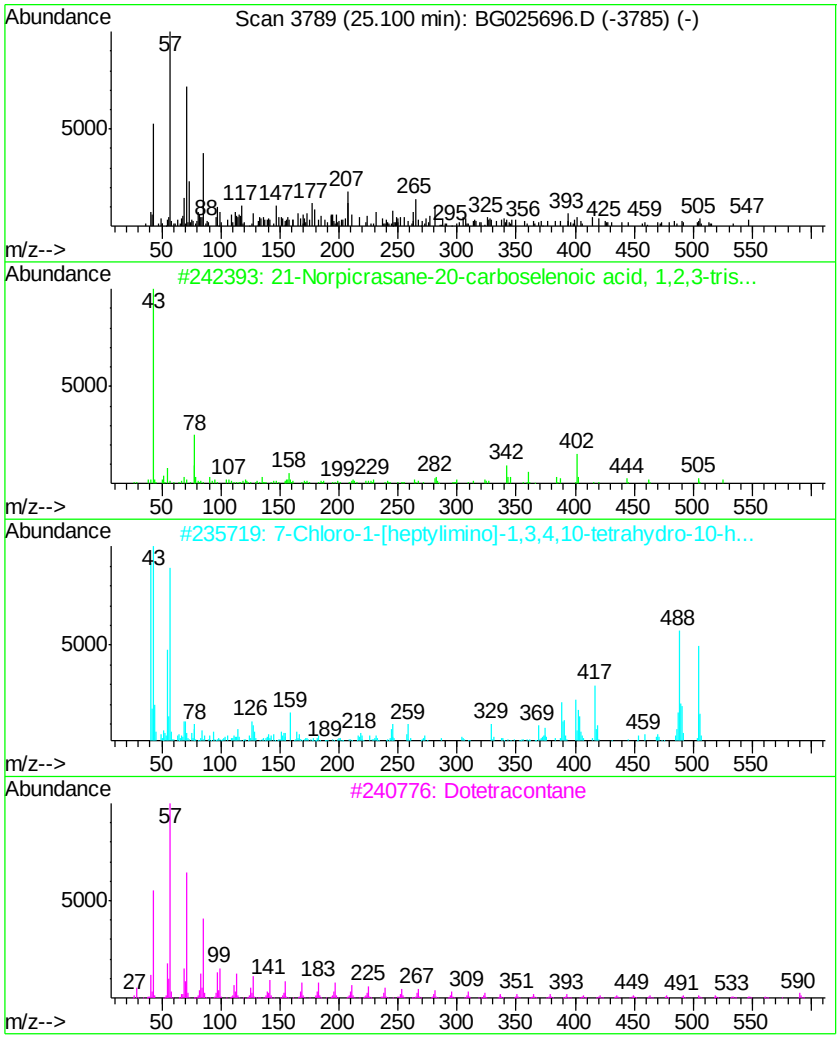
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

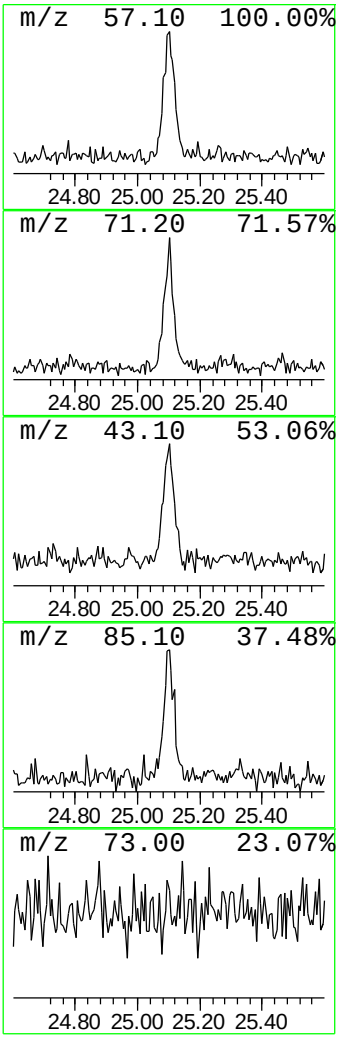
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	2.17 ng/ul	168937	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	21-Norpicrasane-20-carboselenoic...	662	C32H38O10Se	076389-74-7	9
2	7-Chloro-1-[heptylimino]-1,3,4,1...	504	C27H28ClF3N2O2	144128-56-3	6
3	Dotetracontane	591	C42H86	007098-20-6	2
4	11,16-Bis-decyl-hexacosane	647	C46H94	072936-28-8	2
5	21-Norpicrasane-20-carboxylic ac...	522	C26H34O11	076389-72-5	1





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025696.D
Acq On : 27 Jan 2017 10:18
Operator : SJ/MA
Sample : I1387-04DL2 50X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q8DL2

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
Cyclohexanone, 3,...	8.60	4.2	ng/ul	137622	1	8.18	650212	20.0
(DEL) Alkane: Cyc...	14.67	2.9	ng/ul	179395	3	14.81	1236250	20.0
(DEL) Alkane: Cyc...	15.08	3.6	ng/ul	220150	3	14.81	1236250	20.0
Phenol, 2,3,4,5-t...	15.44	2.4	ng/ul	149729	3	14.81	1236250	20.0
Phenol, 3,4,5-tri...	15.96	8.4	ng/ul	520592	3	14.81	1236250	20.0
unknown-01	25.10	2.2	ng/ul	168937	6	25.24	1554850	20.0