LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

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-BG113016.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	3.217	63	64	71	rVB5	12111	16613	0.26%	0.037%
2	3.605	123	130	142	rBV	377164	633028	10.04%	1.396%
3	4.134	215	220	233	rVB4	18225	48558	0.77%	0.107%
4	4.357	249	258	281	rVB	3592382	6307128	100.00%	13.912%
5	5.520	451	456	465	rBV8	19236	49194	0.78%	0.109%
6	6.290	584	587	592	rVB6	7759	11027	0.17%	0.024%
7	7.383	765	773	794	rBV3	364736	844899	13.40%	1.864%
8	7.548	794	801	811	rVB	238300	421209	6.68%	0.929%
9	7.642	812	817	824	rVB7	8780	16293	0.26%	0.036%
10	7.765	829	838	853	rBV2	345344	668954	10.61%	1.476%
11	7.988	870	876	884	rBV4	14619	24579	0.39%	0.054%
12	8.235	911	918	927	rBV	285267	530444	8.41%	1.170%
13	8.305	927	930	936	rVB5	15704	29822	0.47%	0.066%
14	8.746	1001	1005	1009	rBV4	7177	12386	0.20%	0.027%
15	8.940	1030	1038	1050	rBV	415209	796661	12.63%	1.757%
16	9.304	1091	1100	1101	rBV7	6962	15069	0.24%	0.033%
17	9.410	1109	1118	1129	rBV	348697	667961	10.59%	1.473%
18	9.486	1129	1131	1138	rVB5	7413	11019	0.17%	0.024%
19	9.733	1169	1173	1178	rBV5	9293	18254	0.29%	0.040%
20	9.974	1211	1214	1223	rVB7	5601	12773	0.20%	0.028%
21	10.139	1233	1242	1252	rBV2	318744	630027	9.99%	1.390%
22	10.215	1252	1255	1261	rVV7	7619	10387	0.16%	0.023%
23	10.679	1325	1334	1352	rVB	424430	849216	13.46%	1.873%
24	11.061	1389	1399	1415	rBV	403895	788464	12.50%	1.739%
25	11.202	1415	1423	1433	rBV2	338547	682183	10.82%	1.505%
26	11.461	1463	1467	1471	rVB6	9945	14888	0.24%	0.033%
27	11.878	1533	1538	1545	rVB8	7369	16410	0.26%	0.036%
28	12.342	1613	1617	1622	rBV7	6669	10716	0.17%	0.024%
29	12.730	1672	1683	1694	rBV7	76567	170185	2.70%	0.375%
30	12.835	1697	1701	1709	rVB6	14729	31332	0.50%	0.069%
31	12.918	1709	1715	1719	rBV6	12615	20604	0.33%	0.045%
32	12.965	1719	1723	1727	rVV5	9771	14106	0.22%	0.031%
33	13.053	1734	1738	1746	rVB7	9120	22954	0.36%	0.051%
34	13.117	1746	1749	1757	rBV8	5866	10573	0.17%	0.023%

LSC Area Percent Report

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Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

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-BG113016.M
Title : SVOA CALIBRATION

35	13.194	1757	1762	1767	rBV8	11319	20000	0.32%	0.044%
36	13.317	1779	1783	1791	rVB8	10335	18340	0.29%	0.040%
37	13.394	1792	1796	1800	rVB6	7698	14104	0.22%	0.031%
38	13.535	1813	1820	1825	rBV8	8327	15281	0.24%	0.034%
39	13.629	1832	1836	1843	rVB5	8445	16027	0.25%	0.035%
40	13.693	1843	1847	1850	rBV4	10757	13941	0.22%	0.031%
41	13.799	1861	1865	1869	rVB5	10408	13956	0.22%	0.031%
42	14.011	1899	1901	1904	rBV3	7373	10769	0.17%	0.024%
43	14.163	1924	1927	1929	rBV4	11502	13465	0.21%	0.030%
44	14.246	1934	1941	1946	rBV	781160	1198565	19.00%	2.644%
45	14.293	1946	1949	1963	rVB2	107482	167560	2.66%	0.370%
46	14.404	1964	1968	1973	rBV6	7116	10527	0.17%	0.023%
47	14.551	1986	1993	2004	rBV	841237	1362886	21.61%	3.006%
48	14.704	2012	2019	2025	rBV7	16223	30953	0.49%	0.068%
49	14.857	2034	2045	2053	rBV	652822	1066739	16.91%	2.353%
50	15.062	2073	2080	2099	rBV2	274810	593684	9.41%	1.310%
51	15.227	2103	2108	2109	rBV4	13715	16147	0.26%	0.036%
52	15.462	2145	2148	2150	rBV4	10326	12905	0.20%	0.028%
53	15.597	2165	2171	2172	rBV5	12012	16501	0.26%	0.036%
54	15.644	2176	2179	2185	rVB4	42892	60084	0.95%	0.133%
55	15.844	2206	2213	2228	rBV	1086234	1672207	26.51%	3.688%
56	15.967	2228	2234	2241	rBV	365556	574473	9.11%	1.267%
57	16.085	2251	2254	2261	rVB8	15468	27517	0.44%	0.061%
58	16.267	2280	2285	2292	rVB8	8644	23442	0.37%	0.052%
59	16.367	2296	2302	2304	rBV7	6348	13696	0.22%	0.030%
60	16.455	2311	2317	2321	rVB8	11683	21151	0.34%	0.047%
61	16.502	2321	2325	2335	rBV	49042	94985	1.51%	0.210%
62	16.772	2360	2371	2381	rVB	61276	123785	1.96%	0.273%
63	16.954	2399	2402	2408	rVB8	10676	18722	0.30%	0.041%
64	17.195	2439	2443	2445	rBV5	18029	23520	0.37%	0.052%
65	17.224	2445	2448	2455	rVB9	30814	43140	0.68%	0.095%
66	17.289	2455	2459	2464	rBV3	39522	56018	0.89%	0.124%
67	17.600	2504	2512	2521	rBV2	771176	1231738	19.53%	2.717%
68	17.700	2521	2529	2538	rVB	1087899	1750885	27.76%	3.862%
69	17.830	2548	2551	2557	rBV7	7814	13249	0.21%	0.029%
70	17.988	2575	2578	2580	rBV4	11859	15520	0.25%	0.034%
71	18.029	2582	2585	2590	rVB6	24960	36006	0.57%	0.079%

LSC Area Percent Report

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Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

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-BG113016.M
Title : SVOA CALIBRATION

72	18.294	2627	2630	2634	rVB5	9391	11552	0.18%	0.025%
73	18.435	2649	2654	2663	rBV	179523	256626	4.07%	0.566%
74	18.511	2664	2667	2677	rVB7	18284	36692	0.58%	0.081%
75	18.670	2692	2694	2697	rBV4	10351	11475	0.18%	0.025%
76	18.717	2698	2702	2707	rBV7	17675	36863	0.58%	0.081%
77	18.969	2742	2745	2749	rBV5	9364	14622	0.23%	0.032%
78	19.304	2795	2802	2806	rBV10	28021	80165	1.27%	0.177%
79	19.498	2831	2835	2844	rBV2	107458	175700	2.79%	0.388%
80	19.633	2855	2858	2864	rVB8	15695	25435	0.40%	0.056%
81	19.692	2864	2868	2873	rBV3	69057	95750	1.52%	0.211%
82	19.833	2889	2892	2894	rBV3	19454	21028	0.33%	0.046%
83	19.857	2894	2896	2903	rVV7	21153	31700	0.50%	0.070%
84	19.968	2908	2915	2925	rBV2	1299946	2082987	33.03%	4.595%
85	20.838	3059	3063	3072	rVB5	73537	139605	2.21%	0.308%
86	21.472	3167	3171	3180	rVB4	98936	199674	3.17%	0.440%
87	21.590	3187	3191	3196	rVB3	91326	152507	2.42%	0.336%
88	21.672	3200	3205	3208	rBV	300787	398491	6.32%	0.879%
89	21.719	3208	3213	3219	rVB	3634685	5237874	83.05%	11.553%
90	21.890	3237	3242	3256	rBV2	959476	2222469	35.24%	4.902%
91	22.013	3257	3263	3266	rVV	795827	1304395	20.68%	2.877%
92	22.042	3266	3268	3275	rVV	580737	798255	12.66%	1.761%
93	22.107	3275	3279	3284	rVB	244944	344096	5.46%	0.759%
94	22.154	3284	3287	3292	rBV6	85160	162016	2.57%	0.357%
95	22.289	3299	3310	3320	rBV2	485452	1594102	25.27%	3.516%
96	22.377	3320	3325	3327	rBV2	440696	794548	12.60%	1.753%
97	22.407	3327	3330	3335	rVB2	474055	751172	11.91%	1.657%
98	22.665	3370	3374	3379	rBV4	94450	196054	3.11%	0.432%
99	25.068	3774	3783	3798	rBV2	607371	1960921	31.09%	4.325%
100	25.309	3814	3824	3835	rBV2	445724	1379213	21.87%	3.042%

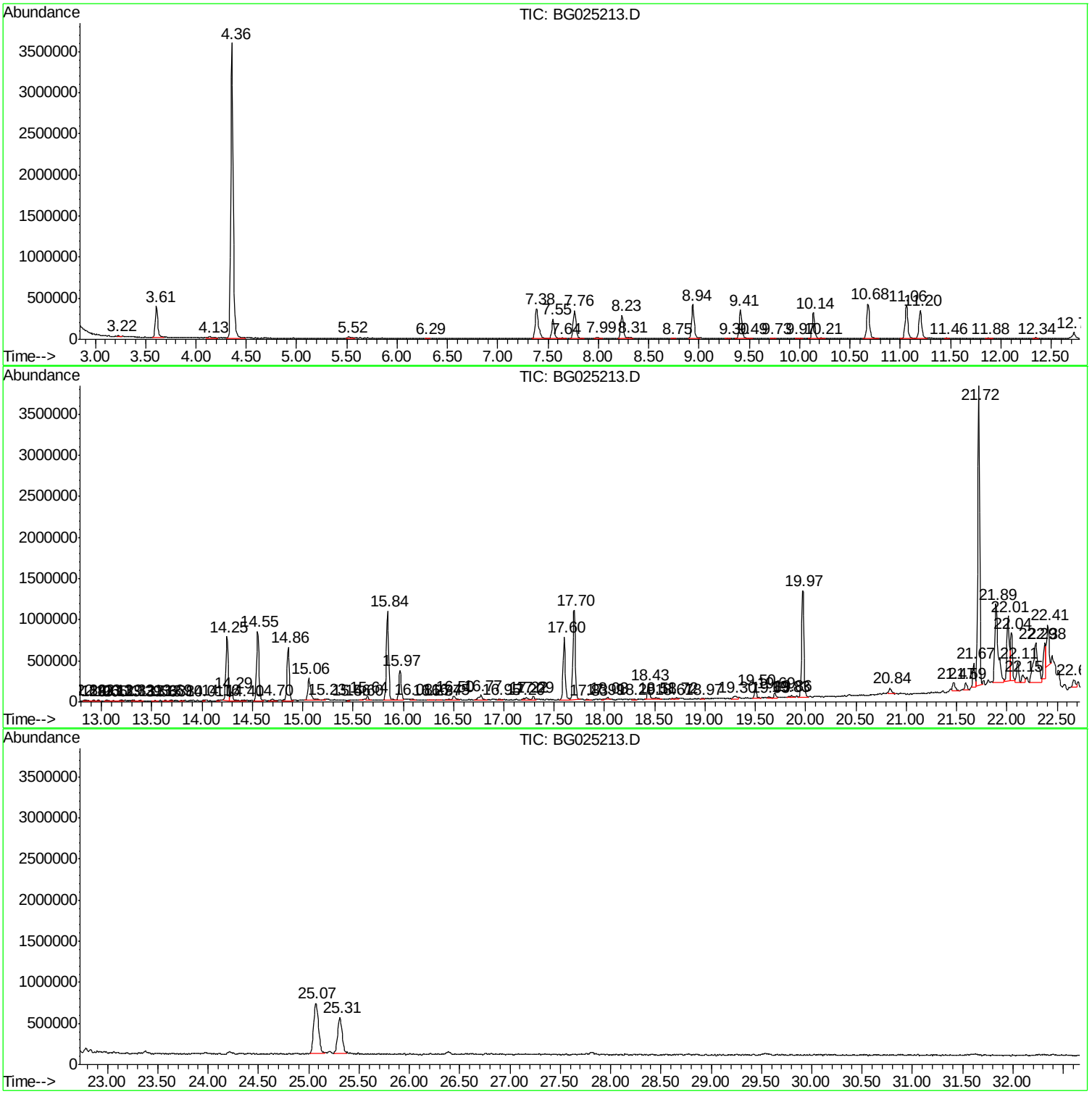
Sum of corrected areas: 45336391

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
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Operator : UM/SJ
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

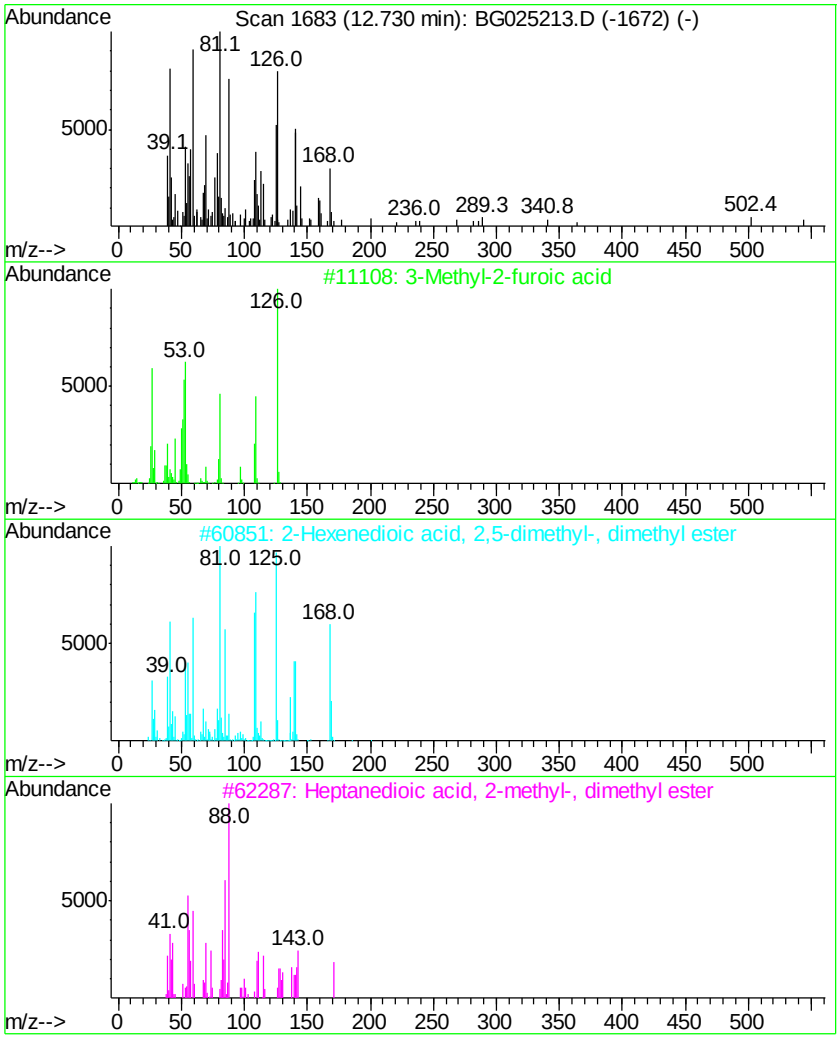
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

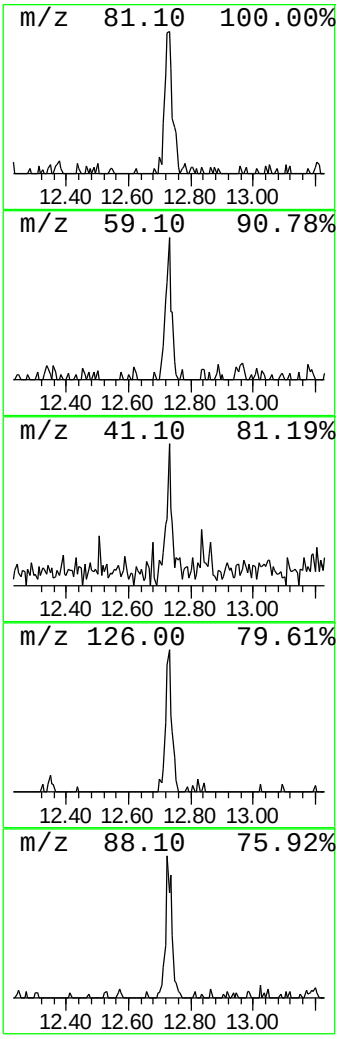
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.32 ng/ul	170185	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-furoic acid	126	C6H6O3	004412-96-8	43
2	2-Hexenedioic acid, 2,5-dimethyl...	200	C10H16O4	019550-59-5	32
3	Heptanedioic acid, 2-methyl-, di...	202	C10H18O4	033658-48-9	14
4	2-tert-Butylthiazole	141	C7H11NS	013623-12-6	14
5	Thiazole, 4-methyl-2-(1-methylet...	141	C7H11NS	015679-13-7	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

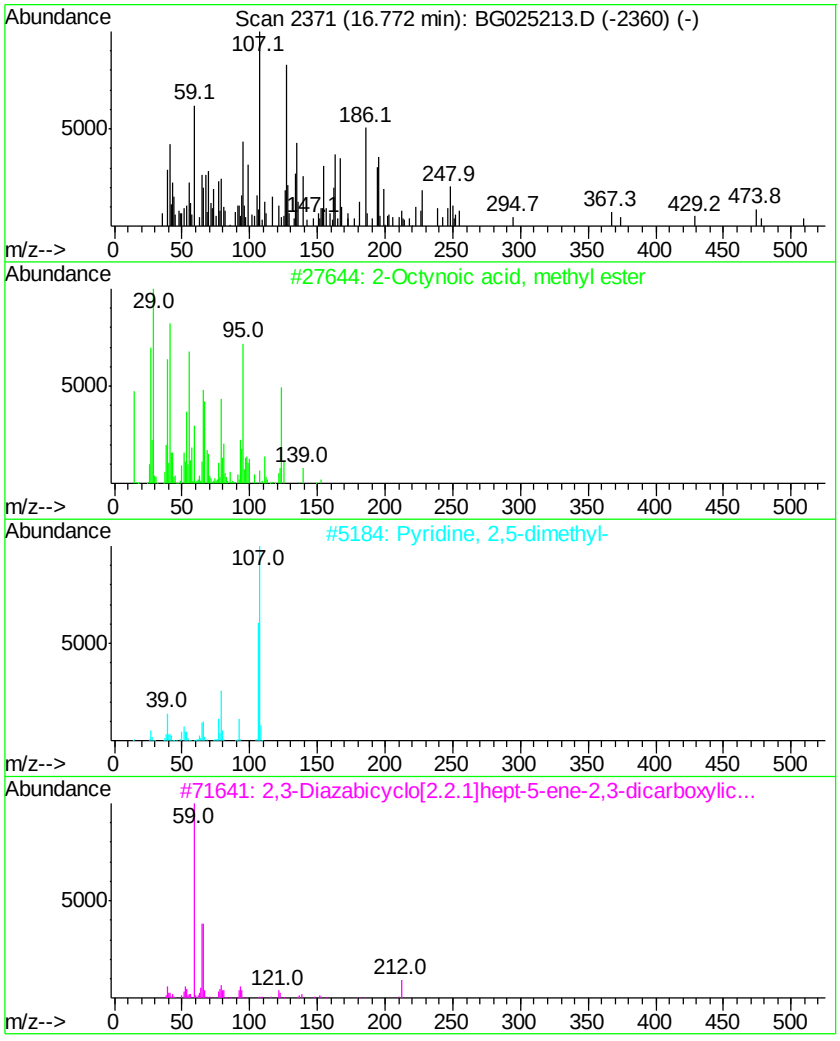
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

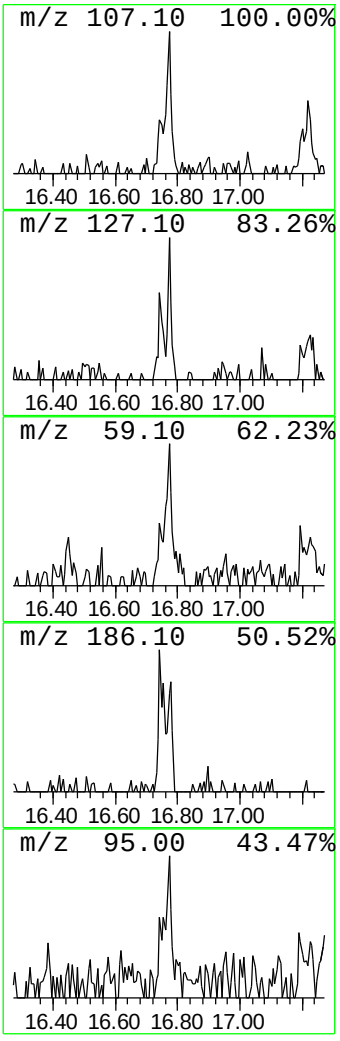
****

Peak Number 3 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.01 ng/ul	123785	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octynoic acid, methyl ester	154	C9H14O2	000111-12-6	14
2	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	12
3	2,3-Diazabicyclo[2.2.1]hept-5-en...	212	C9H12N2O4	005510-69-0	11
4	1-(4-Chlorophenyl)-3-phenylurea	246	C13H11ClN2O	001967-26-6	11
5	3-Bromomethyphenol	186	C7H7BrO	074597-04-9	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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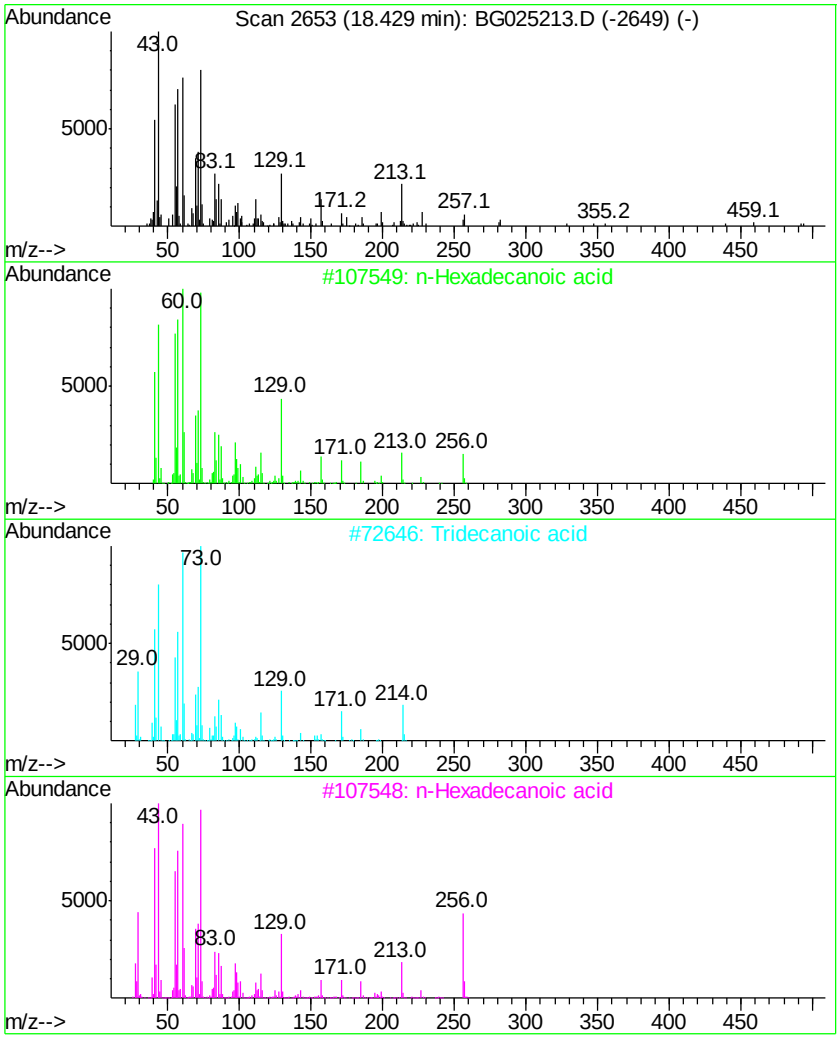
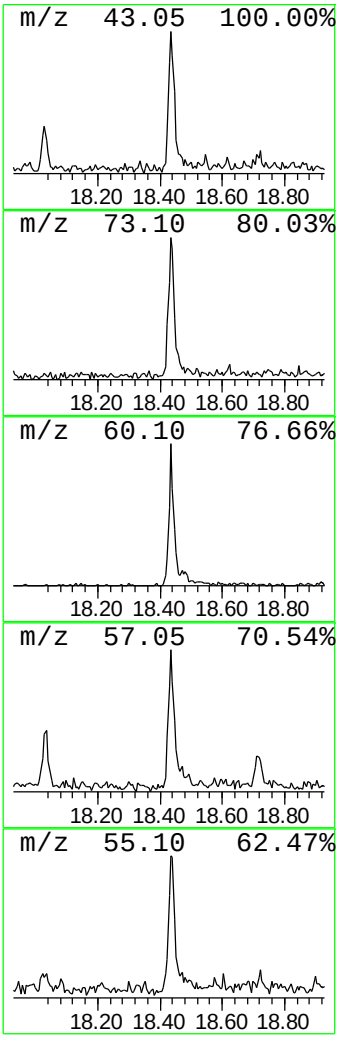
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	4.17 ng/ul	256626	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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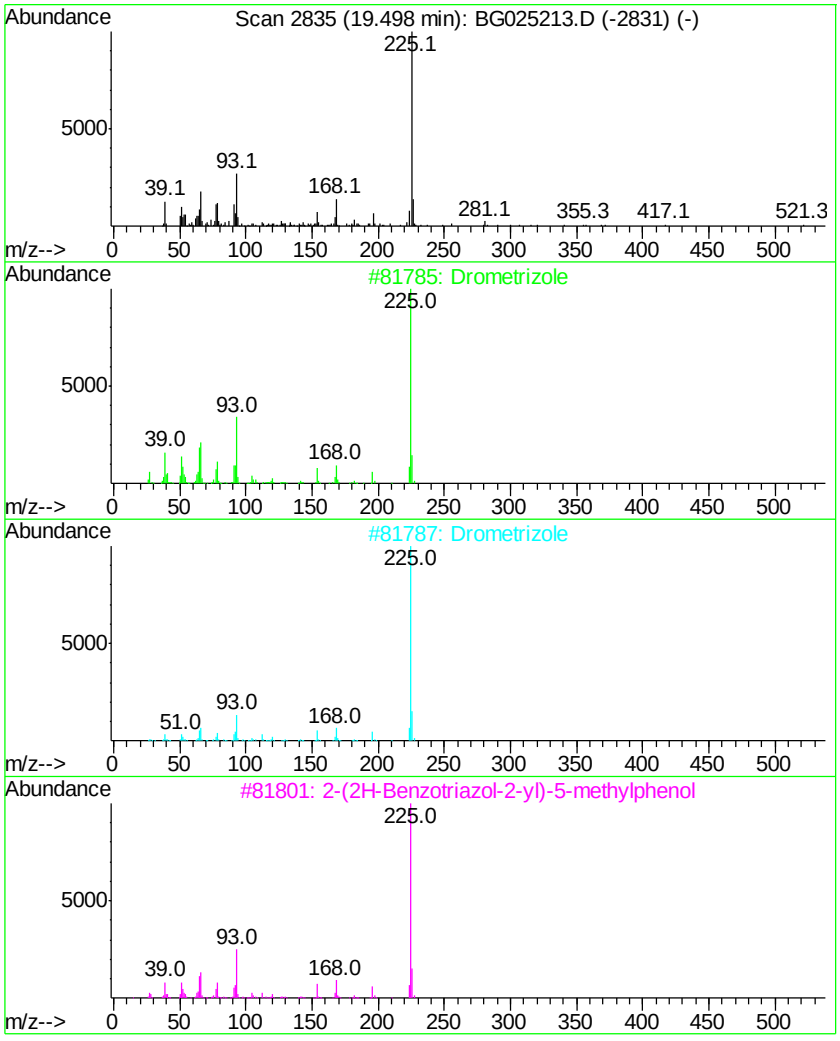
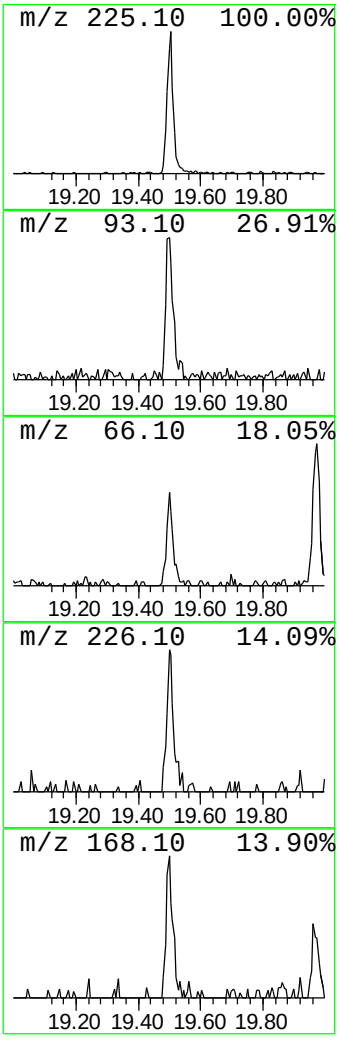
Peak Number 5 Drometrizole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.85 ng/ul	175700	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Drometrizole	225	C13H11N3O	002440-22-4	95
2	Drometrizole	225	C13H11N3O	002440-22-4	94
3	2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	91
4	Drometrizole	225	C13H11N3O	002440-22-4	91
5	Drometrizole	225	C13H11N3O	002440-22-4	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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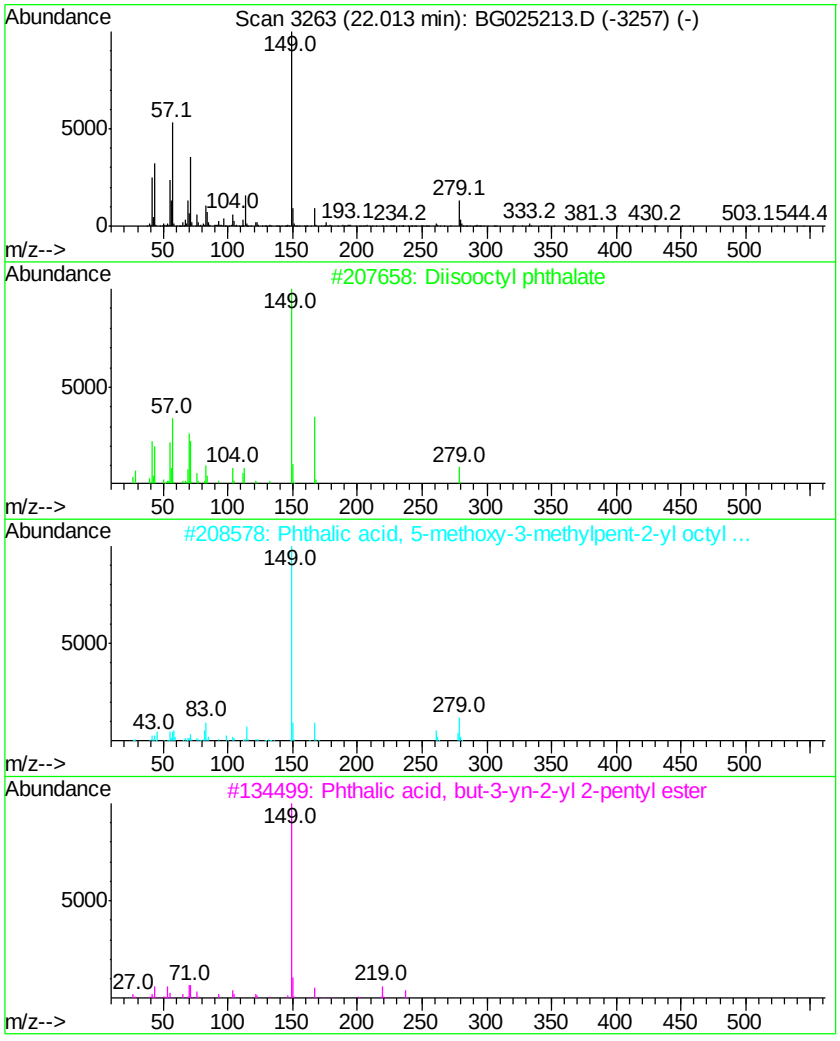
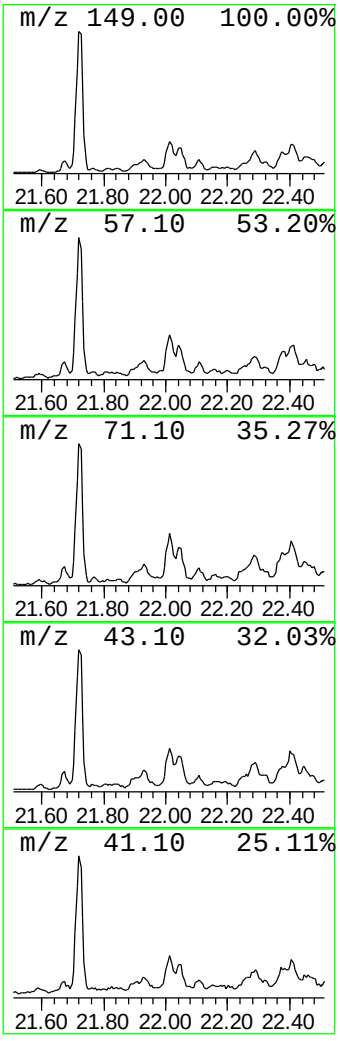
Peak Number 6 Diisooctyl phthalate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	11.74 ng/ul	1304400	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl phthalate	390	C24H38O4	000131-20-4	64
2	Phthalic acid, 5-methoxy-3-methy...	392	C23H36O5	1000315-38-0	59
3	Phthalic acid, but-3-yn-2-yl 2-p...	288	C17H20O4	1000315-75-5	53
4	Phthalic acid, di(2-methylbutyl)...	306	C18H26O4	1000322-82-5	53
5	Phthalic acid, heptyl neopentyl ...	334	C20H30O4	1000315-30-0	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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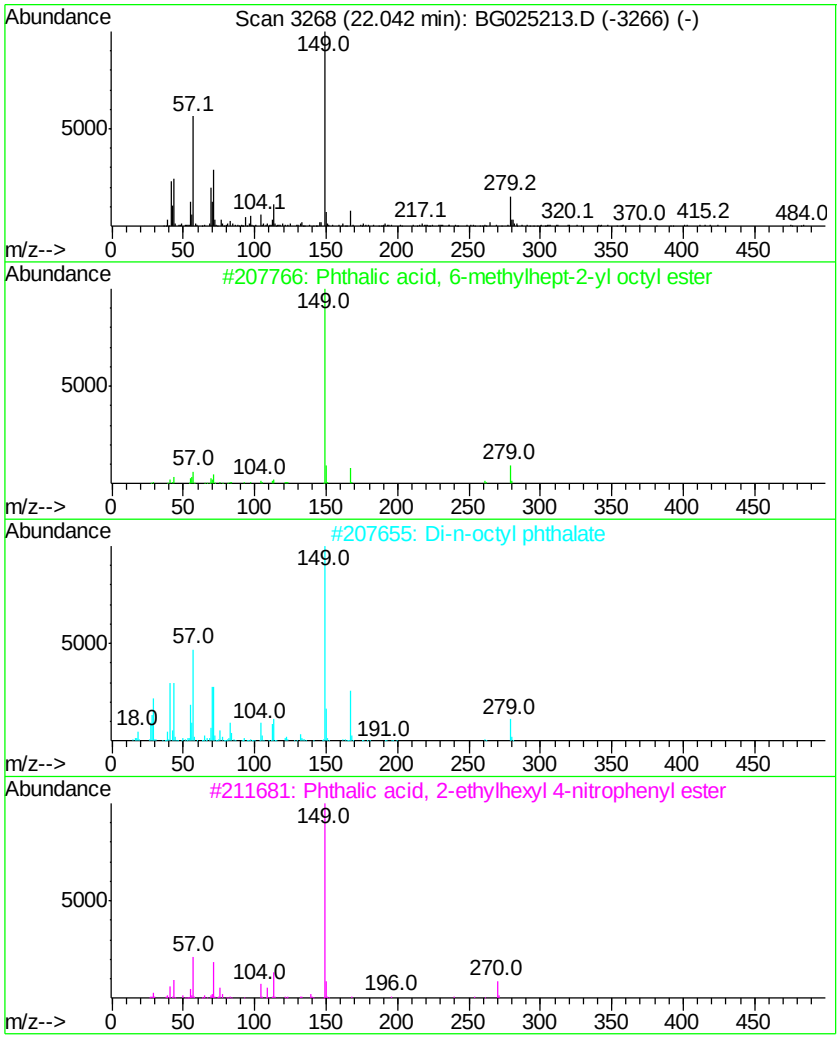
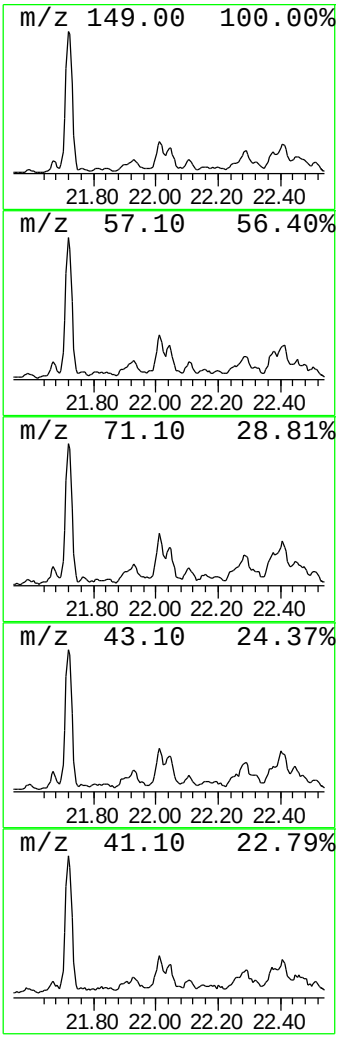
Peak Number 7 Phthalic acid, 6-methylhept... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	7.18 ng/ul	798255	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 6-methylhept-2-yl...	390	C24H38O4	1000377-96-2	72
2	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	72
3	Phthalic acid, 2-ethylhexyl 4-ni...	399	C22H25NO6	1000315-52-1	53
4	Phthalic acid, octyl tridec-2-yn...	456	C29H44O4	1000315-44-1	53
5	Phthalic acid, octadecyl 2-propy...	530	C34H58O4	1000377-93-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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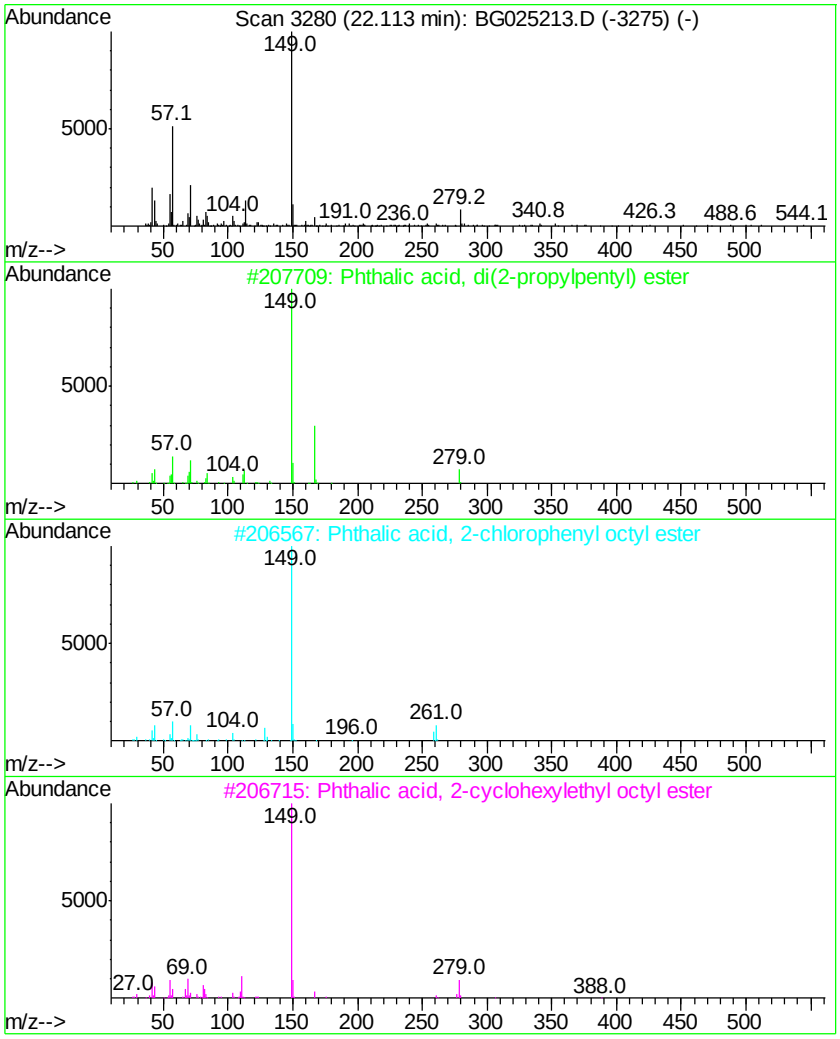
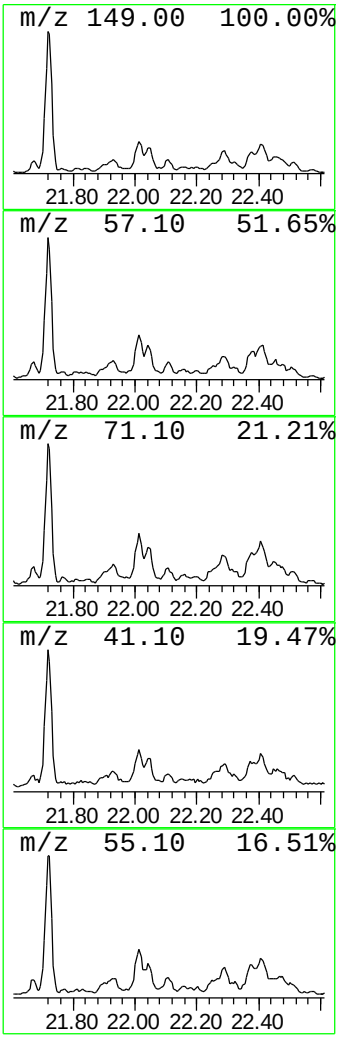
Peak Number 8 Phthalic acid, di(2-propylp... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	3.10 ng/ul	344096	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	64
2	Phthalic acid, 2-chlorophenyl oc...	388	C22H25ClO4	1000309-87-1	59
3	Phthalic acid, 2-cyclohexylethyl...	388	C24H36O4	1000309-87-8	58
4	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	53
5	Phthalic acid, 2-ethylhexyl trid...	460	C29H48O4	1000308-99-0	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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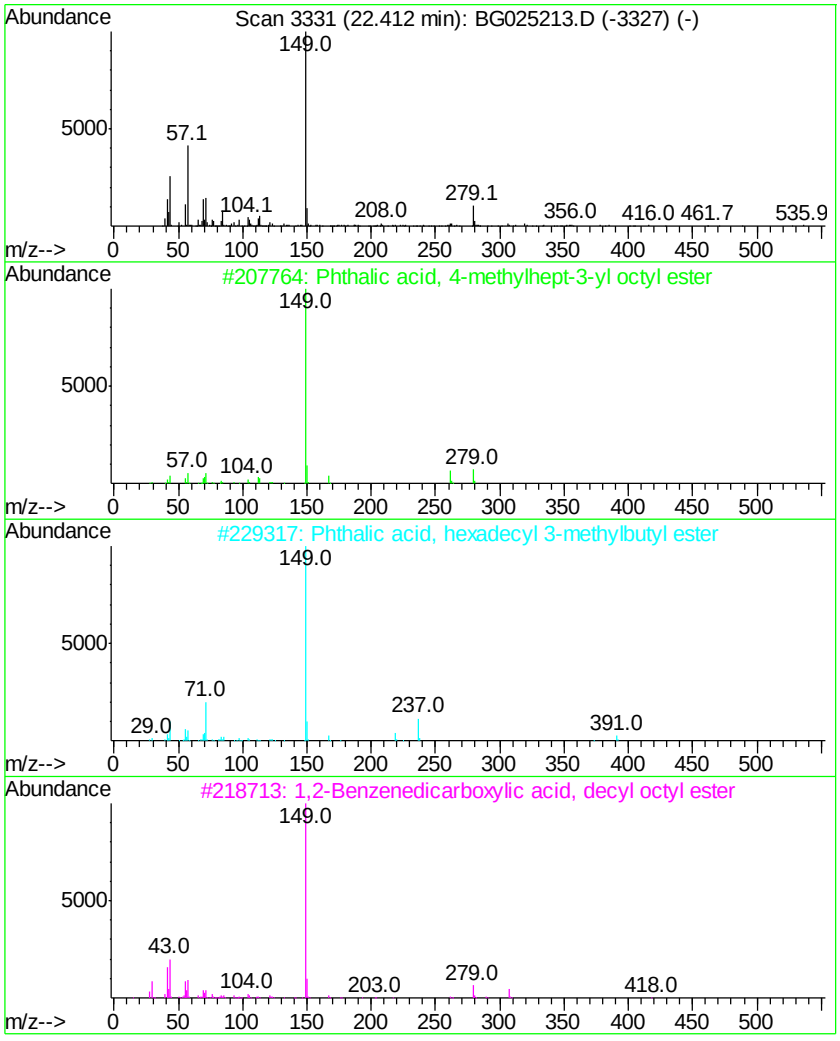
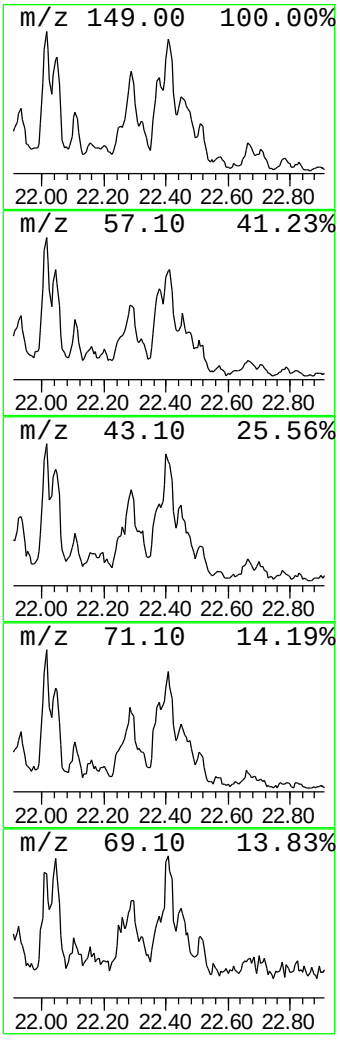
Peak Number 11 Phthalic acid, 4-methylhept... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	6.76 ng/ul	751172	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-methylhept-3-yl...	390	C24H38O4	1000377-94-3	78
2	Phthalic acid, hexadecyl 3-methy...	460	C29H48O4	1000356-81-7	59
3	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	53
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	49
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025213.D
Acq On : 15 Dec 2016 16:01
Operator : UM/SJ
Sample : H5995-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA867

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
unknown-01	12.73	4.3	ng/ul	170185	2	11.06	788464	20.0
unknown-02	16.77	2.0	ng/ul	123785	4	17.60	1231740	20.0
n-Hexadecanoic acid	18.43	4.2	ng/ul	256626	4	17.60	1231740	20.0
Drometrizole	19.50	2.9	ng/ul	175700	4	17.60	1231740	20.0
Diisooctyl phthalate	22.01	11.7	ng/ul	1304400	5	21.89	2222470	20.0
Phthalic acid, 6-...	22.04	7.2	ng/ul	798255	5	21.89	2222470	20.0
Phthalic acid, di...	22.11	3.1	ng/ul	344096	5	21.89	2222470	20.0
Phthalic acid, 4-...	22.41	6.8	ng/ul	751172	5	21.89	2222470	20.0