LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

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\SOM-EPA-BG080217.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	3.825	36	40	49	rVB4	7451	13895	0.84%	0.089%
2	4.007	70	71	75	rBV4	2603	2526	0.15%	0.016%
3	4.289	117	119	124	rVB4	2396	2598	0.16%	0.017%
4	4.400	134	138	141	rBV2	2047	2932	0.18%	0.019%
5	4.465	147	149	153	rVB2	2216	2901	0.18%	0.019%
6	4.512	153	157	164	rBV4	1872	4377	0.26%	0.028%
7	4.724	192	193	198	rVB	2406	3233	0.20%	0.021%
8	4.776	198	202	205	rBV2	1469	3111	0.19%	0.020%
9	5.041	242	247	249	rBV3	2289	2881	0.17%	0.018%
10	5.546	330	333	339	rVB2	2070	2392	0.14%	0.015%
11	5.670	347	354	367	rVB2	33225	59912	3.62%	0.382%
12	5.981	403	407	411	rBV2	1626	2863	0.17%	0.018%
13	6.016	411	413	419	rBV3	1705	2260	0.14%	0.014%
14	6.557	498	505	508	rBV5	2350	4437	0.27%	0.028%
15	6.610	511	514	520	rVB4	1793	3271	0.20%	0.021%
16	6.668	520	524	528	rVV4	1728	3341	0.20%	0.021%
17	6.698	528	529	534	rVB2	1643	2355	0.14%	0.015%
18	7.420	647	652	654	rBV2	1524	2393	0.14%	0.015%
19	7.497	658	665	675	rBV2	56839	110532	6.69%	0.705%
20	7.655	684	692	703	rBV	133774	233257	14.11%	1.489%
21	7.738	703	706	715	rBV3	1562	3256	0.20%	0.021%
22	7.879	722	730	744	rVB2	158452	291137	17.61%	1.858%
23	8.343	802	809	823	rBV2	112919	242585	14.67%	1.548%
24	8.631	849	858	861	rVB3	1885	4246	0.26%	0.027%
25	8.701	861	870	878	rBV4	25723	53622	3.24%	0.342%
26	8.936	907	910	914	rVB3	2464	2748	0.17%	0.018%
27	9.042	918	928	942	rBV	167070	310134	18.76%	1.979%
28	9.512	998	1008	1017	rBV	205062	378814	22.91%	2.418%
29	10.000	1088	1091	1095	rBV	2150	3159	0.19%	0.020%
30	10.147	1110	1116	1120	rVB3	2081	3927	0.24%	0.025%
31	10.235	1120	1131	1146	rBV2	183112	342079	20.69%	2.183%
32	10.364	1149	1153	1156	rBV2	2413	3574	0.22%	0.023%
33	10.505	1174	1177	1184	rVB2	1340	3314	0.20%	0.021%
34	10.558	1184	1186	1192	rBV5	1831	3376	0.20%	0.022%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	10.781	1213	1224	1235	rBV	280876	524851	31.75%	3.349%
36	11.028	1259	1266	1270	rVB5	4042	6966	0.42%	0.044%
37	11.163	1281	1289	1300	rVB	183022	343055	20.75%	2.189%
38	11.304	1306	1313	1326	rVV3	19058	43838	2.65%	0.280%
39	11.398	1326	1329	1333	rVB2	2349	3147	0.19%	0.020%
40	11.868	1405	1409	1416	rBV4	4186	7457	0.45%	0.048%
41	11.933	1416	1420	1422	rBV	1767	2545	0.15%	0.016%
42	11.950	1422	1423	1429	rVB4	2194	3165	0.19%	0.020%
43	12.050	1434	1440	1445	rVB5	3869	7226	0.44%	0.046%
44	12.138	1450	1455	1457	rBV4	2412	4228	0.26%	0.027%
45	12.215	1464	1468	1473	rBV3	1929	3139	0.19%	0.020%
46	12.620	1535	1537	1541	rBV3	1469	2440	0.15%	0.016%
47	12.726	1551	1555	1559	rVB3	4134	4569	0.28%	0.029%
48	12.808	1563	1569	1574	rBV3	5247	9917	0.60%	0.063%
49	12.932	1587	1590	1592	rBV2	2712	2885	0.17%	0.018%
50	13.002	1597	1602	1608	rVB6	2833	5493	0.33%	0.035%
51	13.172	1627	1631	1632	rVB2	2735	2752	0.17%	0.018%
52	13.214	1636	1638	1646	rVB7	2592	5729	0.35%	0.037%
53	13.384	1664	1667	1671	rBV5	3381	3366	0.20%	0.021%
54	13.454	1674	1679	1682	rVB4	1749	3072	0.19%	0.020%
55	13.501	1684	1687	1693	rBV5	4280	4977	0.30%	0.032%
56	13.625	1706	1708	1711	rVB3	2294	2358	0.14%	0.015%
57	13.695	1719	1720	1731	rVB5	2140	4635	0.28%	0.030%
58	13.842	1733	1745	1753	rVB10	8062	30972	1.87%	0.198%
59	13.901	1753	1755	1756	rBV2	2844	2444	0.15%	0.016%
60	14.066	1780	1783	1785	rBV4	3769	5008	0.30%	0.032%
61	14.148	1794	1797	1800	rBV3	3359	3913	0.24%	0.025%
62	14.342	1823	1830	1843	rVB	642088	929650	56.23%	5.933%
63	14.647	1870	1882	1891	rBV	608818	989177	59.83%	6.313%
64	14.741	1896	1898	1905	rVB6	4159	7274	0.44%	0.046%
65	14.953	1926	1934	1942	rVB2	333133	563728	34.10%	3.598%
66	15.047	1945	1950	1955	rVB9	3643	5953	0.36%	0.038%
67	15.164	1959	1970	1981	rBV3	54955	134234	8.12%	0.857%
68	15.299	1992	1993	1995	rBV2	3609	2616	0.16%	0.017%
69	15.440	2012	2017	2021	rBV4	11926	18921	1.14%	0.121%
70	15.476	2021	2023	2030	rVB8	7341	11346	0.69%	0.072%
71	15.640	2047	2051	2053	rBV4	4990	5357	0.32%	0.034%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	15.875	2084	2091	2092	rBV7	5458	9459	0.57%	0.060%
73	15.940	2095	2102	2111	rVB	816779	1343785	81.28%	8.576%
74	16.057	2114	2122	2137	rBV	328653	532585	32.21%	3.399%
75	16.175	2139	2142	2149	rBV8	12206	21636	1.31%	0.138%
76	16.281	2157	2160	2164	rBV6	4842	6543	0.40%	0.042%
77	16.909	2256	2267	2271	rBV6	18624	47852	2.89%	0.305%
78	17.297	2327	2333	2338	rVB7	41361	67830	4.10%	0.433%
79	17.702	2394	2402	2409	rBV2	463331	722898	43.73%	4.613%
80	17.802	2411	2419	2424	rBV	981082	1500761	90.77%	9.578%
81	17.849	2424	2427	2435	rVB2	131431	195183	11.81%	1.246%
82	17.937	2436	2442	2450	rVV10	52370	123128	7.45%	0.786%
83	18.020	2450	2456	2463	rVB5	84132	151612	9.17%	0.968%
84	18.549	2542	2546	2552	rBV9	18785	36905	2.23%	0.236%
85	19.806	2756	2760	2768	rBV8	33940	59630	3.61%	0.381%
86	20.076	2799	2806	2814	rVB	1141423	1653283	100.00%	10.551%
87	22.033	3131	3139	3148	rVB	443577	791017	47.85%	5.048%
88	24.442	3546	3549	3557	rVB5	28267	52580	3.18%	0.336%
89	25.294	3683	3694	3711	rVB2	516729	1596656	96.57%	10.190%
90	25.534	3719	3735	3747	rVB	236962	839532	50.78%	5.358%
91	26.698	3929	3933	3944	rVB5	36184	92827	5.61%	0.592%

Sum of corrected areas: 15669543

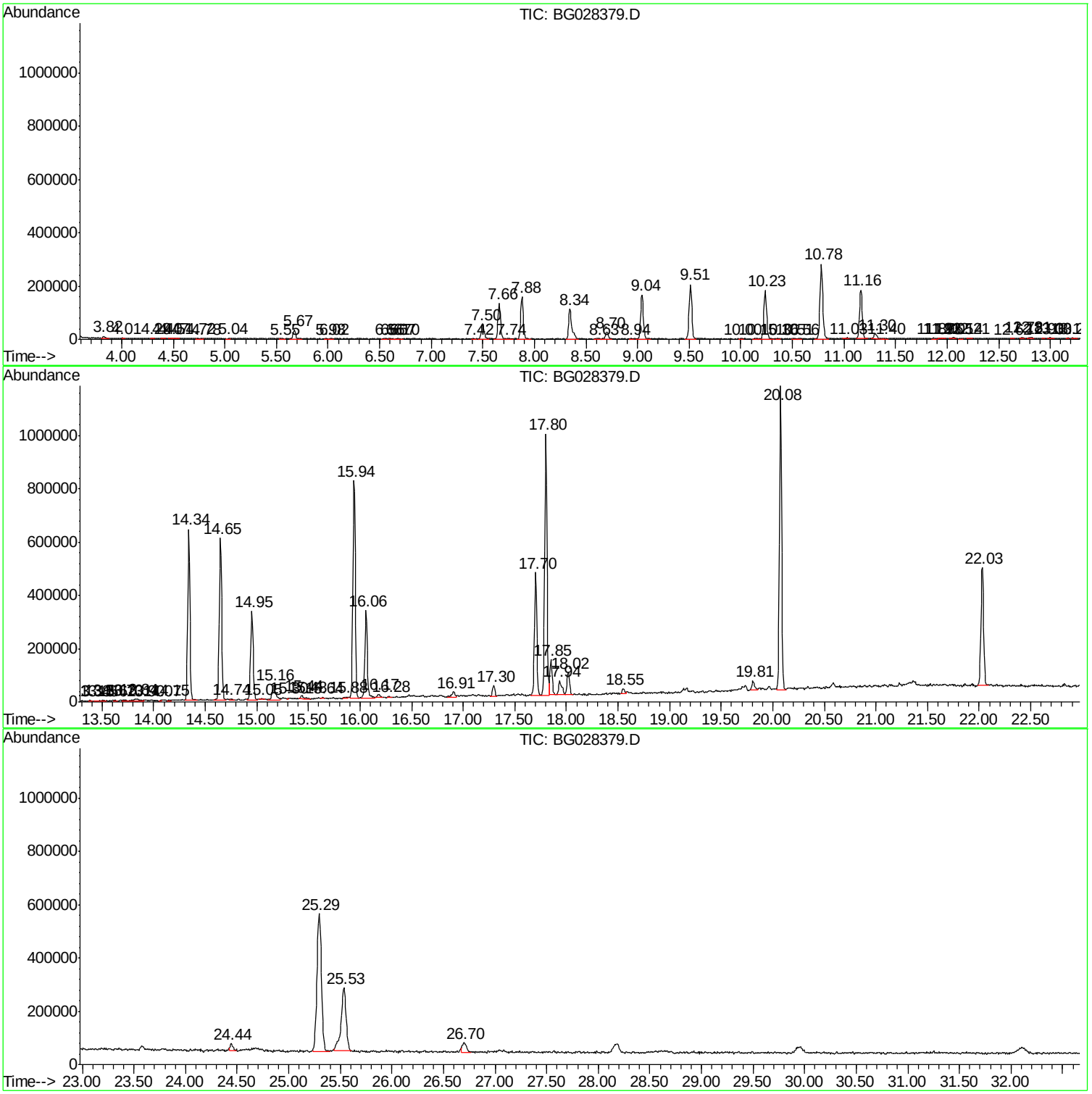
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

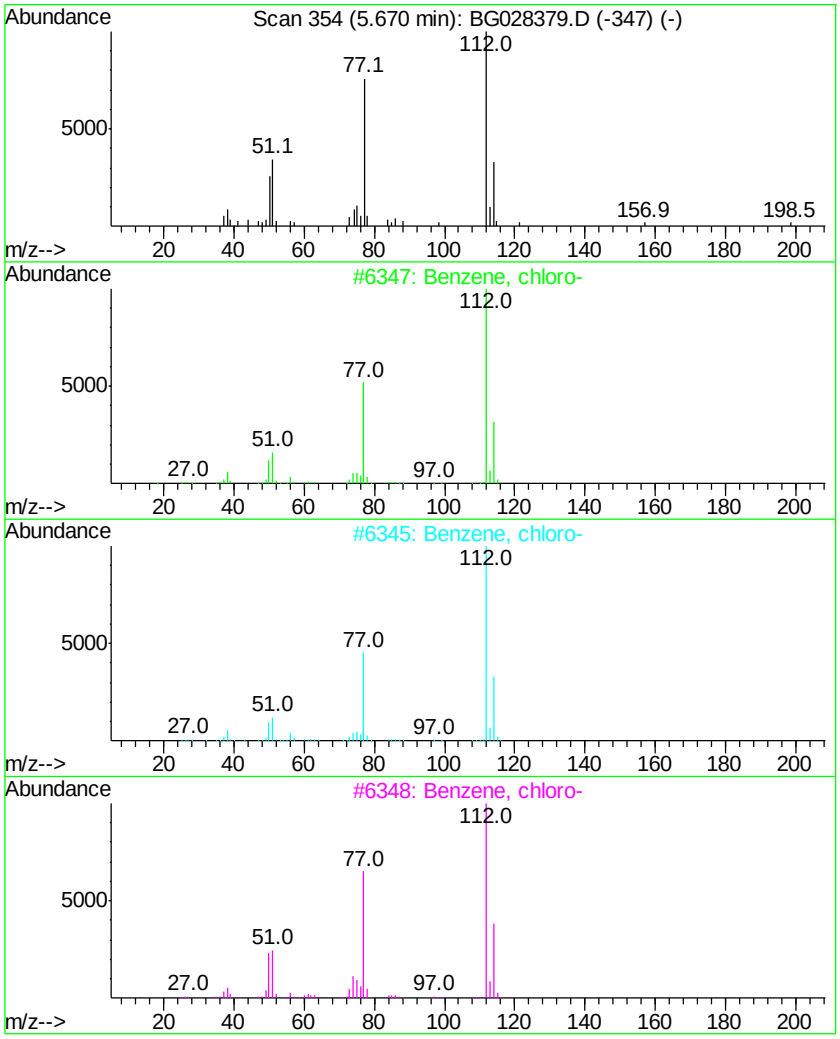
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

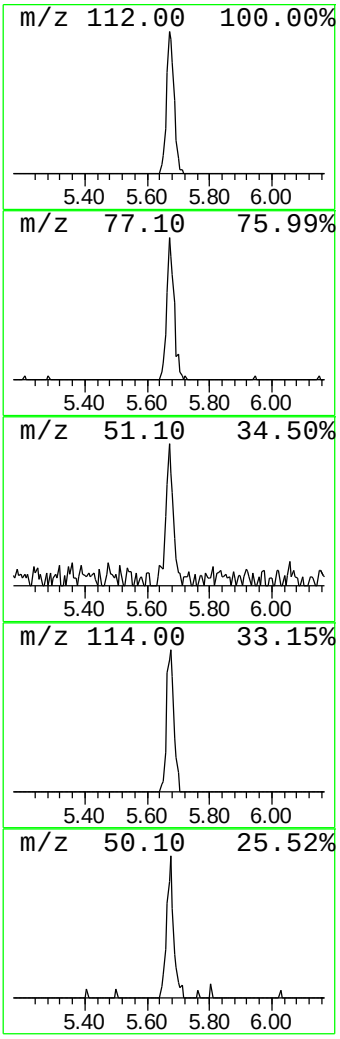
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	4.94 ng/ul	59912	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	76
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	49
5	2-(2-Hydroxyphenoxy)-1-phenyleth...	230	C14H14O3	328104-89-8	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

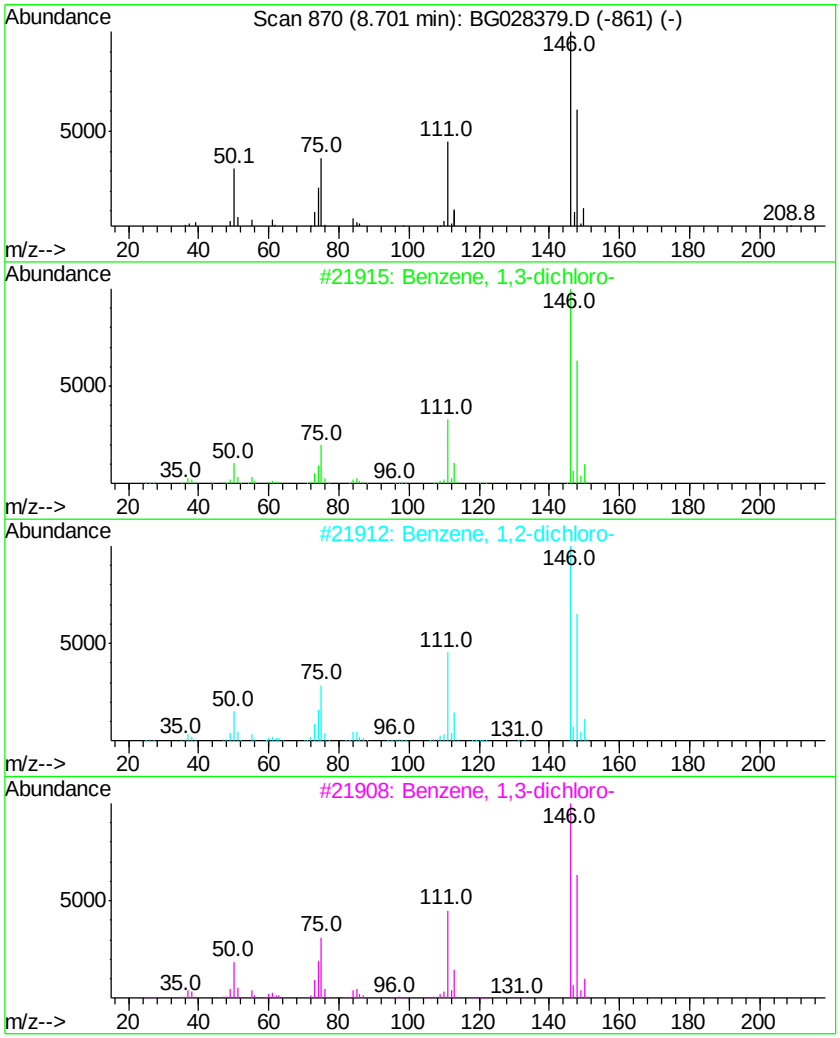
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

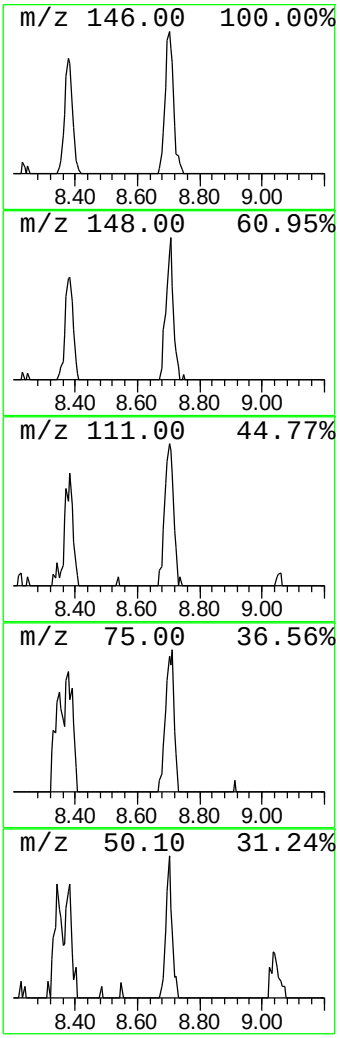
****

Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	4.42 ng/ul	53622	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

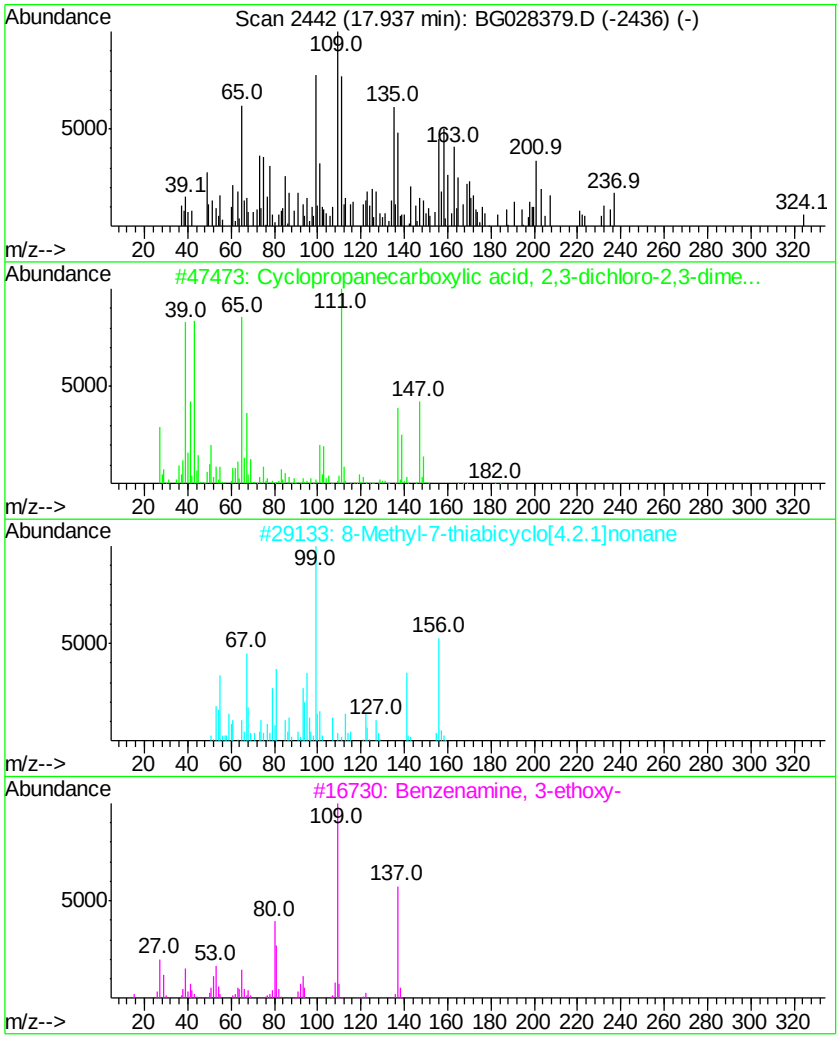
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

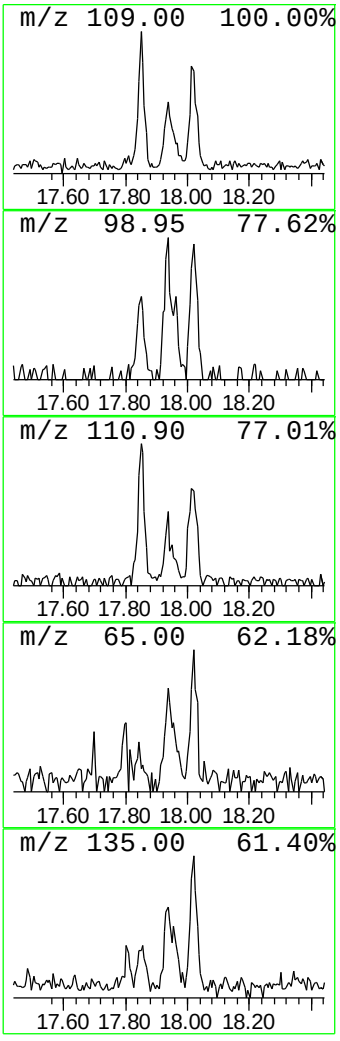
****

Peak Number 3 unknown01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.41 ng/ul	123128	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 2,3...	182	C6H8Cl2O2	061216-61-3	16
2	8-Methyl-7-thiabicyclo[4.2.1]nonane	156	C9H16S	096334-01-9	11
3	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	10
4	1,4-Dichloro-1,4-disilabutane	158	C2H8Cl2Si2	088789-64-4	10
5	Benzoic acid, 2-nitro-	167	C7H5NO4	000552-16-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

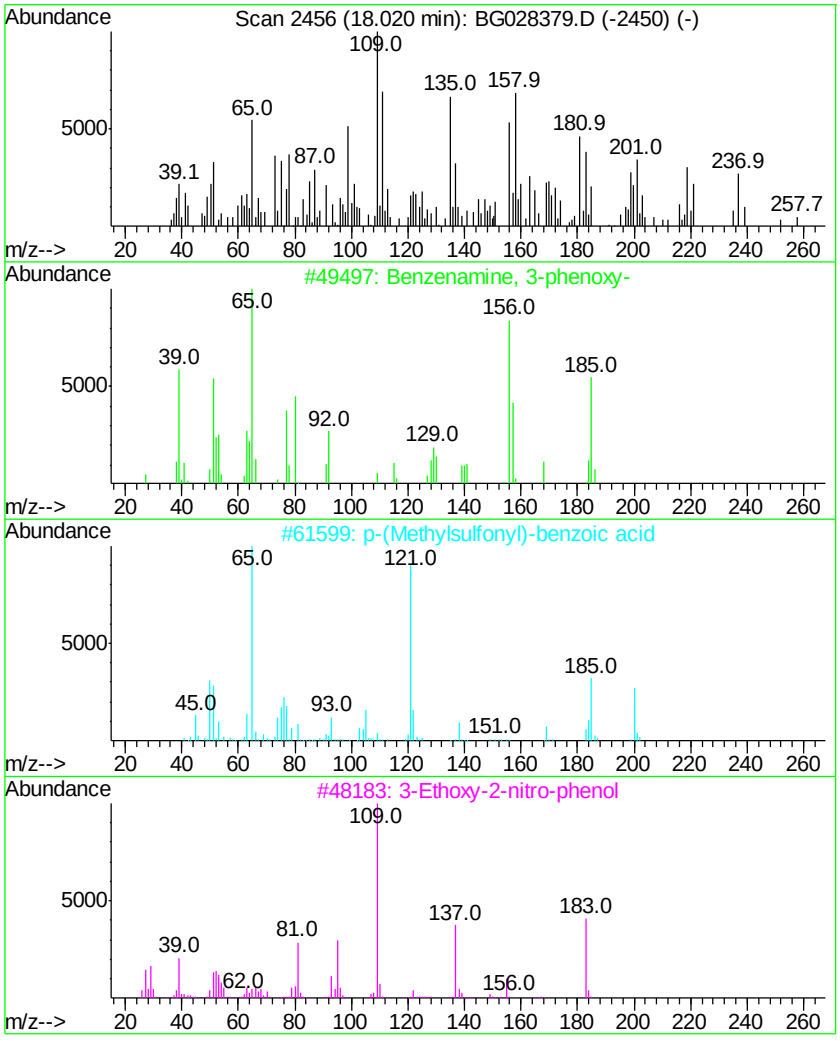
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

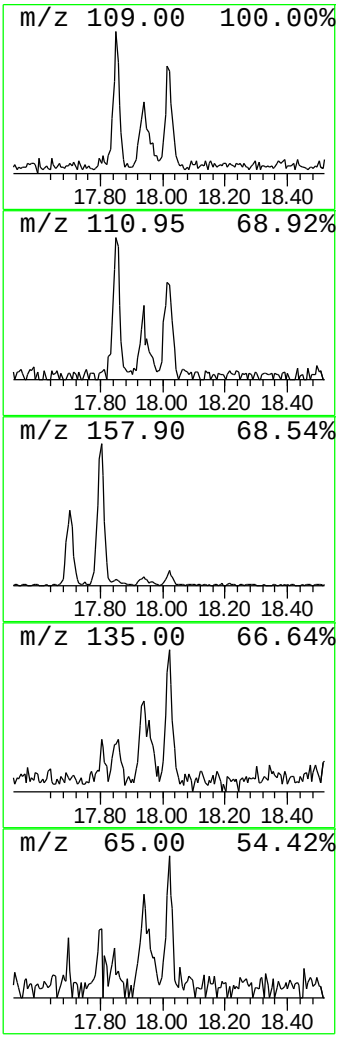
****

Peak Number 4 unknown02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	4.19 ng/ul	151612	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-phenoxy-	185	C12H11NO	003586-12-7	30
2	p-(Methylsulfonyl)-benzoic acid	200	C8H8O4S	004052-30-6	18
3	3-Ethoxy-2-nitro-phenol	183	C8H9NO4	1000187-27-6	15
4	Benzene, 2-azido-1-methyl-3-nitro-	178	C7H6N4O2	016714-18-4	14
5	N-(3-Bromophenyl)formamide	199	C7H6BrNO	037831-25-7	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

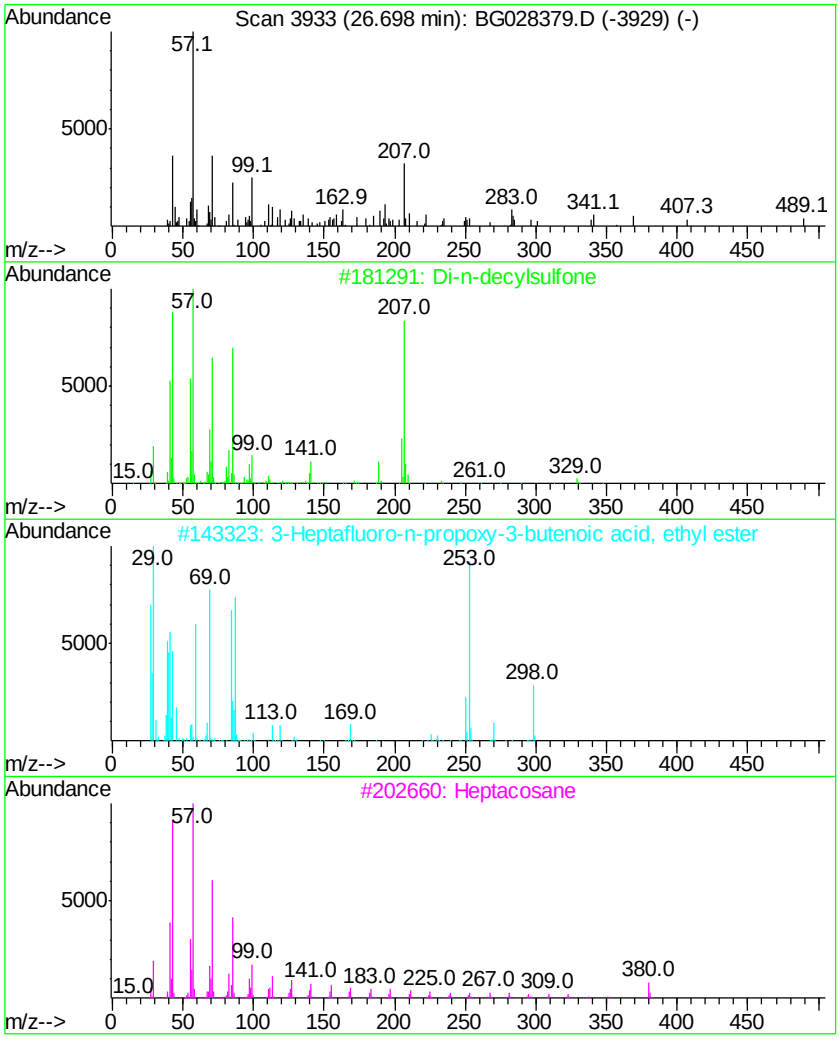
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

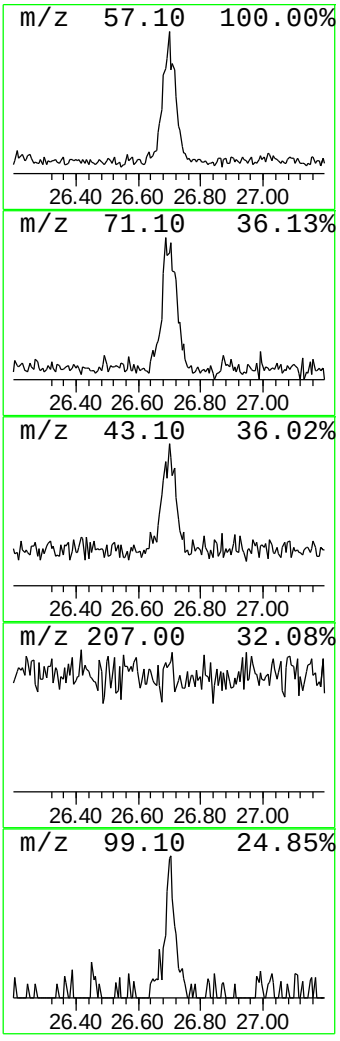
****

Peak Number 5 unknown03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.21 ng/ul	92827	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-n-decylsulfone	346	C20H42O2S	111530-37-1	35
2	3-Heptafluoro-n-propoxy-3-buteno...	298	C9H9F7O3	1000222-28-7	25
3	Heptacosane	380	C27H56	000593-49-7	14
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	14
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081617\
Data File : BG028379.D
Acq On : 16 Aug 2017 20:17
Operator : SJ/JU
Sample : I4693-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0ZZ4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Benzene, chloro-	5.67	4.9	ng/ul	59912	1	8.34	242585	20.0
Benzene, 1,3-dich...	8.70	4.4	ng/ul	53622	1	8.34	242585	20.0
unknown01	17.94	3.4	ng/ul	123128	4	17.70	722898	20.0
unknown02	18.02	4.2	ng/ul	151612	4	17.70	722898	20.0
unknown03	26.70	2.2	ng/ul	92827	6	25.53	839532	20.0