LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	3.349	109	112	119	rVB4	10601	14244	0.80%	0.094%
2	3.736	173	178	185	rVB	125184	163811	9.22%	1.077%
3	6.721	676	686	700	rVV2	260880	522340	29.40%	3.434%
4	6.850	703	708	715	rVB	66754	99149	5.58%	0.652%
5	7.038	735	740	749	rVB	93230	146014	8.22%	0.960%
6	7.509	814	820	827	rBV	114930	173438	9.76%	1.140%
7	7.961	892	897	901	rBV	31292	46564	2.62%	0.306%
8	8.014	901	906	914	rVB2	53134	86218	4.85%	0.567%
9	8.225	936	942	948	rBV	115501	177599	10.00%	1.168%
10	8.660	1010	1016	1025	rVB	84379	137151	7.72%	0.902%
11	9.377	1132	1138	1145	rVB	78460	125314	7.05%	0.824%
12	9.718	1190	1196	1202	rVB2	31337	48702	2.74%	0.320%
13	9.917	1224	1230	1237	rBV	129390	202562	11.40%	1.332%
14	10.288	1287	1293	1300	rBV	192026	309810	17.44%	2.037%
15	10.434	1312	1318	1324	rBV	97642	155068	8.73%	1.020%
16	11.310	1459	1467	1478	rBV	104470	181604	10.22%	1.194%
17	12.303	1631	1636	1640	rBV2	18108	28658	1.61%	0.188%
18	12.350	1640	1644	1649	rVV	11219	18940	1.07%	0.125%
19	12.503	1664	1670	1677	rBV	49156	82307	4.63%	0.541%
20	12.732	1703	1709	1714	rBV	72297	103758	5.84%	0.682%
21	13.002	1750	1755	1760	rBV	10173	14294	0.80%	0.094%
22	13.225	1788	1793	1800	rBV3	8945	13149	0.74%	0.086%
23	13.366	1813	1817	1825	rBV2	9471	14492	0.82%	0.095%
24	13.595	1851	1856	1860	rVV	249464	333821	18.79%	2.195%
25	13.643	1860	1864	1871	rVB	106134	143121	8.06%	0.941%
26	13.866	1895	1902	1912	rVB	216963	320493	18.04%	2.107%
27	14.177	1949	1955	1963	rVV3	326672	523961	29.50%	3.445%
28	14.400	1987	1993	2001	rBV	74186	106013	5.97%	0.697%
29	15.182	2119	2126	2132	rBV	258161	372044	20.94%	2.446%
30	15.311	2143	2148	2154	rVV	58789	82907	4.67%	0.545%
31	15.922	2248	2252	2254	rBV3	10426	12826	0.72%	0.084%
32	16.592	2361	2366	2370	rVB	14763	18156	1.02%	0.119%
33	16.939	2418	2425	2429	rBV	415804	597941	33.66%	3.932%
34	16.980	2429	2432	2436	rVV	63985	80049	4.51%	0.526%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

35	17.033	2436	2441	2453	rVB2	301282	450012	25.33%	2.959%
36	17.344	2486	2494	2497	rBV3	9952	15105	0.85%	0.099%
37	17.550	2522	2529	2532	rVB4	11264	18108	1.02%	0.119%
38	17.814	2568	2574	2577	rBV	9783	14966	0.84%	0.098%
39	17.861	2577	2582	2589	rBV3	35709	51457	2.90%	0.338%
40	17.926	2589	2593	2600	rVB2	16952	27470	1.55%	0.181%
41	18.020	2600	2609	2613	rBV3	56865	92423	5.20%	0.608%
42	18.078	2616	2619	2622	rVB	22936	25523	1.44%	0.168%
43	18.125	2622	2627	2634	rBV2	96094	132881	7.48%	0.874%
44	18.302	2651	2657	2659	rBV4	21050	34498	1.94%	0.227%
45	18.349	2659	2665	2676	rVV	1118000	1568260	88.28%	10.312%
46	18.731	2725	2730	2731	rBV2	24096	30817	1.73%	0.203%
47	18.766	2731	2736	2747	rVV	1310727	1776365	100.00%	11.680%
48	18.848	2747	2750	2752	rVV	30579	41142	2.32%	0.271%
49	18.878	2752	2755	2766	rVB3	71580	115310	6.49%	0.758%
50	18.966	2766	2770	2773	rBV4	10405	13281	0.75%	0.087%
51	19.007	2773	2777	2785	rVB	157928	208372	11.73%	1.370%
52	19.083	2785	2790	2798	rBV8	18591	38053	2.14%	0.250%
53	19.165	2798	2804	2811	rBV4	152364	230684	12.99%	1.517%
54	19.224	2811	2814	2818	rBV	36132	44570	2.51%	0.293%
55	19.295	2824	2826	2828	rBV	13189	15043	0.85%	0.099%
56	19.342	2829	2834	2838	rVV	310300	482105	27.14%	3.170%
57	19.371	2838	2839	2845	rVB	132962	126389	7.12%	0.831%
58	19.424	2845	2848	2854	rVB3	21456	27846	1.57%	0.183%
59	19.489	2854	2859	2865	rBV2	72447	128548	7.24%	0.845%
60	19.553	2865	2870	2874	rVB4	21983	29442	1.66%	0.194%
61	19.612	2874	2880	2886	rVB2	100293	139530	7.85%	0.917%
62	19.706	2890	2896	2900	rBV5	33342	59892	3.37%	0.394%
63	19.788	2906	2910	2914	rVB2	23313	31102	1.75%	0.205%
64	19.835	2914	2918	2920	rBV4	12652	19925	1.12%	0.131%
65	19.876	2920	2925	2929	rVB4	75510	105597	5.94%	0.694%
66	19.923	2929	2933	2939	rBV	69722	90488	5.09%	0.595%
67	19.976	2939	2942	2944	rBV2	16782	19705	1.11%	0.130%
68	20.035	2948	2952	2956	rVB6	11100	15802	0.89%	0.104%
69	20.094	2956	2962	2967	rVB3	67276	91301	5.14%	0.600%
70	20.158	2969	2973	2978	rBV2	55741	73371	4.13%	0.482%
71	20.205	2978	2981	2984	rBV3	26636	37549	2.11%	0.247%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Title : SVOA CALIBRATION

72	20.317	2993	3000	3003	rBV8	10932	20652	1.16%	0.136%
73	20.470	3019	3026	3034	rBV2	60303	104442	5.88%	0.687%
74	20.587	3043	3046	3049	rBV5	9943	14365	0.81%	0.094%
75	20.623	3049	3052	3058	rVB	24856	33551	1.89%	0.221%
76	20.717	3065	3068	3071	rBV3	15229	17208	0.97%	0.113%
77	20.781	3075	3079	3084	rBV2	25830	42695	2.40%	0.281%
78	20.828	3084	3087	3090	rBV2	13756	14729	0.83%	0.097%
79	20.881	3090	3096	3100	rBV5	28631	62431	3.51%	0.410%
80	21.028	3119	3121	3126	rBV6	11118	12827	0.72%	0.084%
81	21.075	3126	3129	3133	rBV	38566	47549	2.68%	0.313%
82	21.145	3134	3141	3144	rVV2	579520	848067	47.74%	5.576%
83	21.181	3144	3147	3154	rVB	101205	138687	7.81%	0.912%
84	21.298	3164	3167	3172	rVB5	12632	18770	1.06%	0.123%
85	21.410	3183	3186	3190	rVB3	16905	20019	1.13%	0.132%
86	21.451	3190	3193	3196	rBV5	10475	15536	0.87%	0.102%
87	21.604	3216	3219	3222	rBV5	9162	13846	0.78%	0.091%
88	21.668	3227	3230	3231	rBV3	14235	15138	0.85%	0.100%
89	21.798	3249	3252	3256	rBV5	12828	18930	1.07%	0.124%
90	21.880	3261	3266	3269	rBV	44371	63843	3.59%	0.420%
91	22.679	3395	3402	3414	rBV2	81256	245510	13.82%	1.614%
92	23.149	3477	3482	3484	rBV	38385	62827	3.54%	0.413%
93	23.196	3484	3490	3494	rVV	201739	359366	20.23%	2.363%
94	23.237	3494	3497	3505	rVB	70166	128416	7.23%	0.844%
95	23.337	3507	3514	3520	rBV	376099	703367	39.60%	4.625%
96	23.936	3612	3616	3633	rVB5	34139	85523	4.81%	0.562%
97	24.506	3708	3713	3722	rBV6	25728	52999	2.98%	0.348%
98	25.476	3872	3878	3880	rBV7	10308	19829	1.12%	0.130%
99	25.540	3885	3889	3902	rVB3	32337	90953	5.12%	0.598%
100	26.222	3999	4005	4015	rVB4	21080	57099	3.21%	0.375%

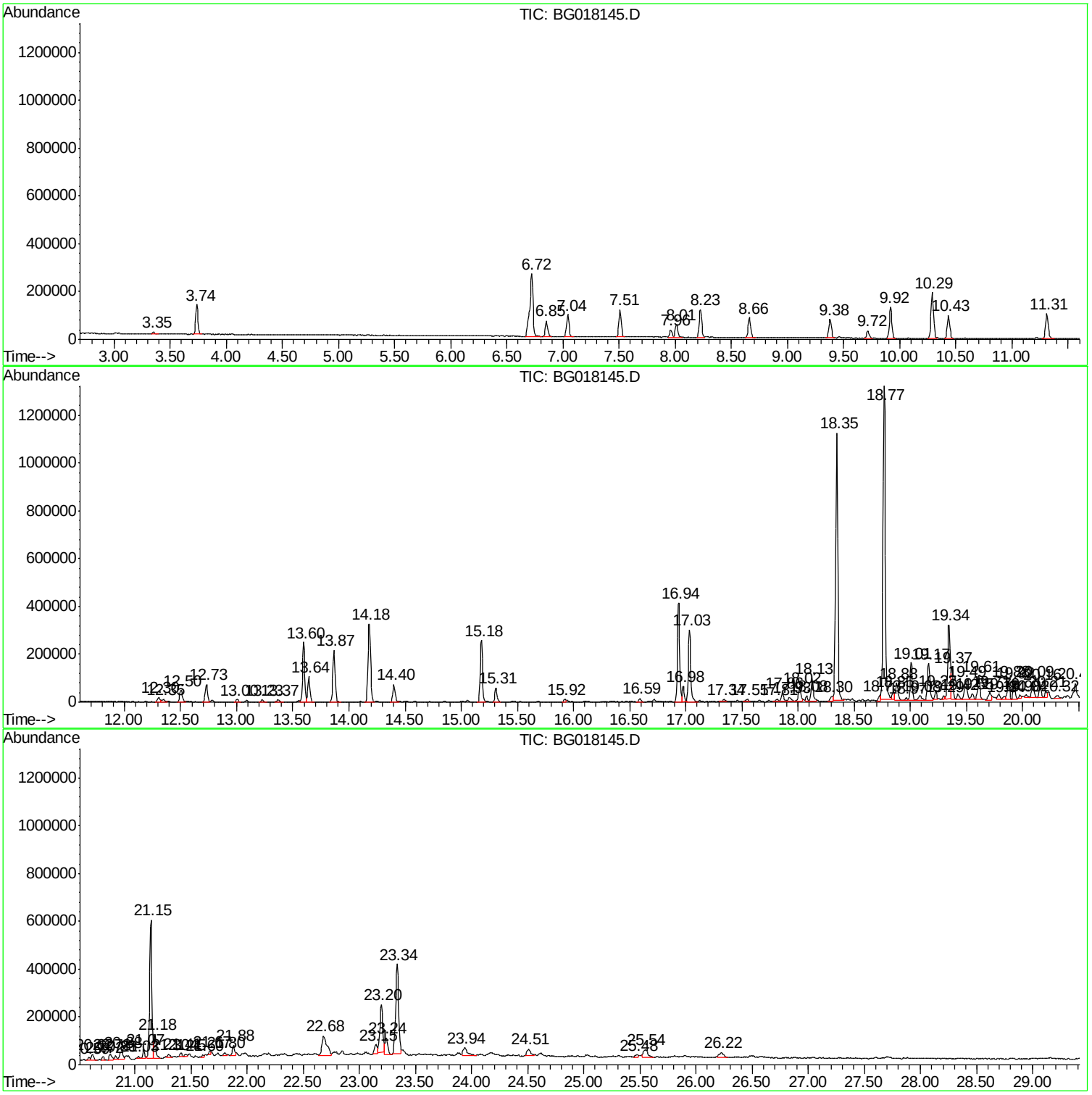
Sum of corrected areas: 15208624

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

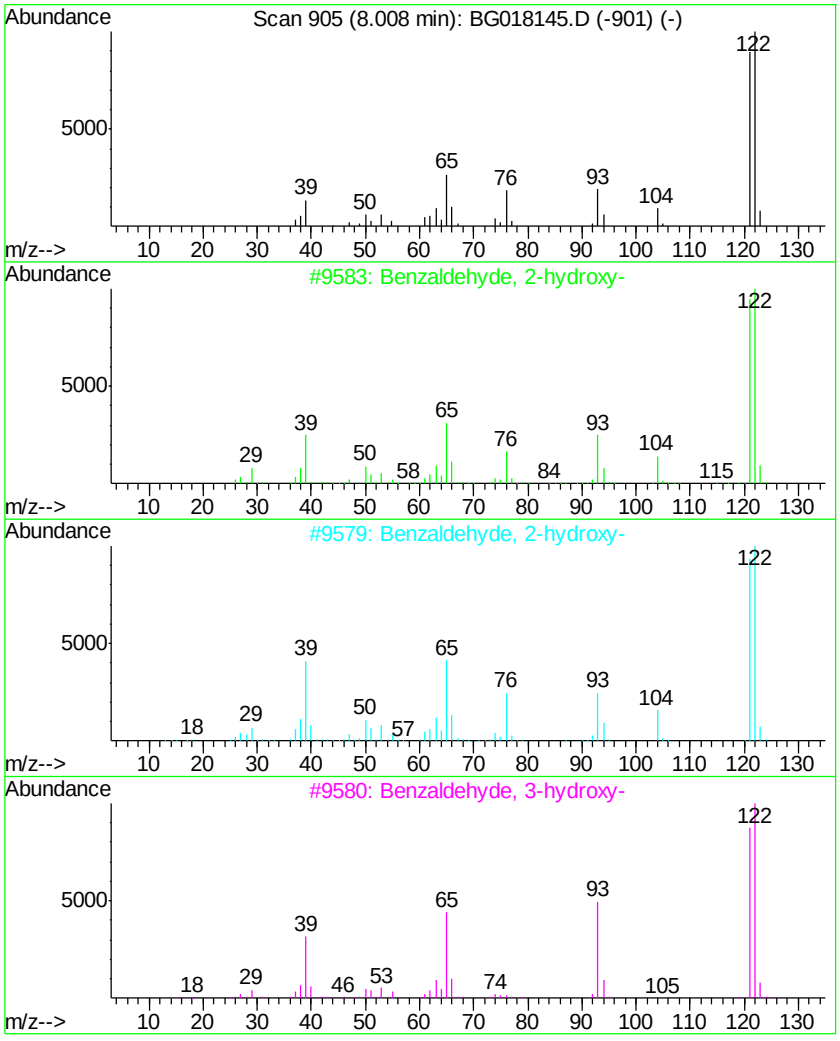
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

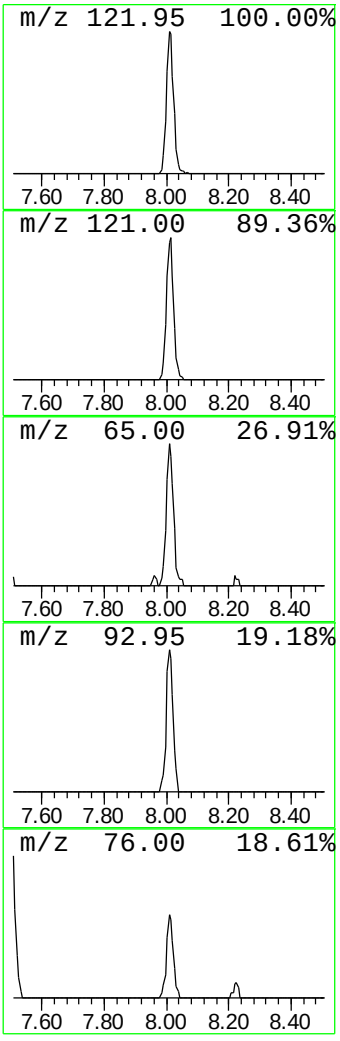
****

Peak Number 2 Benzaldehyde, 2-hydroxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	9.94 ng/ul	86218	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	96
2	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	94
3	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	86
4	Propanoic acid, 3-chloro-, 4-for...	212	C10H9ClO3	1000142-41-5	72
5	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

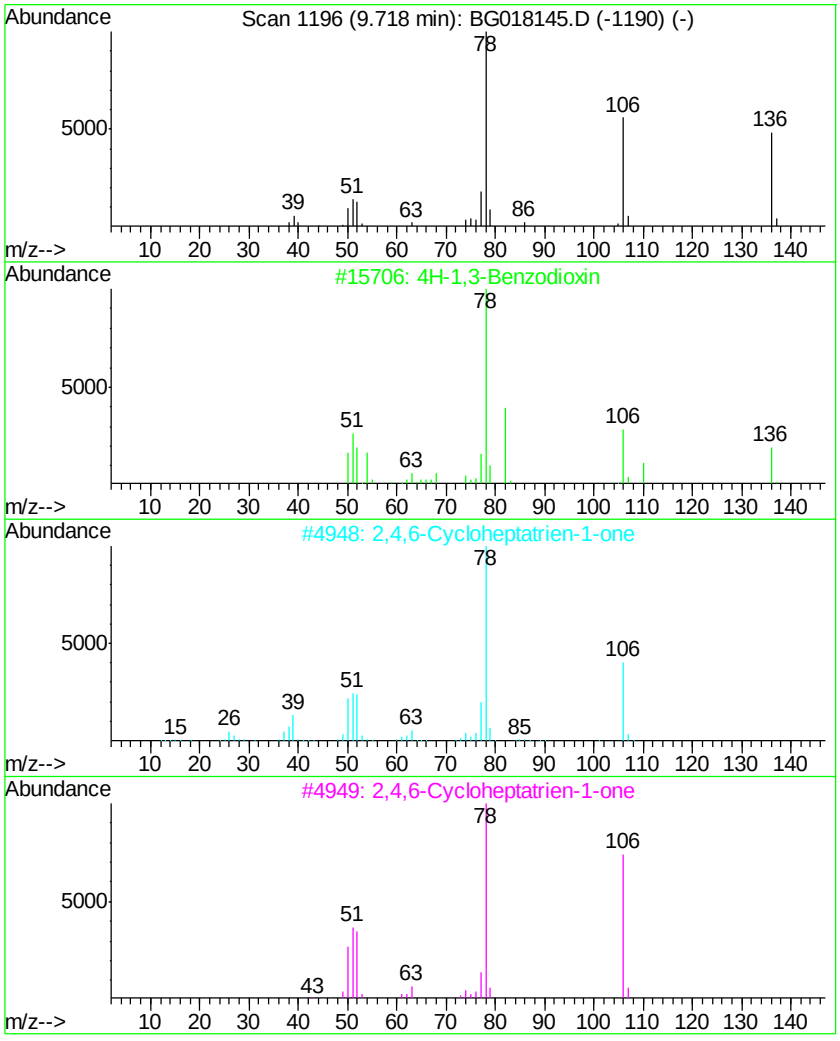
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

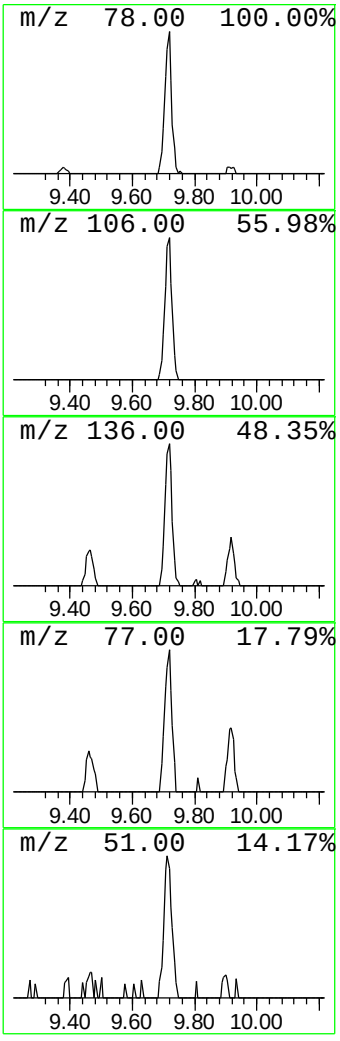
****

Peak Number 3 4H-1,3-Benzodioxin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.14 ng/ul	48702	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	91
2	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	87
3	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	86
4	Benzene	78	C6H6	000071-43-2	81
5	2-Coumaranone	134	C8H6O2	000553-86-6	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

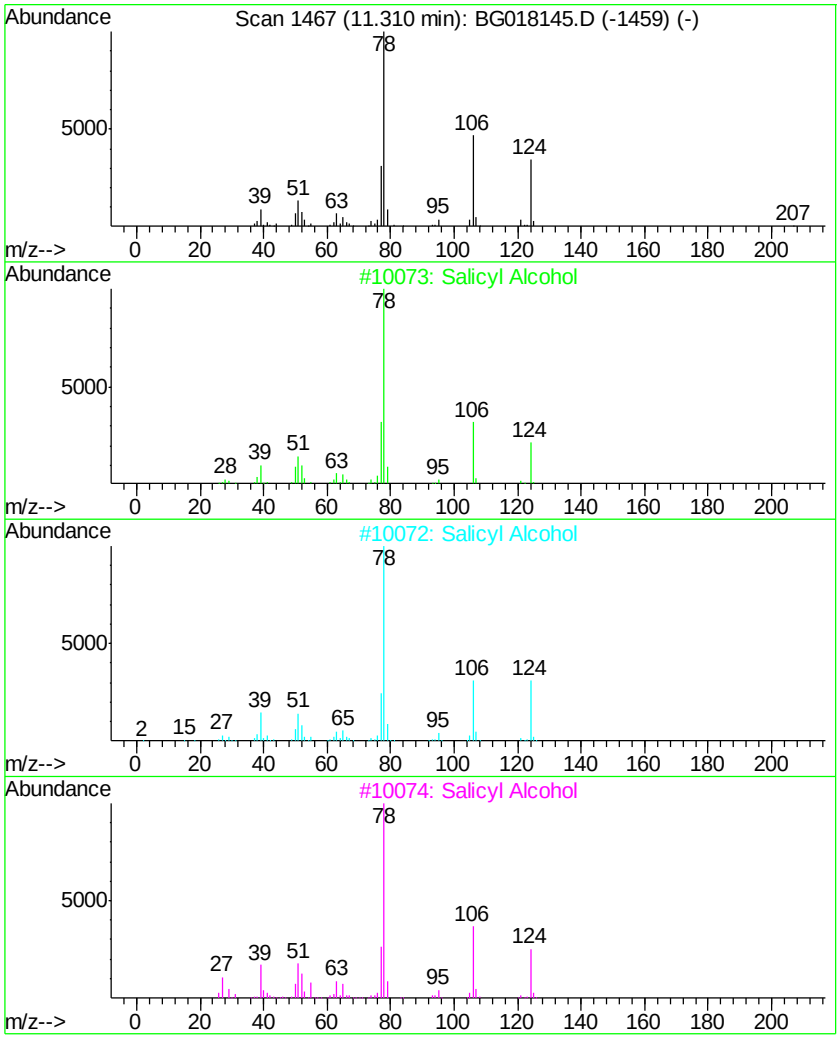
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

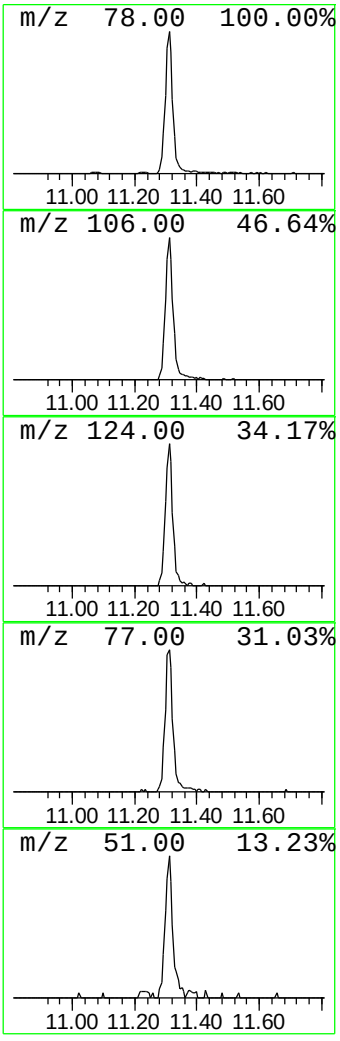
****

Peak Number 4 Salicyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	11.72 ng/ul	181604	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Salicyl Alcohol	124	C7H8O2	000090-01-7	95
2	Salicyl Alcohol	124	C7H8O2	000090-01-7	94
3	Salicyl Alcohol	124	C7H8O2	000090-01-7	91
4	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	87
5	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	78





Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

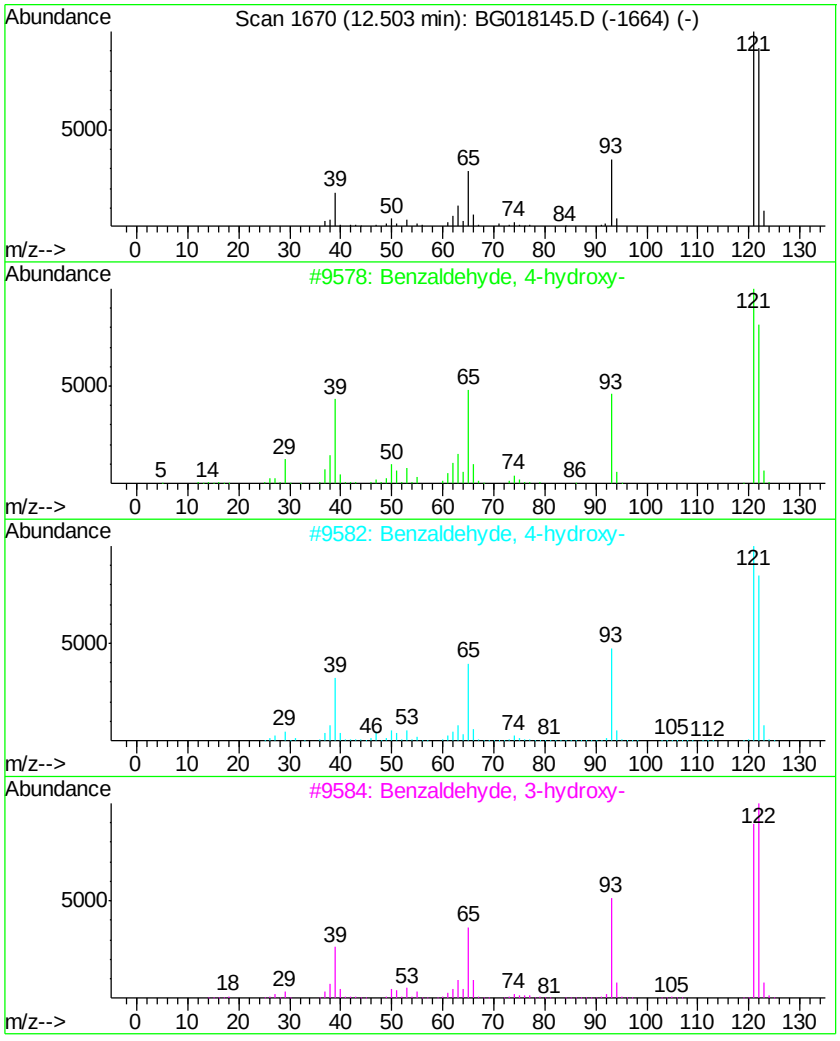
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

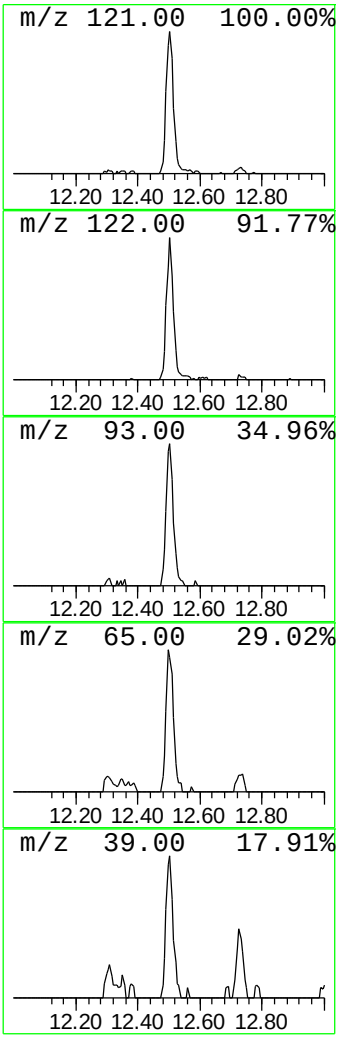
****

Peak Number 5 Benzaldehyde, 4-hydroxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.14 ng/ul	82307	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	95
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	94
3	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	92
4	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	91
5	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

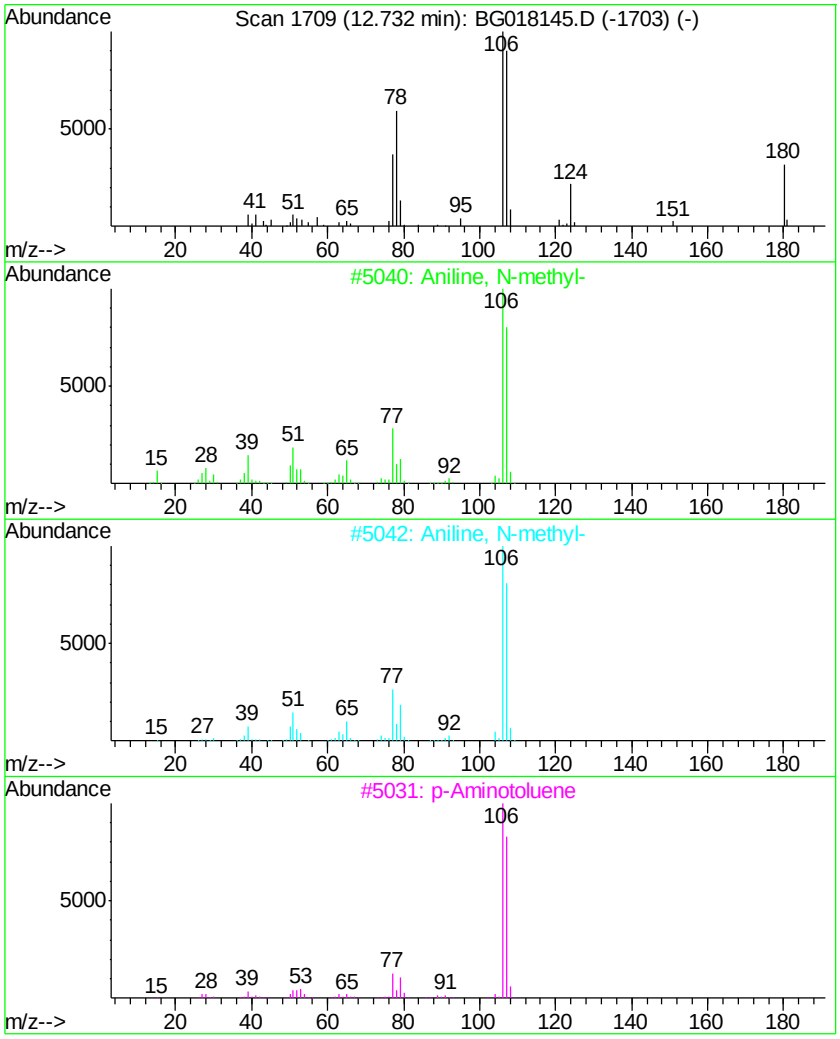
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

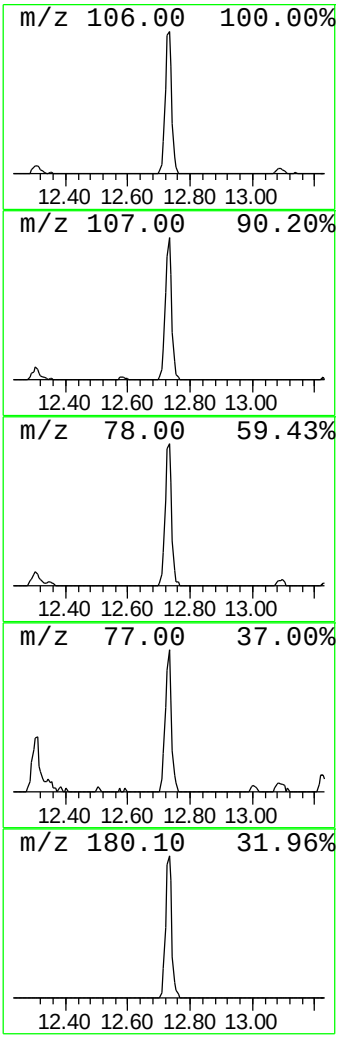
****

Peak Number 6 Aniline, N-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.96 ng/ul	103758	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline, N-methyl-	107	C7H9N	000100-61-8	58
2	Aniline, N-methyl-	107	C7H9N	000100-61-8	53
3	p-Aminotoluene	107	C7H9N	000106-49-0	52
4	o-Toluidine	107	C7H9N	000095-53-4	50
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	50





Data Path : Z:\HPCHEM1\BNA G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

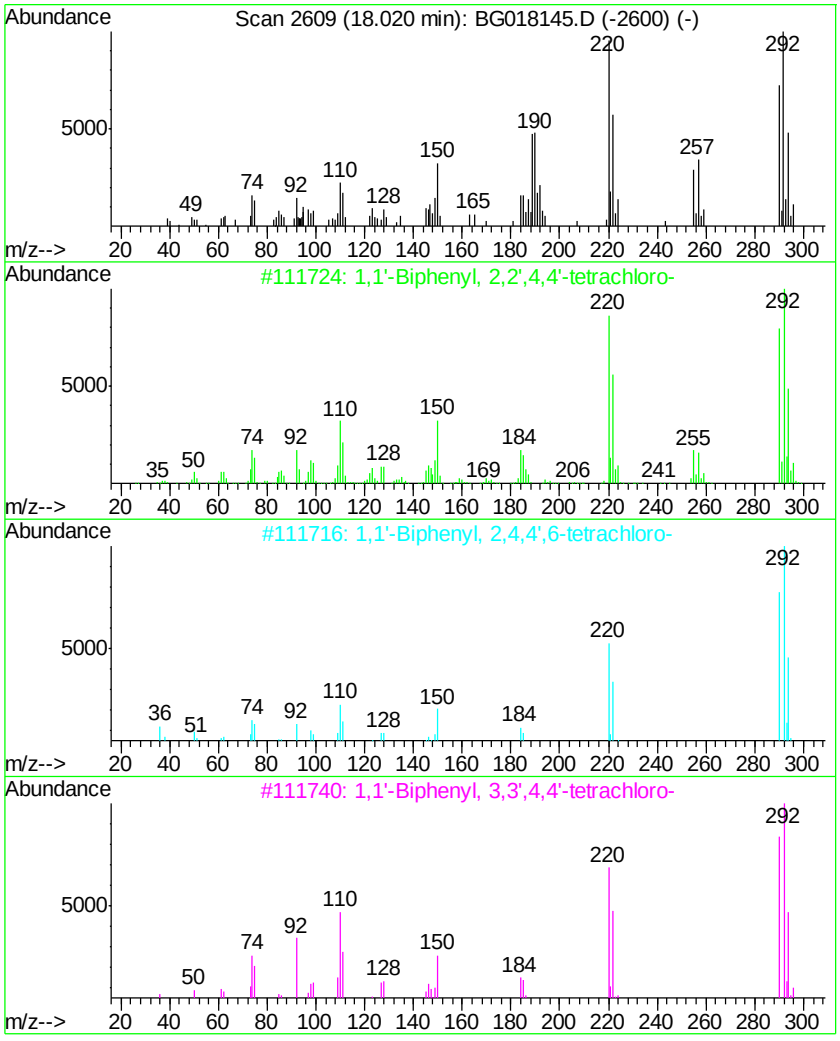
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

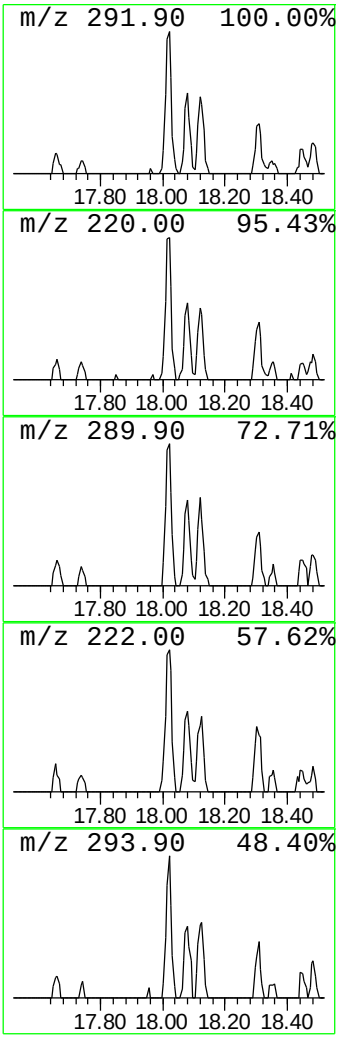
****

Peak Number 7 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.09 ng/ul	92423	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

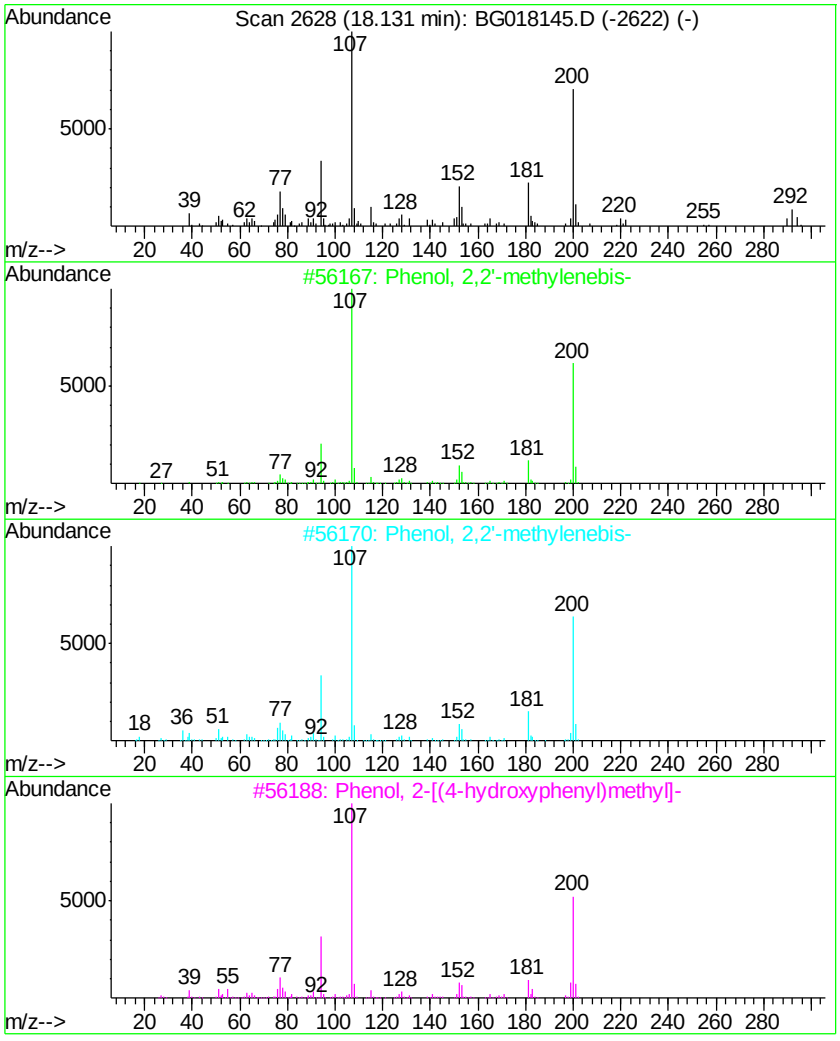
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

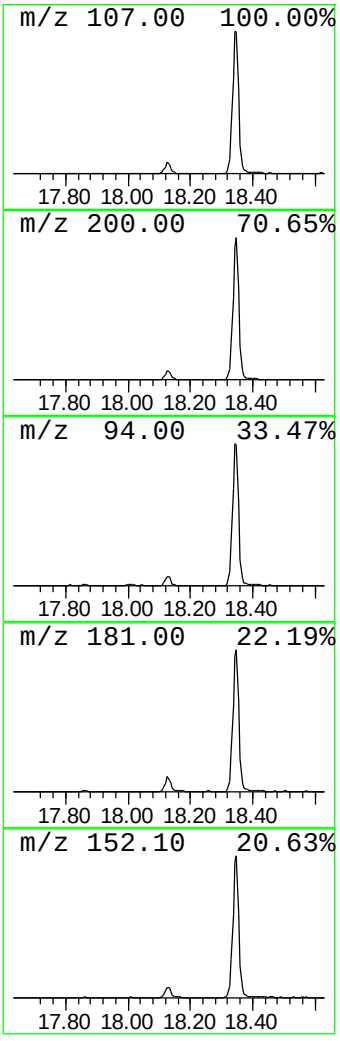
****

Peak Number 8 Phenol, 2,2'-methylenebis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	4.44 ng/ul	132881	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	96
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	93
3	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	76
4	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	68
5	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	64





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Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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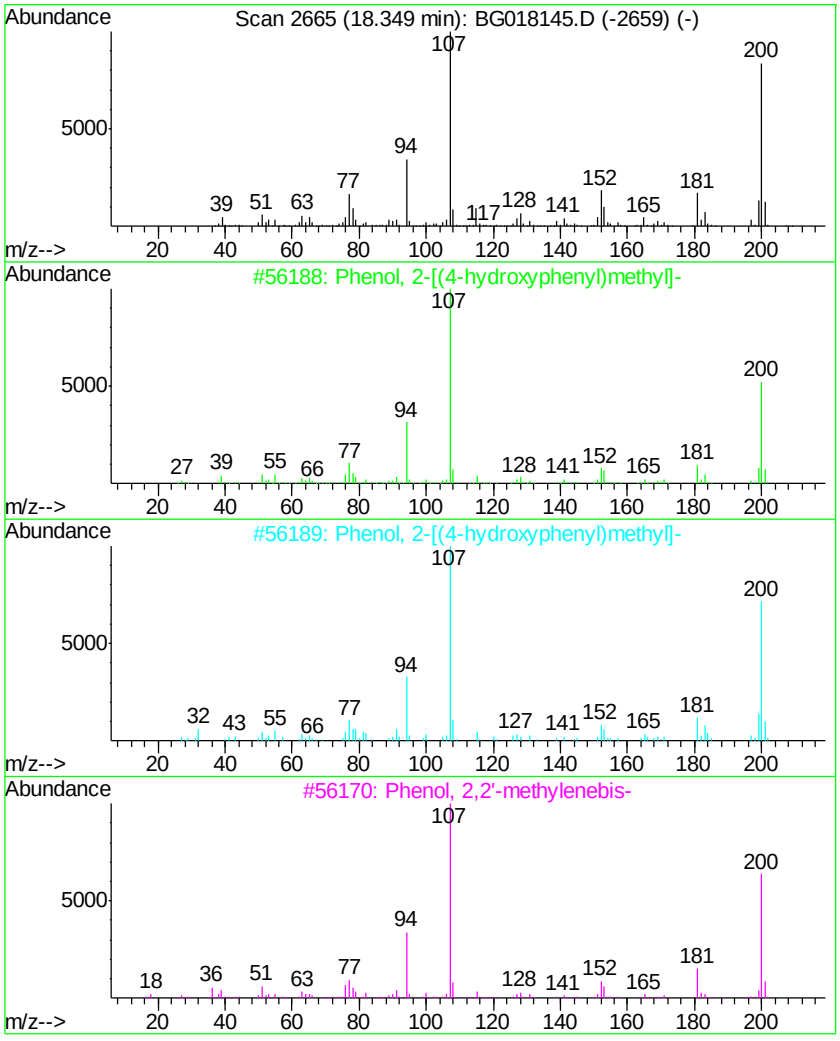
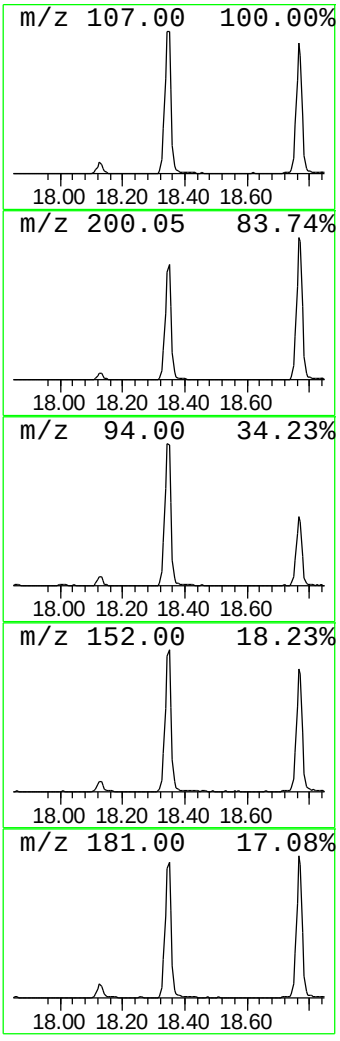
Peak Number 9 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	52.46 ng/ul	1568260	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	97
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	95
3	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	91
4	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	78
5	Benzene, 1,1'-[methylenebis(oxy)...	200	C13H12O2	004442-41-5	53





Library Search Compound Report

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Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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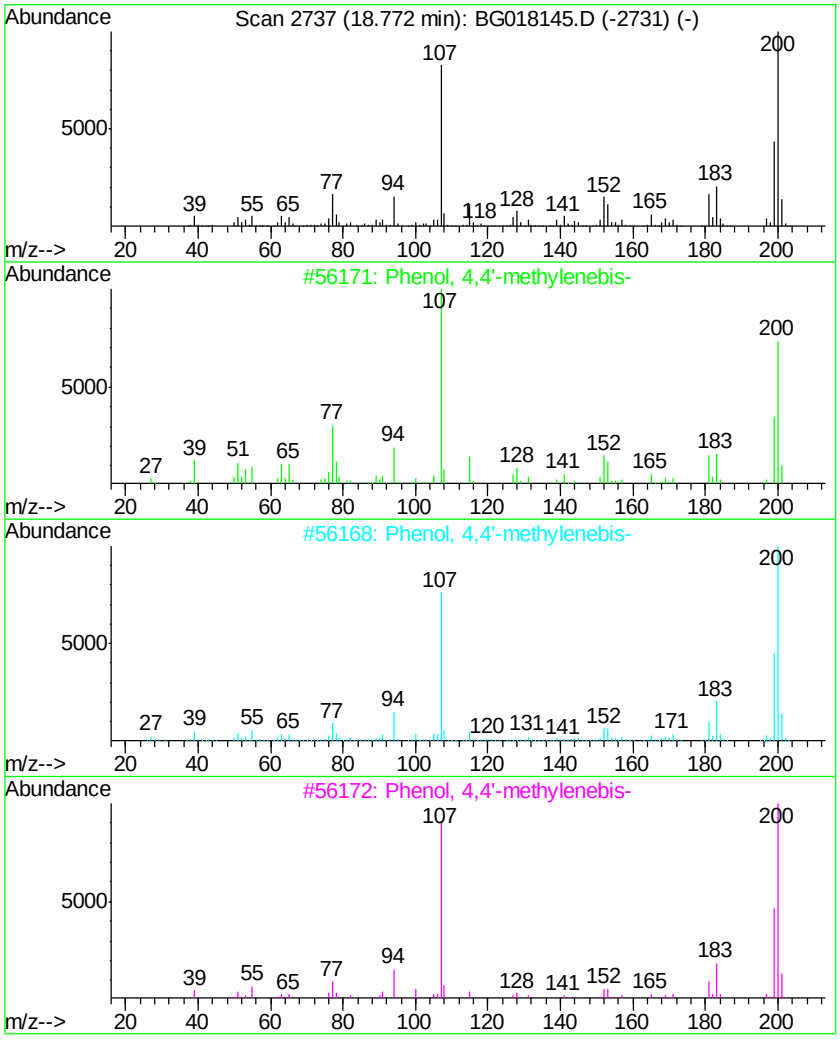
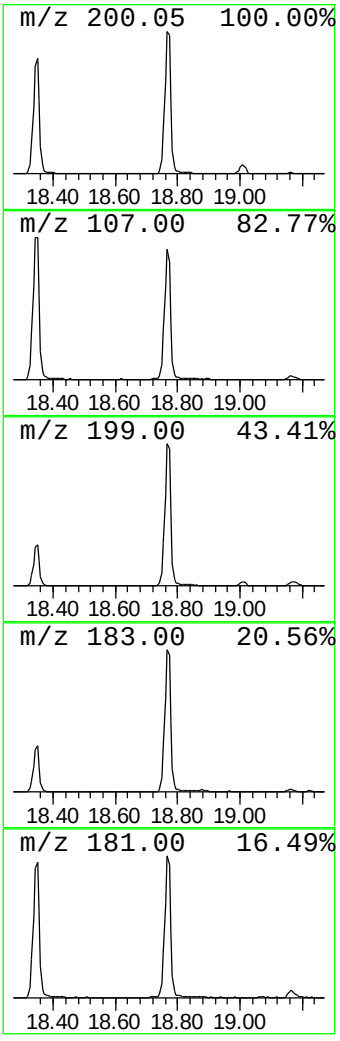
Peak Number 10 Phenol, 4,4'-methylenebis- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	59.42 ng/ul	1776370	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	98
2	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	96
3	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	95
4	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	89
5	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	83





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Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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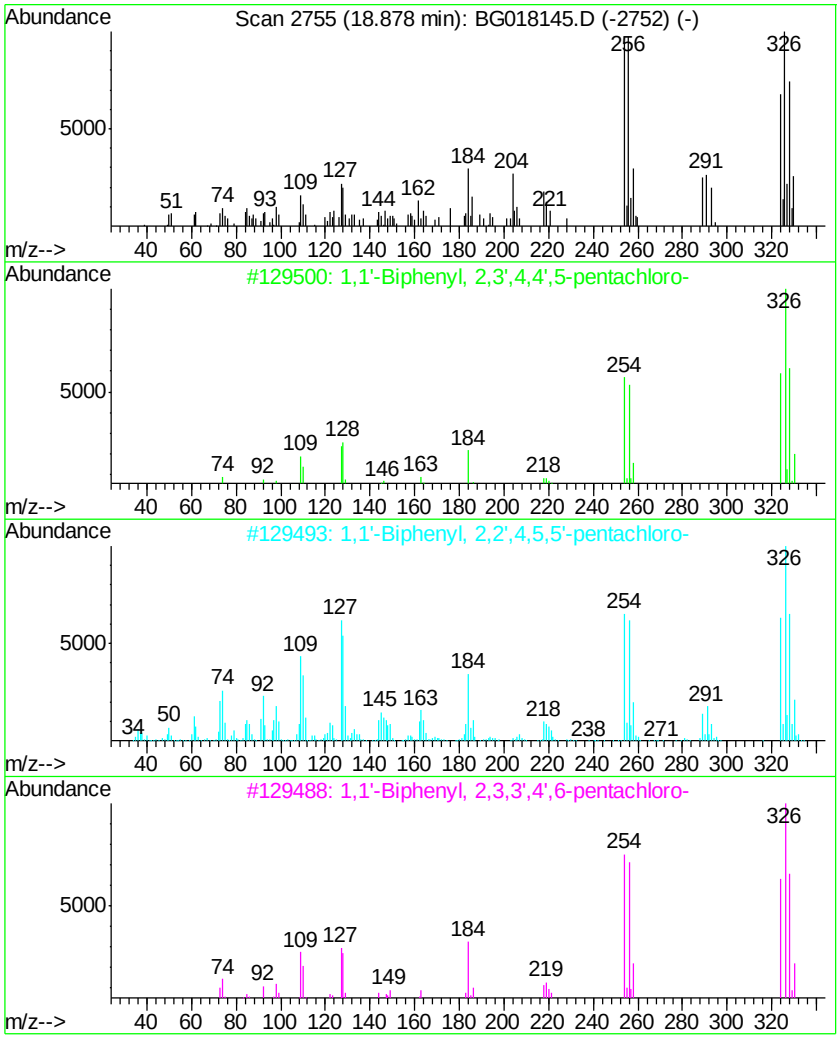
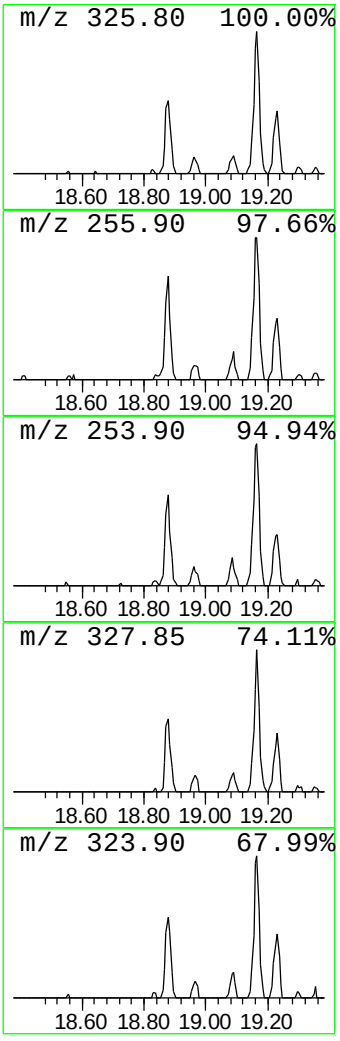
Peak Number 11 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.86 ng/ul	115310	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95





Library Search Compound Report

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Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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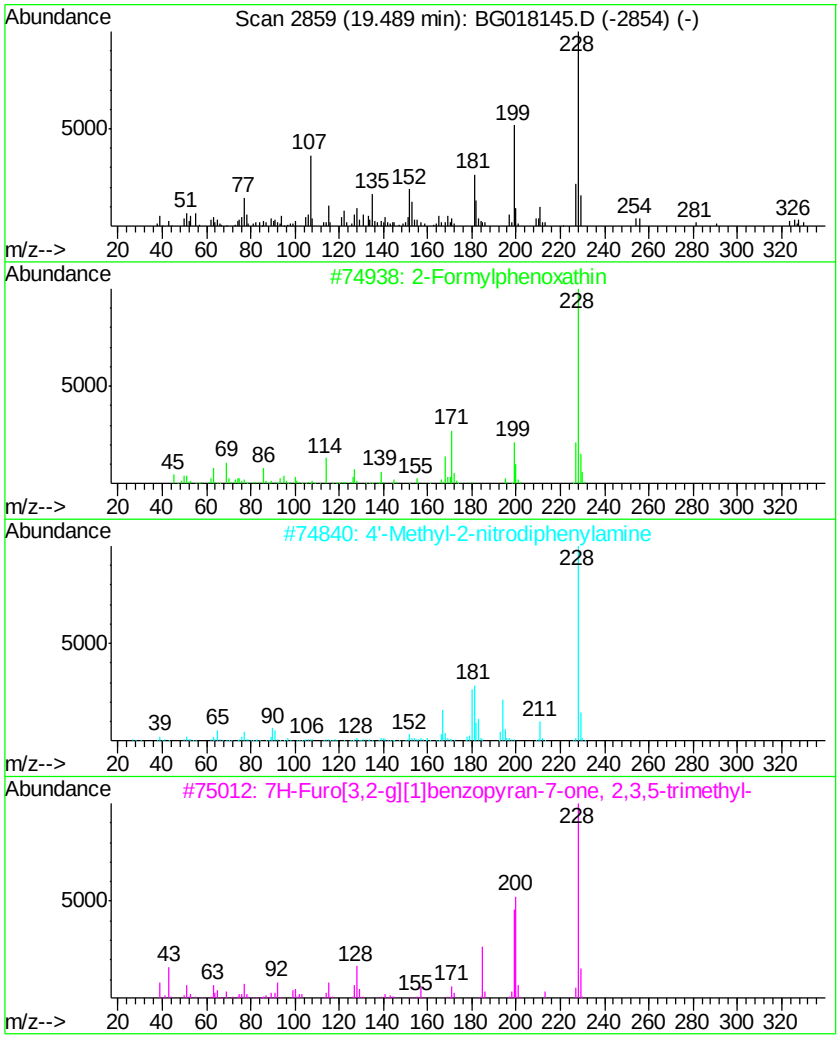
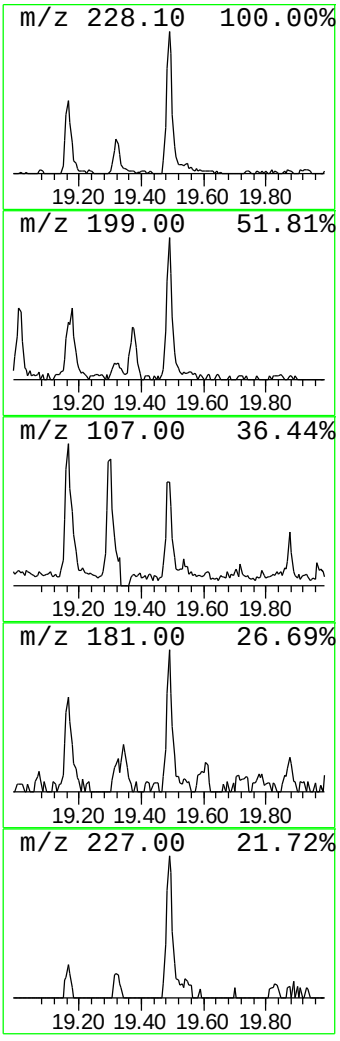
Peak Number 13 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	3.03 ng/ul	128548	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Formylphenoxathin	228	C13H8O2S	037947-92-5	49
2	4'-Methyl-2-nitrodiphenylamine	228	C13H12N2O2	052753-44-3	46
3	7H-Furo[3,2-g][1]benzopyran-7-on...	228	C14H12O3	013008-11-2	43
4	2-Phenyl-1,3,2-oxathiarsolane	228	C8H9AsOS	024648-97-3	43
5	1-Naphthalenamine, 4-isothiocyan...	228	C13H12N2S	029711-79-3	38





Library Search Compound Report

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Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

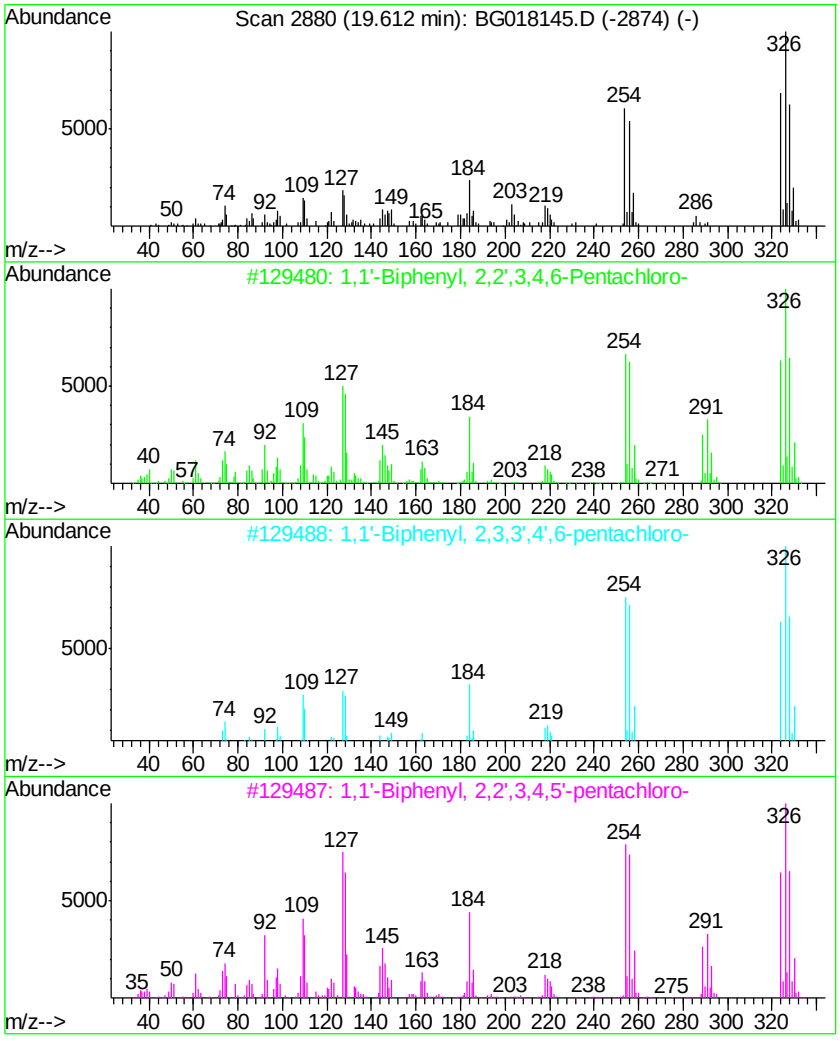
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

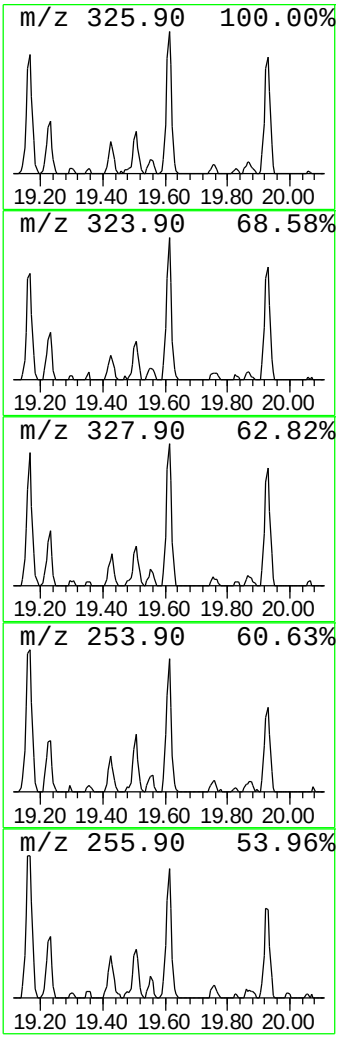
****

Peak Number 14 1,1'-Biphenyl, 2,2',3,4,6-P... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	3.29 ng/ul	139530	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99





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Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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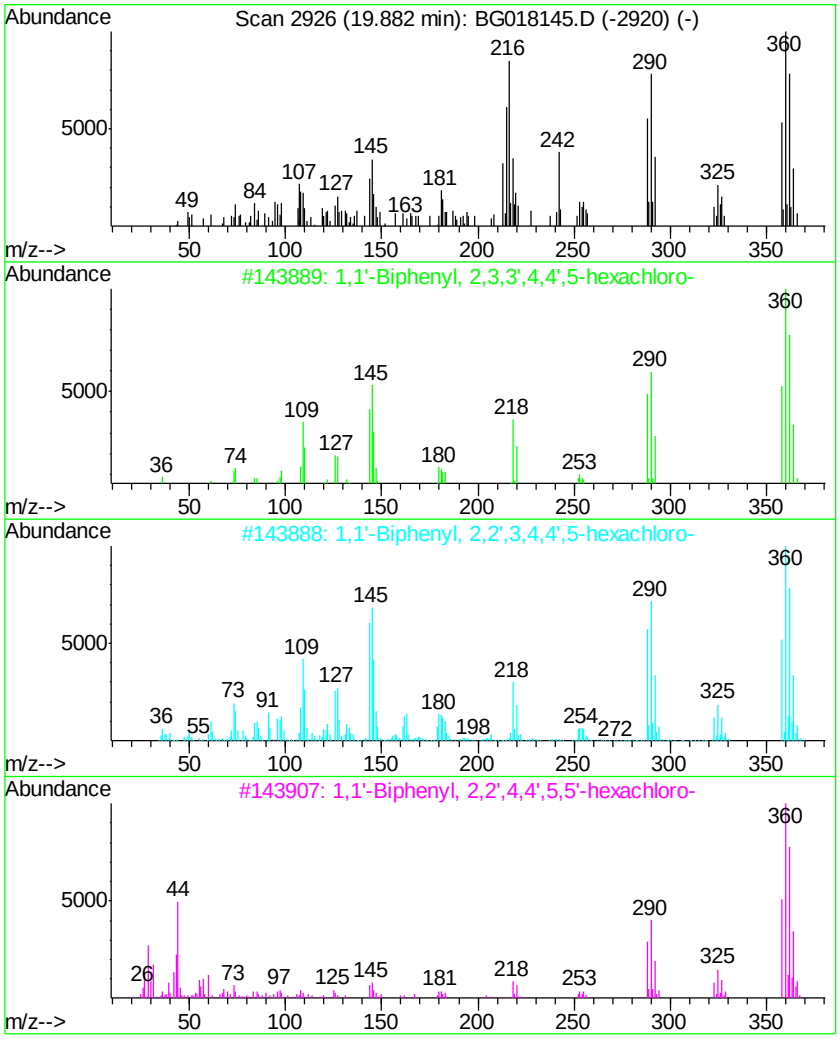
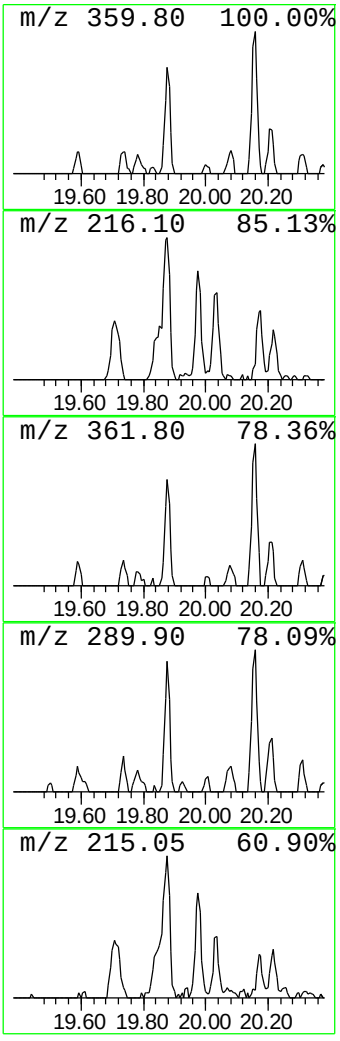
Peak Number 15 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.49 ng/ul	105597	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	97
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	96
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96
4	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	95
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	92





Library Search Compound Report

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Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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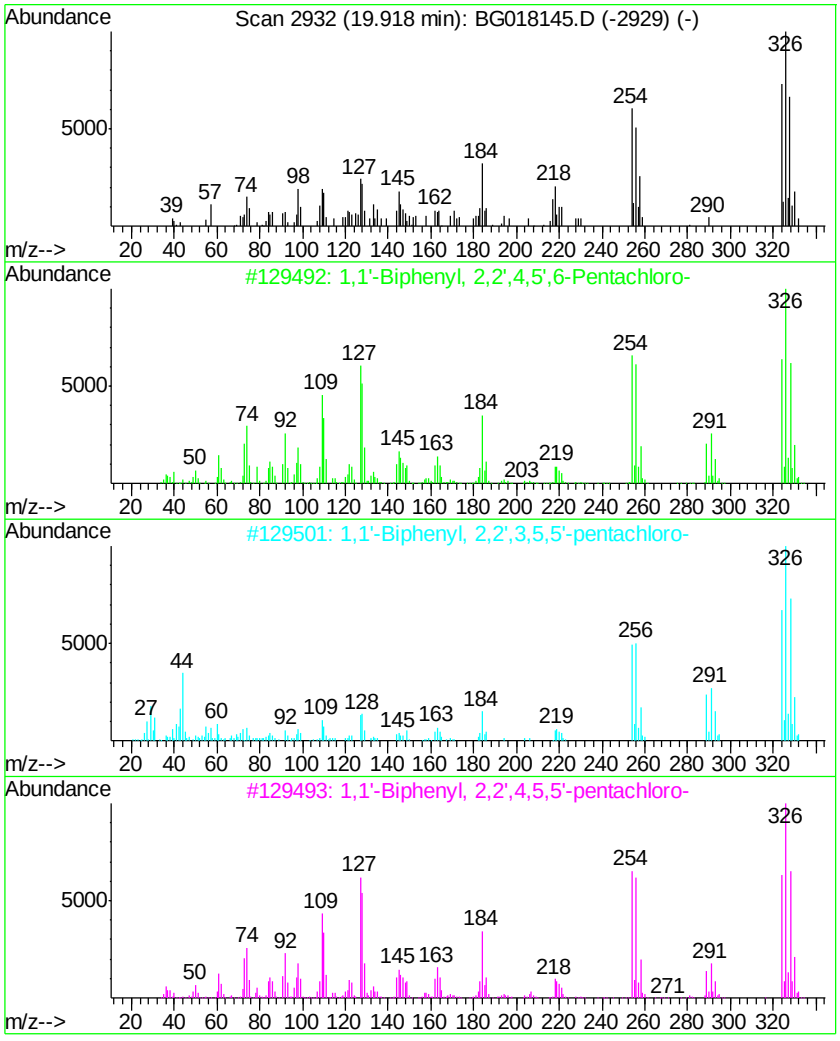
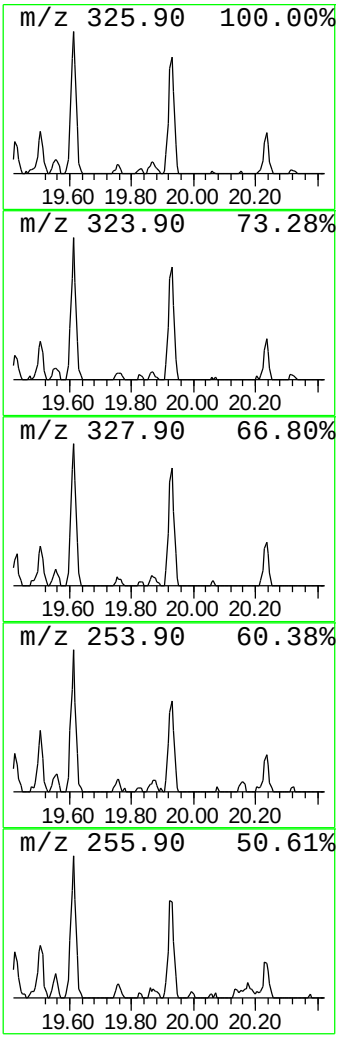
Peak Number 16 1,1'-Biphenyl, 2,2',4,5',6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.13 ng/ul	90488	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98





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Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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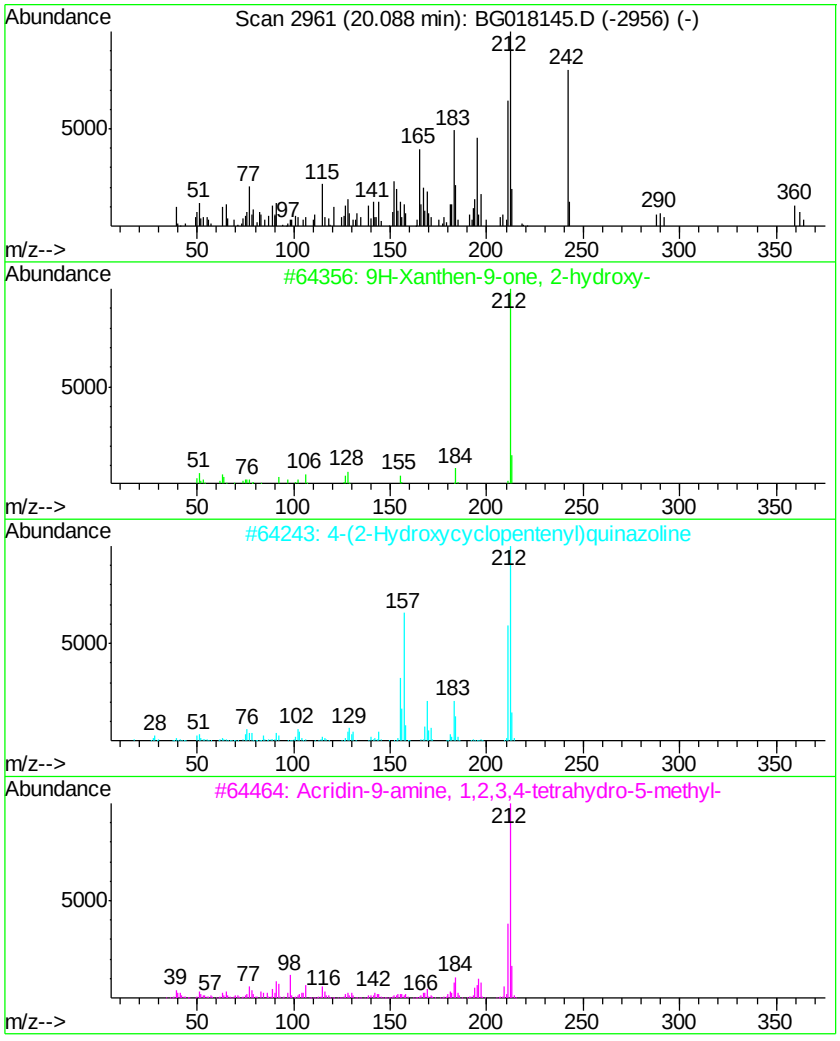
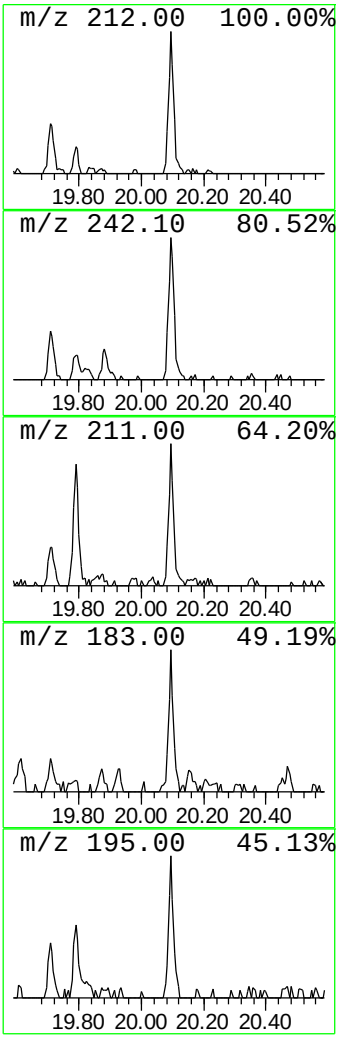
Peak Number 17 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.15 ng/ul	91301	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthen-9-one, 2-hydroxy-	212	C13H8O3	001915-98-6	44
2	4-(2-Hydroxycyclopentenyl)quinaz...	212	C13H12N2O	1000241-53-1	38
3	Acridin-9-amine, 1,2,3,4-tetrahy...	212	C14H16N2	005778-78-9	35
4	Benzoic acid, 3,4,5-trimethoxy-	212	C10H12O5	000118-41-2	25
5	Benzoic acid, 2-(4-methylphenoxy...	242	C15H14O3	021905-72-6	25





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Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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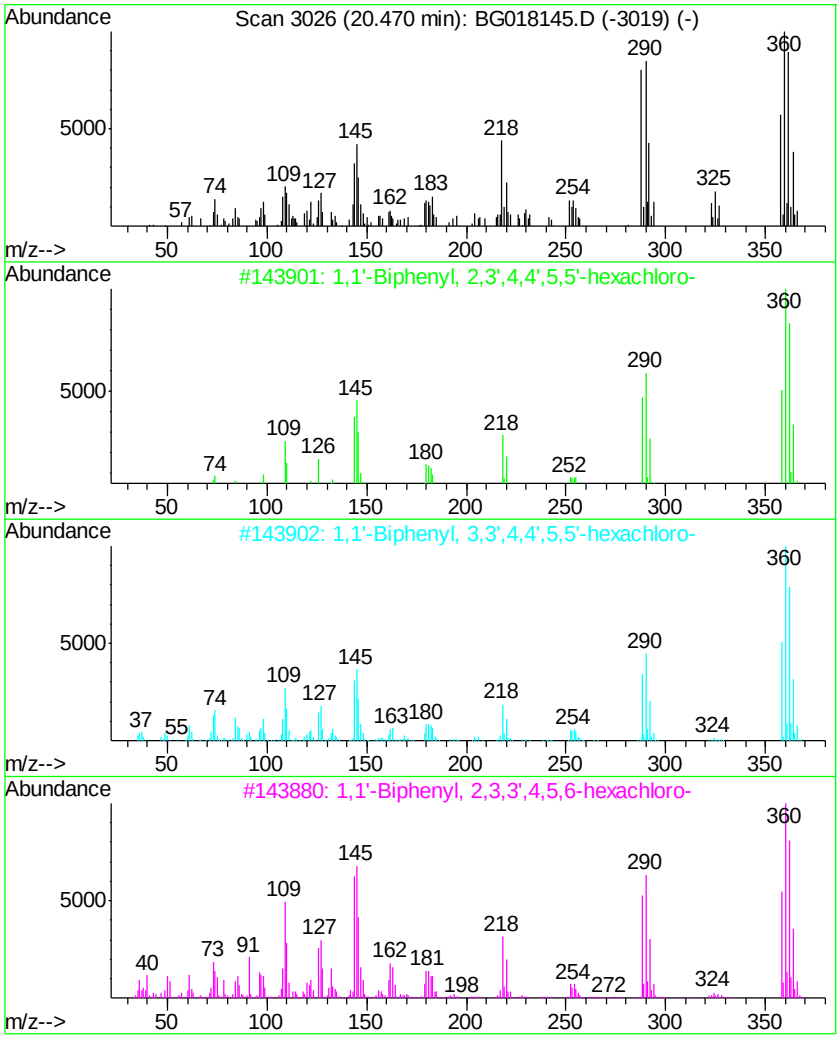
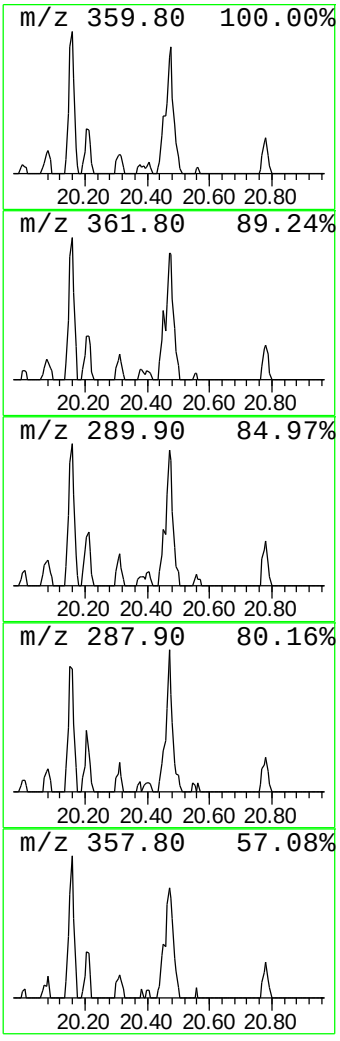
Peak Number 18 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	2.46 ng/ul	104442	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99





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Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

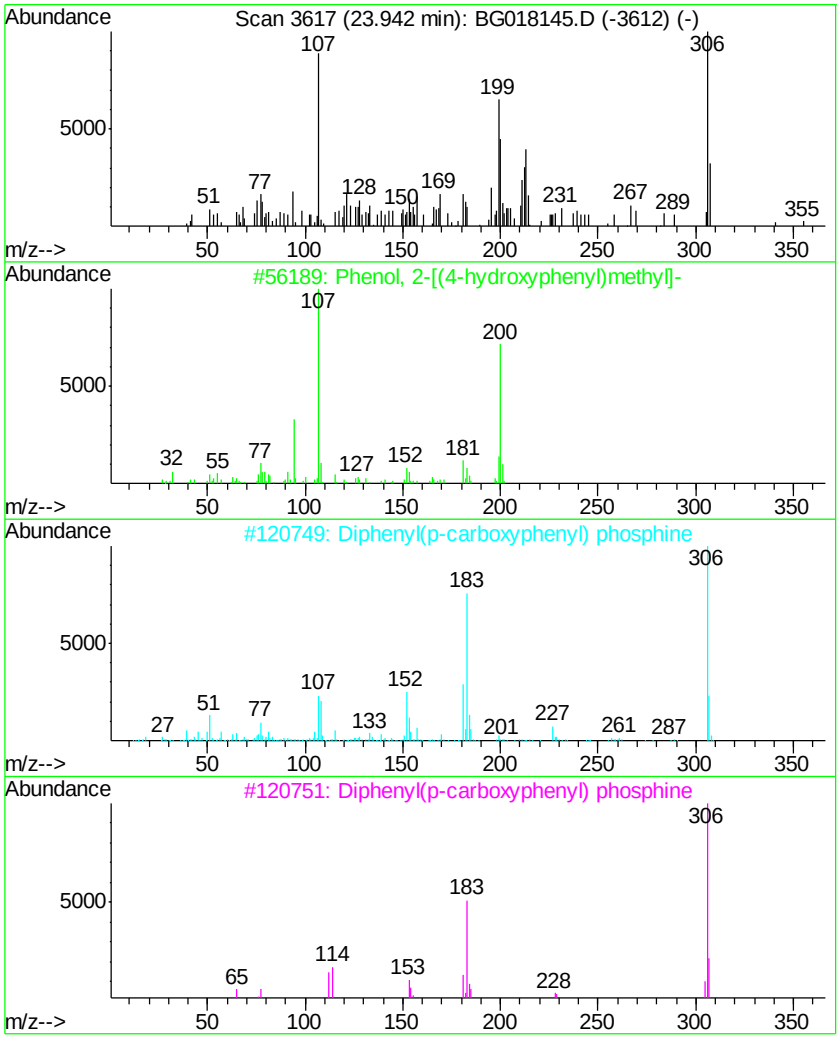
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

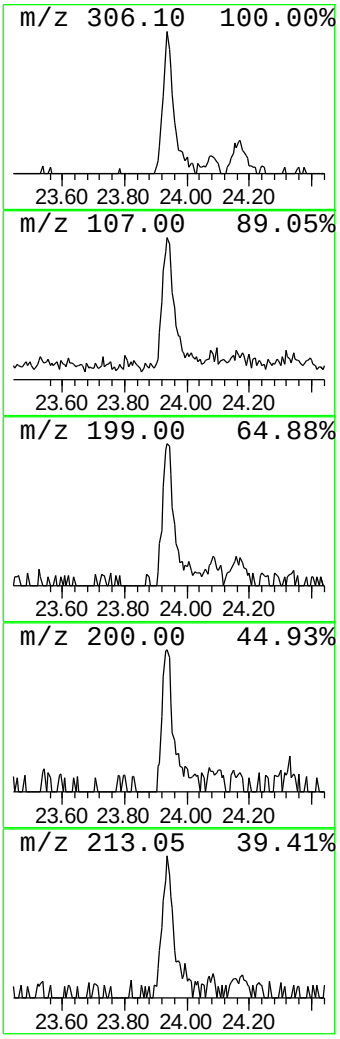
****

Peak Number 19 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.43 ng/ul	85523	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	25
2	Diphenyl(p-carboxyphenyl) phosphine	306	C19H15O2P	002129-31-9	18
3	Diphenyl(p-carboxyphenyl) phosphine	306	C19H15O2P	002129-31-9	15
4	d-Tyrosine	181	C9H11NO3	000556-02-5	15
5	Imidazole, 1,2,4-triethyl-5-phenyl-	228	C15H20N2	1000129-13-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02J9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzaldehyde, 2-h...	8.01	9.9	ng/ul	86218	1	7.51	173438	20.0
4H-1,3-Benzodioxin	9.72	3.1	ng/ul	48702	2	10.29	309810	20.0
Salicyl Alcohol	11.31	11.7	ng/ul	181604	2	10.29	309810	20.0
Benzaldehyde, 4-h...	12.50	3.1	ng/ul	82307	3	14.18	523961	20.0
Aniline, N-methyl-	12.73	4.0	ng/ul	103758	3	14.18	523961	20.0
1,1'-Biphenyl, 2,...	18.02	3.1	ng/ul	92423	4	16.93	597941	20.0
Phenol, 2,2'-meth...	18.13	4.4	ng/ul	132881	4	16.93	597941	20.0
Phenol, 2-[(4-hyd...	18.35	52.5	ng/ul	1568260	4	16.93	597941	20.0
Phenol, 4,4'-meth...	18.77	59.4	ng/ul	1776370	4	16.93	597941	20.0
1,1'-Biphenyl, 2,...	18.88	3.9	ng/ul	115310	4	16.93	597941	20.0
unknown-01	19.49	3.0	ng/ul	128548	5	21.15	848067	20.0
1,1'-Biphenyl, 2,...	19.61	3.3	ng/ul	139530	5	21.15	848067	20.0
1,1'-Biphenyl, 2,...	19.88	2.5	ng/ul	105597	5	21.15	848067	20.0
1,1'-Biphenyl, 2,...	19.92	2.1	ng/ul	90488	5	21.15	848067	20.0
unknown-02	20.09	2.1	ng/ul	91301	5	21.15	848067	20.0
1,1'-Biphenyl, 2,...	20.47	2.5	ng/ul	104442	5	21.15	848067	20.0
unknown-03	23.94	2.4	ng/ul	85523	6	23.34	703367	20.0