LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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	3.141	5	9	32	rVB	1343018	2110435	13.92%	1.245%
2	7.107	677	684	696	rBV	90434	166784	1.10%	0.098%
3	7.471	739	746	756	rBV	94186	170261	1.12%	0.100%
4	7.941	819	826	836	rVB	292758	480745	3.17%	0.284%
5	8.646	939	946	955	rBV	115289	204647	1.35%	0.121%
6	10.356	1229	1237	1249	rBV	122734	233628	1.54%	0.138%
7	10.732	1293	1301	1307	rBV	399025	725660	4.79%	0.428%
8	13.970	1843	1852	1857	rVV	269624	451325	2.98%	0.266%
9	14.258	1893	1901	1905	rBV	298465	527566	3.48%	0.311%
10	14.287	1905	1906	1919	rVB	132304	193844	1.28%	0.114%
11	14.569	1943	1954	1959	rVV	656731	1096121	7.23%	0.647%
12	14.628	1959	1964	1971	rVV	241871	378968	2.50%	0.224%
13	14.769	1981	1988	1997	rBV2	76080	166828	1.10%	0.098%
14	14.963	2015	2021	2029	rVV	285123	466746	3.08%	0.275%
15	15.556	2114	2122	2127	rVV	418604	653014	4.31%	0.385%
16	15.615	2127	2132	2139	rVV	358730	553761	3.65%	0.327%
17	15.909	2177	2182	2192	rVB	205348	329325	2.17%	0.194%
18	16.055	2201	2207	2215	rVB	208556	431752	2.85%	0.255%
19	16.279	2238	2245	2253	rBV6	74820	176974	1.17%	0.104%
20	16.849	2333	2342	2345	rBV3	155662	291197	1.92%	0.172%
21	16.966	2356	2362	2370	rVB	657404	1053073	6.94%	0.621%
22	17.048	2370	2376	2385	rBV4	161982	480089	3.17%	0.283%
23	17.131	2385	2390	2400	rVB	408513	669996	4.42%	0.395%
24	17.313	2415	2421	2424	rBV	775679	1301192	8.58%	0.768%
25	17.360	2424	2429	2434	rVV	5582014	9602040	63.32%	5.665%
26	17.413	2434	2438	2440	rVV	533527	770194	5.08%	0.454%
27	17.442	2440	2443	2449	rVB	1005427	1448895	9.55%	0.855%
28	17.501	2449	2453	2459	rVB2	170652	264724	1.75%	0.156%
29	17.706	2479	2488	2493	rBV2	741089	1367395	9.02%	0.807%
30	17.830	2505	2509	2514	rVV2	168314	218916	1.44%	0.129%
31	17.894	2515	2520	2529	rVB3	262915	453963	2.99%	0.268%
32	18.030	2540	2543	2552	rVB2	99778	171078	1.13%	0.101%
33	18.188	2560	2570	2574	rBV	1133059	1843176	12.15%	1.087%
34	18.235	2574	2578	2586	rVB	1516816	2321320	15.31%	1.370%

LSC Area Percent Report

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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

35	18.317	2586	2592	2596	rBV	370882	567453	3.74%	0.335%
36	18.382	2596	2603	2607	rBV2	1269590	2542154	16.76%	1.500%
37	18.417	2607	2609	2616	rVB	756173	928945	6.13%	0.548%
38	18.494	2616	2622	2624	rBV3	99456	206366	1.36%	0.122%
39	18.529	2625	2628	2632	rVB2	120606	171984	1.13%	0.101%
40	18.688	2649	2655	2658	rBV	985620	1459035	9.62%	0.861%
41	18.723	2658	2661	2667	rVB	1107404	1567716	10.34%	0.925%
42	18.811	2672	2676	2682	rBV2	104093	166892	1.10%	0.098%
43	18.929	2692	2696	2701	rVB2	275700	350771	2.31%	0.207%
44	18.981	2701	2705	2708	rVB	283071	335758	2.21%	0.198%
45	19.023	2708	2712	2716	rVB	293958	414240	2.73%	0.244%
46	19.105	2719	2726	2730	rBV2	736002	1266530	8.35%	0.747%
47	19.164	2730	2736	2739	rVV3	281937	549570	3.62%	0.324%
48	19.193	2739	2741	2745	rVB2	232625	271702	1.79%	0.160%
49	19.246	2745	2750	2757	rVB	844687	1370390	9.04%	0.809%
50	19.375	2764	2772	2778	rBV	7746279	14083564	92.87%	8.309%
51	19.428	2778	2781	2784	rBV	224724	313846	2.07%	0.185%
52	19.463	2784	2787	2792	rVB2	345791	463013	3.05%	0.273%
53	19.563	2799	2804	2807	rBV2	323991	541298	3.57%	0.319%
54	19.604	2807	2811	2815	rVB	387558	528376	3.48%	0.312%
55	19.645	2815	2818	2822	rVB3	122142	167633	1.11%	0.099%
56	19.739	2822	2834	2839	rBV3	6537011	15164902	100.00%	8.947%
57	19.798	2839	2844	2850	rVB2	604890	1022792	6.74%	0.603%
58	19.904	2851	2862	2867	rBV	804299	1411327	9.31%	0.833%
59	19.963	2867	2872	2877	rVB	584604	920535	6.07%	0.543%
60	20.045	2880	2886	2893	rBV3	845468	2329019	15.36%	1.374%
61	20.180	2904	2909	2911	rVV4	560181	861557	5.68%	0.508%
62	20.215	2912	2915	2920	rVB	1005152	1378639	9.09%	0.813%
63	20.315	2928	2932	2935	rBV	321522	420060	2.77%	0.248%
64	20.374	2935	2942	2946	rBV2	1094635	1848348	12.19%	1.090%
65	20.415	2946	2949	2952	rVB	274119	319575	2.11%	0.189%
66	20.456	2952	2956	2961	rVB2	245892	325455	2.15%	0.192%
67	20.515	2962	2966	2969	rBV	564294	733846	4.84%	0.433%
68	20.562	2969	2974	2978	rVB2	594144	775648	5.11%	0.458%
69	20.768	3005	3009	3012	rBV2	241305	362167	2.39%	0.214%
70	20.809	3012	3016	3019	rVV3	177874	286306	1.89%	0.169%
71	20.973	3039	3044	3050	rVB	1821691	2666342	17.58%	1.573%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Title : SVOA CALIBRATION

72	21.144	3067	3073	3078	rBV2	1218617	2522647	16.63%	1.488%
73	21.191	3078	3081	3085	rVV	1015511	1466820	9.67%	0.865%
74	21.243	3085	3090	3094	rVV2	995401	1889707	12.46%	1.115%
75	21.302	3094	3100	3109	rVB2	1556673	2779310	18.33%	1.640%
76	21.420	3113	3120	3130	rBV2	343380	906047	5.97%	0.535%
77	21.555	3131	3143	3148	rBV3	5128254	11663894	76.91%	6.881%
78	21.619	3148	3154	3164	rVB	4598382	9082871	59.89%	5.359%
79	21.708	3166	3169	3173	rVB2	143703	197783	1.30%	0.117%
80	21.760	3173	3178	3183	rBV	470858	860118	5.67%	0.507%
81	21.819	3184	3188	3193	rBV4	202917	491306	3.24%	0.290%
82	21.954	3205	3211	3218	rBV	738401	1423565	9.39%	0.840%
83	22.019	3218	3222	3227	rVV4	242222	413895	2.73%	0.244%
84	22.201	3249	3253	3257	rVB	157818	223569	1.47%	0.132%
85	22.272	3257	3265	3271	rVV	896828	1815609	11.97%	1.071%
86	22.348	3272	3278	3285	rVB2	604518	1183970	7.81%	0.699%
87	22.536	3305	3310	3314	rBV	404444	760497	5.01%	0.449%
88	22.677	3327	3334	3346	rVB3	339063	876079	5.78%	0.517%
89	22.912	3370	3374	3381	rBV2	158207	327438	2.16%	0.193%
90	23.317	3437	3443	3462	rVB3	347761	1387005	9.15%	0.818%
91	23.711	3498	3510	3516	rBV2	3293313	10937351	72.12%	6.453%
92	23.940	3543	3549	3557	rVB	578802	1280213	8.44%	0.755%
93	24.140	3576	3583	3587	rBV2	261408	693566	4.57%	0.409%
94	24.393	3618	3626	3636	rBV	1561066	4293818	28.31%	2.533%
95	24.545	3642	3652	3663	rVB	2481152	6986537	46.07%	4.122%
96	24.681	3666	3675	3680	rVV2	599962	1750942	11.55%	1.033%
97	24.751	3681	3687	3702	rVB3	709632	2494183	16.45%	1.472%
98	25.815	3861	3868	3875	rVB6	122216	353356	2.33%	0.208%
99	28.223	4262	4278	4297	rVB3	1154667	6001604	39.58%	3.541%
100	29.310	4450	4463	4487	rVB	713143	3564379	23.50%	2.103%

Sum of corrected areas: 169497465

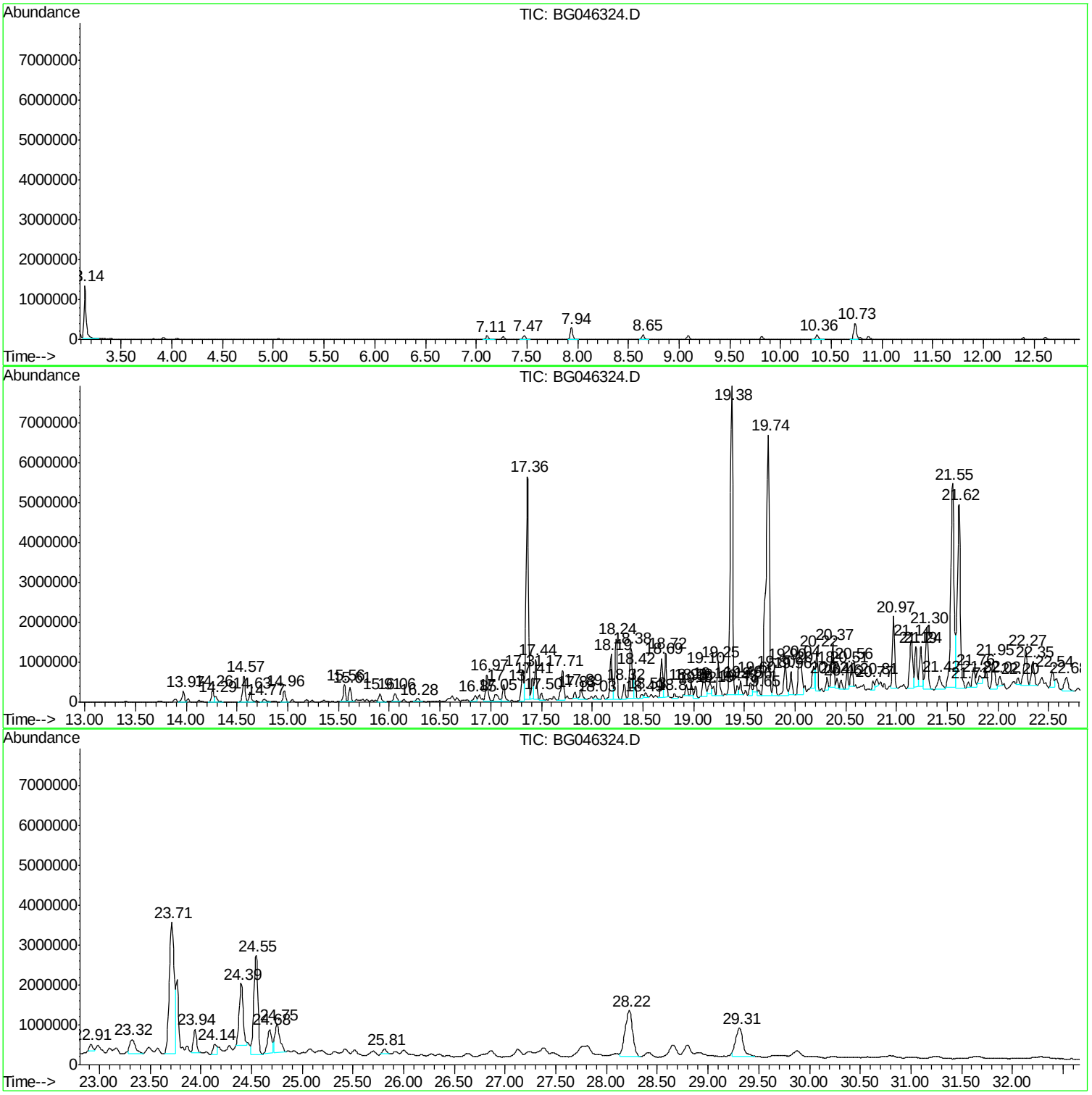
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
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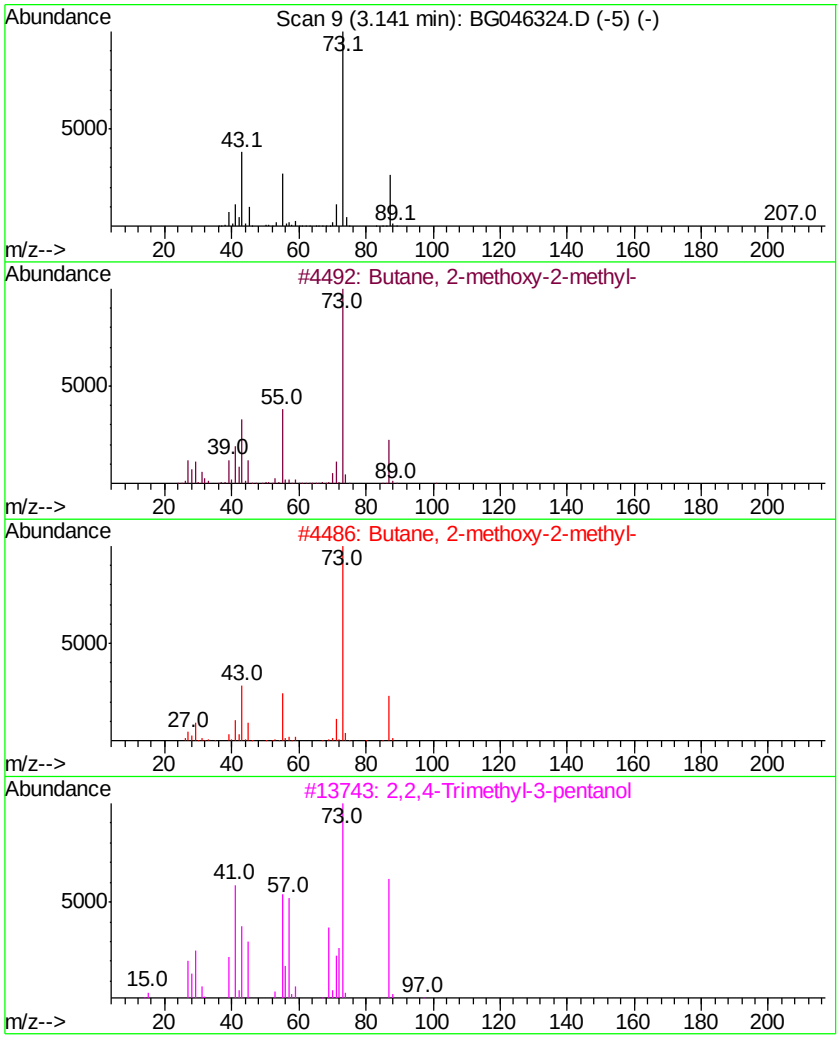
Quant Title : SVOA CALIBRATION

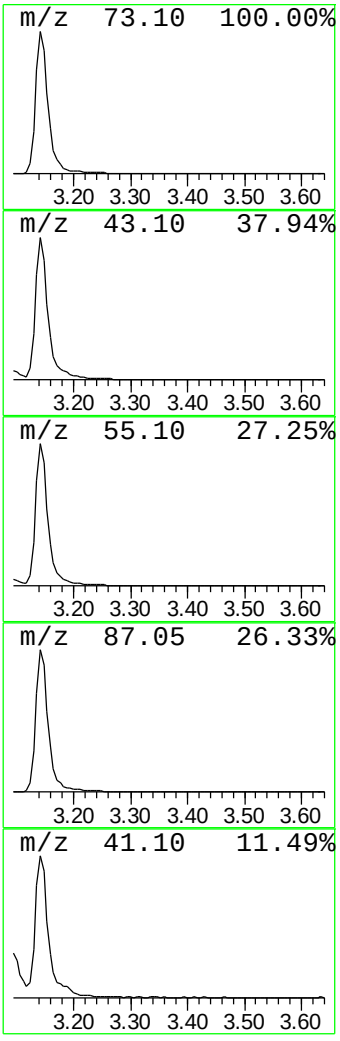
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	87.80 ng/ul	2110440	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

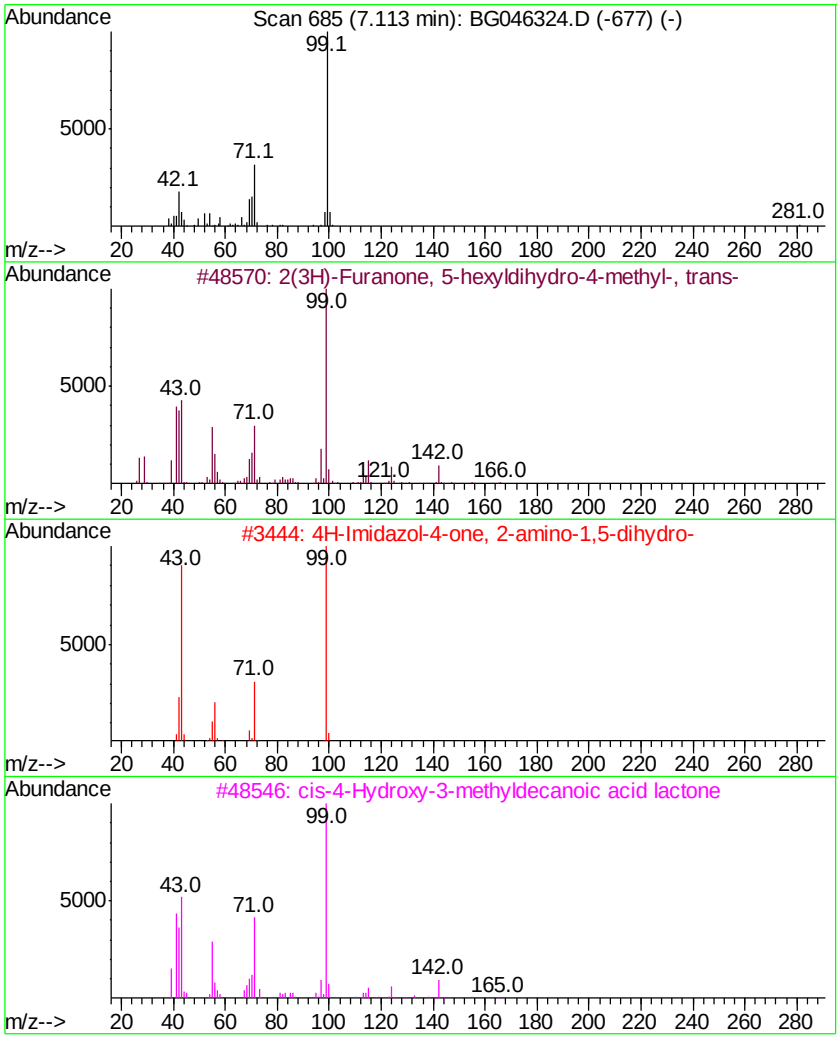
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

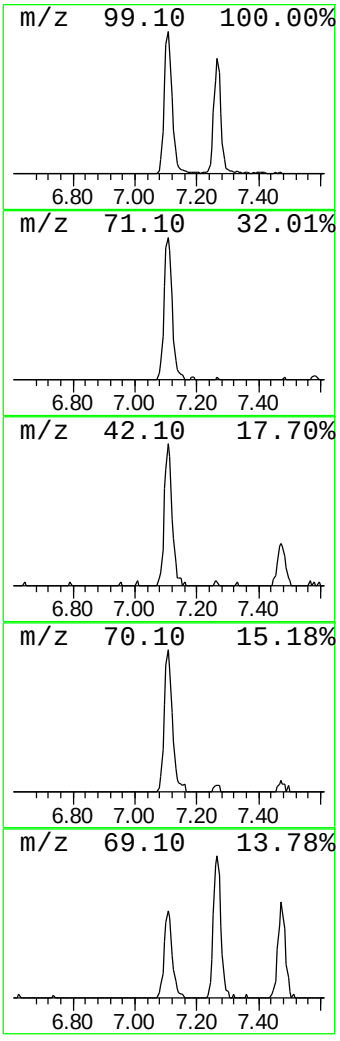
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	6.94 ng/ul	166784	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	64
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
3	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	64
4	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	121644-12-0	64
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

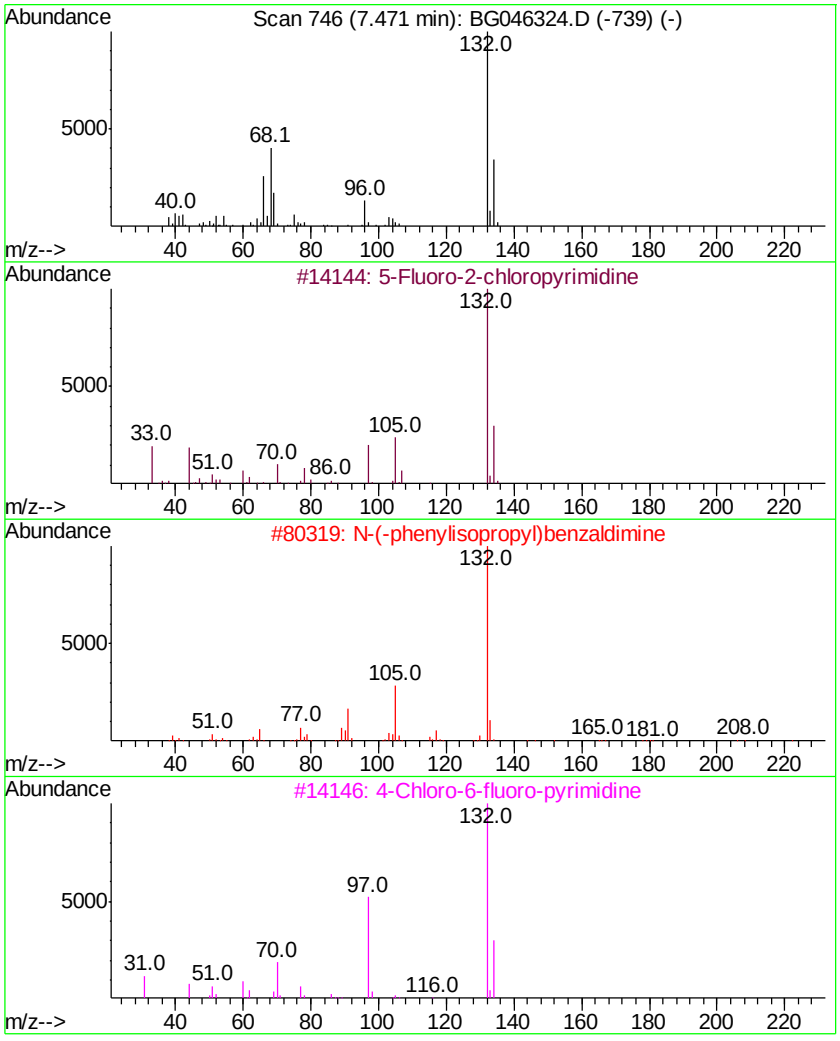
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

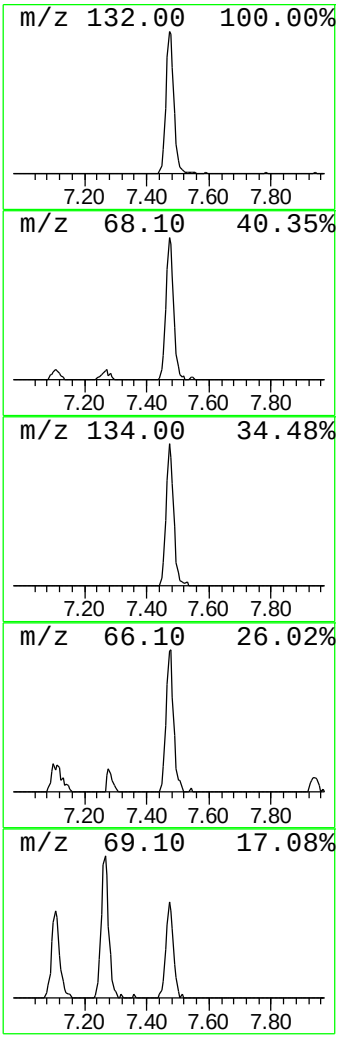
****

Peak Number 3 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	7.08 ng/ul	170261	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

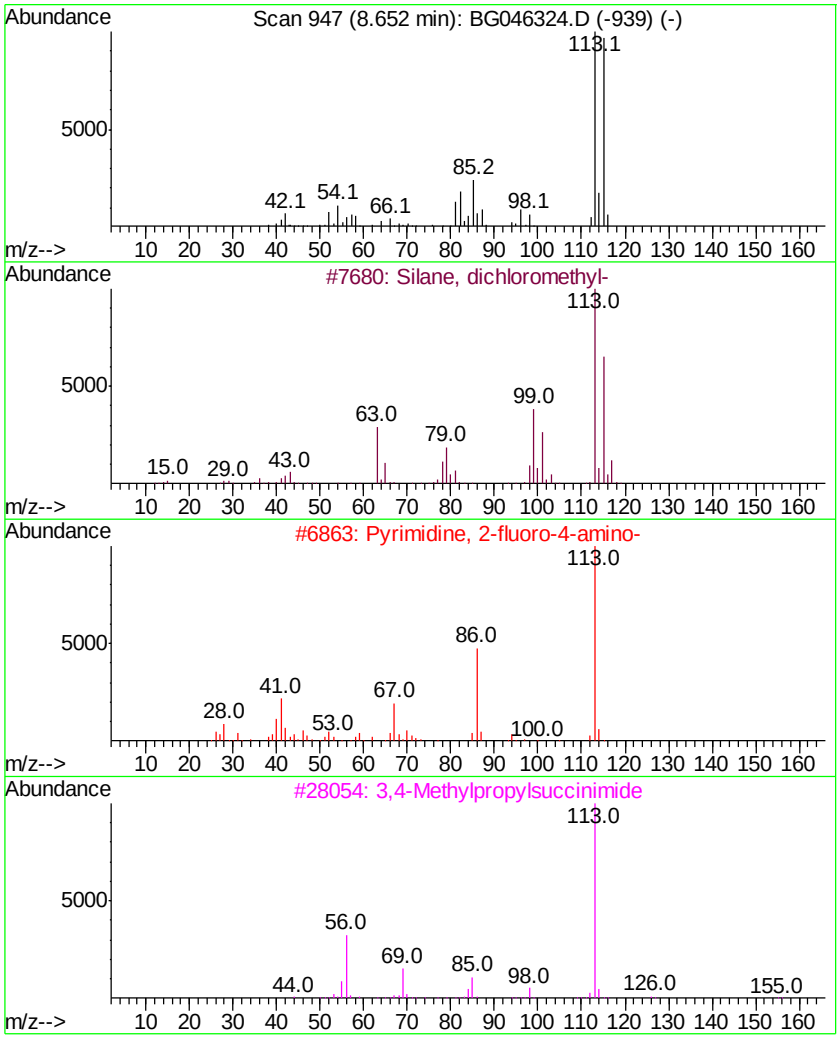
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

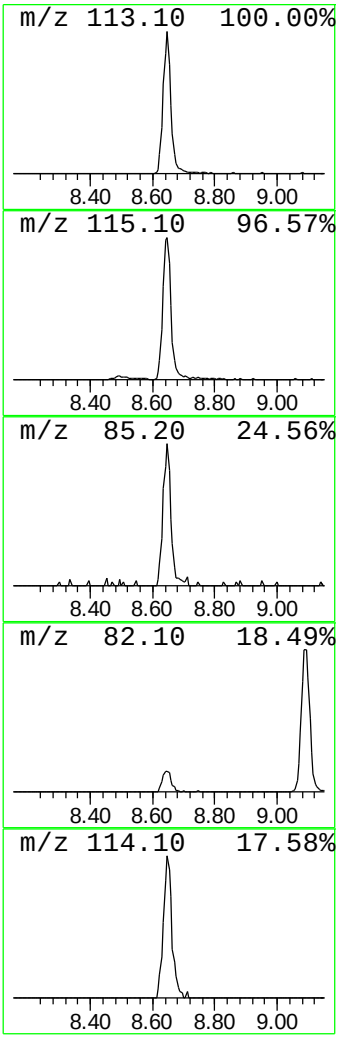
****

Peak Number 4 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.51 ng/ul	204647	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	39
2	Pyrimidine, 2-fluoro-4-amino-	113	C4H4FN3	096548-91-3	25
3	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25
4	Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	25
5	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25





Library Search Compound Report

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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

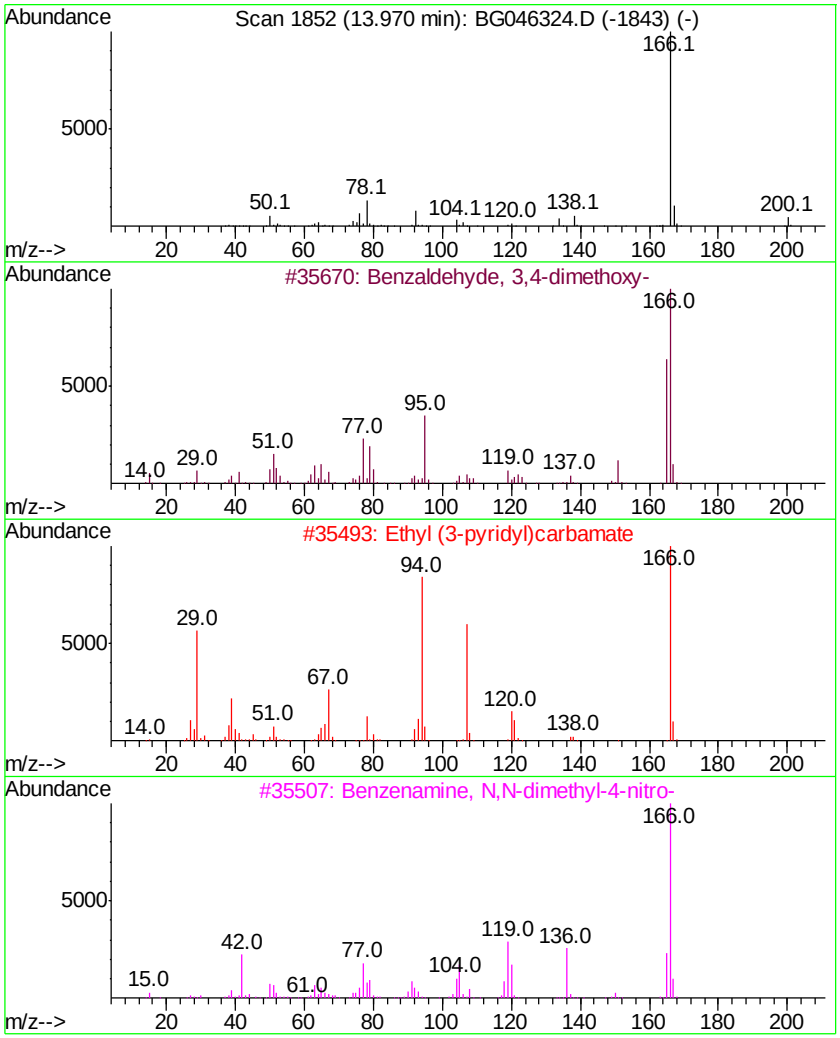
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

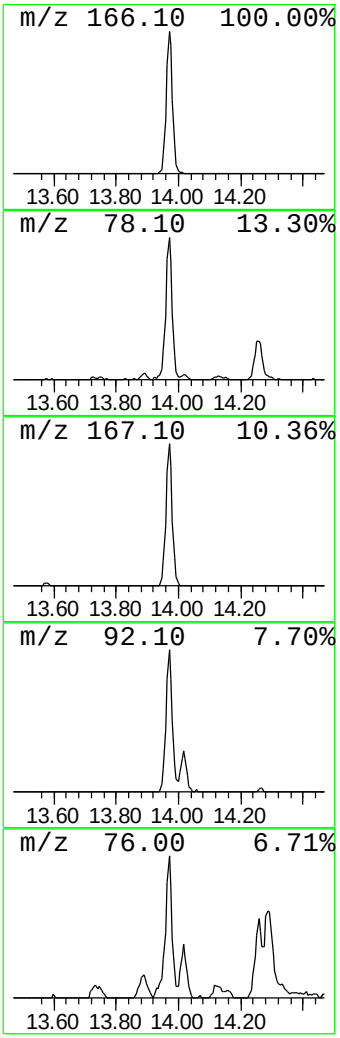
****

Peak Number 5 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.23 ng/ul	451325	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
5	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36





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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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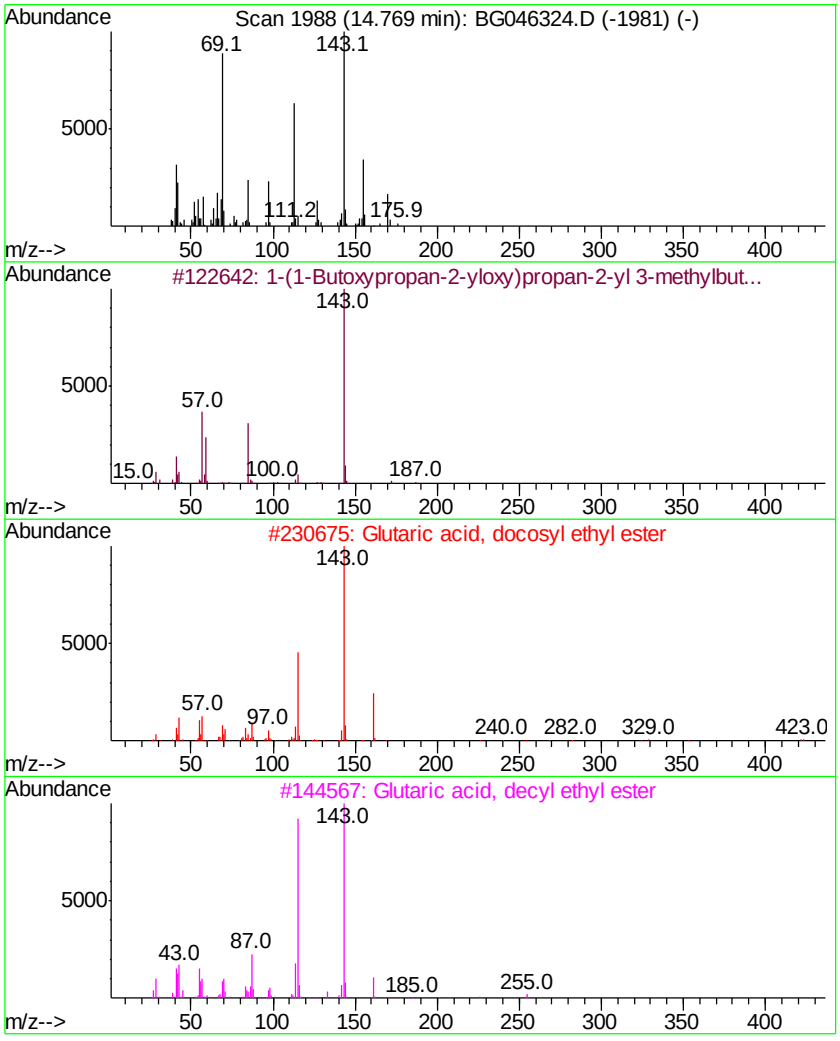
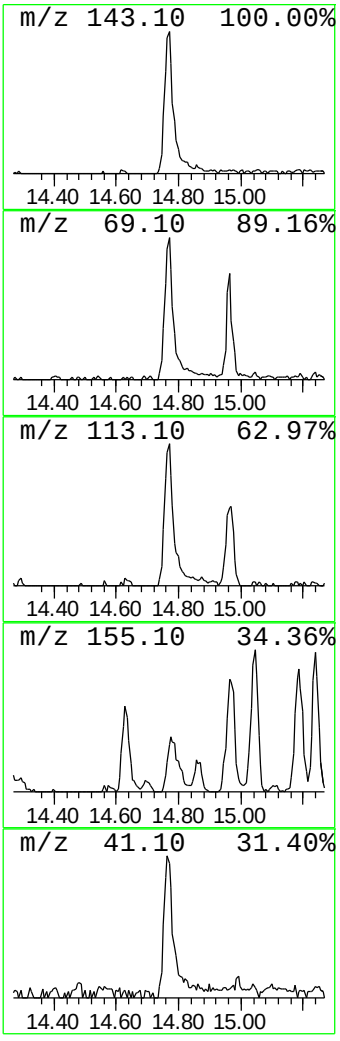
Peak Number 6 unknown-04 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.04 ng/ul	166828	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	22
2	Glutaric acid, docosyl ethyl ester	468	C29H56O4	1000359-69-6	14
3	Glutaric acid, decyl ethyl ester	300	C17H32O4	1000358-26-7	14
4	Glutaric acid, ethyl 4-methylhep...	272	C15H28O4	1000377-14-9	14
5	2-Naphthalenamine	143	C10H9N	000091-59-8	14





Library Search Compound Report

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Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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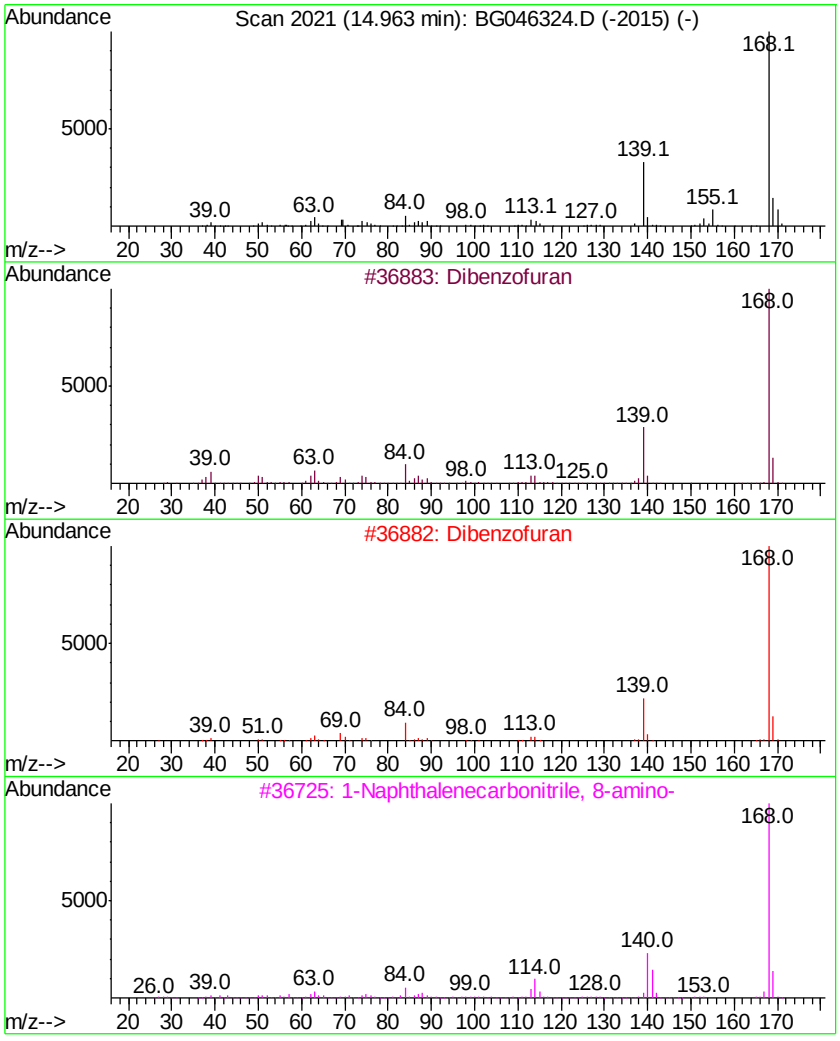
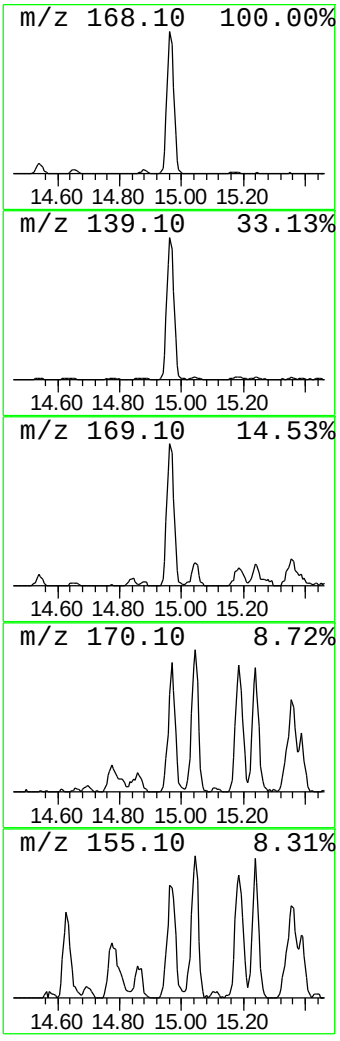
Peak Number 7 Dibenzofuran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	8.52 ng/ul	466746	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	87
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	58
4	Thiazolo[3,2-c]pyrimidin-4-ium, ...	168	C7H8N2OS	024614-07-1	53
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	53





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Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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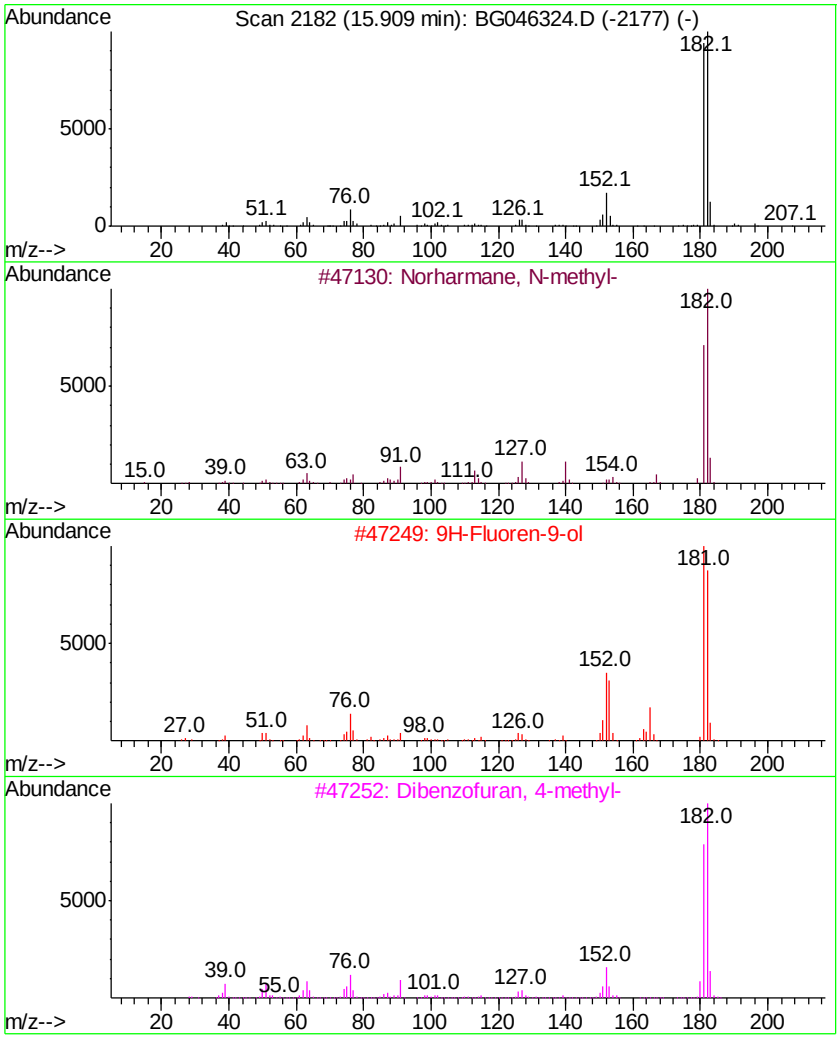
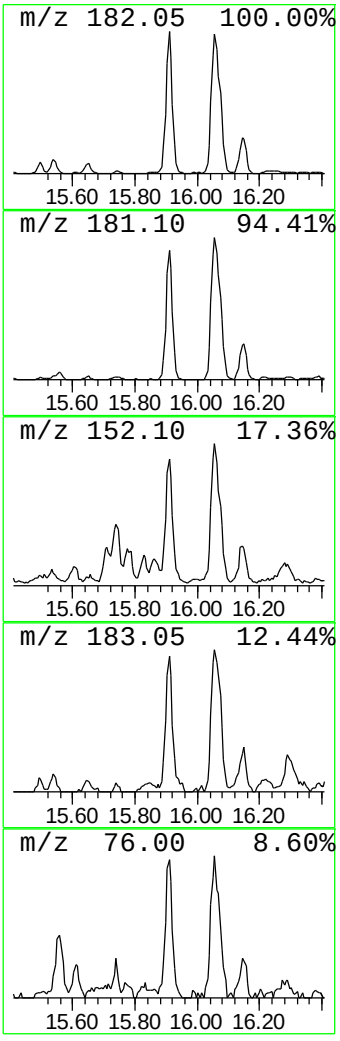
Peak Number 8 Norharmane, N-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.01 ng/ul	329325	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	80
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64





Library Search Compound Report

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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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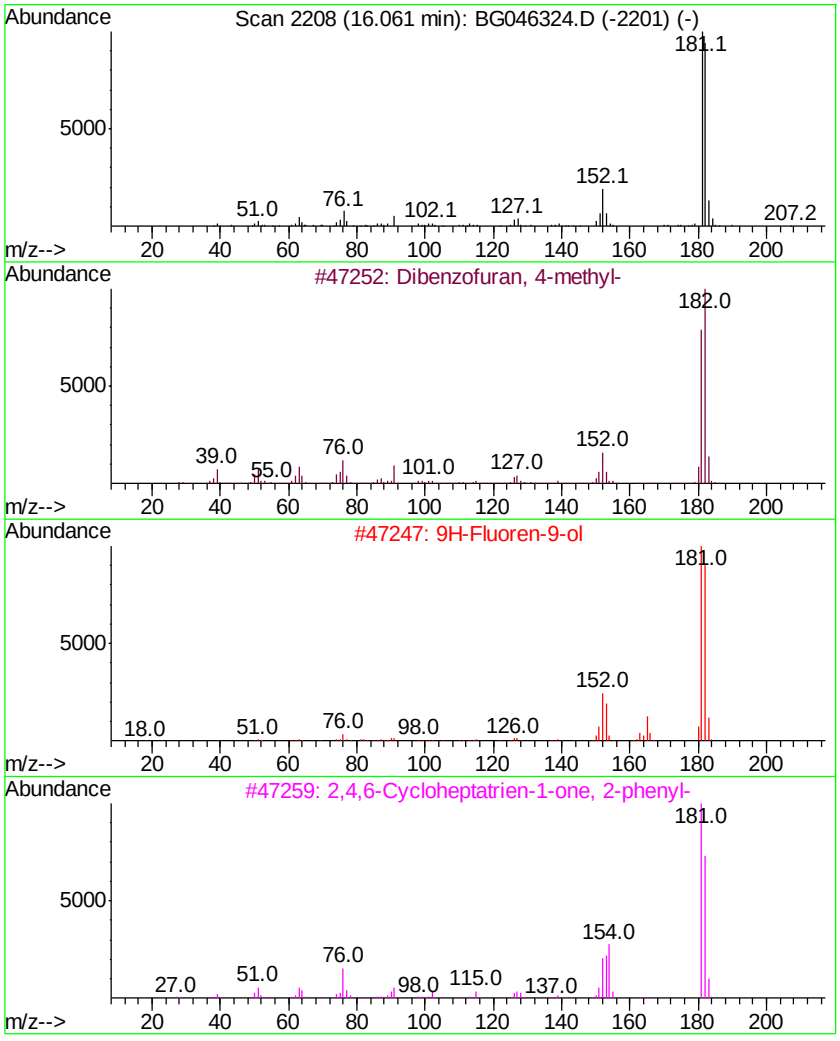
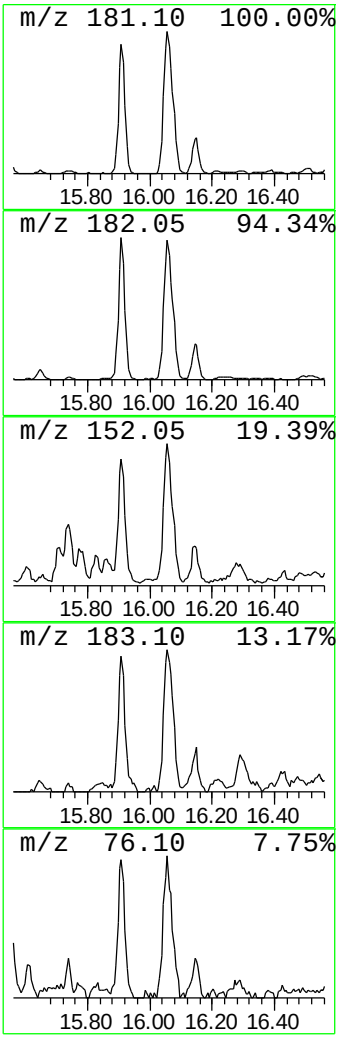
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	6.64 ng/ul	431752	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Library Search Compound Report

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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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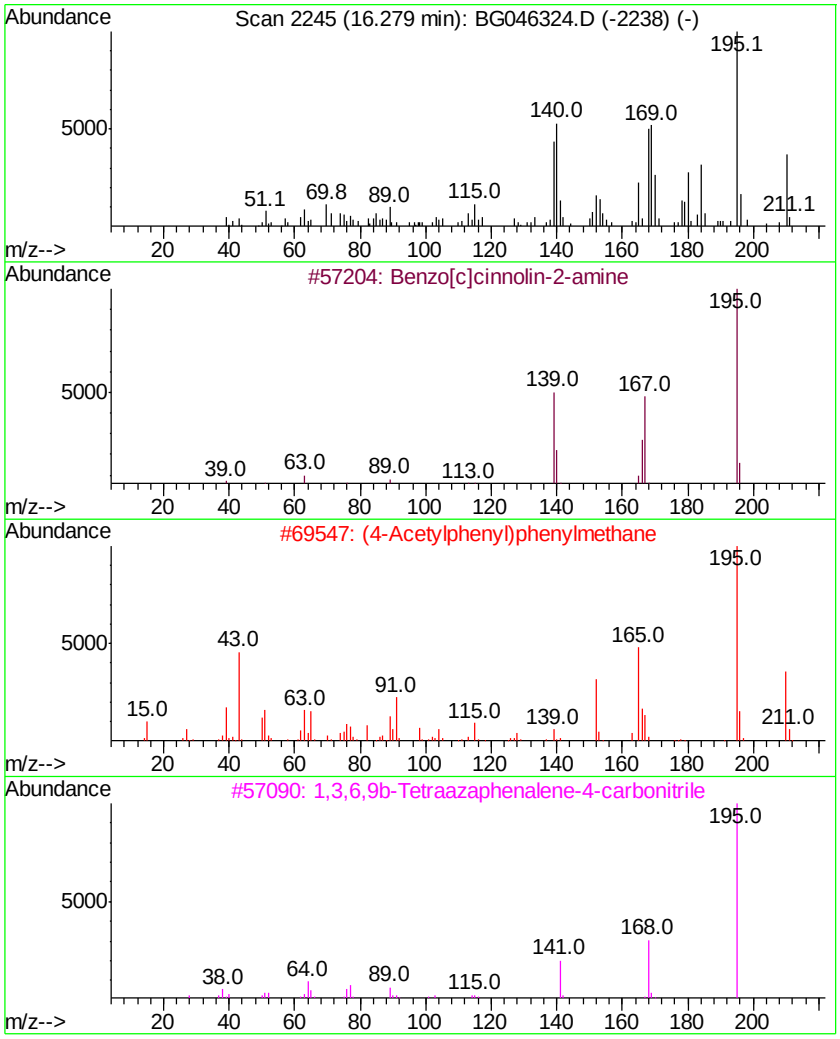
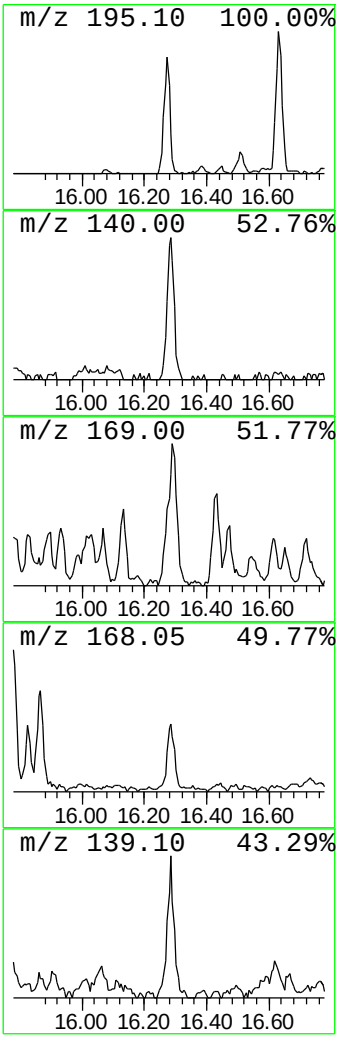
Peak Number 10 unknown-05 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.72 ng/ul	176974	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	38
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	30
3	1,3,6,9b-Tetraazaphenalene-4-car...	195	C10H5N5	037550-64-4	25
4	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	25
5	Dibenz[b,f][1,4]oxazepine	195	C13H9NO	000257-07-8	22





Library Search Compound Report

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Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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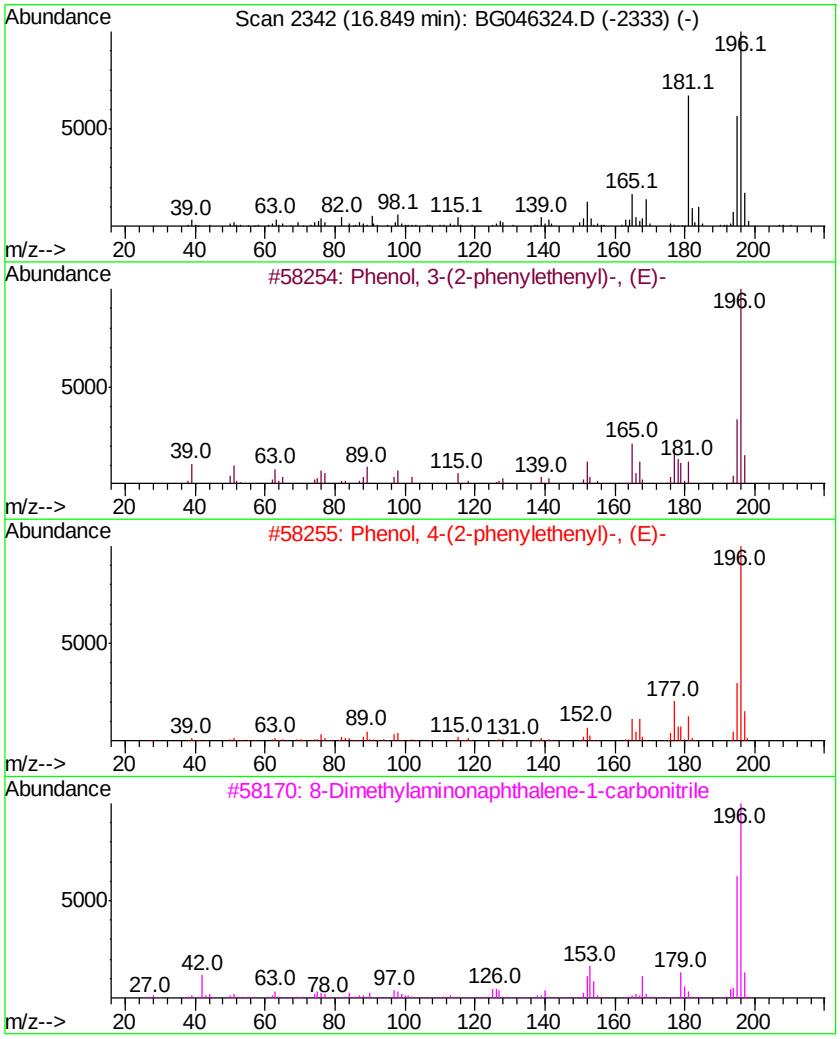
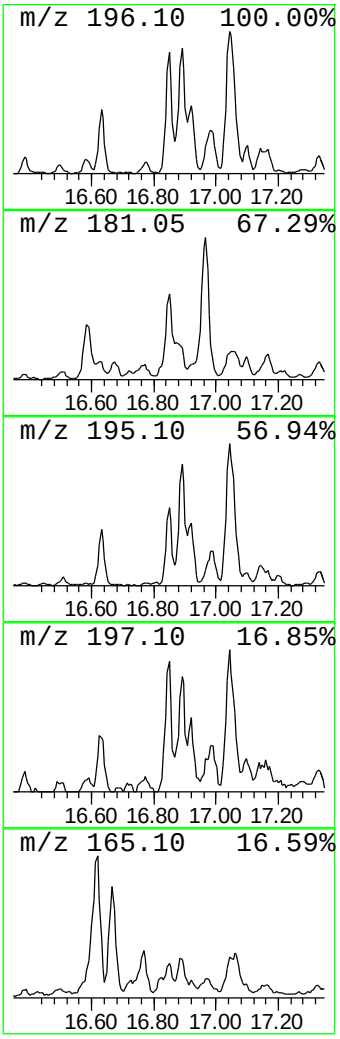
Peak Number 11 Phenol, 3-(2-phenylethenyl)... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.48 ng/ul	291197	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	52
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	47





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Sample : L3636-08
Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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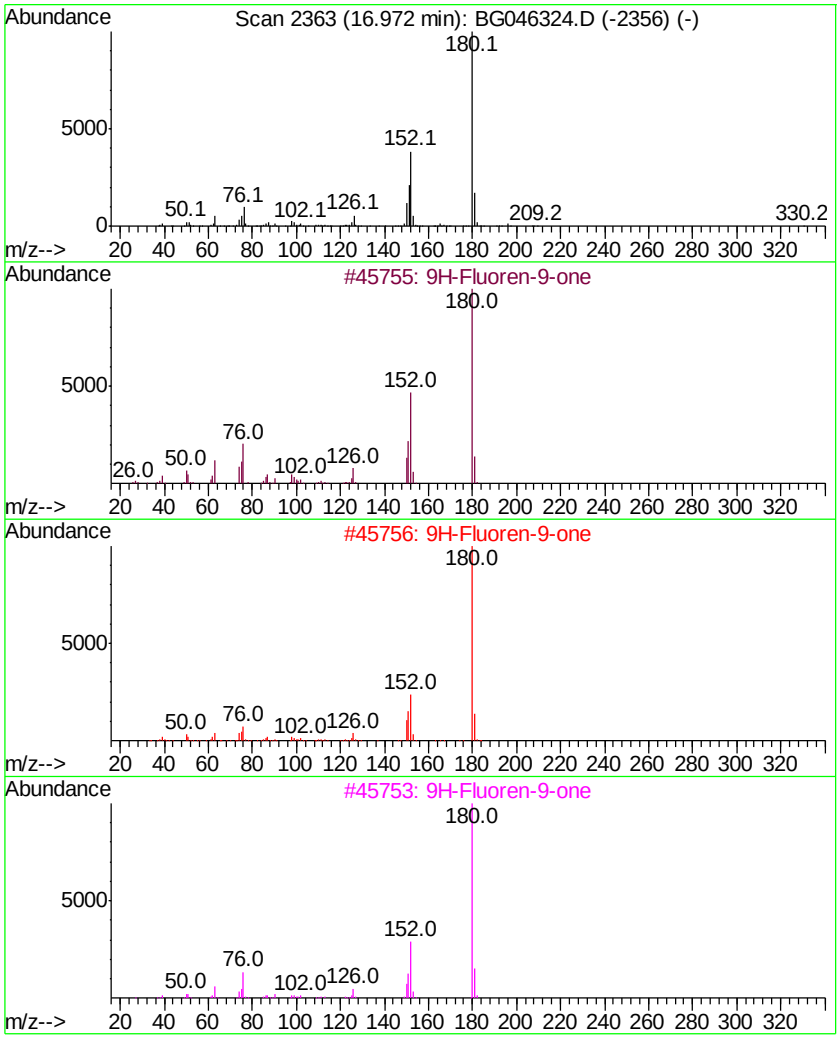
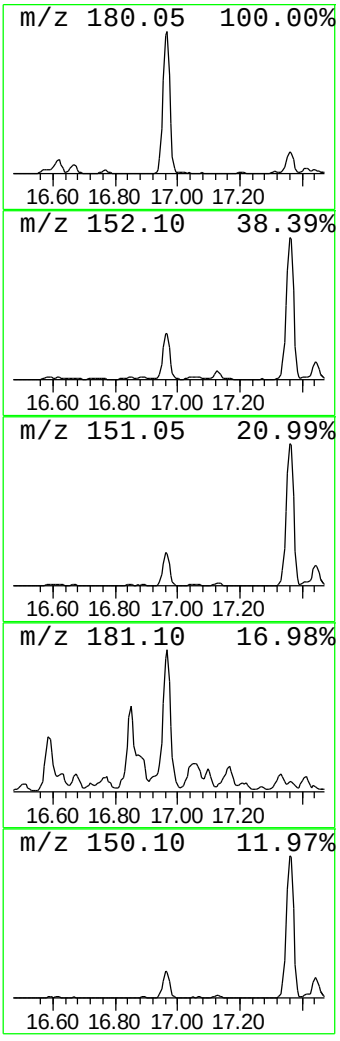
Peak Number 12 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	16.19 ng/ul	1053070	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





Library Search Compound Report

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Sample : L3636-08
Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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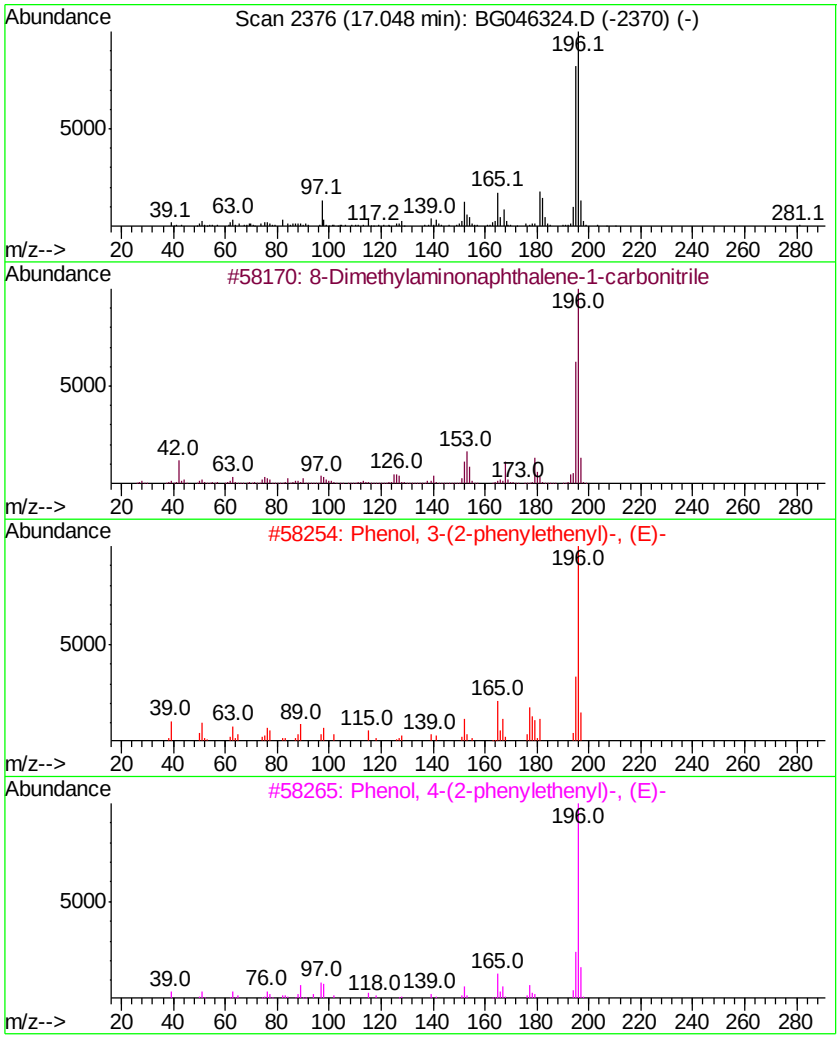
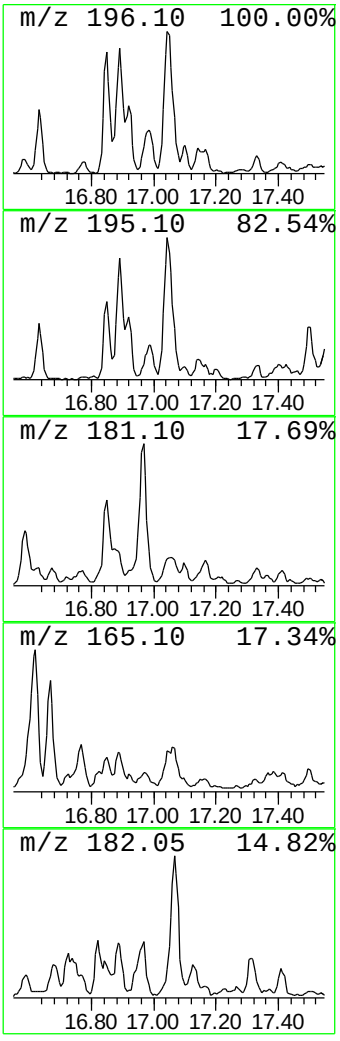
Peak Number 13 8-Dimethylaminonaphthalene-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	7.38 ng/ul	480089	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	60
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	52





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Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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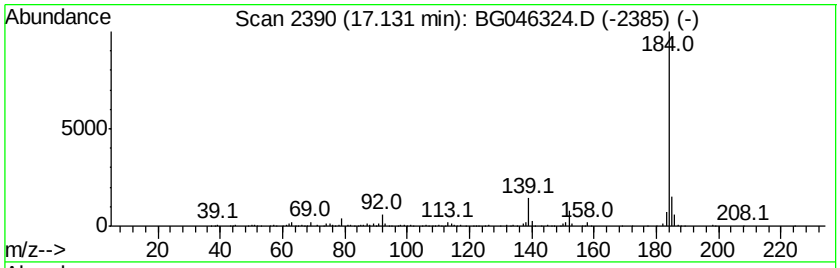
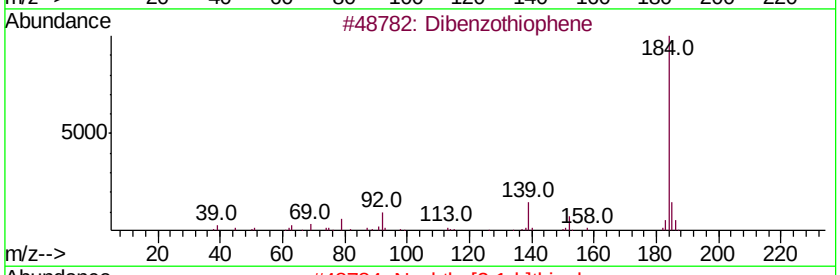
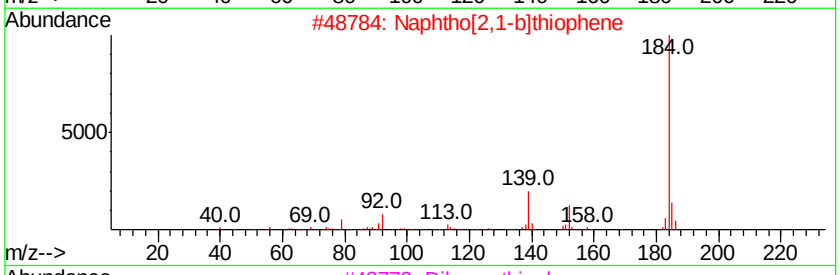
Peak Number 14 Dibenzothiophene Concentration Rank 16

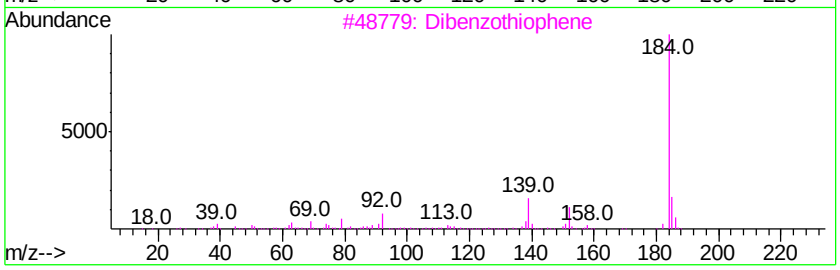
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	10.30 ng/ul	669996	Phenanthrene-d10	17.31

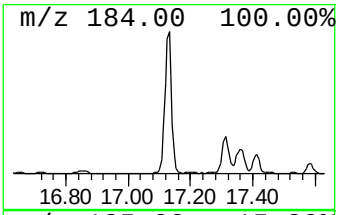
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91

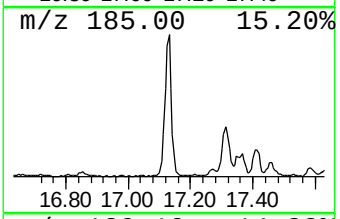


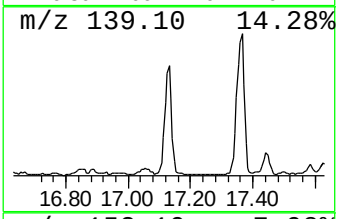


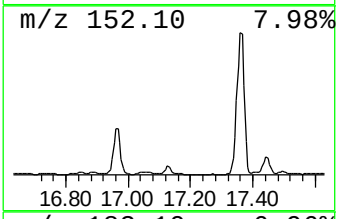


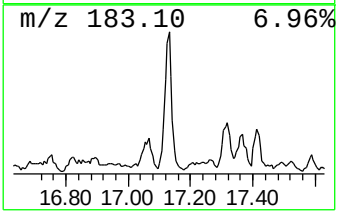












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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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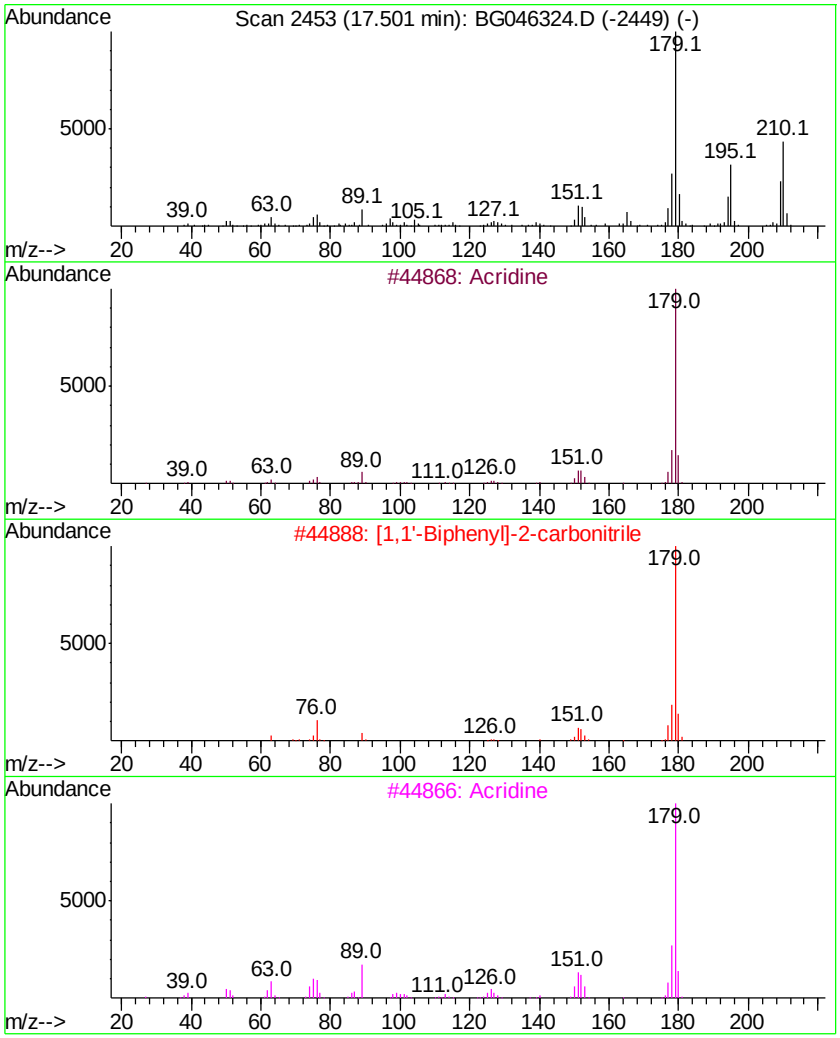
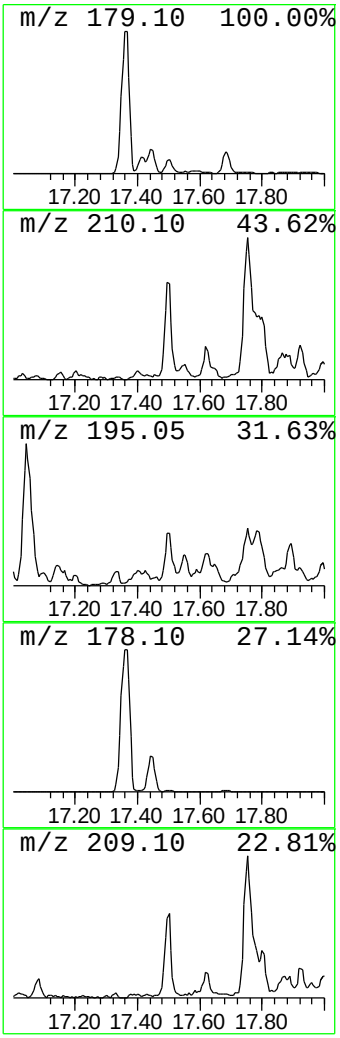
Peak Number 15 Acridine Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.07 ng/ul	264724	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	87
2	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	78
3	Acridine	179	C13H9N	000260-94-6	60
4	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	60
5	Benzo[g]quinoline	179	C13H9N	000260-36-6	55





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Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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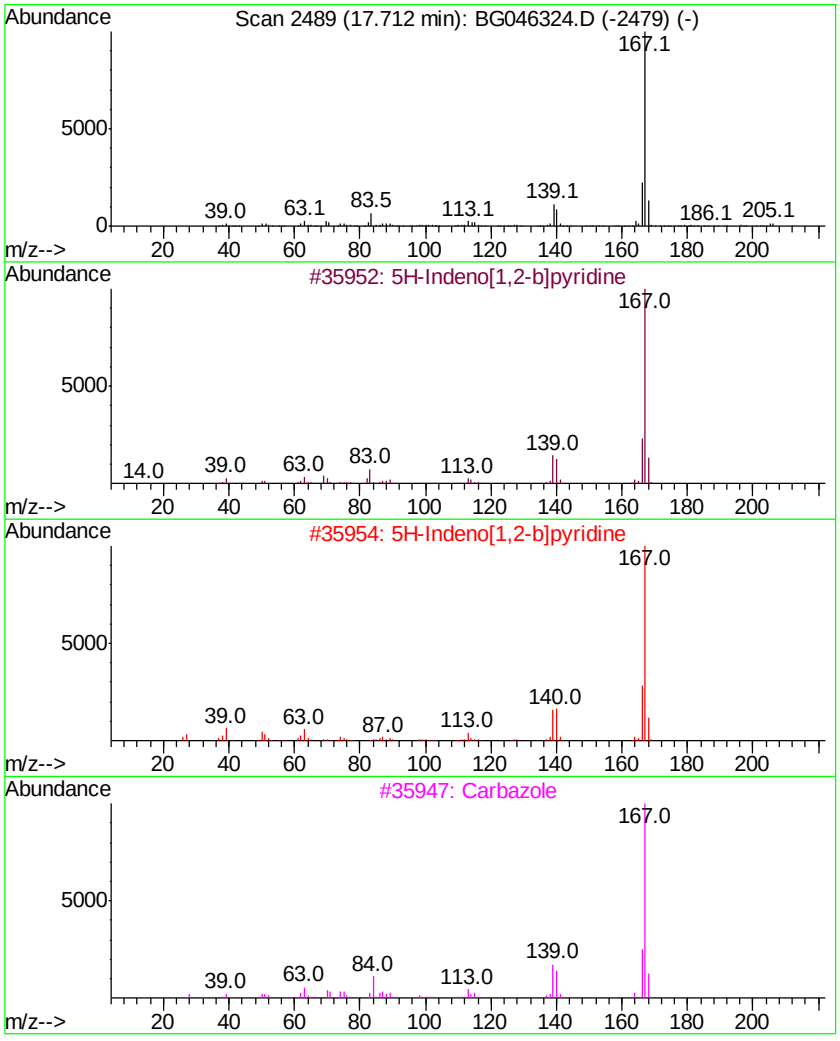
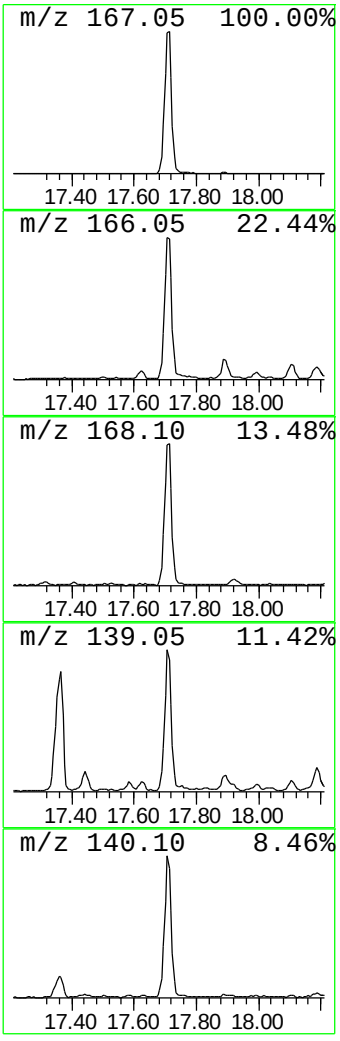
Peak Number 16 5H-Indeno[1,2-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	21.02 ng/ul	1367400	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
3	Carbazole	167	C12H9N	000086-74-8	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	83





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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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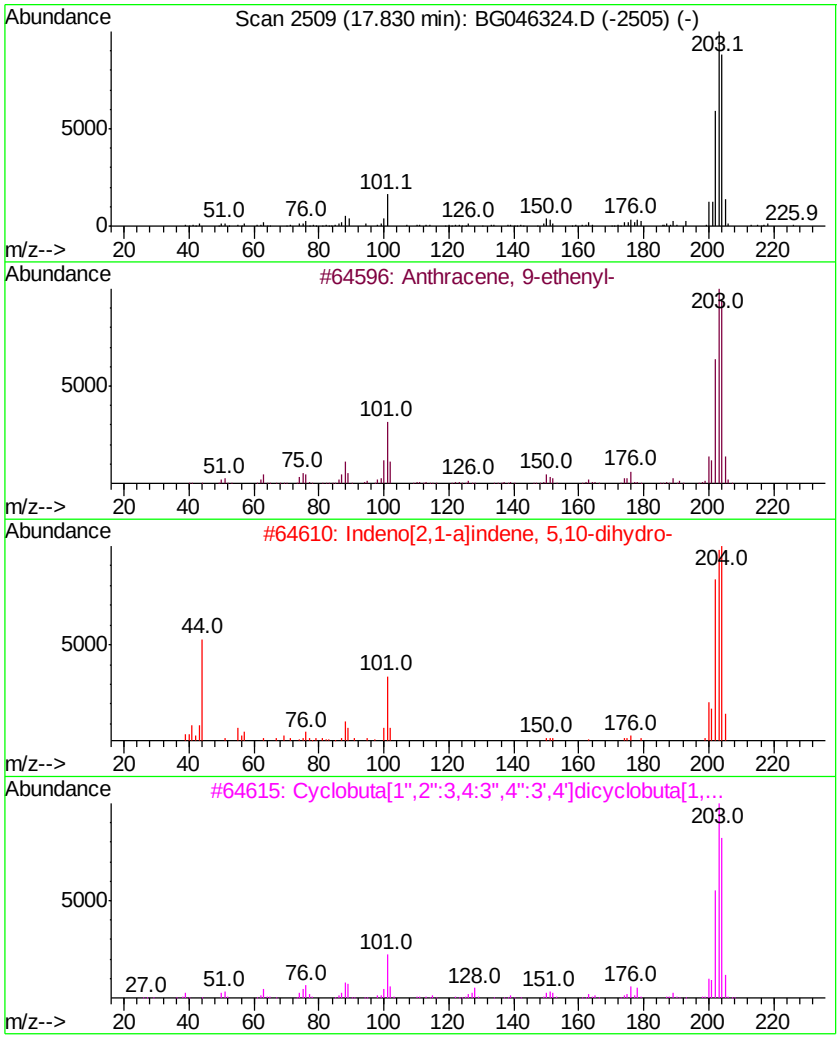
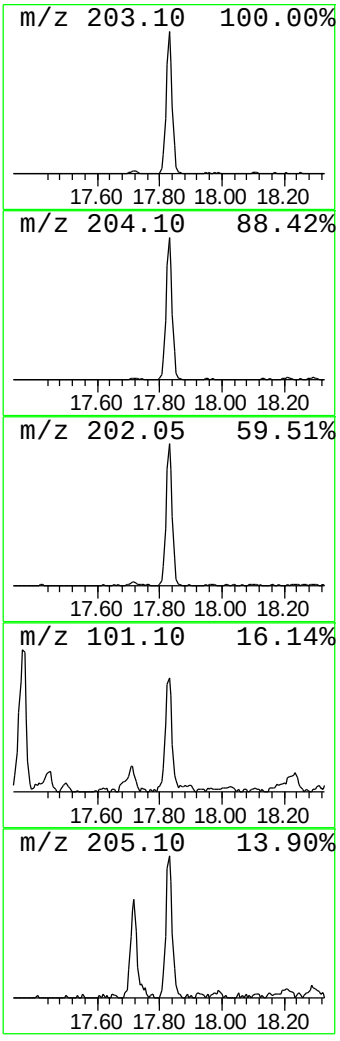
Peak Number 17 Anthracene, 9-ethenyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.36 ng/ul	218916	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	89
3	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	81
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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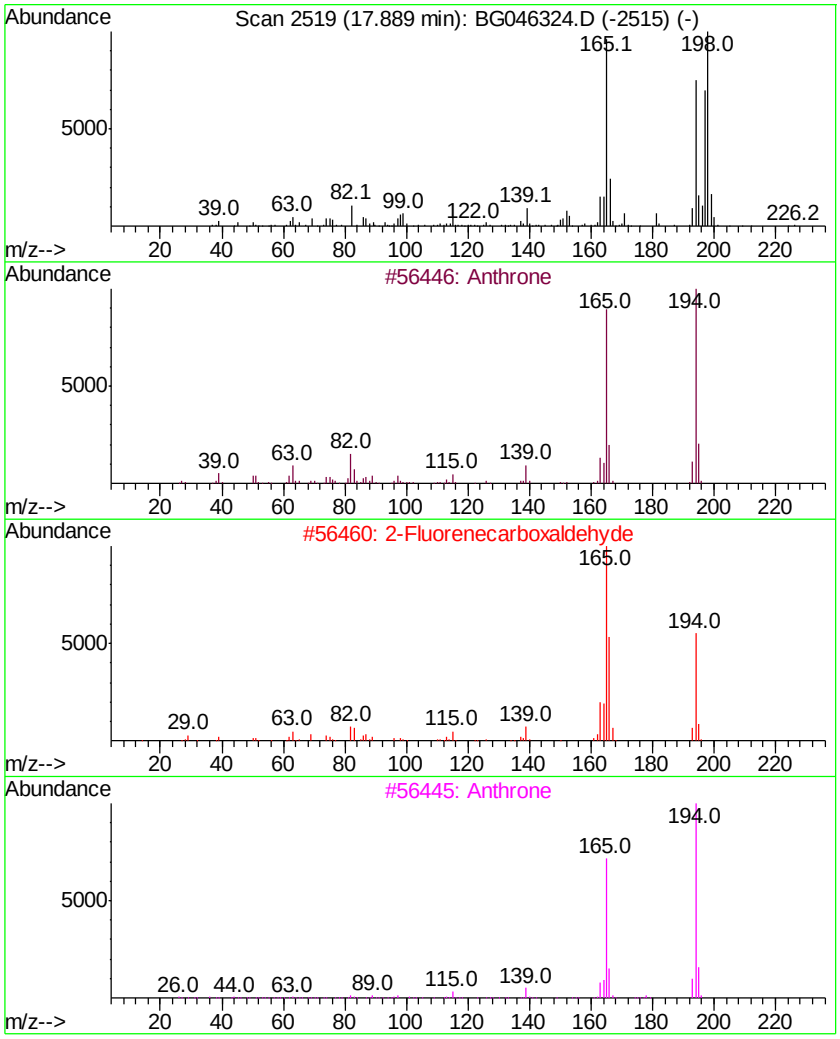
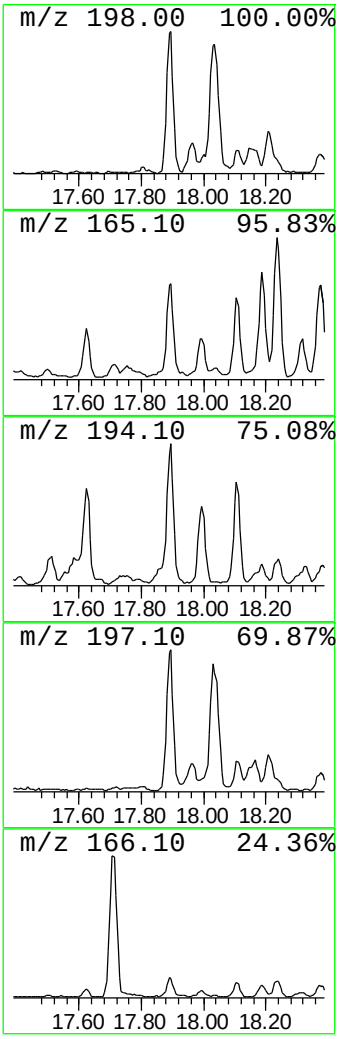
Peak Number 18 Anthrone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	6.98 ng/ul	453963	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	78
2	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	64
3	Anthrone	194	C14H10O	000090-44-8	60
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	53
5	2,9b-Dihydrofurano[4,3,2-jk]fluo...	194	C14H10O	204396-15-6	50





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Quant Title : SVOA CALIBRATION

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

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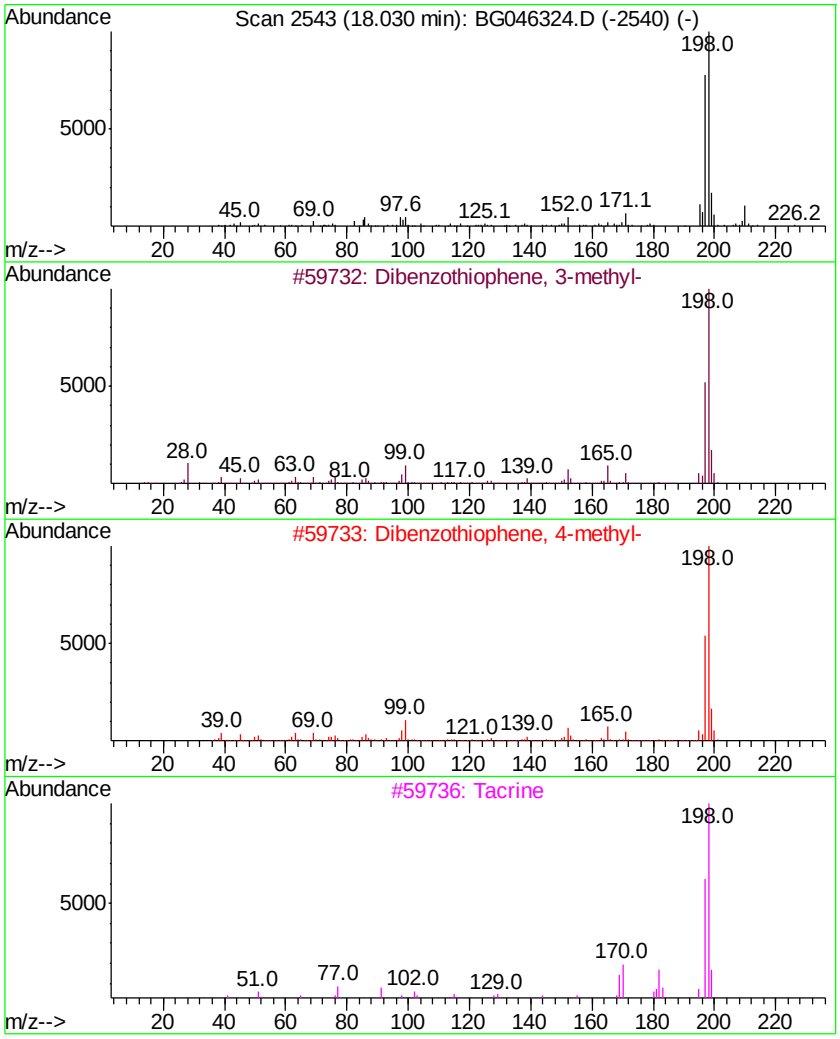
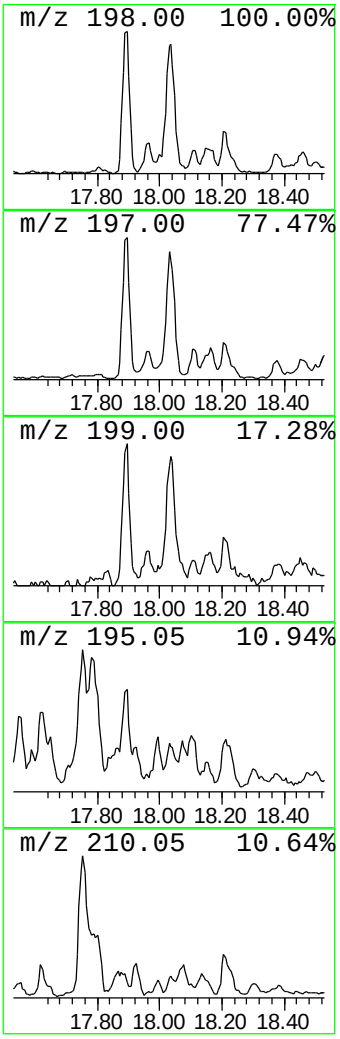
Peak Number 19 Dibenzothiophene, 3-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.63 ng/ul	171078	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	86
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86
3	Tacrine	198	C13H14N2	000321-64-2	80
4	Tacrine	198	C13H14N2	000321-64-2	72
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	72





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Operator : CG/JU
Sample : L3636-08
Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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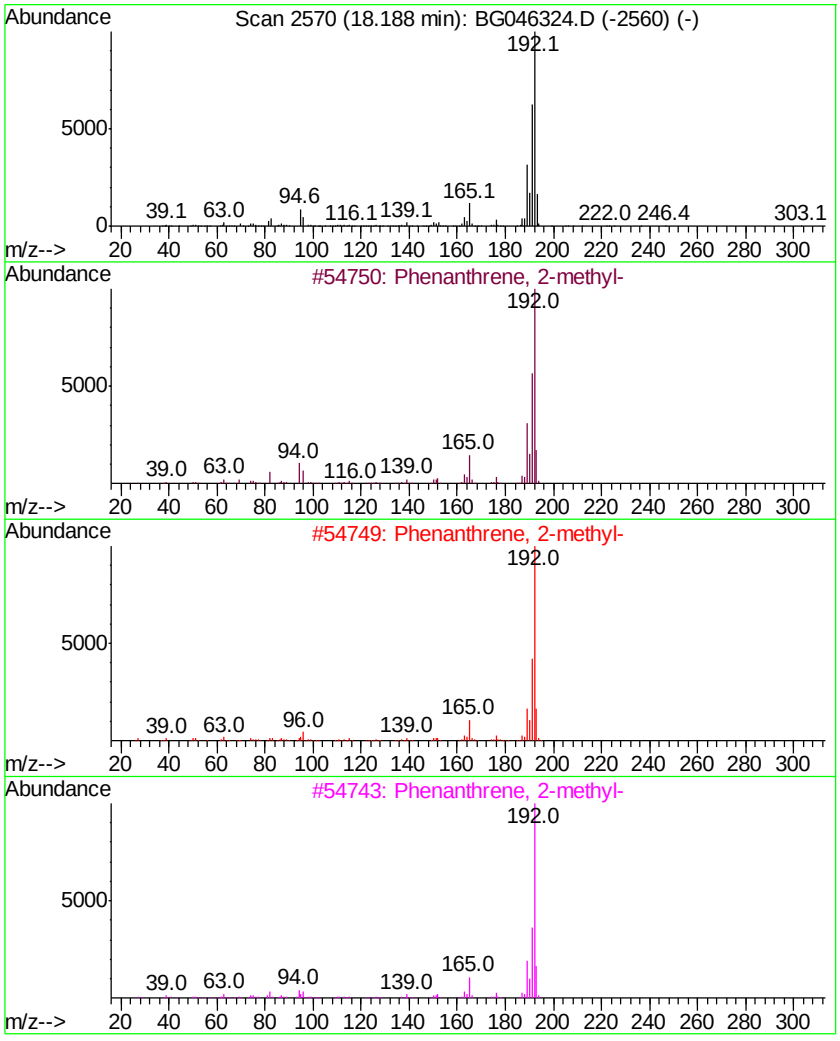
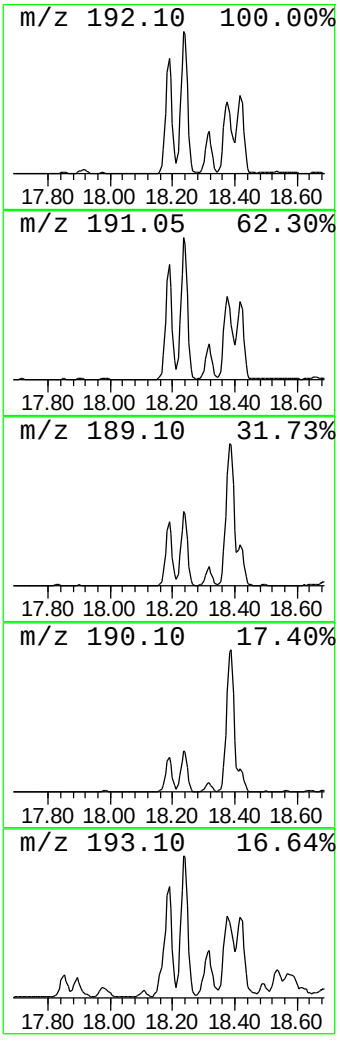
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	28.33 ng/ul	1843180	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

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Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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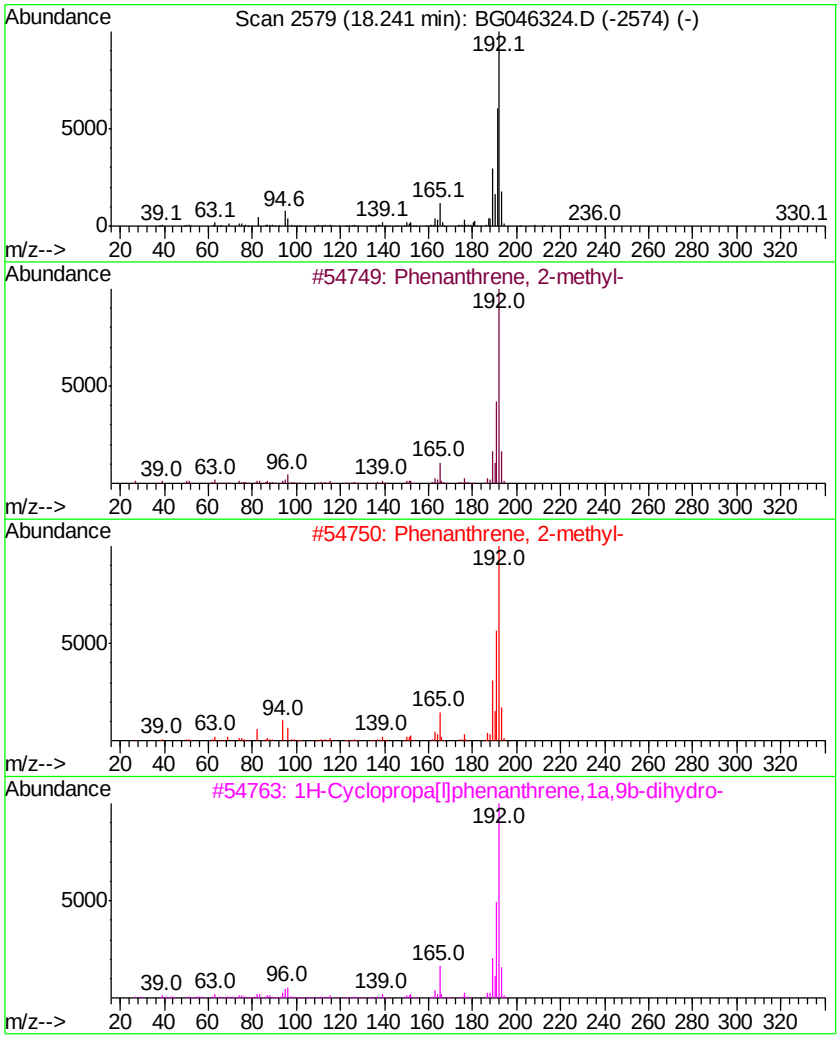
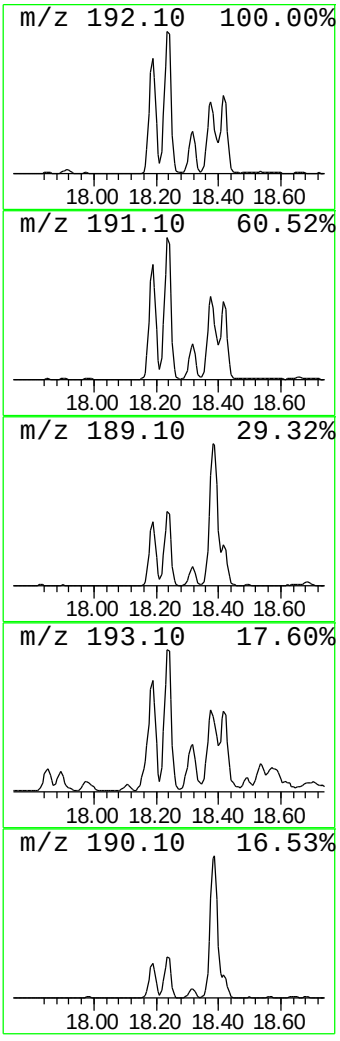
Peak Number 21 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	35.68 ng/ul	2321320	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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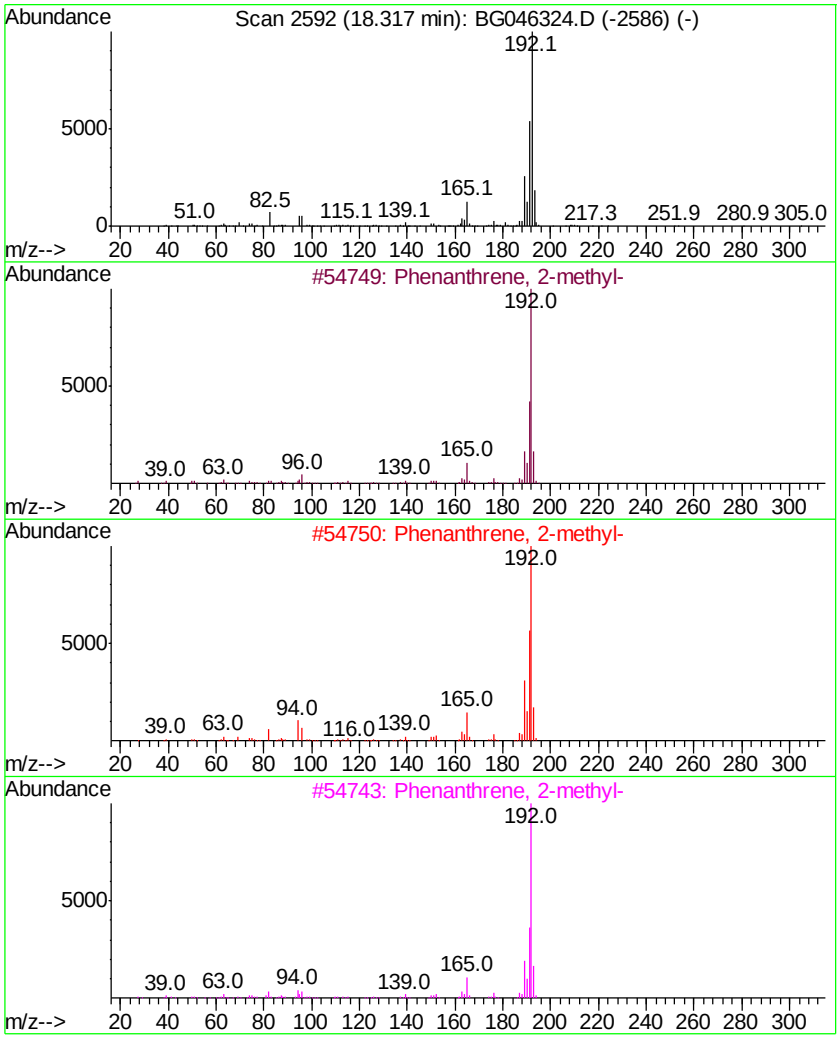
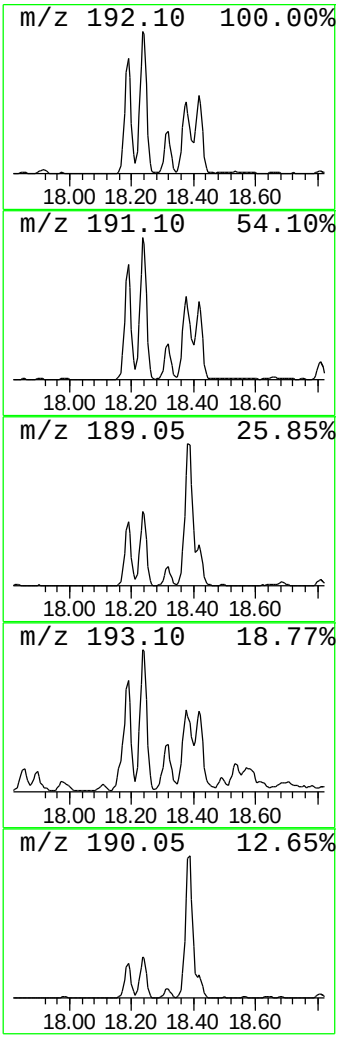
Peak Number 22 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	8.72 ng/ul	567453	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : L3636-08
Misc :
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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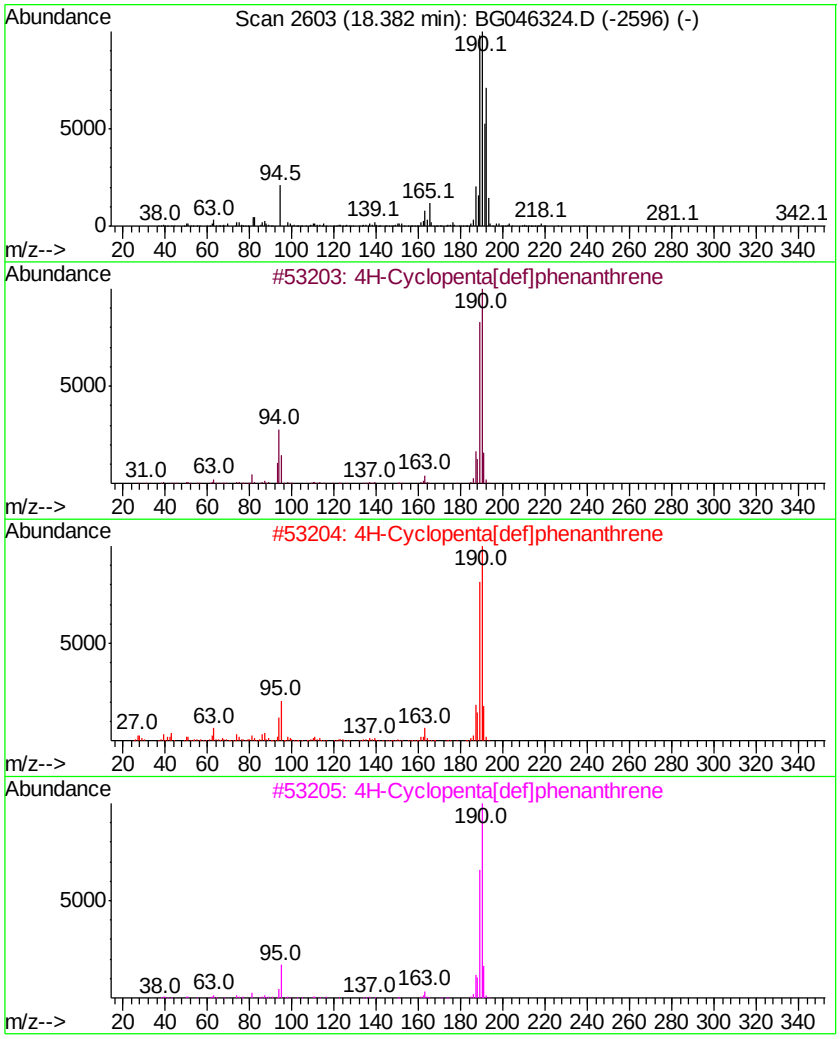
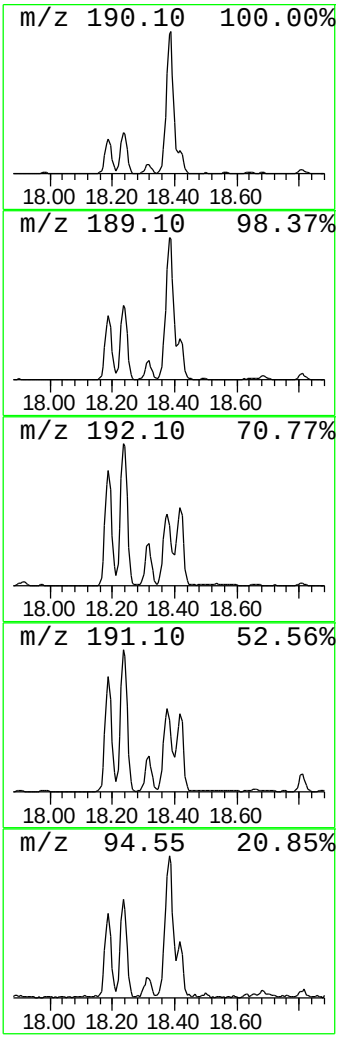
Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	39.07 ng/ul	2542150	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





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Quant Title : SVOA CALIBRATION

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

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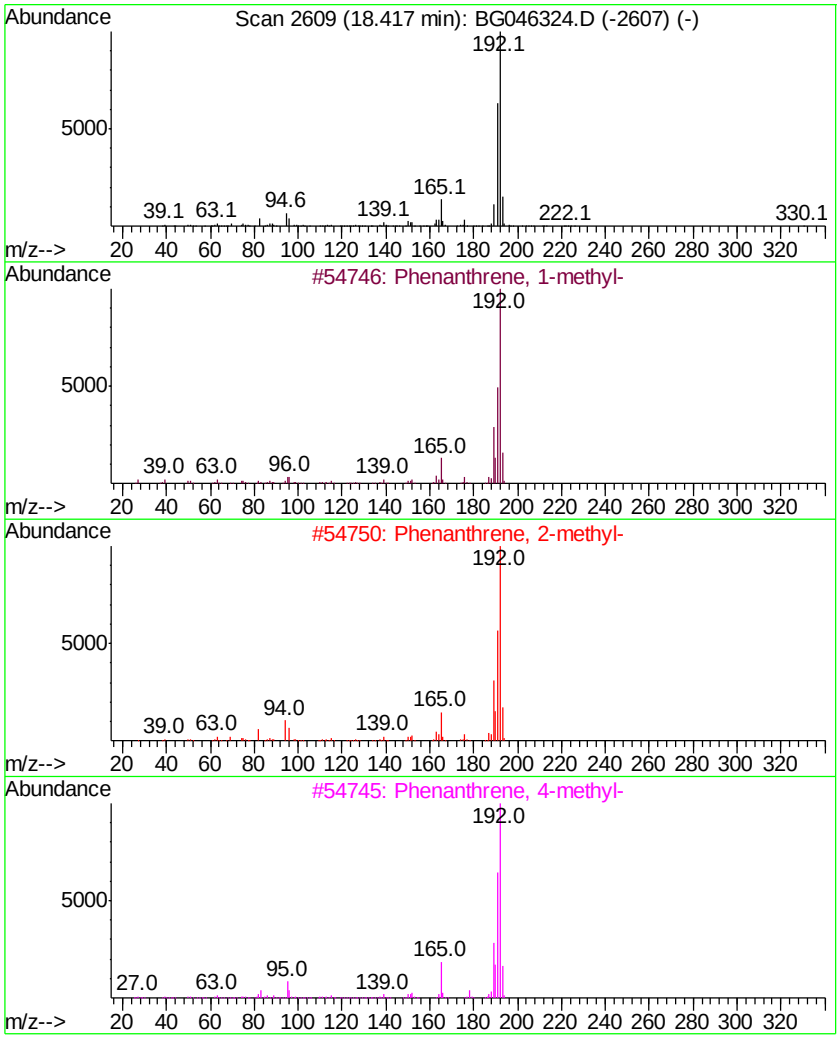
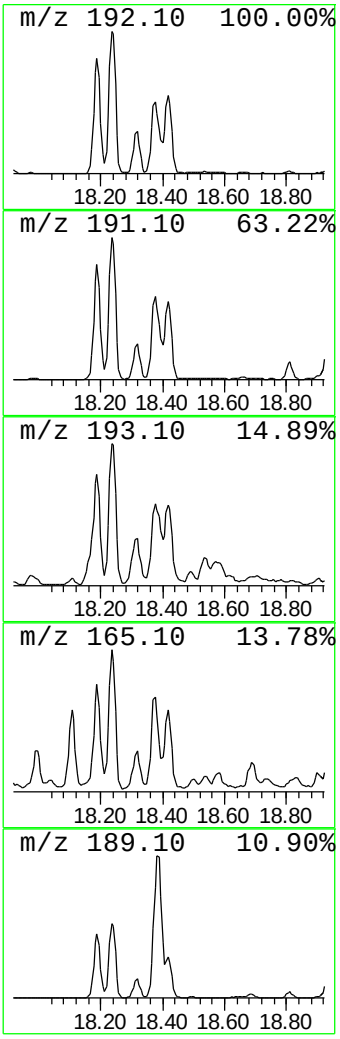
Peak Number 24 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	14.28 ng/ul	928945	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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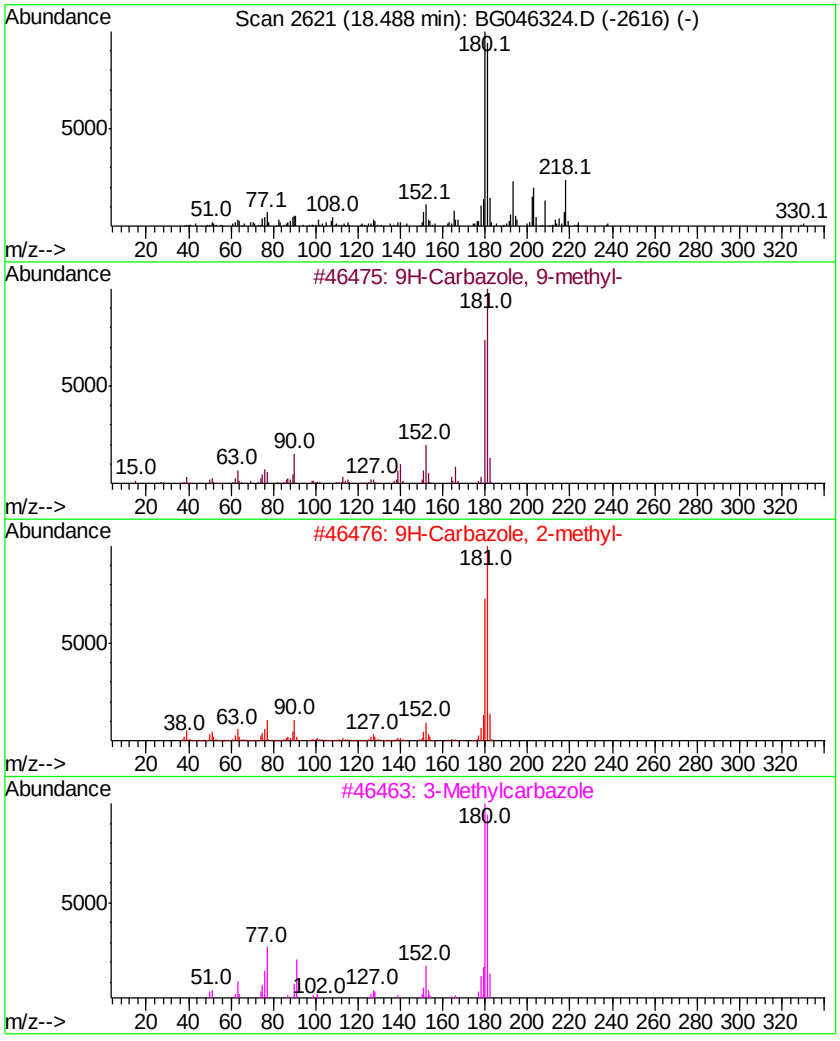
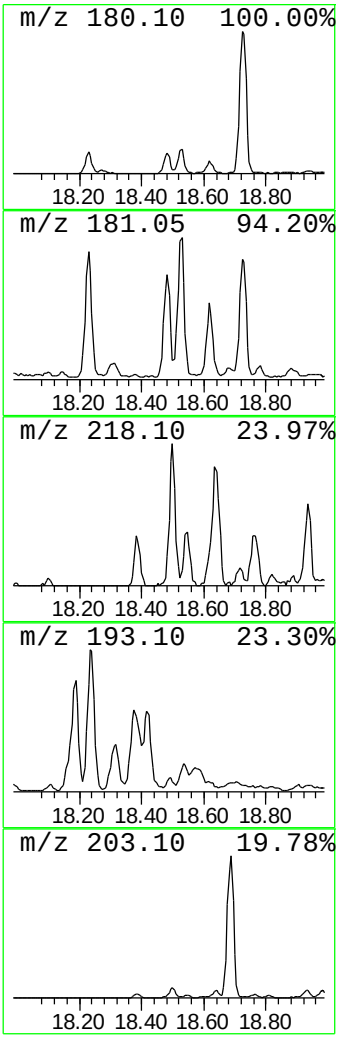
Peak Number 25 unknown-06 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.17 ng/ul	206366	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	38
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	38
3	3-Methylcarbazole	181	C13H11N	004630-20-0	30
4	3-Methylcarbazole	181	C13H11N	004630-20-0	30
5	2-Fluorenamine	181	C13H11N	000153-78-6	30





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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 26 1-Methylcarbazole Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.64 ng/ul	171984	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylcarbazole	181	C13H11N	006510-65-2	62
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	62
3	3-Methylcarbazole	181	C13H11N	004630-20-0	62
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	62
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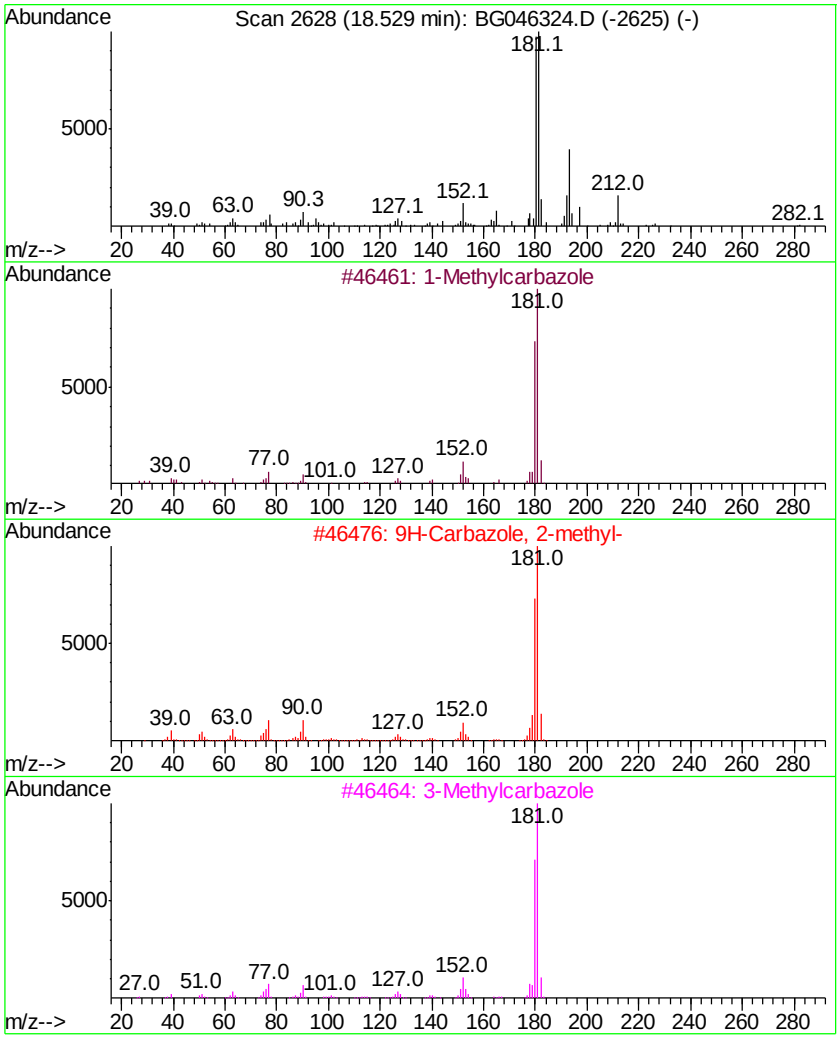

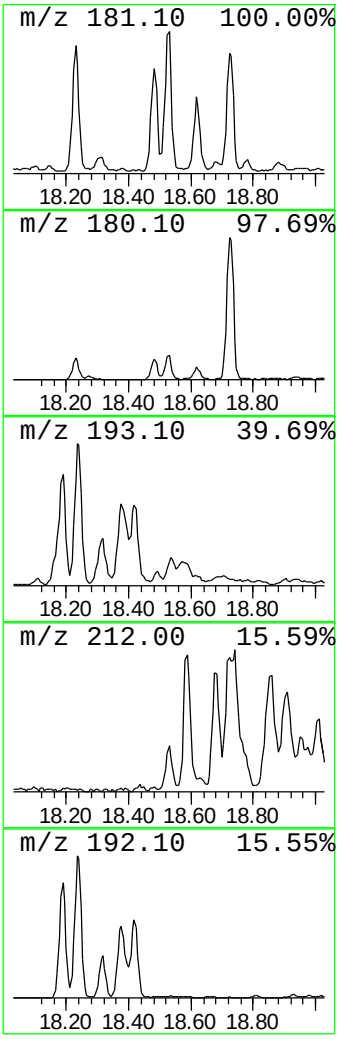

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Sample : L3636-08
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Instrument : BNA_G
ClientSampleId : BFMK4

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Quant Title : SVOA CALIBRATION

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

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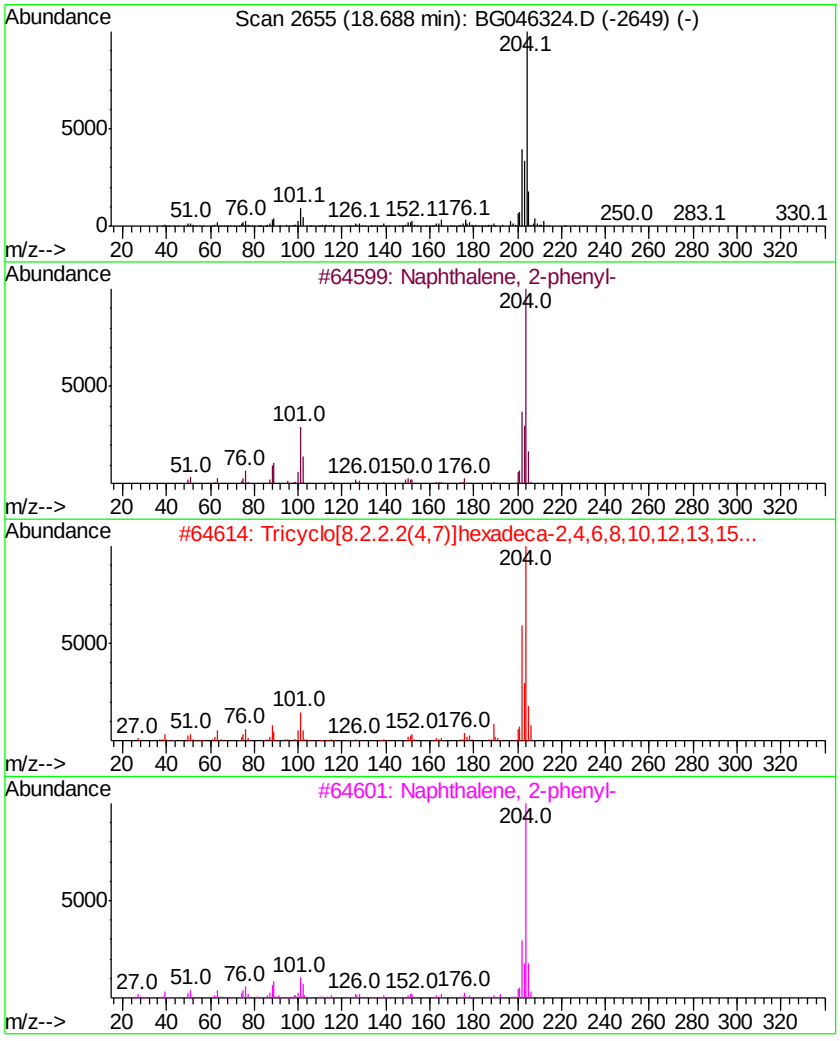
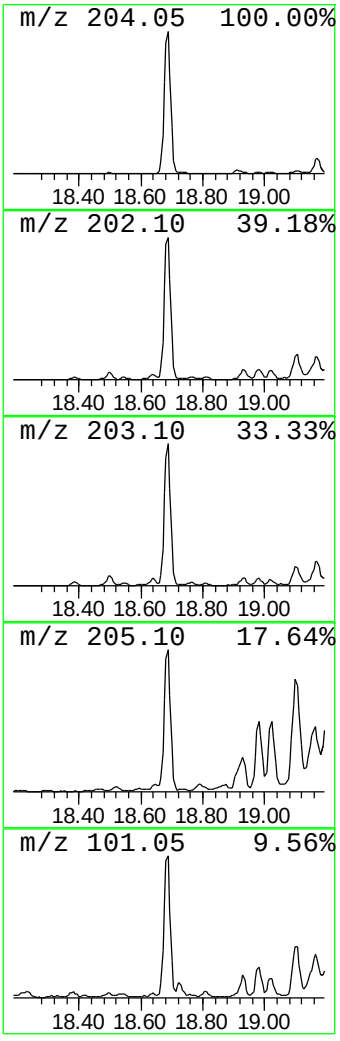
Peak Number 27 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	22.43 ng/ul	1459040	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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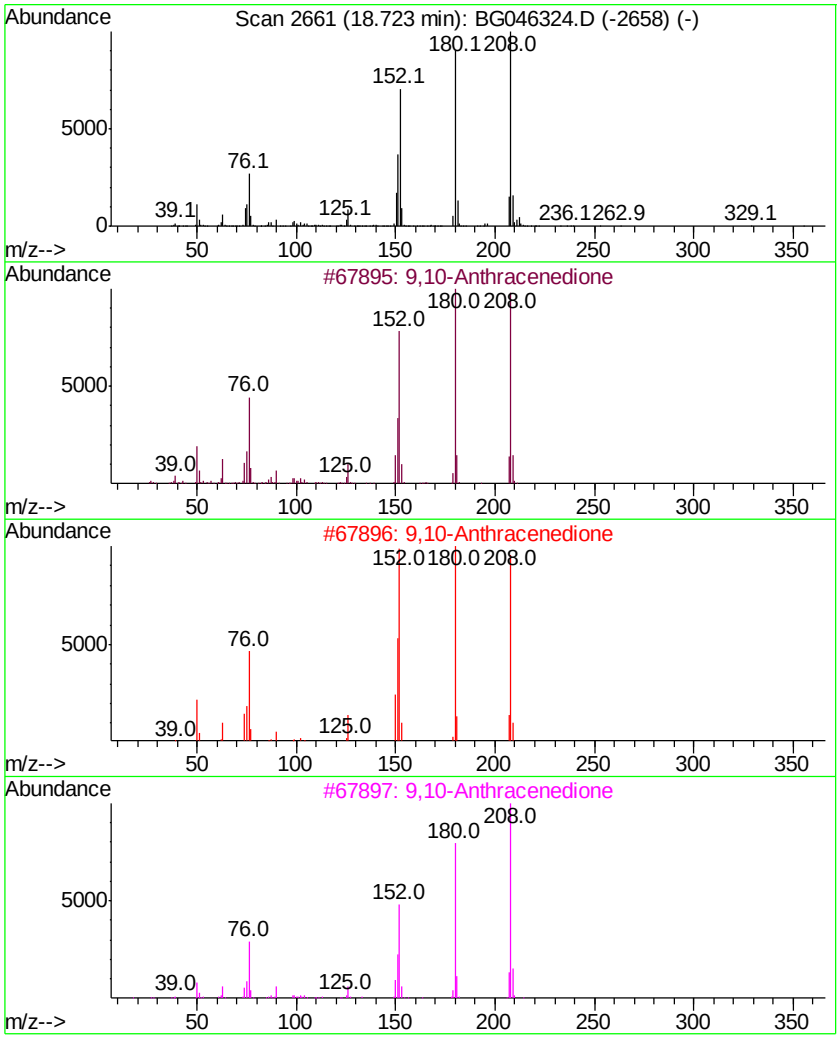
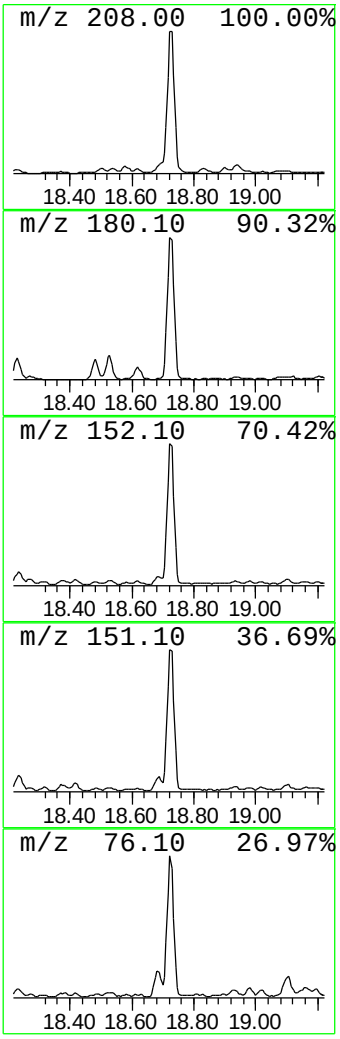
Peak Number 28 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	24.10 ng/ul	1567720	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





Library Search Compound Report

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Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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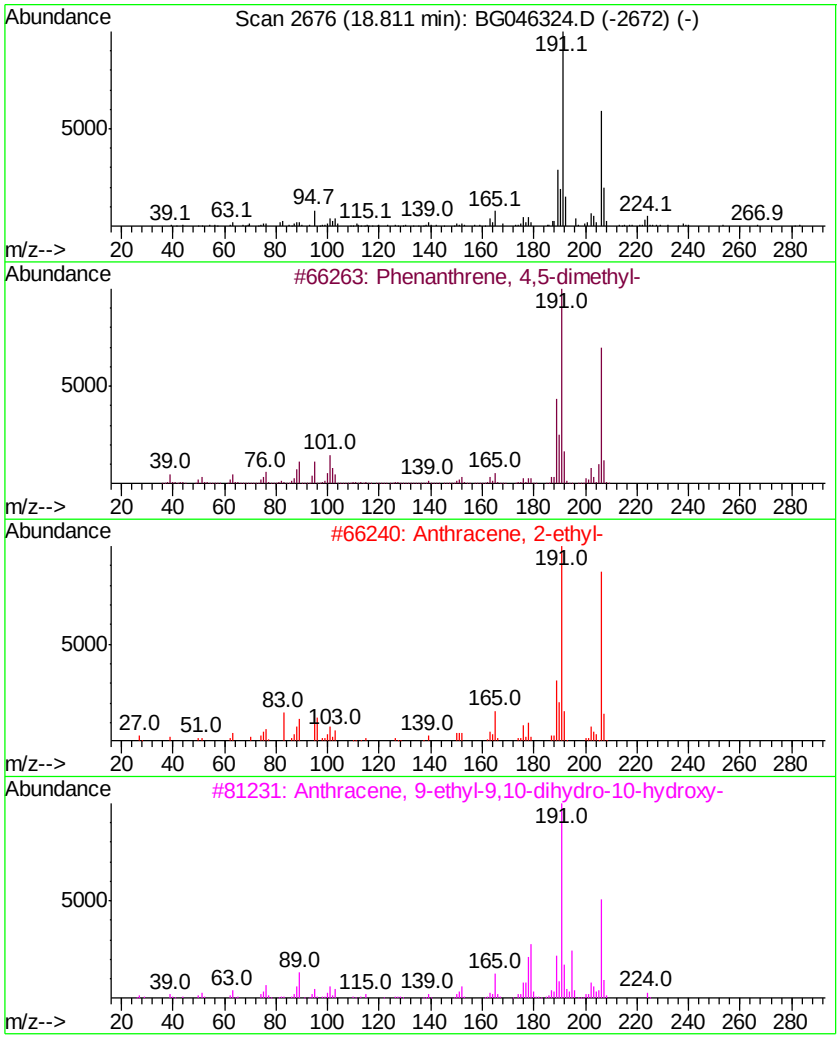
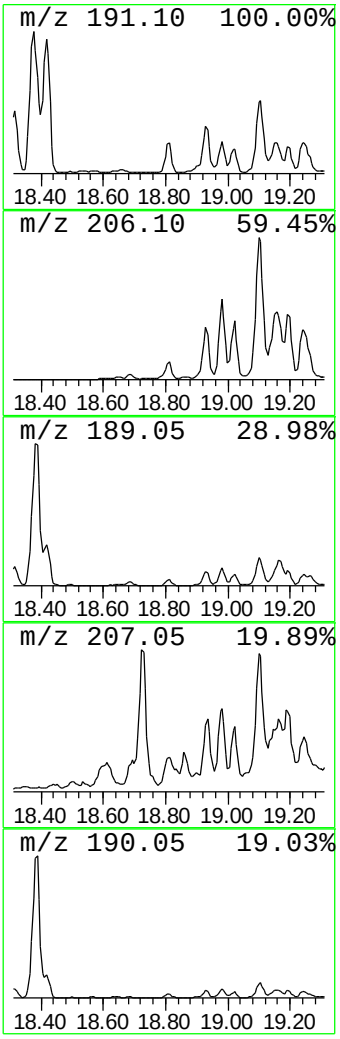
Peak Number 29 Phenanthrene, 4,5-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.57 ng/ul	166892	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	80
3	Anthracene, 9-ethyl-9,10-dihydro...	224	C16H16O	1000154-70-0	74
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	72
5	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

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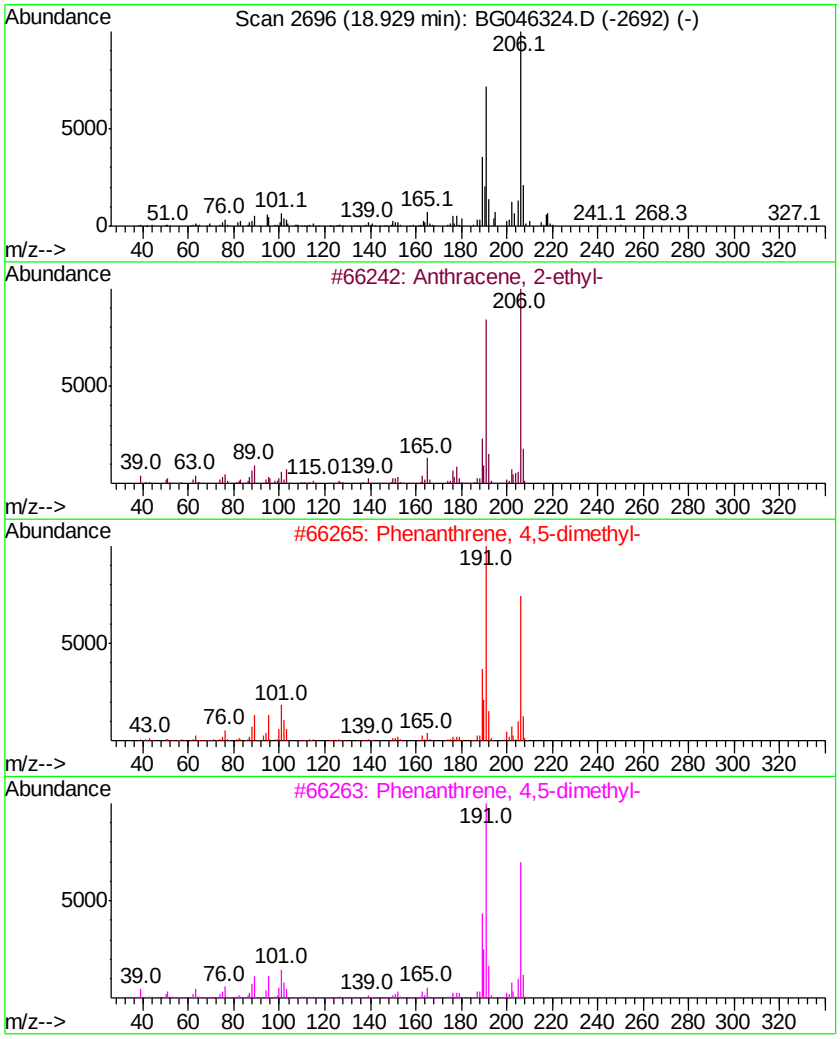
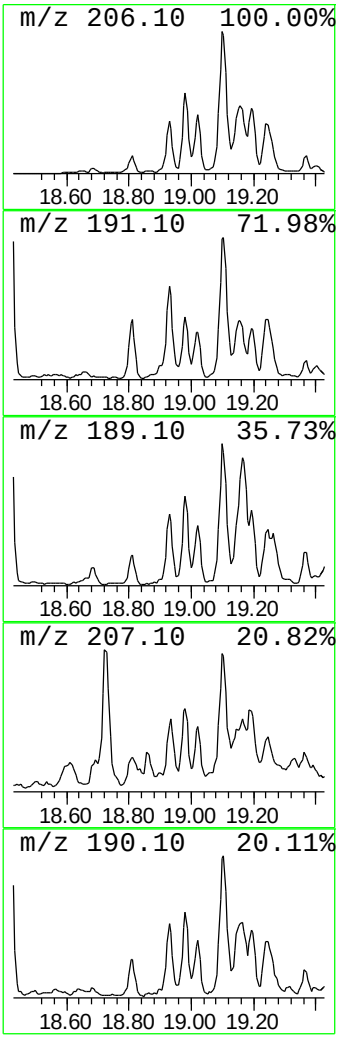
Peak Number 30 Anthracene, 2-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	5.39 ng/ul	350771	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046324.D
Acq On : 18 Aug 2020 12:27
Operator : CG/JU
Sample : L3636-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMK4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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
Butane, 2-methoxy...	3.14	87.8	ng/ul	2110440	1	7.94	480745	20.0
2(3H)-Furanone, 5...	7.11	6.9	ng/ul	166784	1	7.94	480745	20.0
unknown-01	7.47	7.1	ng/ul	170261	1	7.94	480745	20.0
unknown-02	8.65	8.5	ng/ul	204647	1	7.94	480745	20.0
unknown-03	13.97	8.2	ng/ul	451325	3	14.57	1096120	20.0
unknown-04	14.77	3.0	ng/ul	166828	3	14.57	1096120	20.0
Dibenzofuran	14.96	8.5	ng/ul	466746	3	14.57	1096120	20.0
Norharmane, N-met...	15.91	6.0	ng/ul	329325	3	14.57	1096120	20.0
Dibenzofuran, 4-m...	16.06	6.6	ng/ul	431752	4	17.31	1301190	20.0
unknown-05	16.28	2.7	ng/ul	176974	4	17.31	1301190	20.0
Phenol, 3-(2-phen...	16.85	4.5	ng/ul	291197	4	17.31	1301190	20.0
9H-Fluoren-9-one	16.97	16.2	ng/ul	1053070	4	17.31	1301190	20.0
8-Dimethylaminona...	17.05	7.4	ng/ul	480089	4	17.31	1301190	20.0
Dibenzothiophene	17.13	10.3	ng/ul	669996	4	17.31	1301190	20.0
Acridine	17.50	4.1	ng/ul	264724	4	17.31	1301190	20.0
5H-Indeno[1,2-b]p...	17.71	21.0	ng/ul	1367400	4	17.31	1301190	20.0
Anthracene, 9-eth...	17.83	3.4	ng/ul	218916	4	17.31	1301190	20.0
Anthrone	17.89	7.0	ng/ul	453963	4	17.31	1301190	20.0
Dibenzothiophene,...	18.03	2.6	ng/ul	171078	4	17.31	1301190	20.0
Phenanthrene, 2-m...	18.19	28.3	ng/ul	1843180	4	17.31	1301190	20.0
1H-Cyclopropa[l]p...	18.24	35.7	ng/ul	2321320	4	17.31	1301190	20.0
Phenanthrene, 1-m...	18.32	8.7	ng/ul	567453	4	17.31	1301190	20.0
4H-Cyclopenta[def...	18.38	39.1	ng/ul	2542150	4	17.31	1301190	20.0
Phenanthrene, 4-m...	18.42	14.3	ng/ul	928945	4	17.31	1301190	20.0
unknown-06	18.49	3.2	ng/ul	206366	4	17.31	1301190	20.0
1-Methylcarbazole	18.53	2.6	ng/ul	171984	4	17.31	1301190	20.0
Naphthalene, 2-ph...	18.69	22.4	ng/ul	1459040	4	17.31	1301190	20.0
9,10-Anthracenedione	18.72	24.1	ng/ul	1567720	4	17.31	1301190	20.0
Phenanthrene, 4,5...	18.81	2.6	ng/ul	166892	4	17.31	1301190	20.0
Anthracene, 2-ethyl-	18.93	5.4	ng/ul	350771	4	17.31	1301190	20.0