LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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-BG0100716.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	3.132	44	50	74	rVB	1779218	3170303	23.72%	3.263%
2	3.614	123	132	157	rBV	7528437	13364511	100.00%	13.754%
3	4.413	260	268	273	rBV4	45803	91029	0.68%	0.094%
4	4.518	281	286	295	rVB5	43807	86428	0.65%	0.089%
5	4.953	352	360	373	rBV	1034357	1764000	13.20%	1.815%
6	5.764	493	498	504	rBV3	35894	60332	0.45%	0.062%
7	6.269	574	584	590	rBV3	54425	99369	0.74%	0.102%
8	7.415	773	779	786	rVB	178401	315646	2.36%	0.325%
9	7.486	786	791	802	rBV5	27405	51816	0.39%	0.053%
10	7.597	802	810	818	rVV	460738	773370	5.79%	0.796%
11	7.809	838	846	855	rVB2	506481	910947	6.82%	0.938%
12	7.920	857	865	872	rBV4	65434	113979	0.85%	0.117%
13	8.285	913	927	940	rBV	614774	1160247	8.68%	1.194%
14	8.402	940	947	954	rVB6	35893	85511	0.64%	0.088%
15	8.567	968	975	984	rBV6	20897	55044	0.41%	0.057%
16	8.972	1037	1044	1052	rVB	479880	860266	6.44%	0.885%
17	9.236	1080	1089	1092	rBV8	27090	52665	0.39%	0.054%
18	9.289	1092	1098	1106	rVB5	24622	50433	0.38%	0.052%
19	9.383	1106	1114	1120	rBV4	36259	75940	0.57%	0.078%
20	9.460	1120	1127	1143	rVV	654118	1242928	9.30%	1.279%
21	9.912	1197	1204	1210	rBV4	26091	59606	0.45%	0.061%
22	9.971	1210	1214	1219	rBV	48680	78996	0.59%	0.081%
23	10.182	1240	1250	1260	rBV2	591184	1101408	8.24%	1.134%
24	10.282	1260	1267	1274	rBV4	54269	113621	0.85%	0.117%
25	10.494	1297	1303	1310	rVV5	44023	93705	0.70%	0.096%
26	10.717	1333	1341	1351	rVV	882979	1587660	11.88%	1.634%
27	11.111	1400	1408	1423	rBV	925403	1849727	13.84%	1.904%
28	11.246	1423	1431	1437	rVV8	37257	88676	0.66%	0.091%
29	11.463	1454	1468	1475	rVB6	50379	144332	1.08%	0.149%
30	11.839	1527	1532	1539	rVB7	32255	58974	0.44%	0.061%
31	12.409	1622	1629	1638	rVV	102384	178806	1.34%	0.184%
32	13.731	1848	1854	1862	rBV5	45678	91608	0.69%	0.094%
33	14.295	1941	1950	1956	rBV	1812379	2763441	20.68%	2.844%
34	14.595	1994	2001	2012	rVB	1813013	3051797	22.84%	3.141%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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-BG0100716.M
Title : SVOA CALIBRATION

35	14.830	2031	2041	2044	rVV9	27067	56581	0.42%	0.058%
36	14.900	2044	2053	2062	rVB	1730681	2818936	21.09%	2.901%
37	14.989	2062	2068	2073	rBV7	24072	61409	0.46%	0.063%
38	15.059	2073	2080	2086	rVV2	227212	383656	2.87%	0.395%
39	15.265	2107	2115	2118	rBV10	25688	51138	0.38%	0.053%
40	15.359	2127	2131	2136	rVB7	27411	49433	0.37%	0.051%
41	15.541	2157	2162	2168	rVB6	38333	64988	0.49%	0.067%
42	15.658	2178	2182	2188	rVV2	55186	92990	0.70%	0.096%
43	15.805	2202	2207	2211	rBV4	41362	64174	0.48%	0.066%
44	15.882	2211	2220	2227	rVV2	2724711	5030787	37.64%	5.177%
45	15.935	2227	2229	2232	rVV	66420	82756	0.62%	0.085%
46	15.987	2232	2238	2255	rVB2	1086643	1844275	13.80%	1.898%
47	16.117	2256	2260	2267	rBV5	43782	94923	0.71%	0.098%
48	16.246	2277	2282	2287	rBV8	40131	57019	0.43%	0.059%
49	16.299	2287	2291	2294	rVV	117828	170605	1.28%	0.176%
50	16.334	2294	2297	2302	rVV	158967	251892	1.88%	0.259%
51	16.381	2302	2305	2310	rVV2	60223	91469	0.68%	0.094%
52	16.516	2321	2328	2334	rVB7	35073	68849	0.52%	0.071%
53	16.604	2336	2343	2350	rBV	317434	484572	3.63%	0.499%
54	16.692	2350	2358	2362	rVV	681718	1041317	7.79%	1.072%
55	16.751	2362	2368	2375	rVV2	1372855	2758102	20.64%	2.839%
56	16.816	2375	2379	2383	rVV2	1129575	1683679	12.60%	1.733%
57	16.857	2383	2386	2391	rVV	531048	785358	5.88%	0.808%
58	16.904	2391	2394	2397	rVV	317118	461872	3.46%	0.475%
59	16.933	2397	2399	2407	rVV2	253185	558503	4.18%	0.575%
60	17.016	2407	2413	2420	rVV3	479394	1048118	7.84%	1.079%
61	17.080	2420	2424	2428	rVV	574697	910617	6.81%	0.937%
62	17.115	2428	2430	2434	rVV2	319013	509018	3.81%	0.524%
63	17.157	2434	2437	2440	rVV	329536	469576	3.51%	0.483%
64	17.192	2440	2443	2456	rVB7	197650	355037	2.66%	0.365%
65	17.409	2470	2480	2486	rBV7	43195	113307	0.85%	0.117%
66	17.491	2489	2494	2497	rBV6	28696	49999	0.37%	0.051%
67	17.638	2507	2519	2528	rBV2	2099932	3449274	25.81%	3.550%
68	17.738	2528	2536	2545	rVV	2653853	4263610	31.90%	4.388%
69	18.120	2598	2601	2607	rVB7	37435	48110	0.36%	0.050%
70	18.279	2617	2628	2634	rVV7	71439	129118	0.97%	0.133%
71	18.408	2646	2650	2657	rVB5	23340	49425	0.37%	0.051%

LSC Area Percent Report

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Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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-BG0100716.M
Title : SVOA CALIBRATION

72	18.479	2657	2662	2667	rBV4	121405	175675	1.31%	0.181%
73	18.531	2667	2671	2682	rVB4	39391	92985	0.70%	0.096%
74	18.667	2690	2694	2703	rVV4	52918	143183	1.07%	0.147%
75	18.761	2705	2710	2715	rBV7	26108	54239	0.41%	0.056%
76	18.843	2720	2724	2728	rBV4	71420	113339	0.85%	0.117%
77	18.902	2728	2734	2741	rVB5	81320	196941	1.47%	0.203%
78	18.984	2745	2748	2754	rVV8	40917	87688	0.66%	0.090%
79	19.049	2754	2759	2769	rVB8	49521	116119	0.87%	0.120%
80	19.366	2803	2813	2820	rBV	276881	553432	4.14%	0.570%
81	19.454	2821	2828	2830	rBV	681093	994938	7.44%	1.024%
82	19.483	2830	2833	2838	rVV2	1035340	2184599	16.35%	2.248%
83	19.536	2838	2842	2846	rVV2	845006	1794952	13.43%	1.847%
84	19.571	2846	2848	2856	rVV3	610755	1403611	10.50%	1.445%
85	19.642	2856	2860	2863	rVV2	539181	951062	7.12%	0.979%
86	19.677	2863	2866	2873	rVV3	444175	1069309	8.00%	1.100%
87	19.748	2873	2878	2888	rVB	885478	1623839	12.15%	1.671%
88	20.012	2915	2923	2933	rVB	3115609	4975072	37.23%	5.120%
89	20.347	2976	2980	2986	rBV9	50363	109056	0.82%	0.112%
90	21.522	3175	3180	3186	rBV5	143050	245098	1.83%	0.252%
91	21.939	3244	3251	3260	rVB	2302456	4071097	30.46%	4.190%
92	22.750	3385	3389	3395	rVB8	32098	62449	0.47%	0.064%
93	23.484	3506	3514	3519	rBV8	46621	118382	0.89%	0.122%
94	23.561	3525	3527	3538	rVB8	51723	109359	0.82%	0.113%
95	24.348	3654	3661	3667	rBV9	39638	98413	0.74%	0.101%
96	25.147	3784	3797	3812	rVB2	1641649	4877866	36.50%	5.020%
97	25.382	3824	3837	3856	rVB2	1307829	4212429	31.52%	4.335%
98	26.587	4034	4042	4049	rVB10	70609	192585	1.44%	0.198%
99	28.050	4277	4291	4298	rBV10	63805	265949	1.99%	0.274%
100	29.801	4580	4589	4593	rBV10	47543	121249	0.91%	0.125%

Sum of corrected areas: 97166528

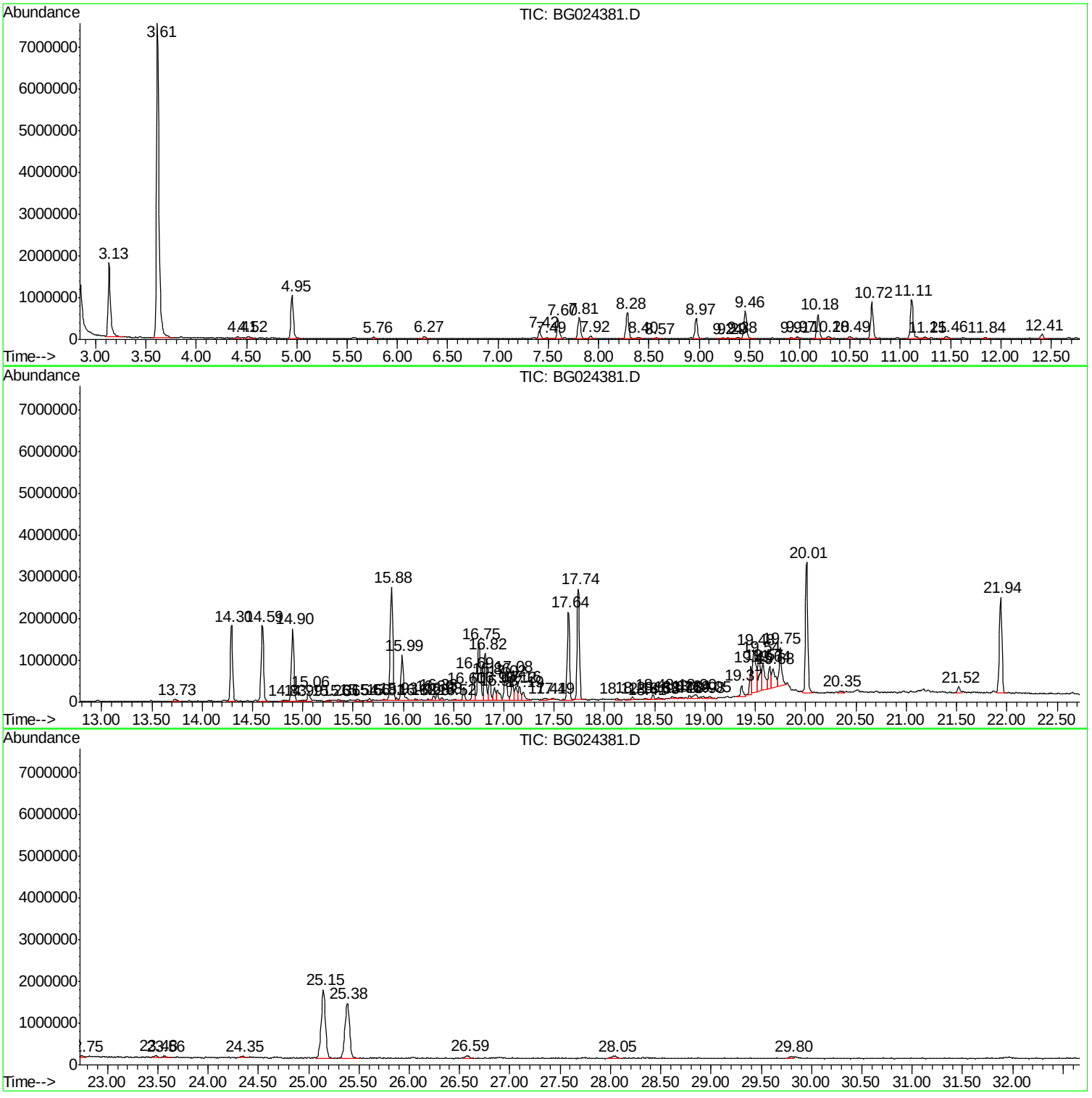
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

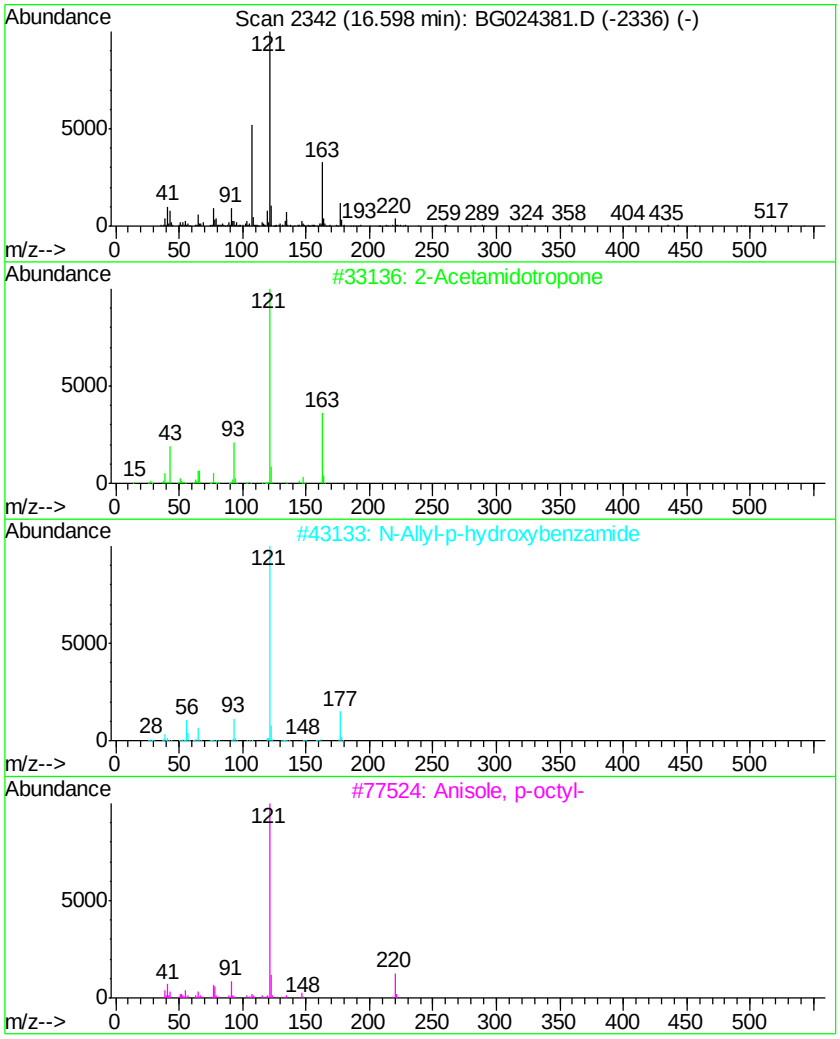
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

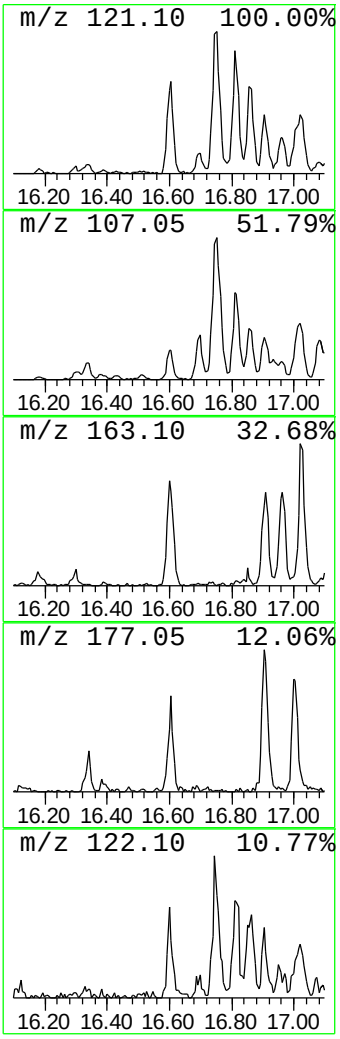
****

Peak Number 4 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.81 ng/ul	484572	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	38
3	Anisole, p-octyl-	220	C15H24O	003307-19-5	38
4	Benzene, 1,1'-(1-chloro-3-methox...	260	C16H17ClO	1000327-37-1	38
5	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

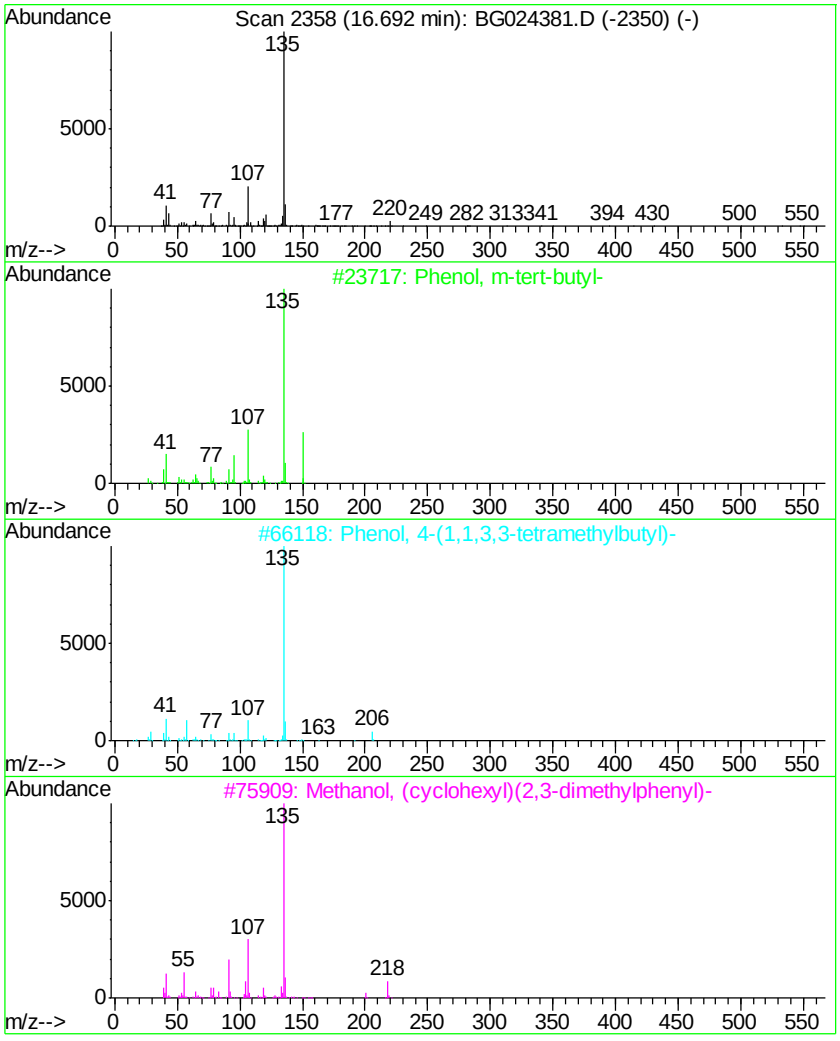
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

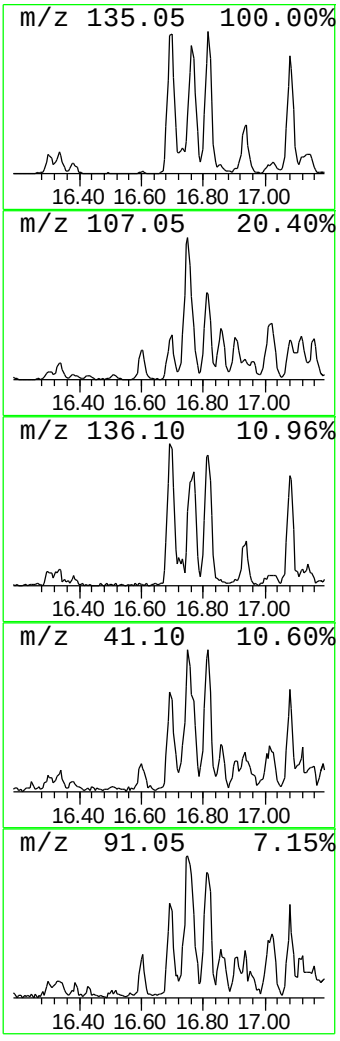
****

Peak Number 5 Phenol, m-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	6.04 ng/ul	1041320	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
4	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

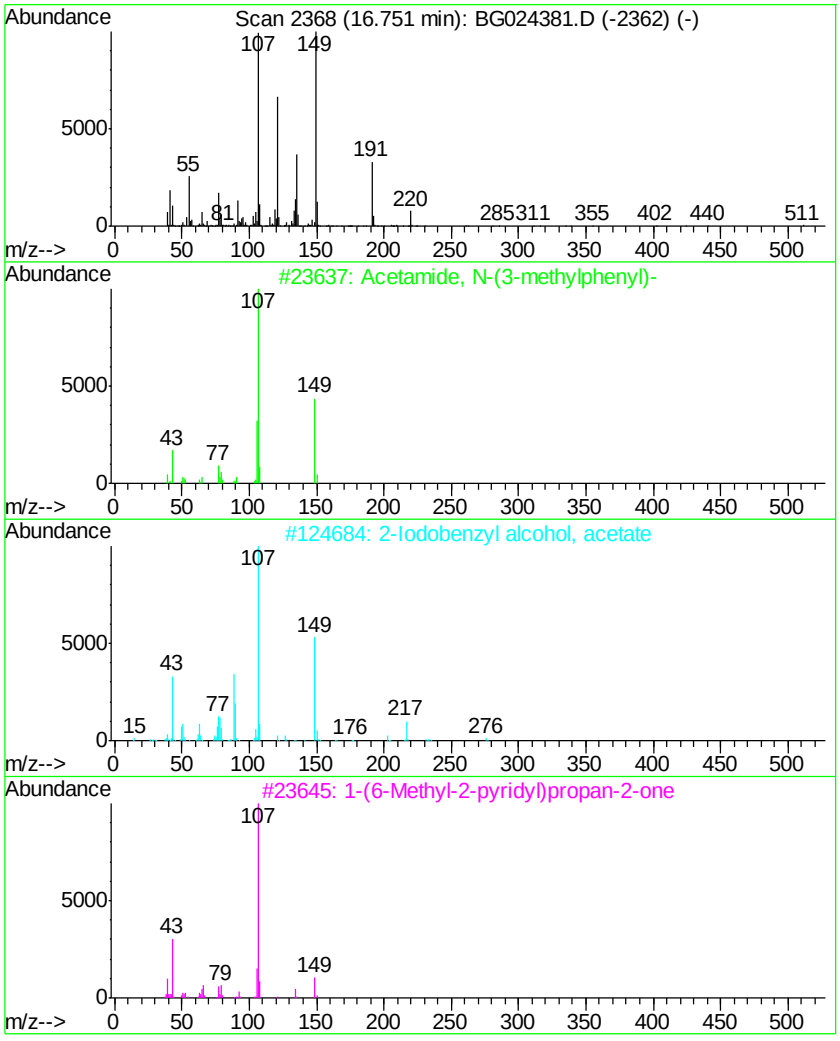
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

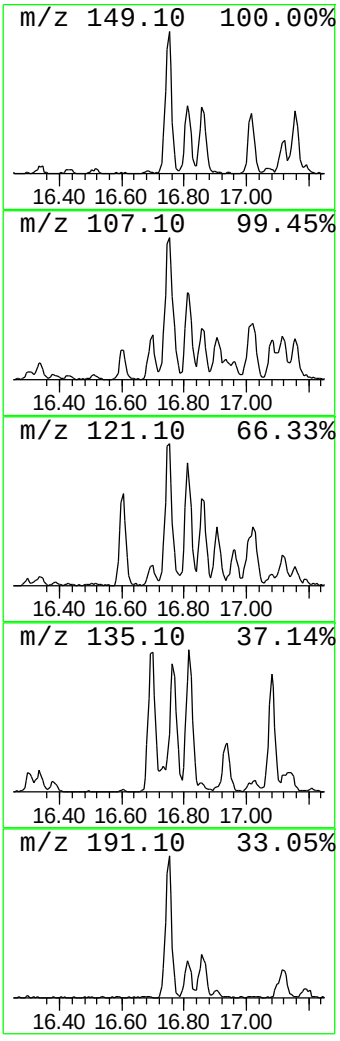
****

Peak Number 6 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	15.99 ng/ul	2758100	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	2-Iodobenzyl alcohol, acetate	276	C9H9IO2	1000364-47-1	53
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	43
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	43
5	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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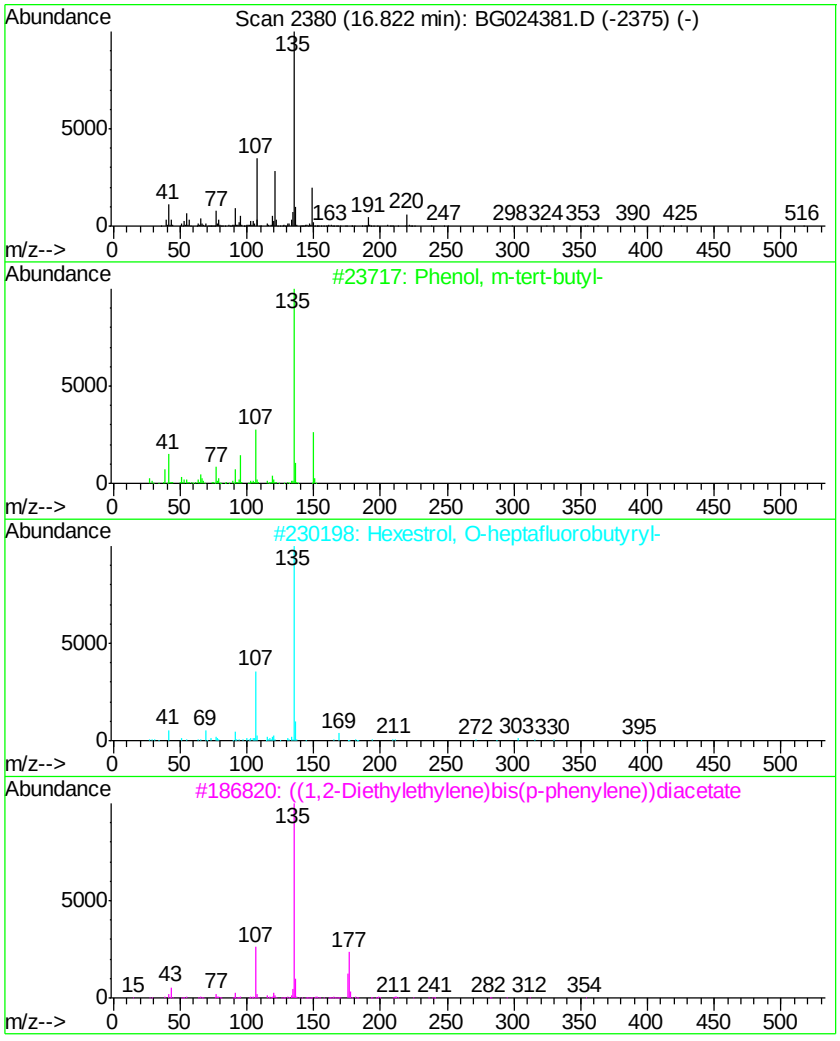
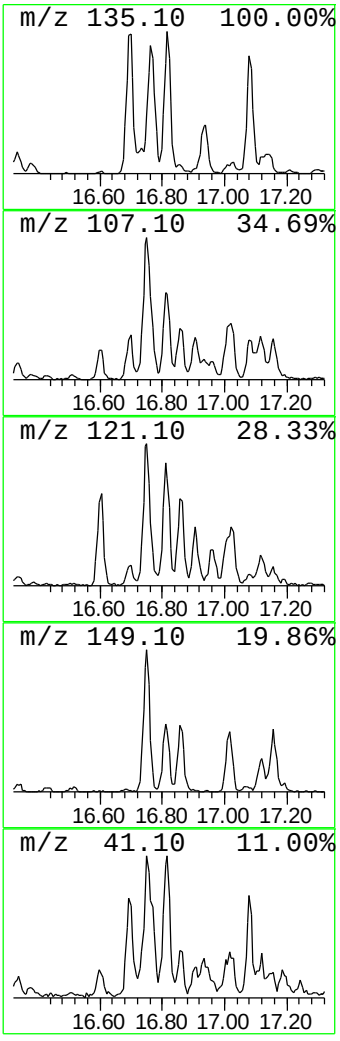
Peak Number 7 Hexestrol, O-heptafluorobut... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	9.76 ng/ul	1683680	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
2	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	59
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

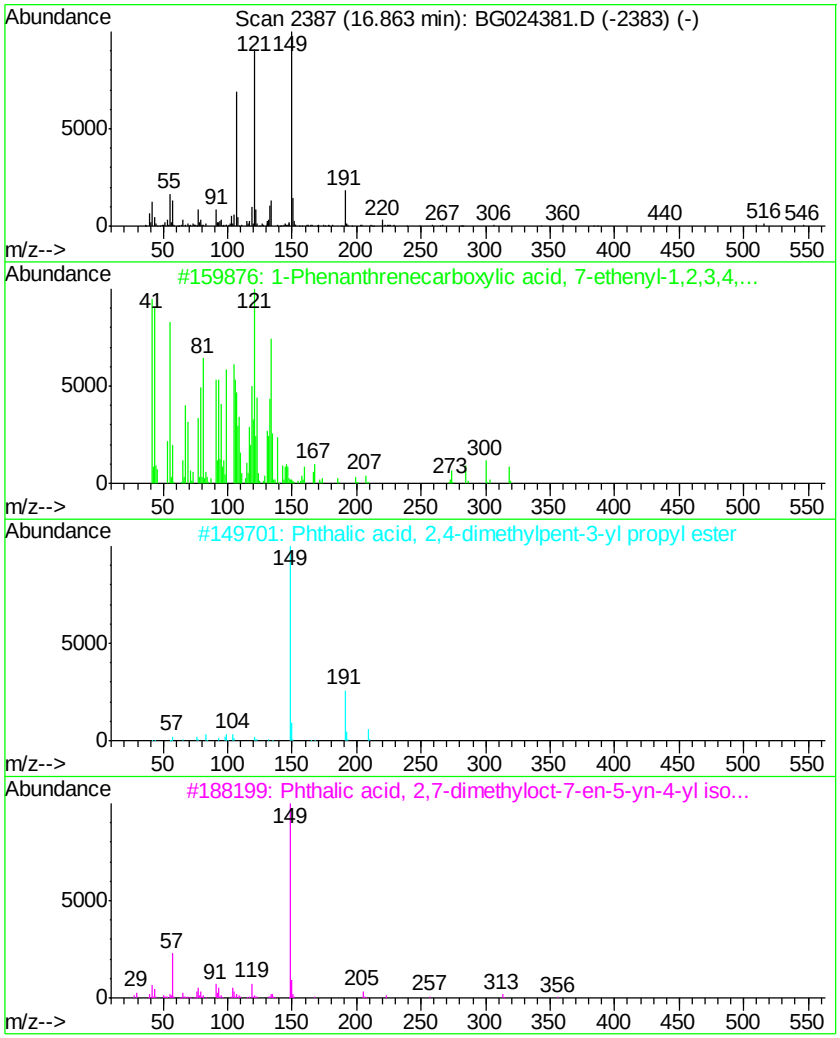
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

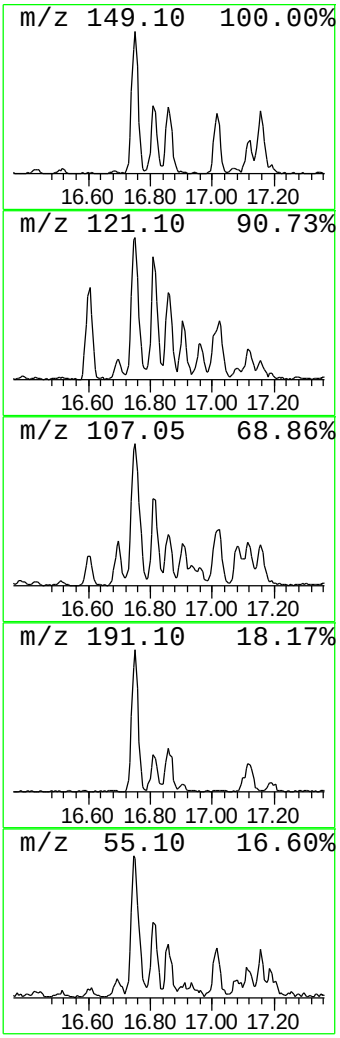
****

Peak Number 8 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	4.55 ng/ul	785358	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	318	C20H30O3	056051-66-2	38
2	Phthalic acid, 2,4-dimethylpent-...	306	C18H26O4	1000356-84-2	27
3	Phthalic acid, 2,7-dimethyloct-7...	356	C22H28O4	1000315-49-7	25
4	Diethyl Phthalate	222	C12H14O4	000084-66-2	25
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	25





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Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

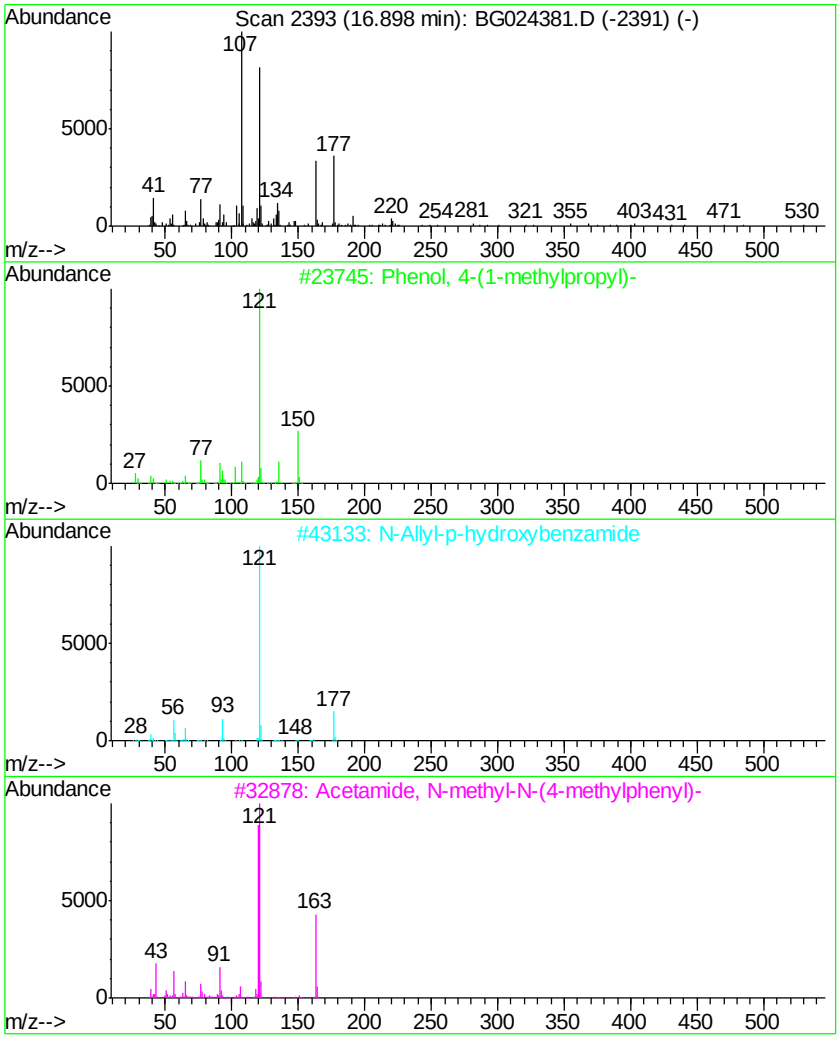
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

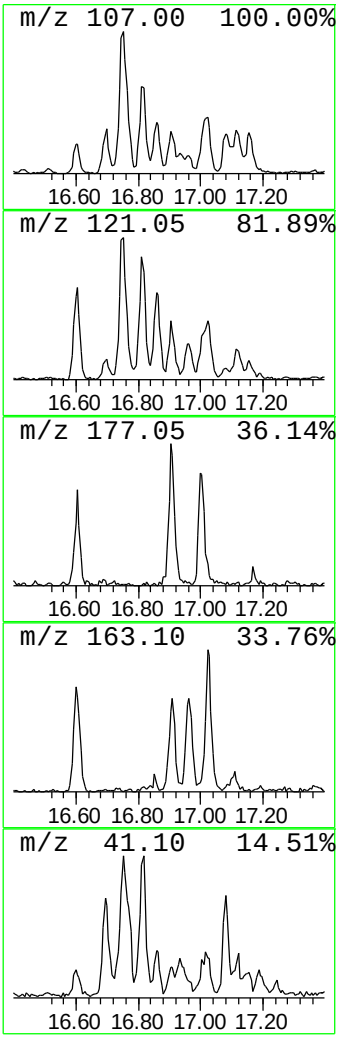
****

Peak Number 9 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.68 ng/ul	461872	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	35
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	35
3	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	30
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	27
5	2-Acetamidotropone	163	C9H9NO2	006422-12-4	27





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Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

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

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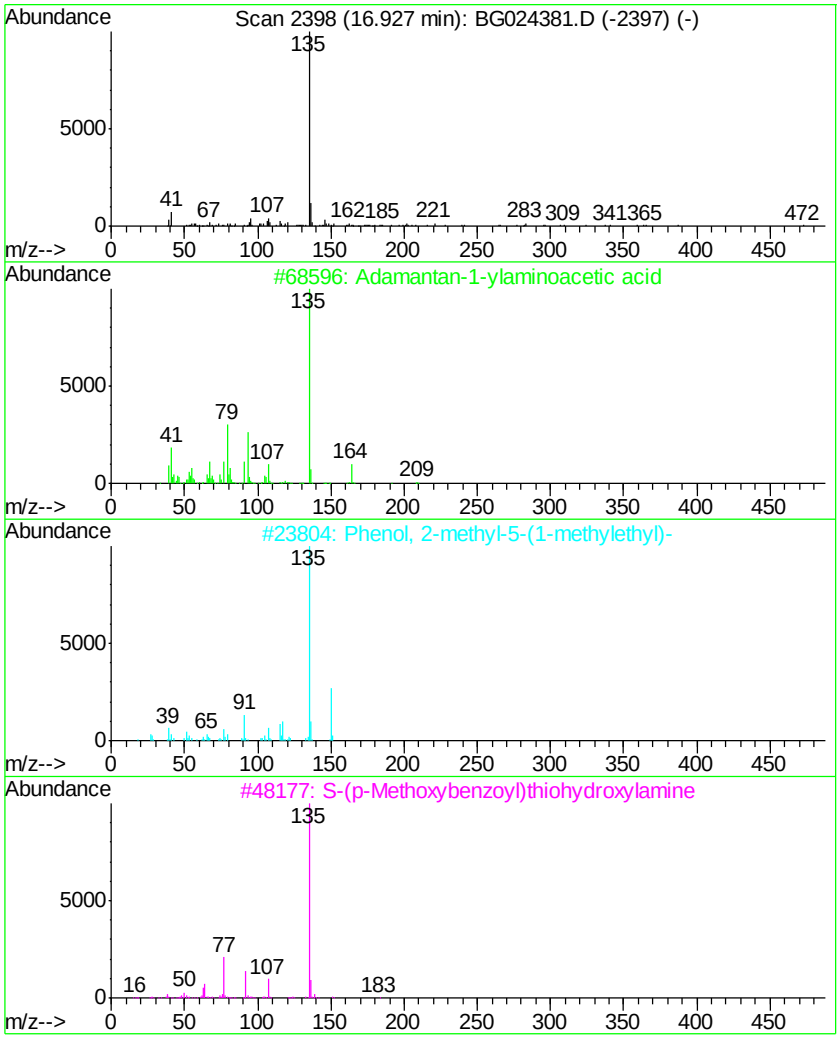
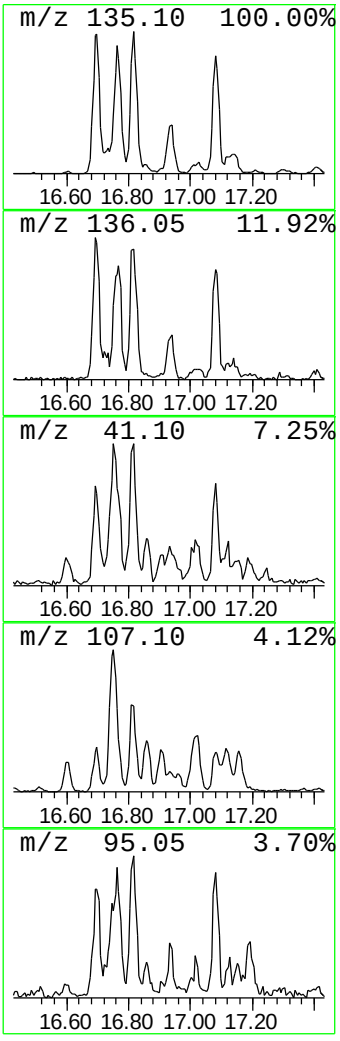
Peak Number 10 Adamantan-1-ylaminoacetic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	3.24 ng/ul	558503	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantan-1-ylaminoacetic acid	209	C12H19NO2	1000316-74-7	72
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
3	S-(p-Methoxybenzoyl)thiohydroxyl...	183	C8H9NO2S	035124-66-4	72
4	o-Anisic acid, tridec-2-ynyl ester	330	C21H30O3	1000292-57-9	59
5	5-Bromovaleric acid, 1-adamantyl...	328	C16H25BrO2	1000299-98-2	59





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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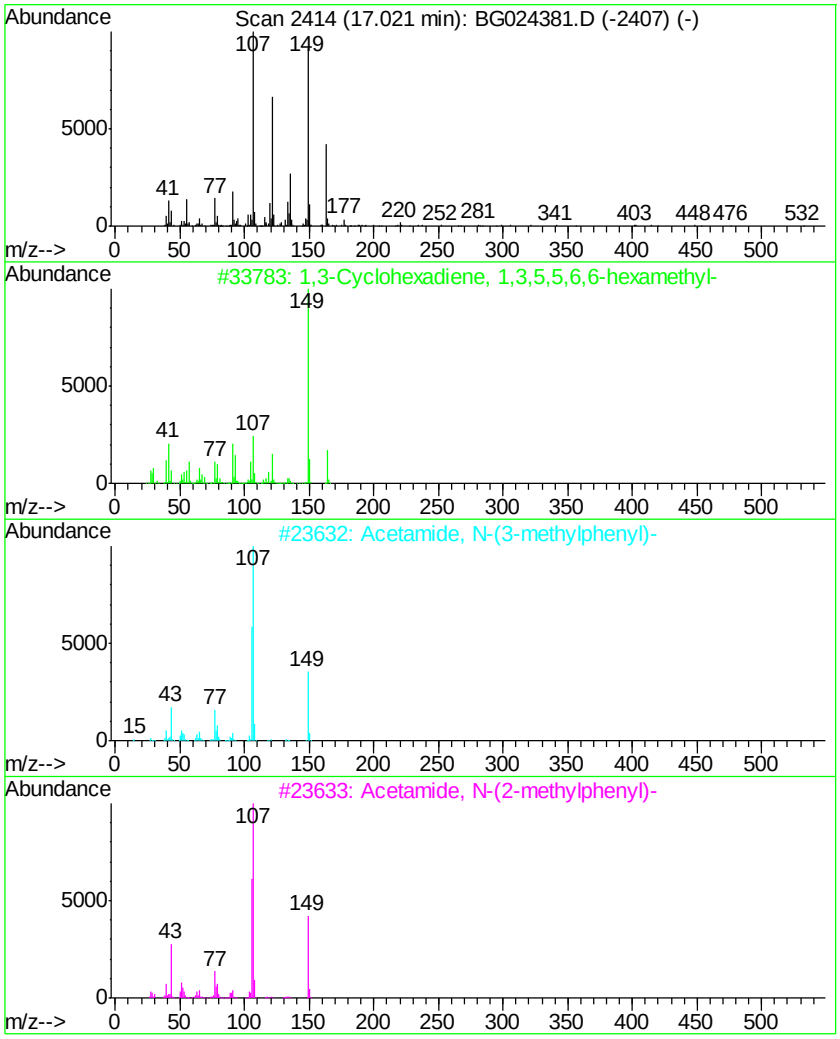
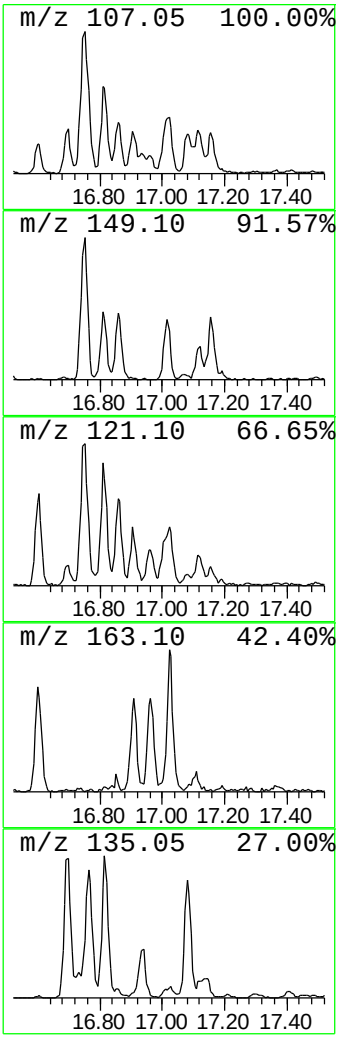
Peak Number 11 1,3-Cyclohexadiene, 1,3,5,5... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	6.08 ng/ul	1048120	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	64
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
5	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	38





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Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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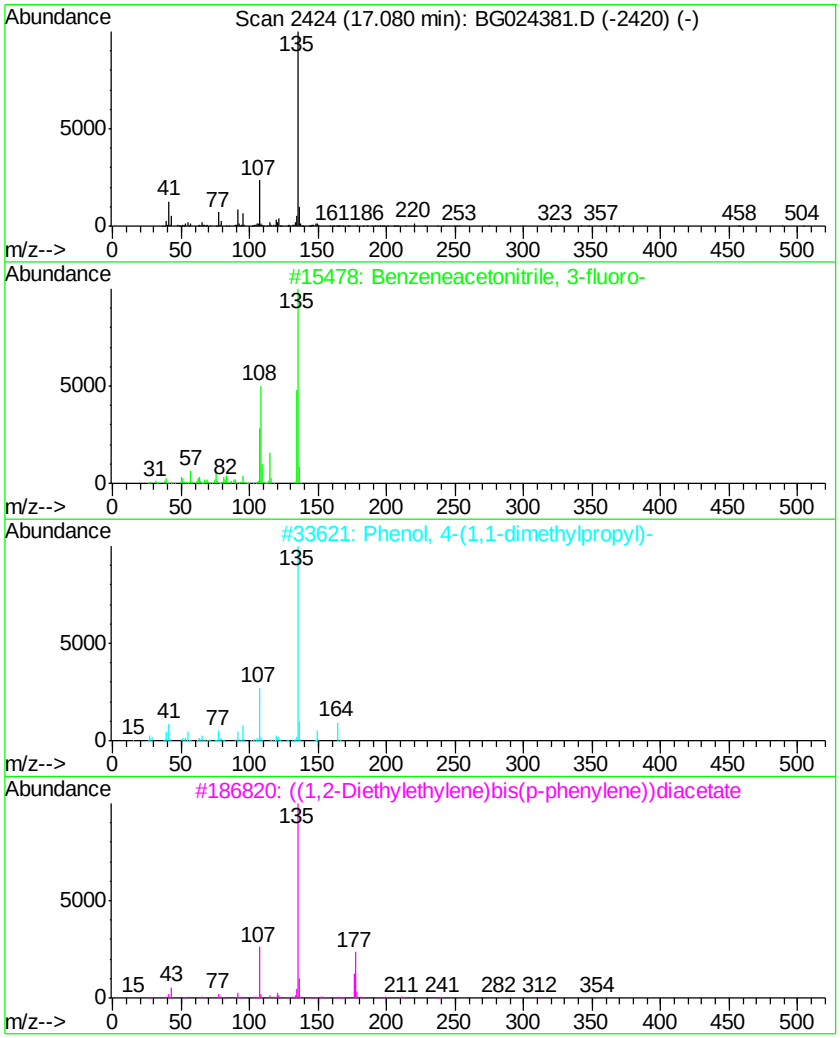
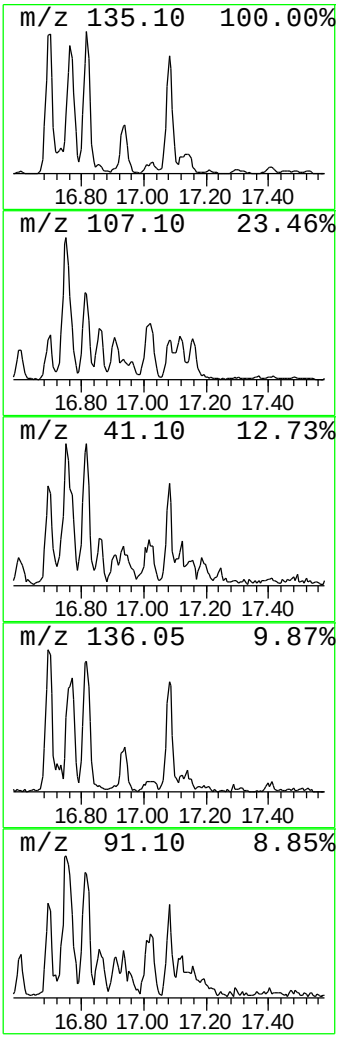
Peak Number 12 Benzeneacetonitrile, 3-fluoro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	5.28 ng/ul	910617	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	72
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64





Library Search Compound Report

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Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

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

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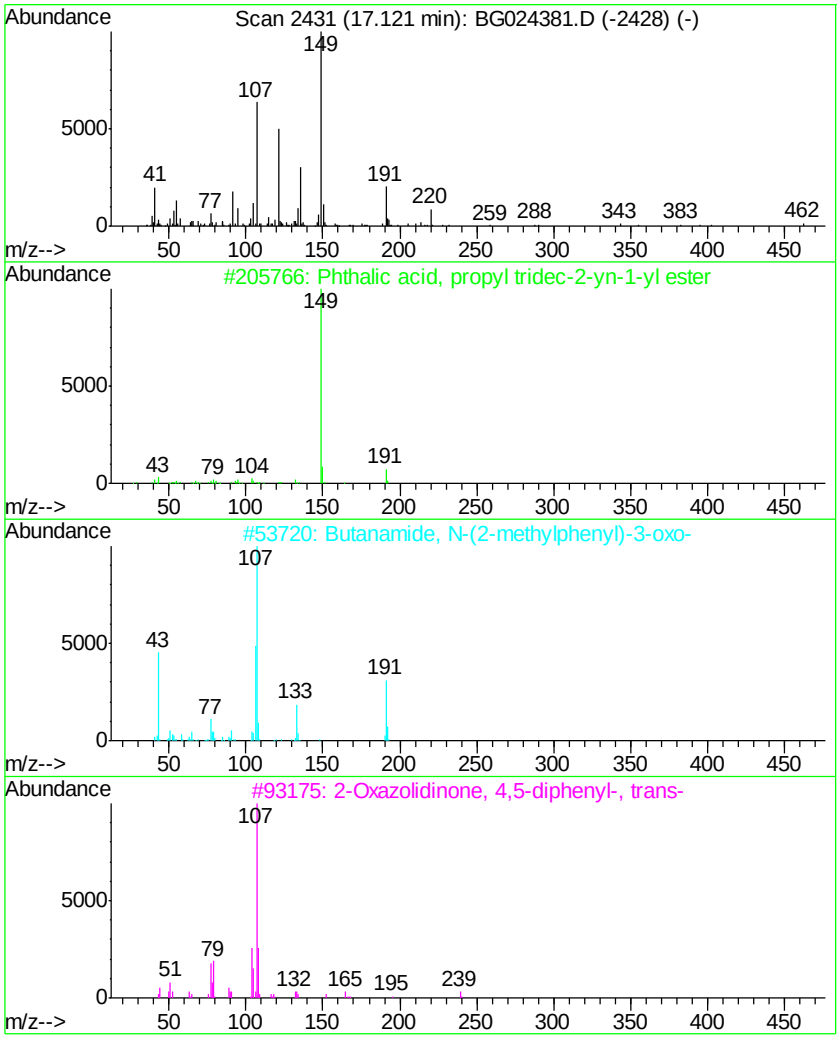
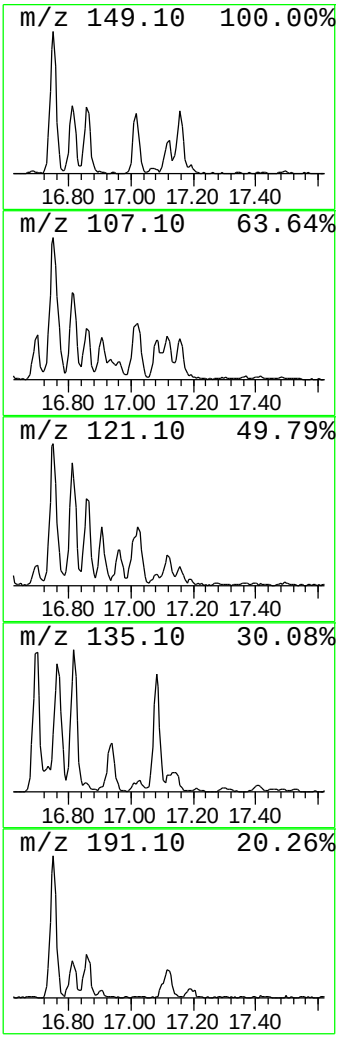
Peak Number 13 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.95 ng/ul	509018	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, propyl tridec-2-y...	386	C24H34O4	1000315-43-6	35
2	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	35
3	2-Oxazolidinone, 4,5-diphenyl-, ...	239	C15H13NO2	019190-95-5	25
4	Phthalic acid, 2-methylpent-3-yl...	376	C23H36O4	1000356-91-4	22
5	Phthalic acid, isohexyl pentadec...	460	C29H48O4	1000308-98-3	22





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Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

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

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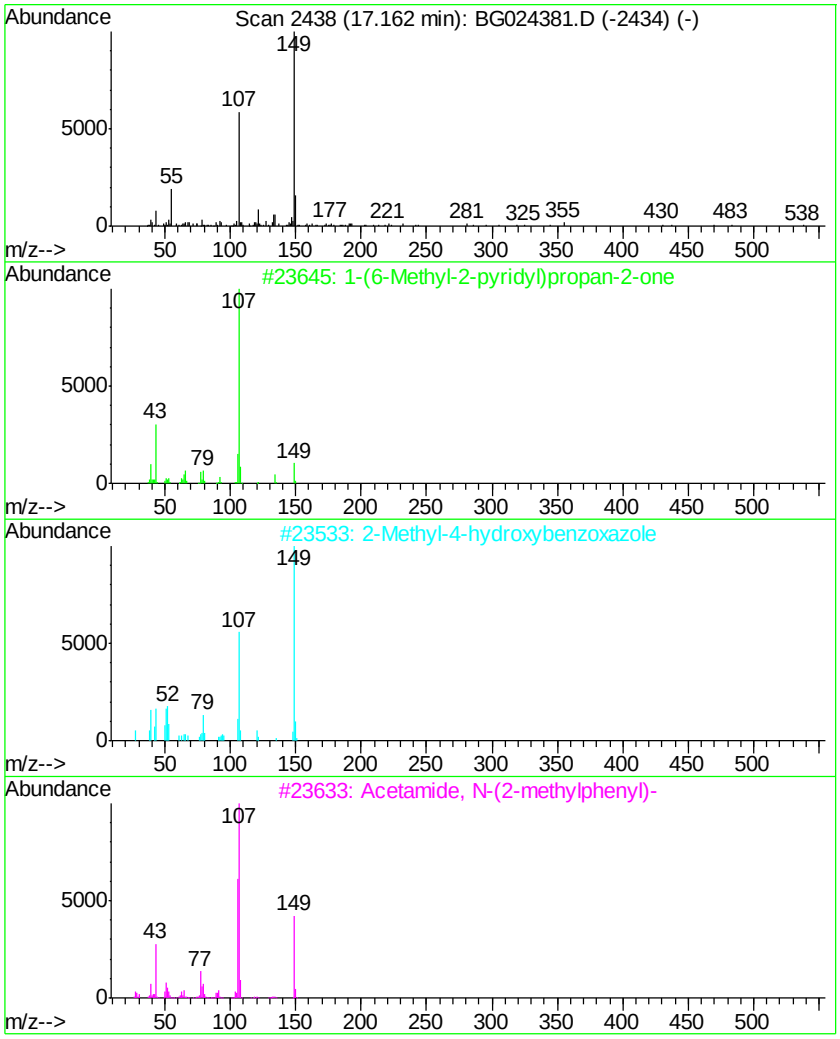
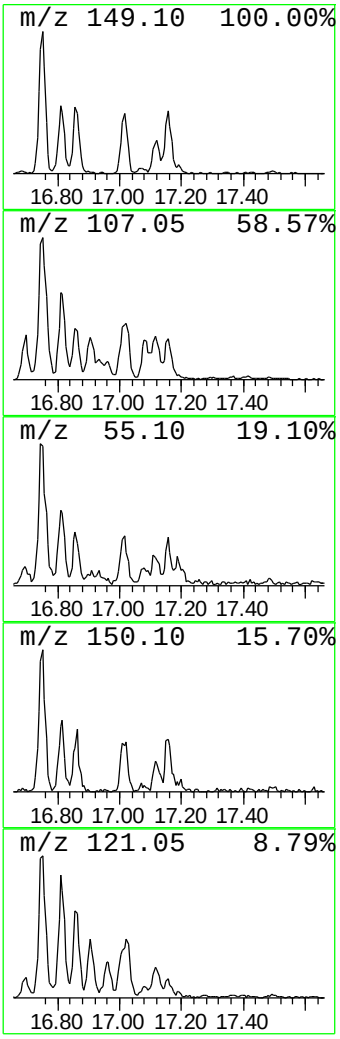
Peak Number 14 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	2.72 ng/ul	469576	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	64
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50
5	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	50





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Sample : H5239-06
Misc :
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Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

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

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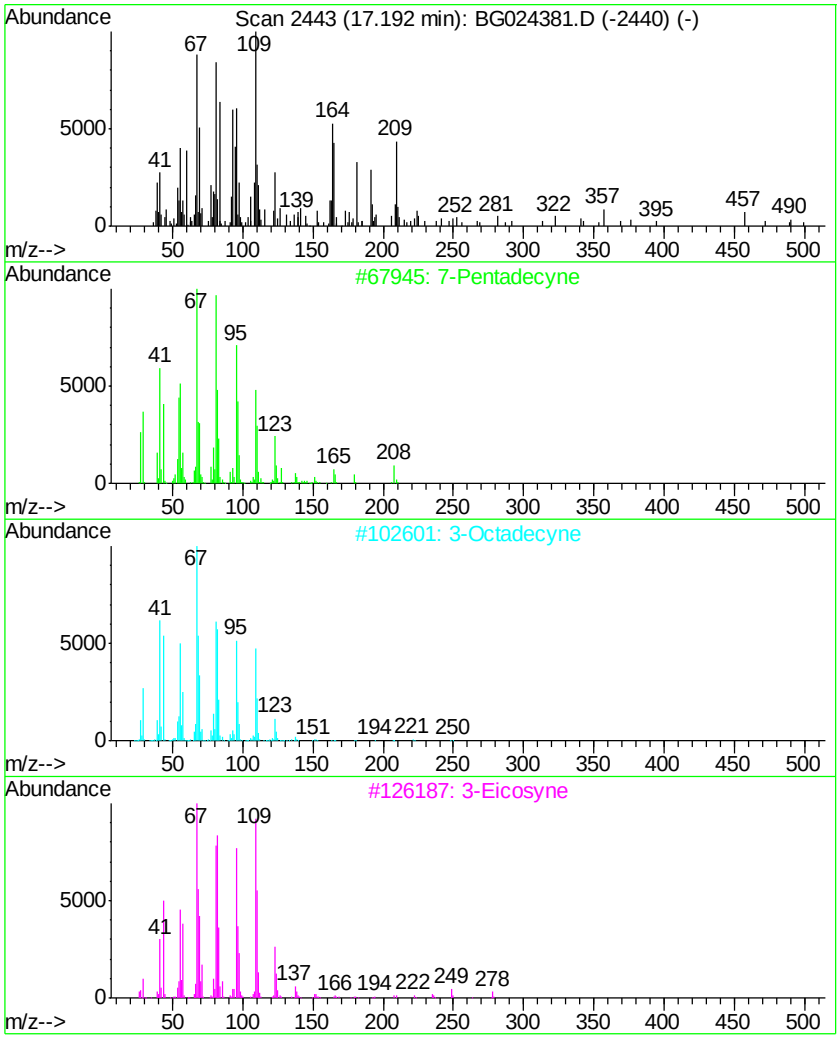
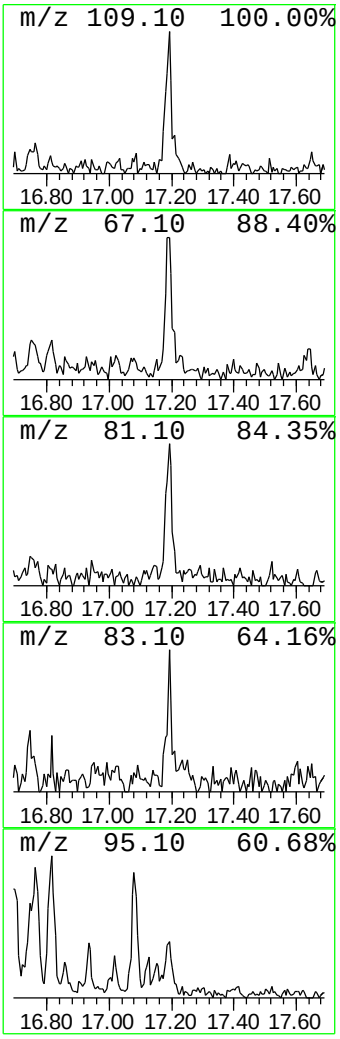
Peak Number 15 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	2.06 ng/ul	355037	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Pentadecyne	208	C15H28	022089-89-0	38
2	3-Octadecyne	250	C18H34	061886-64-4	38
3	3-Eicosyne	278	C20H38	061886-66-6	37
4	3,5-Dimethylcyclohex-1-ene-4-car...	138	C9H14O	006975-94-6	32
5	trans-1,2-Bis(bromomethyl)cycloh...	268	C8H14Br2	1000216-87-8	22





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Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

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

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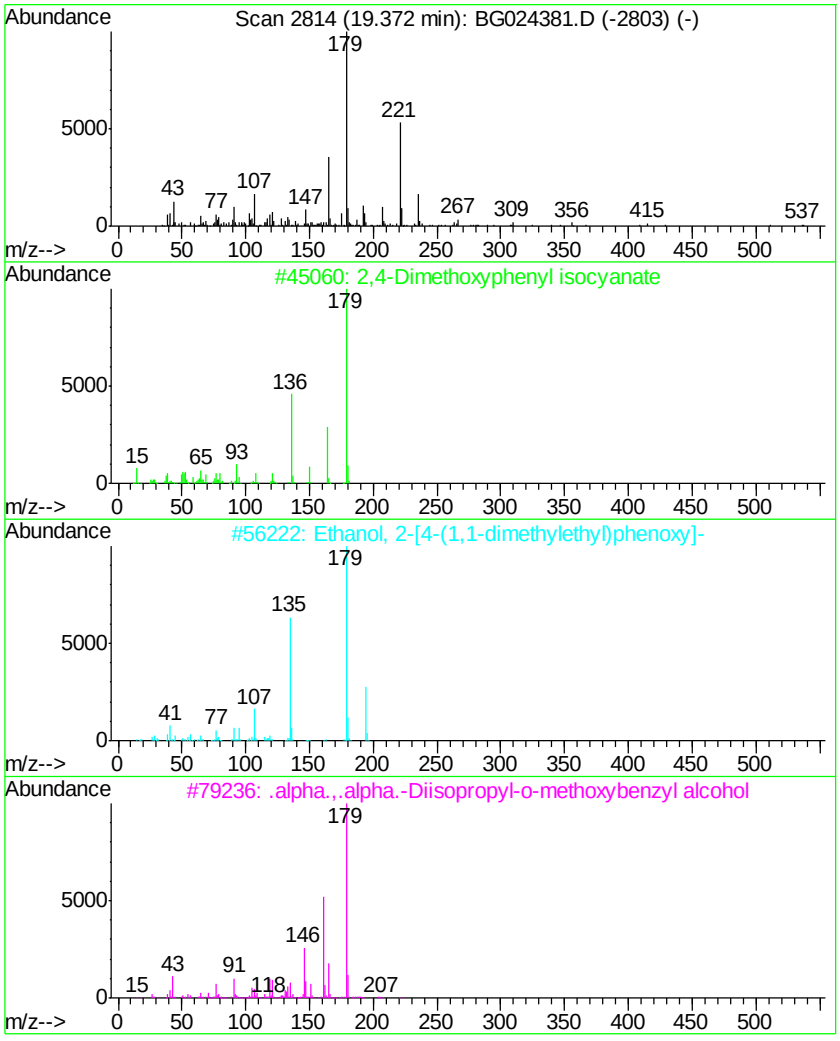
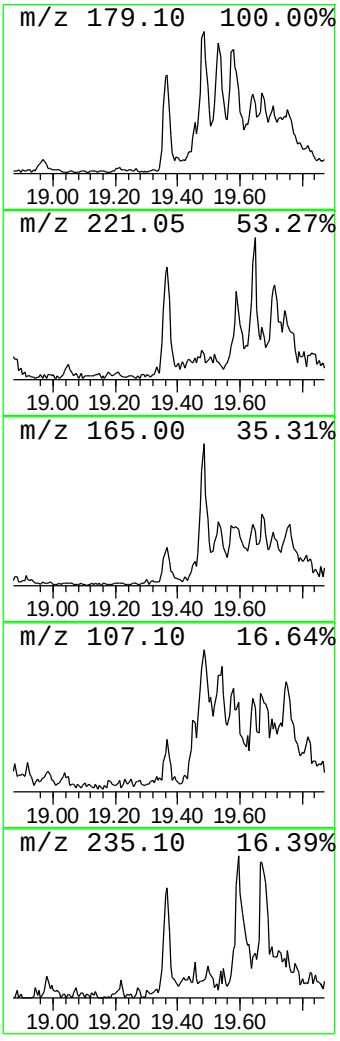
Peak Number 16 unknown-06 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.21 ng/ul	553432	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	38
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	37
3	.alpha.,.alpha.-Diisopropyl-o-me...	222	C14H22O2	010277-90-4	37
4	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	37
5	2',4'-Dimethoxy-3'-methylpropiop...	208	C12H16O3	077942-13-3	35





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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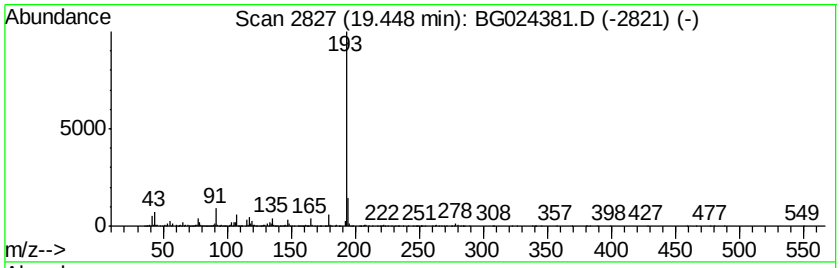
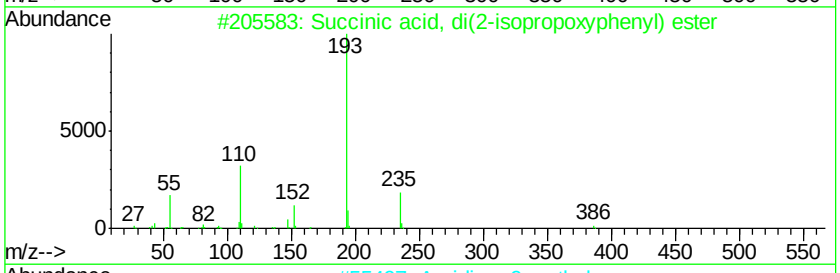
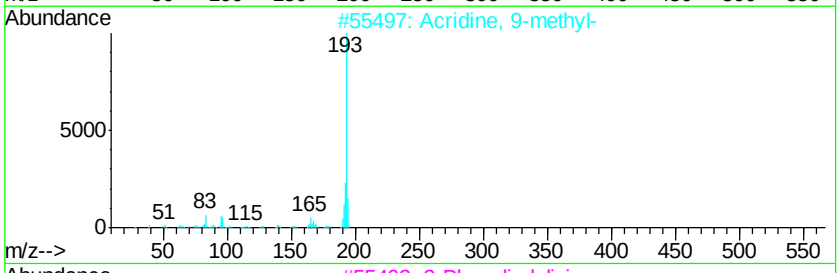
Peak Number 17 Succinic acid, di(2-isoprop... Concentration Rank 13

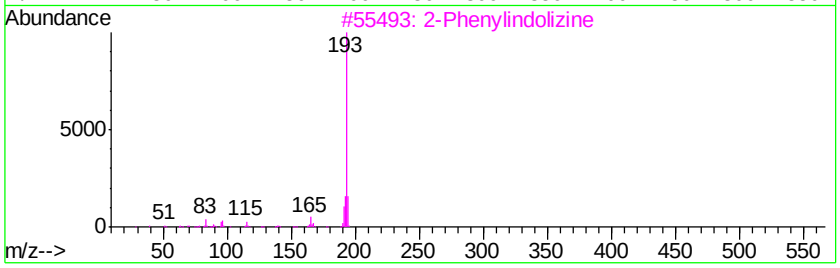
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	5.77 ng/ul	994938	Phenanthrene-d10	17.64

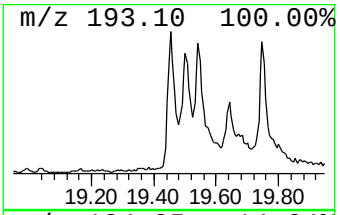
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, di(2-isopropoxyph...	386	C22H26O6	1000324-70-7	59
2	Acridine, 9-methyl-	193	C14H11N	000611-64-3	59
3	2-Phenylindolizine	193	C14H11N	025379-20-8	59
4	Quinoline, 7-chloro-4-methoxy-	193	C10H8ClNO	1000337-12-8	50
5	9-Vinylcarbazole	193	C14H11N	001484-13-5	45

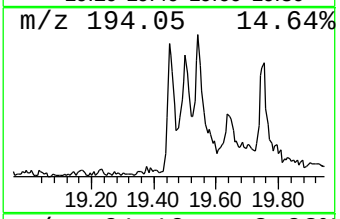


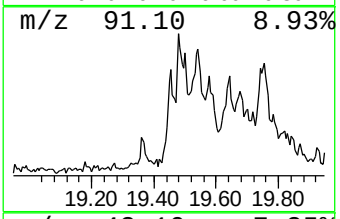


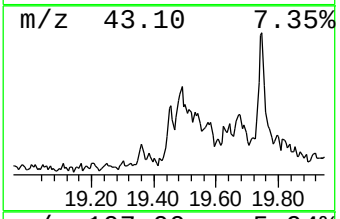


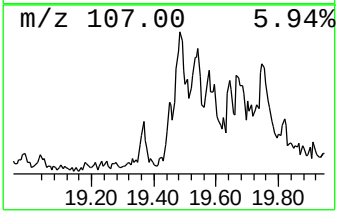












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Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

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Quant Title : SVOA CALIBRATION

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

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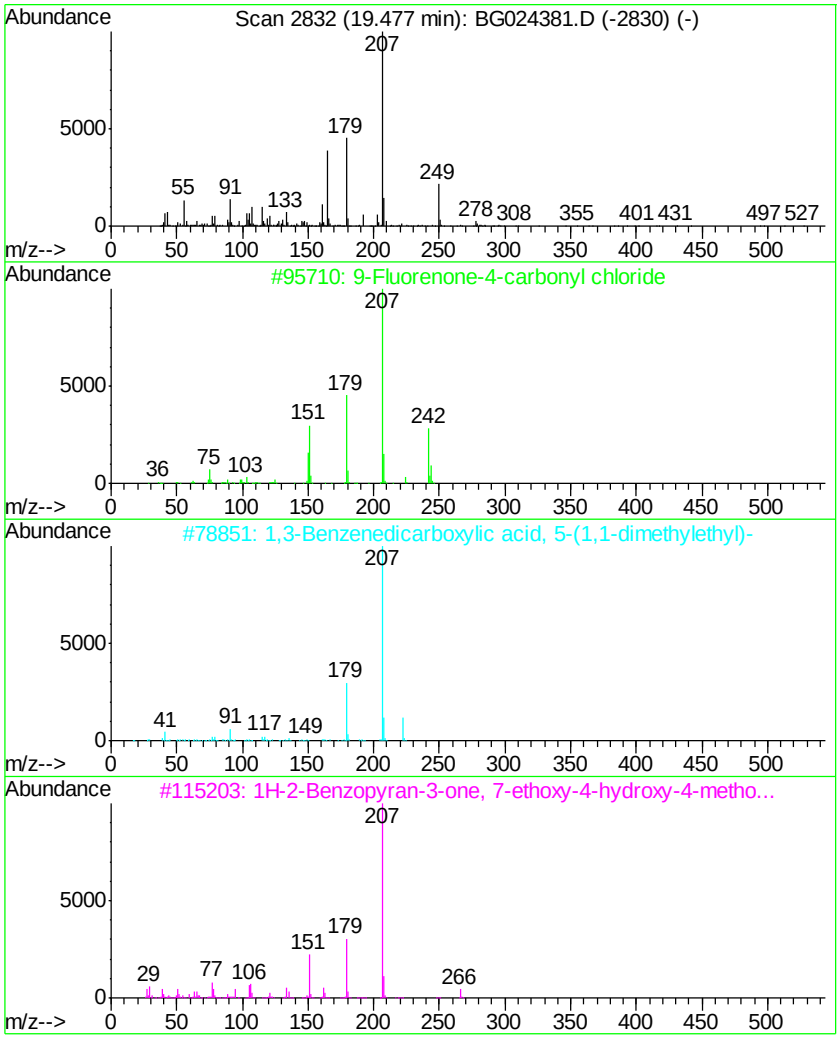
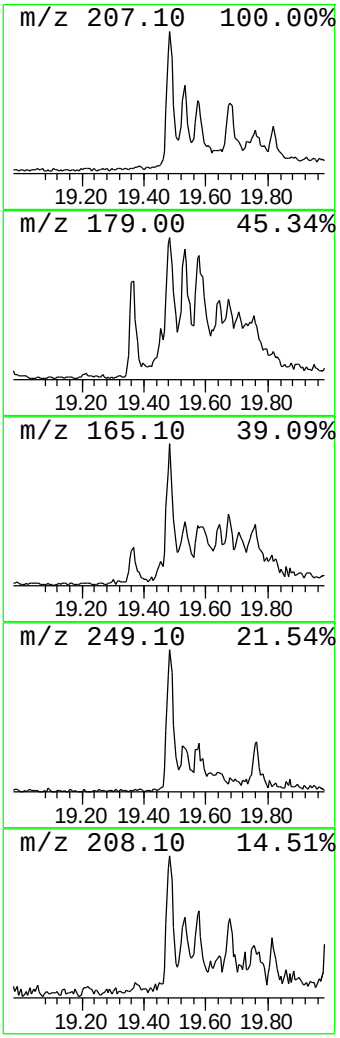
Peak Number 18 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	12.67 ng/ul	2184600	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Fluorenone-4-carbonyl chloride	242	C14H7ClO2	007071-83-2	43
2	1,3-Benzenedicarboxylic acid, 5-...	222	C12H14O4	002359-09-3	43
3	1H-2-Benzopyran-3-one, 7-ethoxy-...	266	C13H14O6	1000158-14-3	38
4	Acridine-9-carbaldehyde	207	C14H9NO	1000318-45-4	37
5	4-Acetamido-N,N-diisobutyl-3-nit...	335	C17H25N3O4	093993-07-8	37





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Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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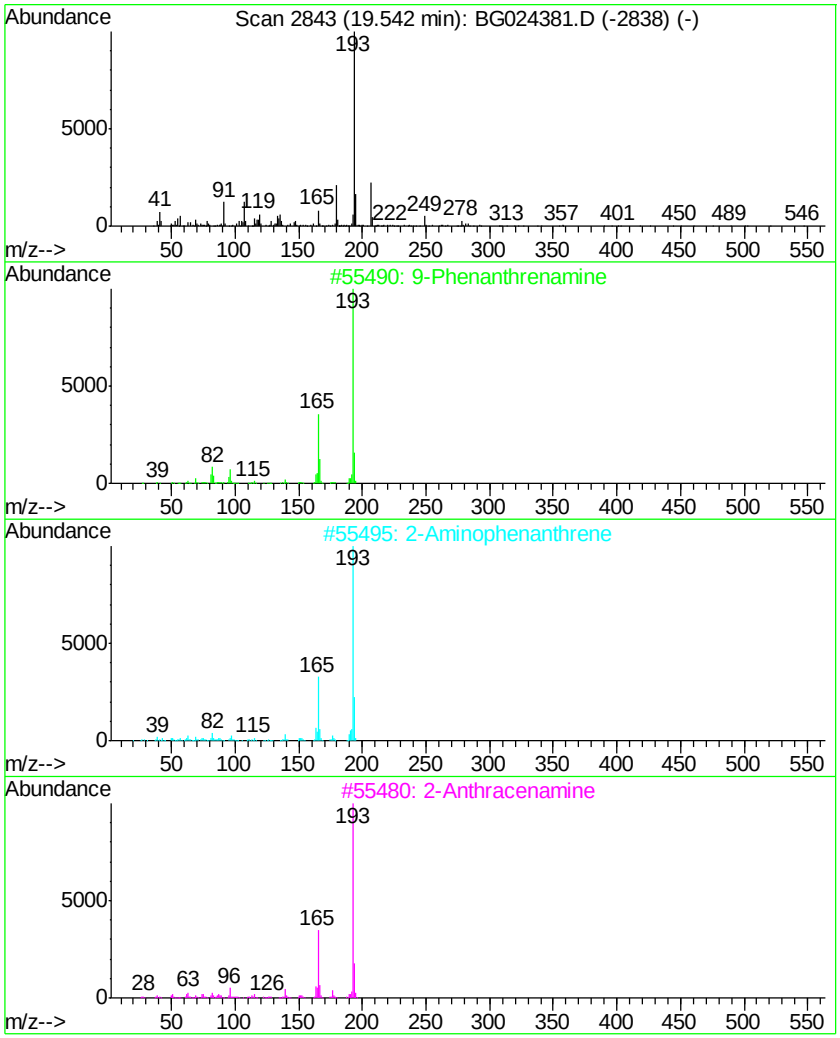
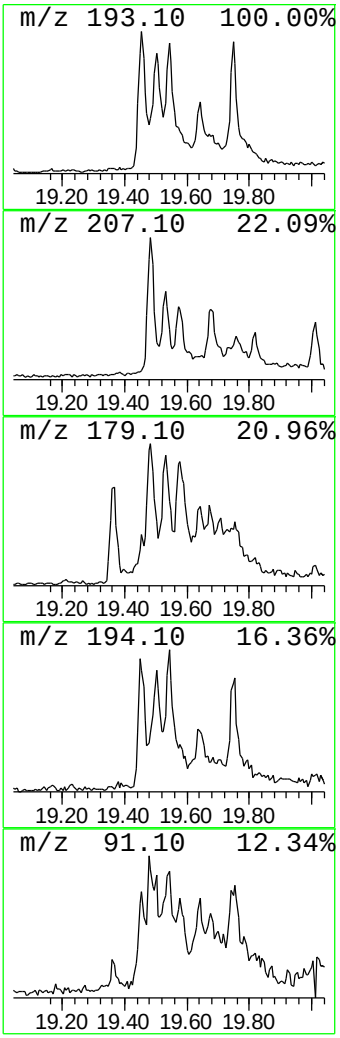
Peak Number 19 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	10.41 ng/ul	1794950	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenanthrenamine	193	C14H11N	000947-73-9	25
2	2-Aminophenanthrene	193	C14H11N	003366-65-2	25
3	2-Anthracenamine	193	C14H11N	000613-13-8	22
4	2-Anthracenamine	193	C14H11N	000613-13-8	22
5	2-Anthracenamine	193	C14H11N	000613-13-8	22





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Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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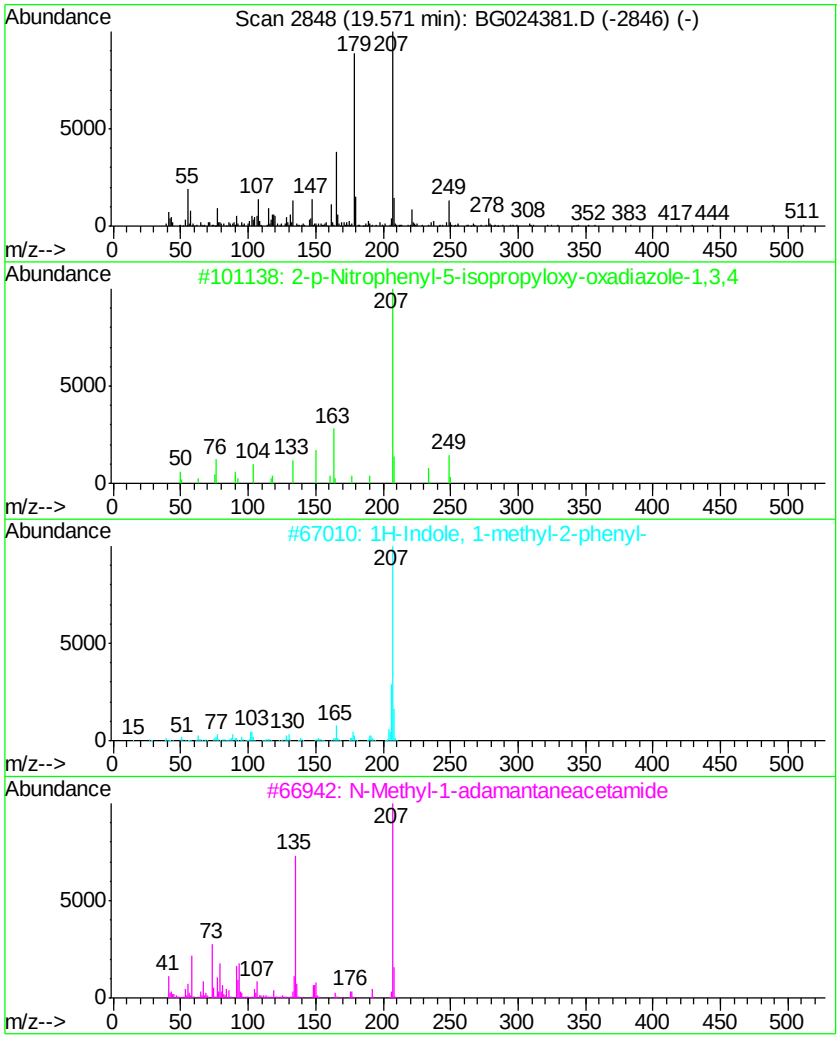
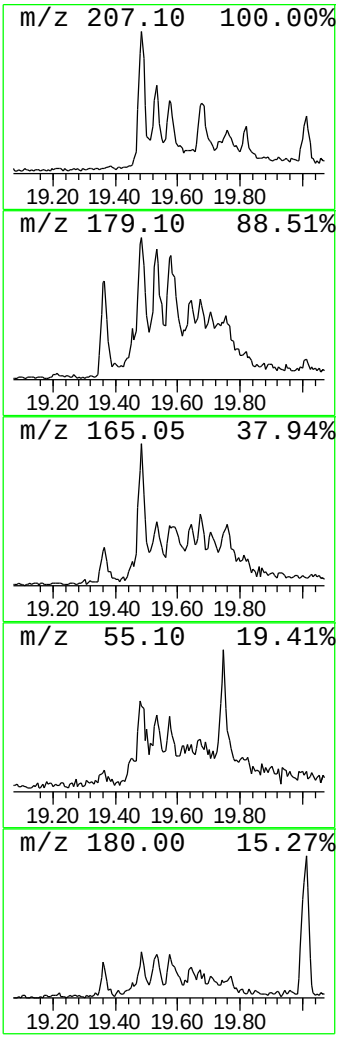
Peak Number 20 unknown-09 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	8.14 ng/ul	1403610	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-p-Nitrophenyl-5-isopropyloxy-o...	249	C11H11N3O4	041125-94-4	35
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	27
3	N-Methyl-1-adamantaneacetamide	207	C13H21NO	031897-93-5	27
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	27
5	4-Acetamido-N,N-diisobutyl-3-nit...	335	C17H25N3O4	093993-07-8	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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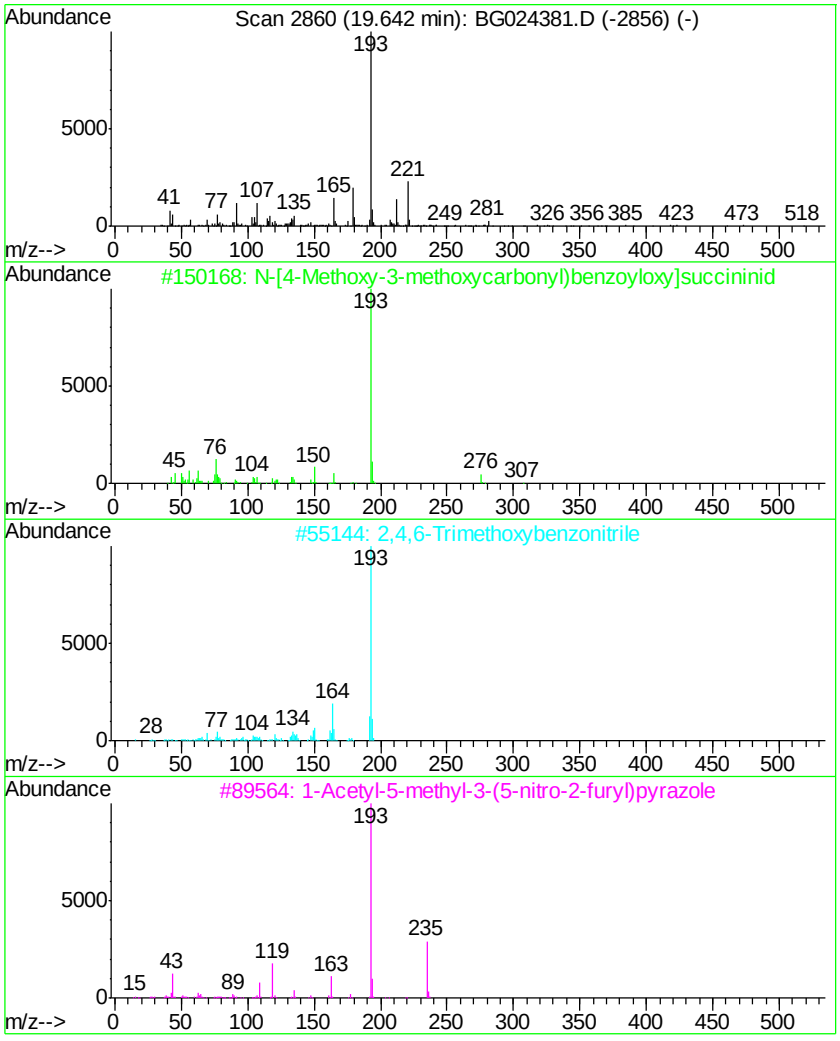
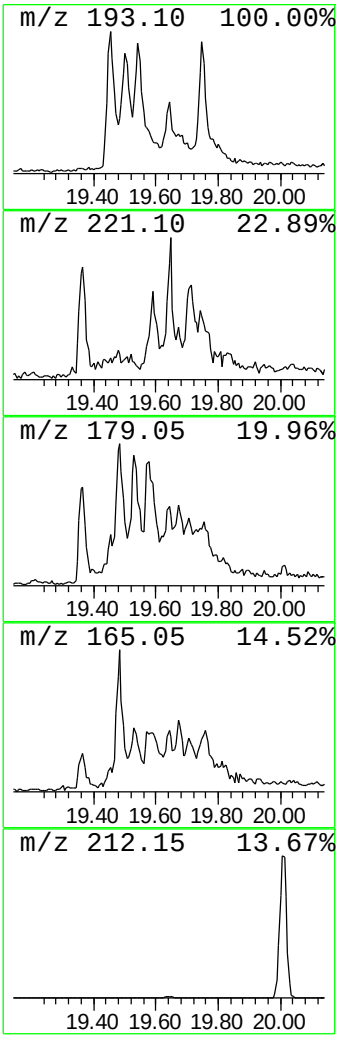
Peak Number 21 unknown-10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	5.51 ng/ul	951062	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-[4-Methoxy-3-methoxycarbonyl)b...	307	C14H13NO7	541528-00-1	46
2	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	43
3	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	32
4	1,4-Cyclopentadiene-1-carboxylic...	193	C11H15NO2	014485-75-7	32
5	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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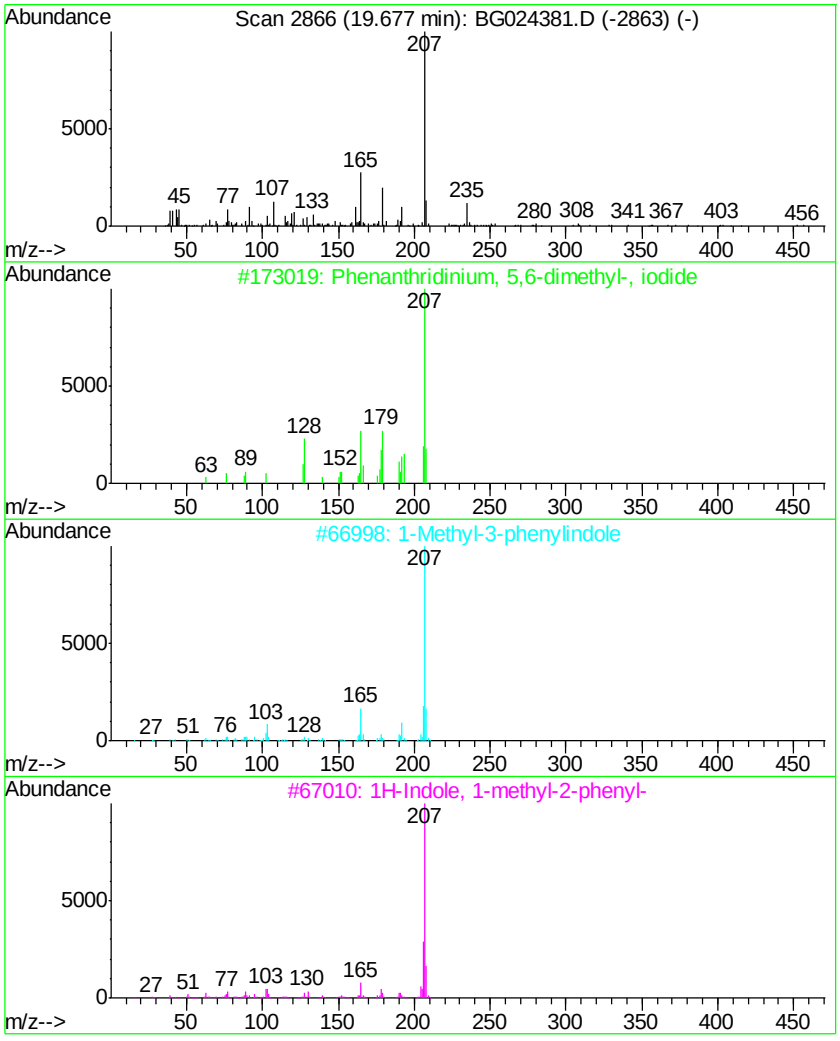
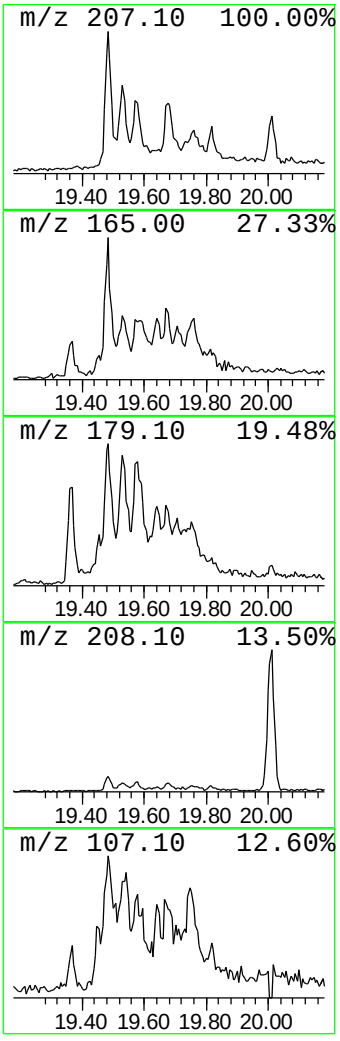
Peak Number 22 Phenanthridinium, 5,6-dimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	6.20 ng/ul	1069310	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridinium, 5,6-dimethyl-,...	335	C15H14IN	016511-48-1	50
2	1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	49
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
4	Cyclobarbital	236	C12H16N2O3	000052-31-3	43
5	Thieno[2,3-c]furan-3-carbonitril...	222	C11H14N2OS	447412-24-0	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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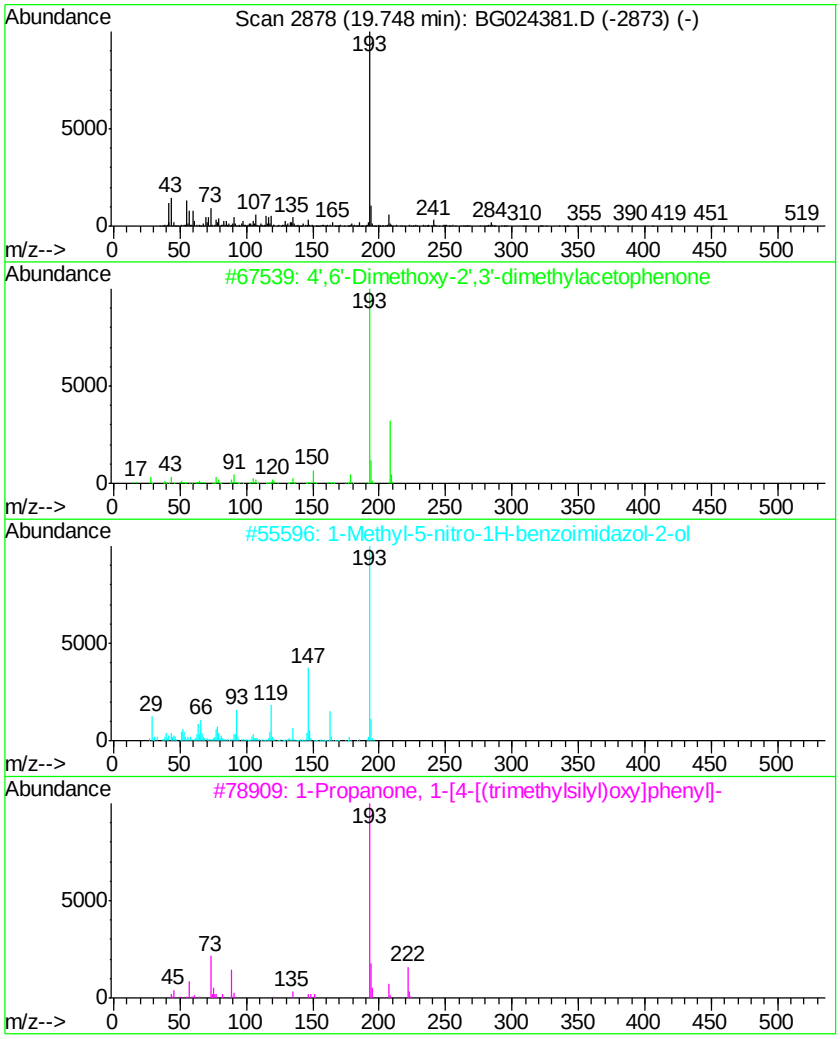
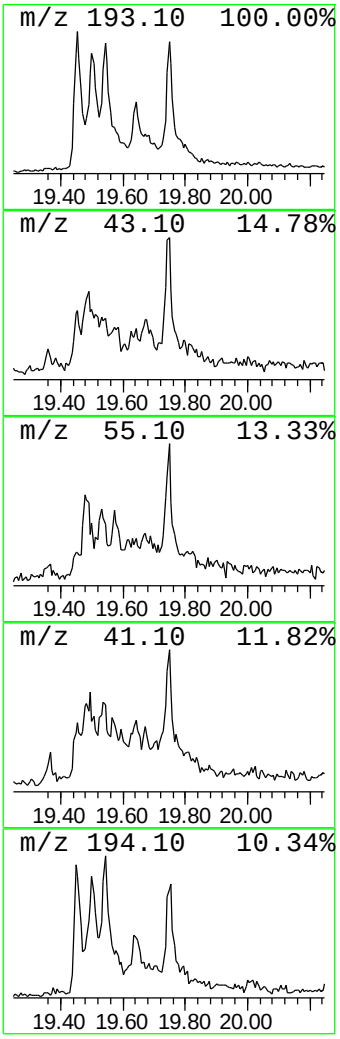
Peak Number 23 unknown-11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	9.42 ng/ul	1623840	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4',6'-Dimethoxy-2',3'-dimethylac...	208	C12H16O3	1000244-80-3	45
2	1-Methyl-5-nitro-1H-benzoimidazo...	193	C8H7N3O3	066108-85-8	45
3	1-Propanone, 1-[4-[(trimethylsil...	222	C12H18O2Si	033342-89-1	40
4	Adamantane, 1-acetyl-2,2-ethylen...	236	C14H20O3	1000210-57-1	39
5	Acetophenone, 2'-(trimethylsiloxy)-	208	C11H16O2Si	033342-85-7	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101716\
Data File : BG024381.D
Acq On : 17 Oct 2016 13:51
Operator : UM/SJ
Sample : H5239-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC748

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	16.60	2.8	ng/ul	484572	4	17.64	3449270	20.0
Phenol, m-tert-bu...	16.69	6.0	ng/ul	1041320	4	17.64	3449270	20.0
Acetamide, N-(3-m...	16.75	16.0	ng/ul	2758100	4	17.64	3449270	20.0
Hexestrol, O-hept...	16.82	9.8	ng/ul	1683680	4	17.64	3449270	20.0
unknown-02	16.86	4.5	ng/ul	785358	4	17.64	3449270	20.0
unknown-03	16.90	2.7	ng/ul	461872	4	17.64	3449270	20.0
Adamantan-1-ylami...	16.93	3.2	ng/ul	558503	4	17.64	3449270	20.0
1,3-Cyclohexadien...	17.02	6.1	ng/ul	1048120	4	17.64	3449270	20.0
Benzeneacetonitri...	17.08	5.3	ng/ul	910617	4	17.64	3449270	20.0
unknown-04	17.12	3.0	ng/ul	509018	4	17.64	3449270	20.0
1-(6-Methyl-2-pyr...	17.16	2.7	ng/ul	469576	4	17.64	3449270	20.0
unknown-05	17.19	2.1	ng/ul	355037	4	17.64	3449270	20.0
unknown-06	19.37	3.2	ng/ul	553432	4	17.64	3449270	20.0
Succinic acid, di...	19.45	5.8	ng/ul	994938	4	17.64	3449270	20.0
unknown-07	19.48	12.7	ng/ul	2184600	4	17.64	3449270	20.0
unknown-08	19.54	10.4	ng/ul	1794950	4	17.64	3449270	20.0
unknown-09	19.57	8.1	ng/ul	1403610	4	17.64	3449270	20.0
unknown-10	19.64	5.5	ng/ul	951062	4	17.64	3449270	20.0
Phenanthridinium,...	19.68	6.2	ng/ul	1069310	4	17.64	3449270	20.0
unknown-11	19.75	9.4	ng/ul	1623840	4	17.64	3449270	20.0