LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

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-BG042717.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	3.426	53	57	64	rVB2	46728	72933	1.15%	0.099%
2	7.187	689	697	714	rVB	854757	1637866	25.79%	2.230%
3	7.334	715	722	731	rVB	740441	1206876	19.00%	1.643%
4	7.551	752	759	767	rBV	896777	1568877	24.70%	2.136%
5	8.009	830	837	846	rVB	833444	1409011	22.19%	1.919%
6	8.191	866	868	871	rBV	12723	11682	0.18%	0.016%
7	8.726	951	959	974	rBV2	1066034	2049593	32.27%	2.791%
8	9.167	1027	1034	1044	rVB	881169	1508783	23.76%	2.055%
9	9.320	1057	1060	1078	rVB5	27300	75620	1.19%	0.103%
10	9.890	1150	1157	1169	rVB	747686	1321443	20.81%	1.800%
11	10.154	1199	1202	1204	rBV3	10260	11825	0.19%	0.016%
12	10.442	1243	1251	1269	rVB	1093457	2069726	32.59%	2.819%
13	10.642	1283	1285	1296	rVB5	11350	25040	0.39%	0.034%
14	10.812	1304	1314	1328	rVB	1328566	2460148	38.74%	3.350%
15	10.941	1328	1336	1368	rVB	707311	1460253	22.99%	1.989%
16	11.329	1401	1402	1408	rVB3	8362	9469	0.15%	0.013%
17	11.476	1422	1427	1430	rBV6	6672	10635	0.17%	0.014%
18	11.582	1439	1445	1448	rBV8	9544	15357	0.24%	0.021%
19	11.617	1448	1451	1462	rVB8	11747	33560	0.53%	0.046%
20	11.723	1467	1469	1479	rVB9	6556	11911	0.19%	0.016%
21	11.817	1484	1485	1494	rVB8	9682	11968	0.19%	0.016%
22	12.075	1523	1529	1535	rVB6	5896	13076	0.21%	0.018%
23	12.152	1535	1542	1549	rVV4	20565	48820	0.77%	0.066%
24	12.210	1549	1552	1557	rVB5	9945	16552	0.26%	0.023%
25	12.281	1557	1564	1570	rBV2	22381	36094	0.57%	0.049%
26	12.387	1576	1582	1590	rVV3	22685	47331	0.75%	0.064%
27	12.463	1590	1595	1599	rVB3	16838	28866	0.45%	0.039%
28	12.598	1612	1618	1628	rVB3	9906	26516	0.42%	0.036%
29	12.680	1628	1632	1640	rBV9	8119	17832	0.28%	0.024%
30	12.786	1645	1650	1653	rVB6	6001	8616	0.14%	0.012%
31	13.068	1691	1698	1704	rBV6	7900	19323	0.30%	0.026%
32	13.150	1709	1712	1720	rVB9	11521	26047	0.41%	0.035%
33	13.233	1720	1726	1733	rBV3	25977	54867	0.86%	0.075%
34	13.444	1754	1762	1765	rBV6	16439	28432	0.45%	0.039%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

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-BG042717.M
Title : SVOA CALIBRATION

35	13.485	1765	1769	1772	rVV5	13989	16225	0.26%	0.022%
36	13.814	1814	1825	1829	rBV5	14789	36991	0.58%	0.050%
37	13.867	1829	1834	1835	rBV4	7458	9595	0.15%	0.013%
38	13.897	1836	1839	1842	rVV4	7643	10452	0.16%	0.014%
39	13.944	1842	1847	1852	rVV7	23226	42678	0.67%	0.058%
40	14.026	1853	1861	1865	rVV	1940886	2925982	46.07%	3.985%
41	14.067	1865	1868	1878	rVB	506811	716162	11.28%	0.975%
42	14.149	1878	1882	1884	rBV5	8649	10992	0.17%	0.015%
43	14.320	1900	1911	1919	rBV	2515704	4007867	63.11%	5.458%
44	14.431	1928	1930	1934	rVB5	6268	7815	0.12%	0.011%
45	14.508	1938	1943	1951	rVB	43753	66611	1.05%	0.091%
46	14.625	1951	1963	1971	rBV2	1874918	3079887	48.50%	4.194%
47	14.702	1971	1976	1981	rVB9	10003	19743	0.31%	0.027%
48	14.754	1981	1985	1988	rBV6	5727	8224	0.13%	0.011%
49	14.843	1993	2000	2016	rBV	587339	1356098	21.35%	1.847%
50	14.978	2018	2023	2028	rVB4	32093	45777	0.72%	0.062%
51	15.119	2045	2047	2053	rVB6	10769	18110	0.29%	0.025%
52	15.195	2058	2060	2063	rBV3	9375	11335	0.18%	0.015%
53	15.289	2073	2076	2081	rBV7	8226	12312	0.19%	0.017%
54	15.354	2081	2087	2089	rBV7	14720	21818	0.34%	0.030%
55	15.407	2091	2096	2101	rBV2	49195	94530	1.49%	0.129%
56	15.454	2101	2104	2110	rVB	85737	109618	1.73%	0.149%
57	15.512	2111	2114	2118	rVV6	11432	18365	0.29%	0.025%
58	15.612	2124	2131	2139	rBV	3002449	4559571	71.80%	6.209%
59	15.730	2145	2151	2161	rBV	770452	1181022	18.60%	1.608%
60	15.847	2166	2171	2178	rBV4	68334	141121	2.22%	0.192%
61	15.959	2186	2190	2195	rBV7	20879	31686	0.50%	0.043%
62	16.012	2196	2199	2206	rBV8	19471	45352	0.71%	0.062%
63	16.082	2207	2211	2216	rBV3	91385	135728	2.14%	0.185%
64	16.311	2246	2250	2253	rBV	148237	210648	3.32%	0.287%
65	16.552	2289	2291	2298	rBV8	34009	70950	1.12%	0.097%
66	17.105	2379	2385	2389	rBV	382176	543901	8.56%	0.741%
67	17.152	2390	2393	2397	rVV4	87139	127764	2.01%	0.174%
68	17.204	2399	2402	2406	rVB	92173	120698	1.90%	0.164%
69	17.357	2422	2428	2433	rBV2	1986234	3037730	47.83%	4.137%
70	17.457	2439	2445	2454	rVB2	2934457	4444951	69.99%	6.053%
71	17.839	2507	2510	2514	rBV3	113108	137250	2.16%	0.187%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

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-BG042717.M
Title : SVOA CALIBRATION

72	18.244	2574	2579	2587	rBV	988570	1594355	25.11%	2.171%
73	19.408	2772	2777	2783	rVB	591964	949724	14.95%	1.293%
74	19.514	2790	2795	2801	rBV2	872774	1481034	23.32%	2.017%
75	19.743	2828	2834	2842	rBV2	3302339	5747238	90.50%	7.826%
76	21.488	3126	3131	3138	rVB	4613799	6350593	100.00%	8.648%
77	21.611	3146	3152	3157	rBV	1933575	3262233	51.37%	4.442%
78	24.590	3650	3659	3665	rBV2	1506259	4203109	66.18%	5.724%
79	24.796	3687	3694	3715	rVB2	1491139	5054698	79.59%	6.883%

Sum of corrected areas: 73433491

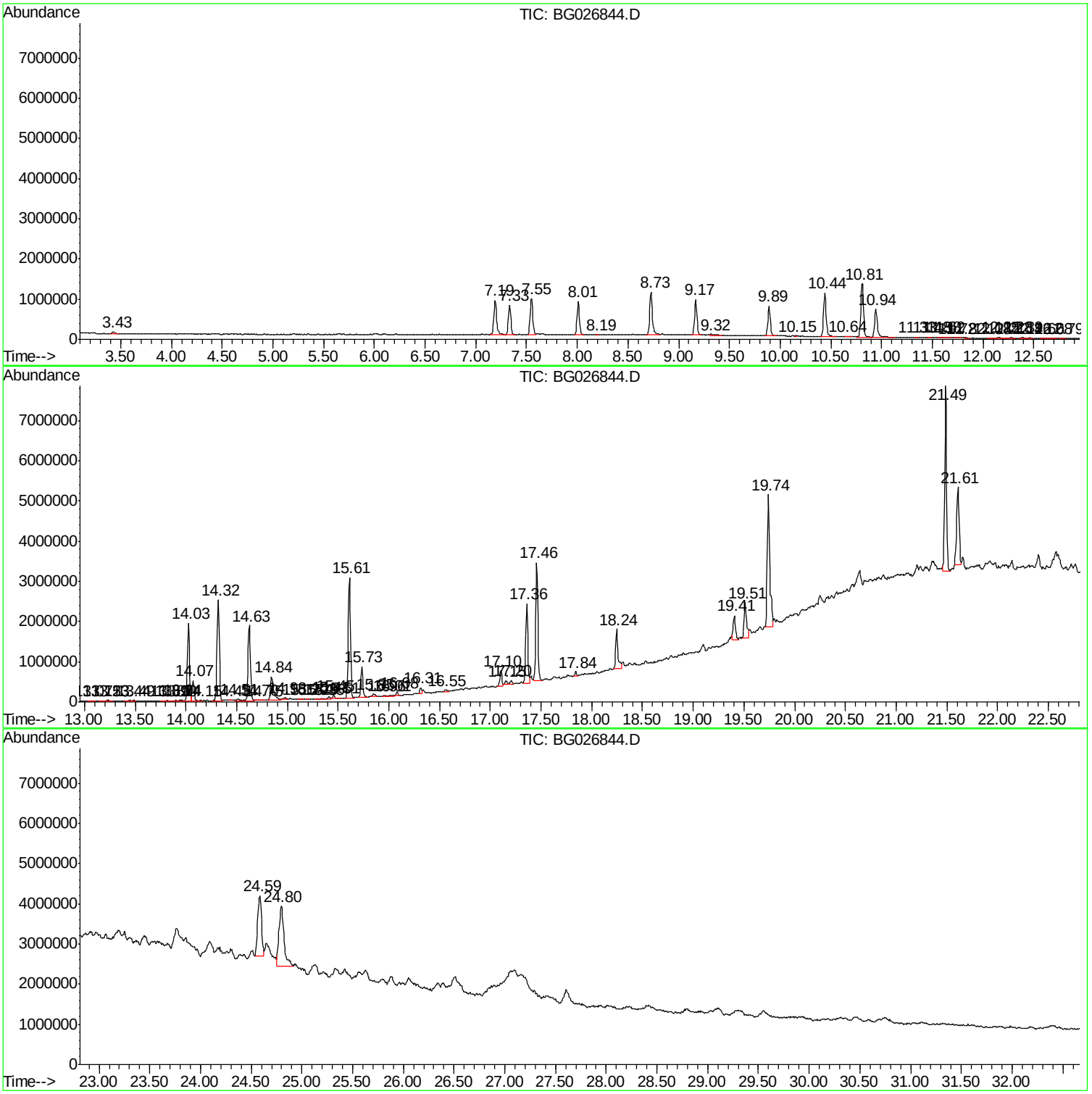
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

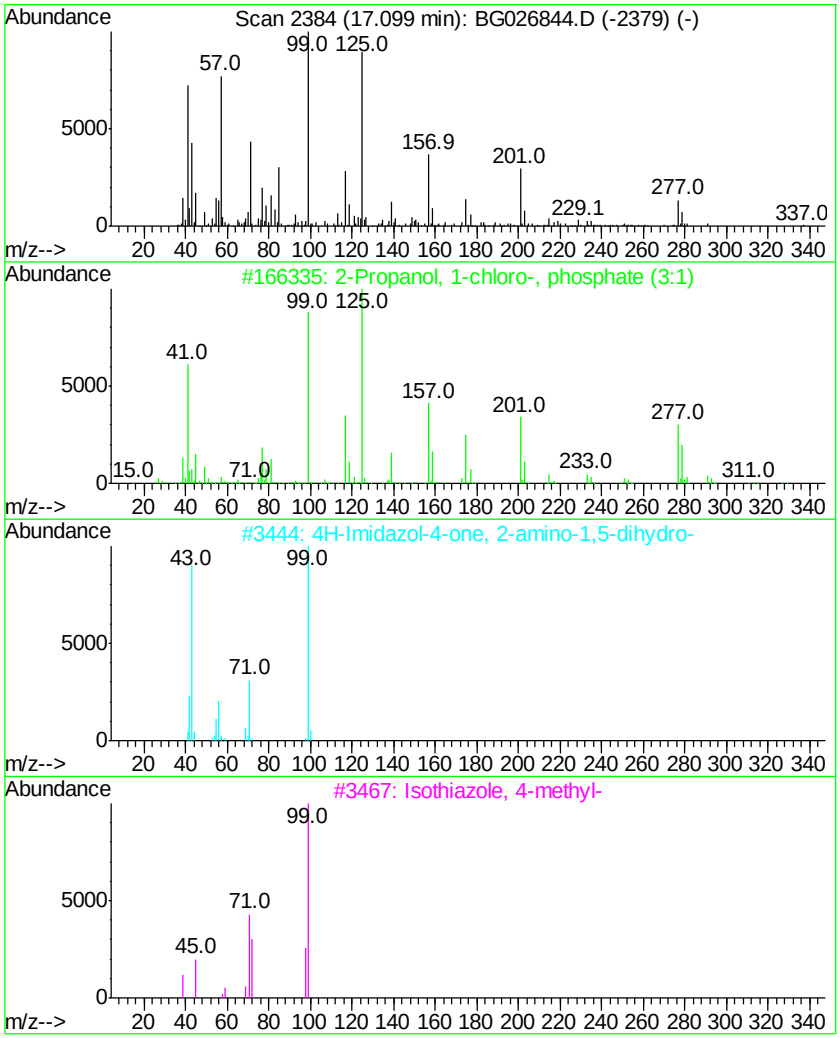
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

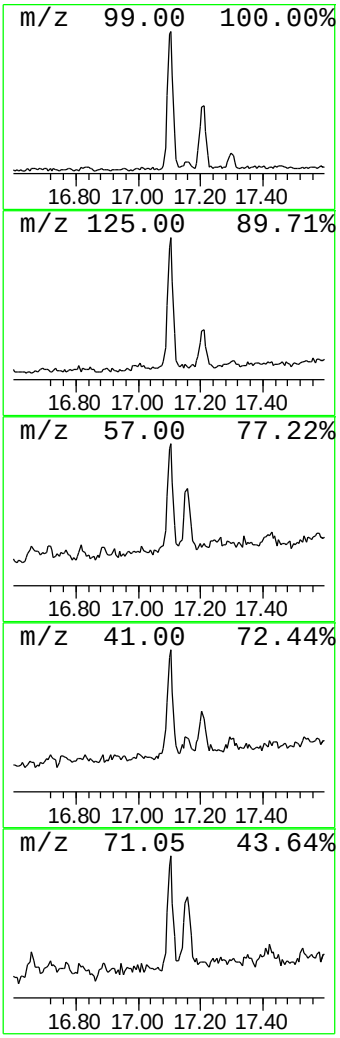
****

Peak Number 1 2-Propanol, 1-chloro-, phos... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	3.58 ng/ul	543901	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	30
3	Isothiazole, 4-methyl-	99	C4H5NS	000693-90-3	27
4	Hexanoic acid, 3-fluorophenyl ester	210	C12H15FO2	1000330-93-1	27
5	Hexanoic acid, 2-fluorophenyl ester	210	C12H15FO2	1000325-69-8	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

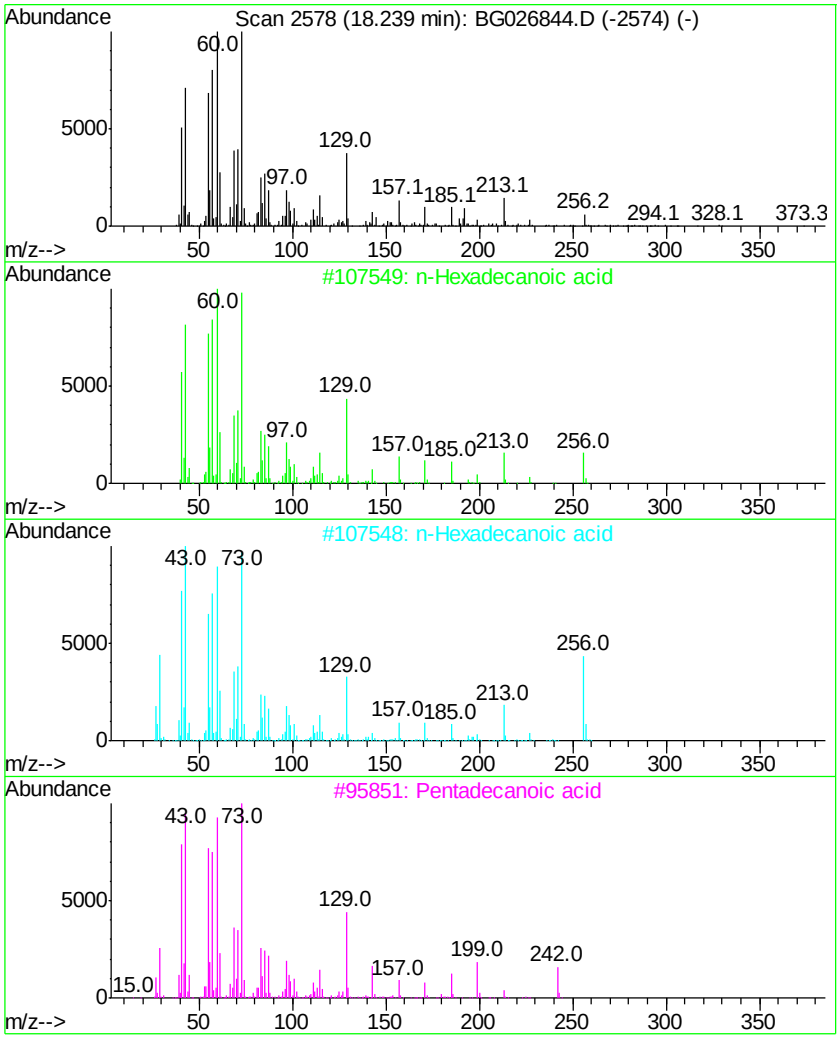
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

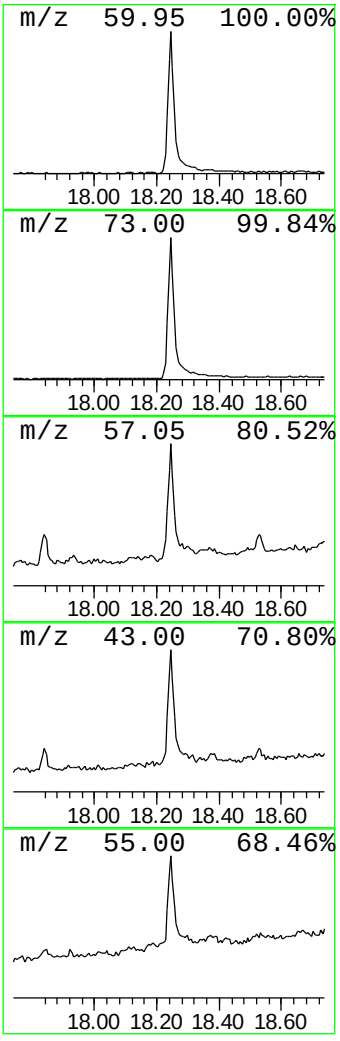
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	10.50 ng/ul	1594360	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

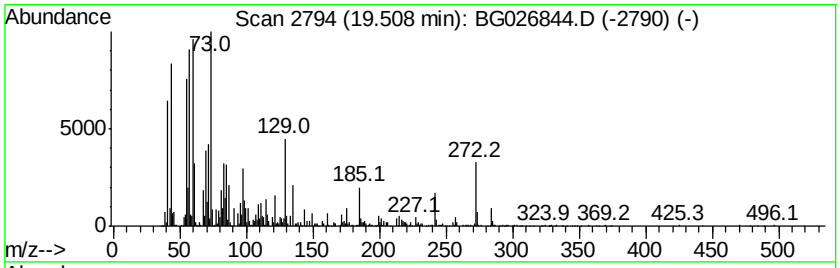
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

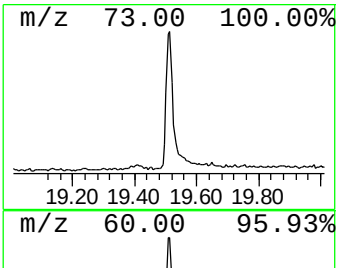
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	9.08 ng/ul	1481030	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

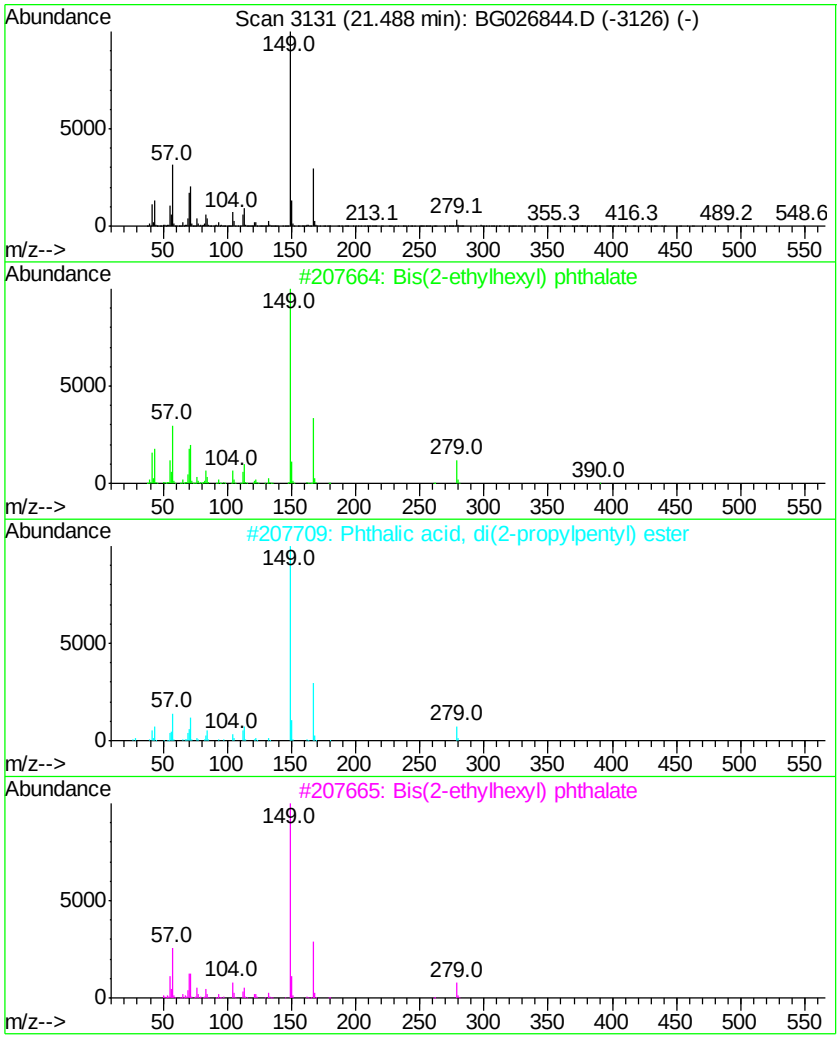
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

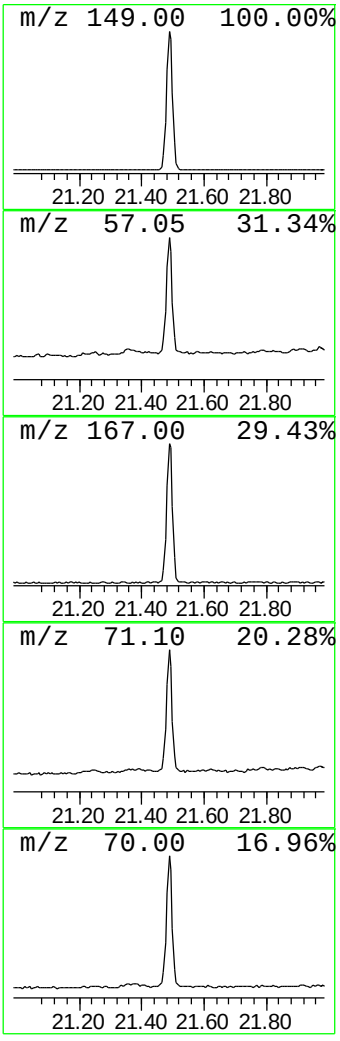
****

Peak Number 4 Bis(2-ethylhexyl) phthalate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	38.93 ng/ul	6350590	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	91
3	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	80
4	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	72
5	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026844.D
Acq On : 2 May 2017 15:30
Operator : SJ/MA
Sample : I2850-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSW8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
2-Propanol, 1-chl...	17.10	3.6	ng/ul	543901	4	17.36	3037730	20.0
n-Hexadecanoic acid	18.24	10.5	ng/ul	1594360	4	17.36	3037730	20.0
Octadecanoic acid	19.51	9.1	ng/ul	1481030	5	21.61	3262230	20.0
Bis(2-ethylhexyl)...	21.49	38.9	ng/ul	6350590	5	21.61	3262230	20.0