LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG021021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.154	303	309	317	rVB2	13386	23651	1.32%	0.099%
2	5.653	385	394	408	rBV	471891	811991	45.31%	3.386%
3	7.281	663	671	688	rBV	499453	978071	54.58%	4.079%
4	8.068	799	805	813	rVB	124158	209673	11.70%	0.874%
5	9.243	996	1005	1016	rBV	340722	636824	35.54%	2.656%
6	10.882	1278	1284	1291	rBV	164156	310116	17.31%	1.293%
7	10.941	1291	1294	1298	rVB4	13383	18371	1.03%	0.077%
8	12.539	1560	1566	1573	rVB2	11287	18686	1.04%	0.078%
9	12.751	1597	1602	1609	rVB3	11365	19015	1.06%	0.079%
10	13.326	1692	1700	1710	rVB	721841	1165156	65.02%	4.859%
11	13.591	1739	1745	1759	rBV	158695	285041	15.91%	1.189%
12	14.020	1813	1818	1823	rBV3	14883	28404	1.59%	0.118%
13	14.149	1836	1840	1846	rBV	45563	71330	3.98%	0.297%
14	14.701	1923	1934	1940	rBV	294031	483810	27.00%	2.018%
15	14.766	1940	1945	1952	rVB	72756	115615	6.45%	0.482%
16	15.101	1995	2002	2007	rVV	47141	77844	4.34%	0.325%
17	15.747	2104	2112	2118	rBV	113782	186315	10.40%	0.777%
18	15.806	2118	2122	2126	rBV3	42540	68817	3.84%	0.287%
19	15.906	2136	2139	2144	rVB5	17589	26138	1.46%	0.109%
20	16.041	2157	2162	2167	rVB	26965	46237	2.58%	0.193%
21	16.200	2183	2189	2198	rBV	631332	1017084	56.76%	4.242%
22	16.388	2216	2221	2225	rBV6	9203	18555	1.04%	0.077%
23	16.752	2273	2283	2288	rBV5	26623	61593	3.44%	0.257%
24	16.805	2288	2292	2296	rVB3	12101	18970	1.06%	0.079%
25	16.899	2302	2308	2313	rVB6	12104	23971	1.34%	0.100%
26	16.975	2313	2321	2325	rBV6	14844	34873	1.95%	0.145%
27	17.016	2325	2328	2337	rVB4	13708	23059	1.29%	0.096%
28	17.104	2337	2343	2349	rVB5	19082	35638	1.99%	0.149%
29	17.175	2349	2355	2361	rBV4	19940	42980	2.40%	0.179%
30	17.269	2366	2371	2381	rVB2	45441	74896	4.18%	0.312%
31	17.451	2395	2402	2405	rBV	372891	581182	32.43%	2.424%
32	17.492	2405	2409	2416	rVV	823280	1223113	68.26%	5.101%
33	17.580	2417	2424	2430	rVV	252197	393490	21.96%	1.641%
34	17.645	2432	2435	2438	rVB2	16467	22174	1.24%	0.092%
35	17.733	2443	2450	2459	rBV2	18649	52242	2.92%	0.218%
36	17.862	2464	2472	2477	rBV2	44453	89389	4.99%	0.373%

LSC Area Percent Report

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Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG021021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.962	2485	2489	2492	rBV2	21456	29262	1.63%	0.122%
38	18.027	2496	2500	2508	rVB5	18769	38386	2.14%	0.160%
39	18.321	2541	2550	2554	rBV	97215	158339	8.84%	0.660%
40	18.373	2554	2559	2565	rVB2	128307	204839	11.43%	0.854%
41	18.450	2565	2572	2577	rBV	58929	97358	5.43%	0.406%
42	18.520	2577	2584	2588	rBV2	182005	327811	18.29%	1.367%
43	18.814	2629	2634	2638	rBV	86453	125562	7.01%	0.524%
44	18.867	2639	2643	2648	rVB2	33346	47413	2.65%	0.198%
45	19.067	2672	2677	2681	rBV2	42875	62917	3.51%	0.262%
46	19.114	2681	2685	2688	rVB2	23697	32505	1.81%	0.136%
47	19.155	2688	2692	2694	rBV3	25020	38678	2.16%	0.161%
48	19.225	2700	2704	2710	rBV2	53459	88574	4.94%	0.369%
49	19.296	2710	2716	2718	rBV5	20007	28643	1.60%	0.119%
50	19.378	2724	2730	2739	rVB5	29717	68443	3.82%	0.285%
51	19.496	2743	2750	2756	rBV	1241720	1791924	100.00%	7.473%
52	19.554	2756	2760	2762	rVV2	26093	33520	1.87%	0.140%
53	19.590	2762	2766	2770	rVB2	29361	39979	2.23%	0.167%
54	19.690	2778	2783	2784	rBV5	14108	21102	1.18%	0.088%
55	19.742	2787	2792	2799	rVV3	33740	81492	4.55%	0.340%
56	19.825	2800	2806	2808	rVV2	205616	342067	19.09%	1.427%
57	19.860	2808	2812	2819	rVV	940721	1375023	76.73%	5.734%
58	19.925	2819	2823	2828	rVB	63548	90005	5.02%	0.375%
59	20.048	2837	2844	2849	rBV	1132688	1447617	80.79%	6.037%
60	20.101	2849	2853	2858	rVB	41571	70854	3.95%	0.295%
61	20.171	2859	2865	2866	rBV2	70216	109676	6.12%	0.457%
62	20.248	2873	2878	2881	rBV	33682	47315	2.64%	0.197%
63	20.348	2883	2895	2900	rBV	211052	439639	24.53%	1.833%
64	20.442	2906	2911	2916	rBV	205212	308519	17.22%	1.287%
65	20.500	2916	2921	2925	rVV2	84498	166242	9.28%	0.693%
66	20.541	2925	2928	2932	rVV3	25109	32679	1.82%	0.136%
67	20.583	2932	2935	2939	rVB5	29000	38827	2.17%	0.162%
68	20.641	2941	2945	2948	rBV	45810	66131	3.69%	0.276%
69	20.688	2950	2953	2957	rVB	42690	55435	3.09%	0.231%
70	20.941	2993	2996	2997	rBV3	20512	18809	1.05%	0.078%
71	21.059	3012	3016	3021	rBV4	35825	70811	3.95%	0.295%
72	21.111	3021	3025	3031	rVB2	44452	79205	4.42%	0.330%
73	21.294	3051	3056	3059	rBV2	66488	109964	6.14%	0.459%
74	21.335	3059	3063	3068	rVV2	103079	165032	9.21%	0.688%
75	21.388	3068	3072	3077	rVB2	70664	116664	6.51%	0.487%
76	21.705	3120	3126	3133	rBV2	590313	1562954	87.22%	6.518%

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Instrument :
BNA_G
ClientSampleId :
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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.769	3133	3137	3150	rVB	418462	719297	40.14%	3.000%
78	21.869	3150	3154	3158	rBV6	27325	38778	2.16%	0.162%
79	21.922	3158	3163	3168	rBV	105640	179208	10.00%	0.747%
80	21.993	3171	3175	3179	rVB2	40054	62390	3.48%	0.260%
81	22.081	3186	3190	3195	rVV	27392	43935	2.45%	0.183%
82	22.145	3195	3201	3206	rVB2	51734	113179	6.32%	0.472%
83	22.451	3250	3253	3259	rVB	58223	93480	5.22%	0.390%
84	22.527	3263	3266	3271	rVB2	39862	63541	3.55%	0.265%
85	22.668	3287	3290	3296	rVB3	38656	68246	3.81%	0.285%
86	22.727	3297	3300	3305	rBV2	30696	59704	3.33%	0.249%
87	23.949	3499	3508	3515	rBV	281682	933504	52.10%	3.893%
88	24.202	3545	3551	3560	rVB	68549	162974	9.09%	0.680%
89	24.408	3582	3586	3587	rBV4	17241	24267	1.35%	0.101%
90	24.678	3625	3632	3642	rVB	147072	406842	22.70%	1.697%
91	24.831	3649	3658	3667	rVB	262324	730390	40.76%	3.046%
92	24.983	3673	3684	3691	rBV2	223725	659393	36.80%	2.750%
93	28.697	4307	4316	4317	rBV	81319	180959	10.10%	0.755%
94	29.848	4505	4512	4514	rBV2	56615	113863	6.35%	0.475%

Sum of corrected areas: 23978479

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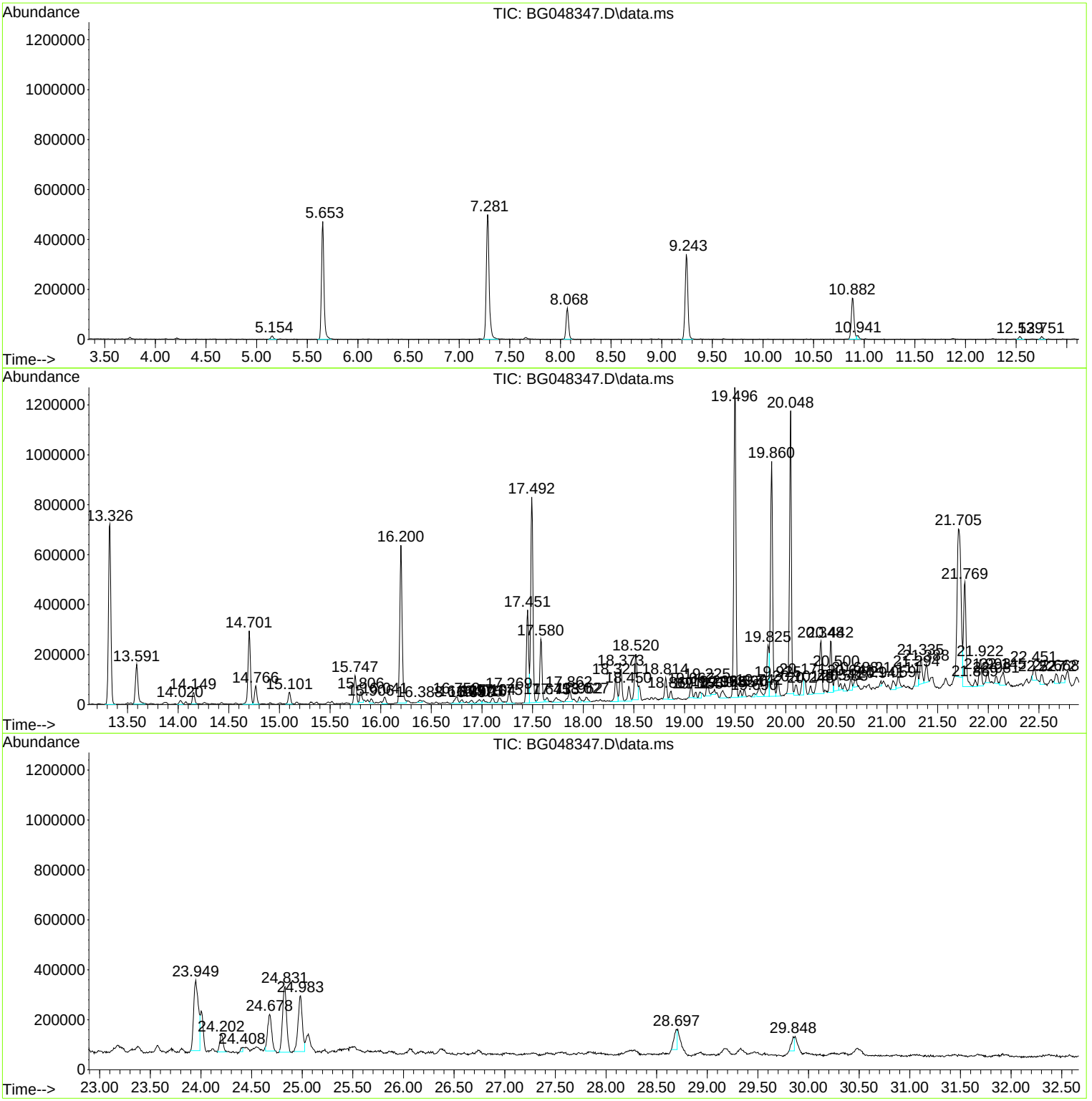
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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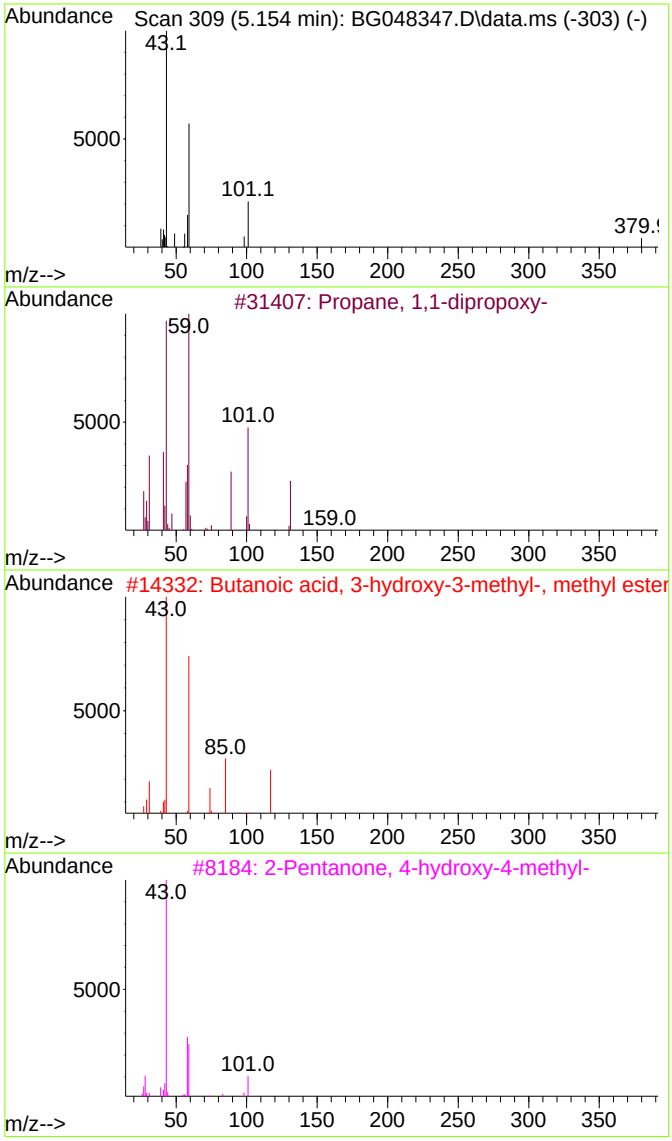
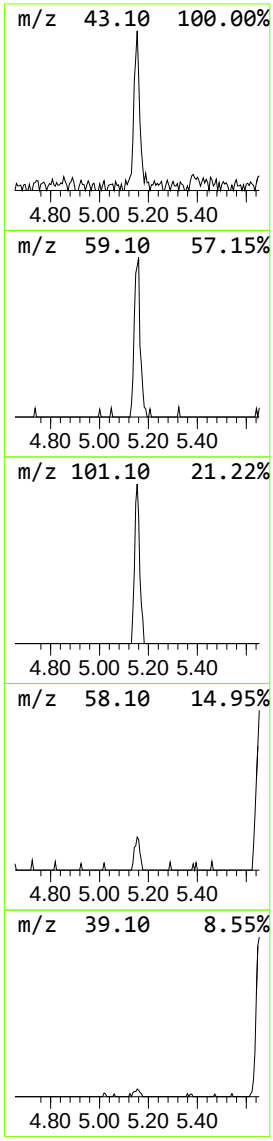
Peak Number 1 unknown5.154 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.154	2.26 ng	23651	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	9
2	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	9
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
4	Diacetamide	101	C4H7NO2	000625-77-4	7
5	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048347.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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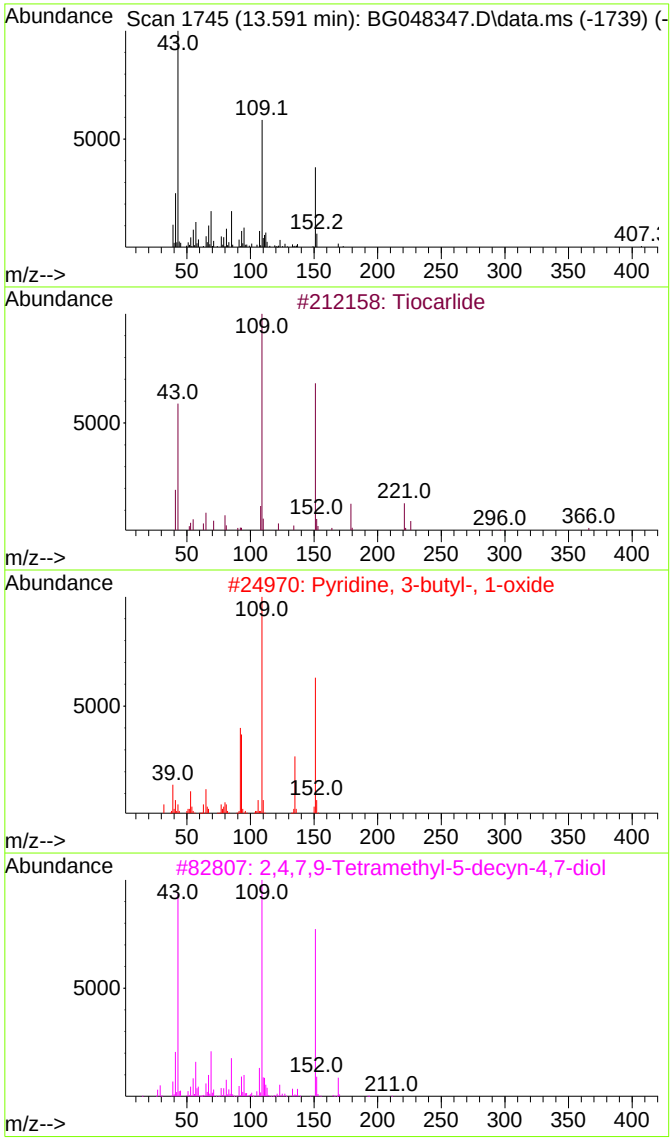
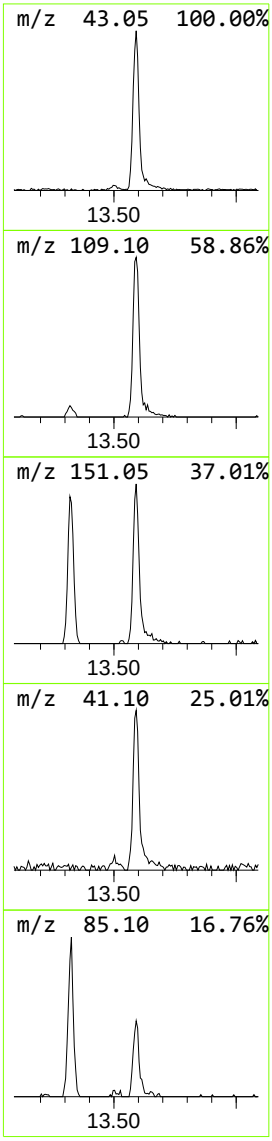
Peak Number 2 Tiocarlide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	11.78 ng	285041	Acenaphthene-d10	14.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tiocarlide	400	C23H32N2O2S	000910-86-1	50
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	50
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	45
5	Phosphonous acid, (1-methylethyl...	384	C23H45O2P	074630-15-2	43





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Sample : M1565-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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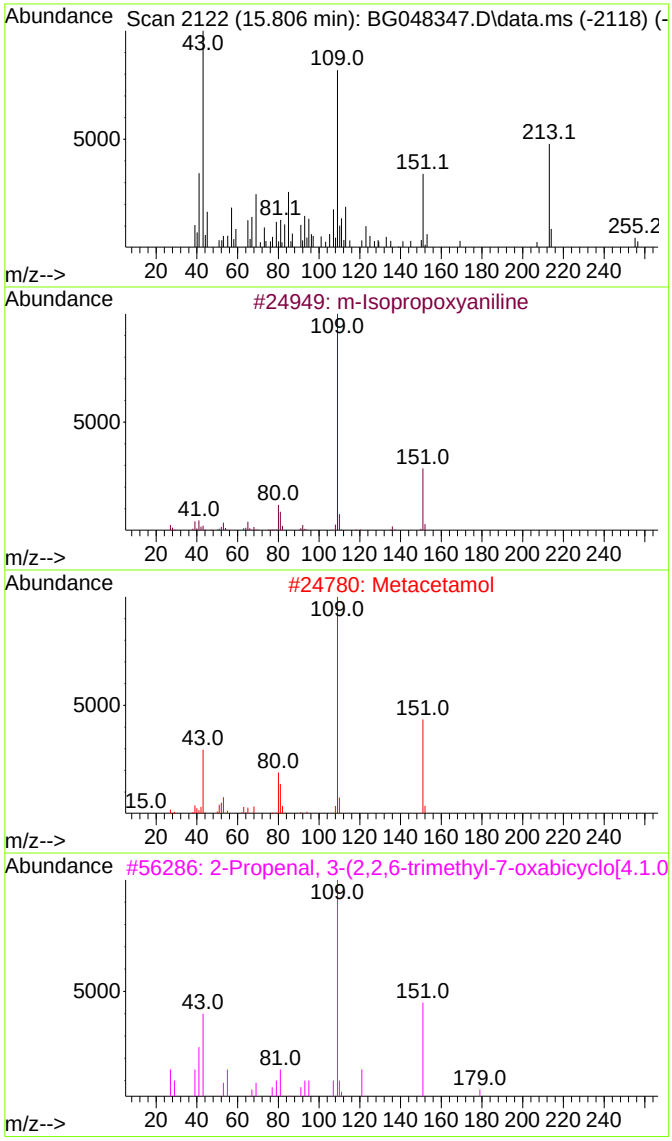
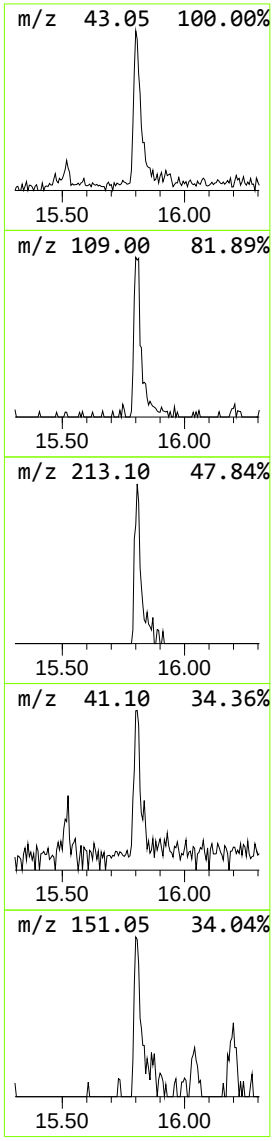
Peak Number 3 unknown15.806 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.806	2.84 ng	68817	Acenaphthene-d10	14.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	43
2	Metacetamol	151	C8H9NO2	000621-42-1	43
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	43
4	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	43
5	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	43





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BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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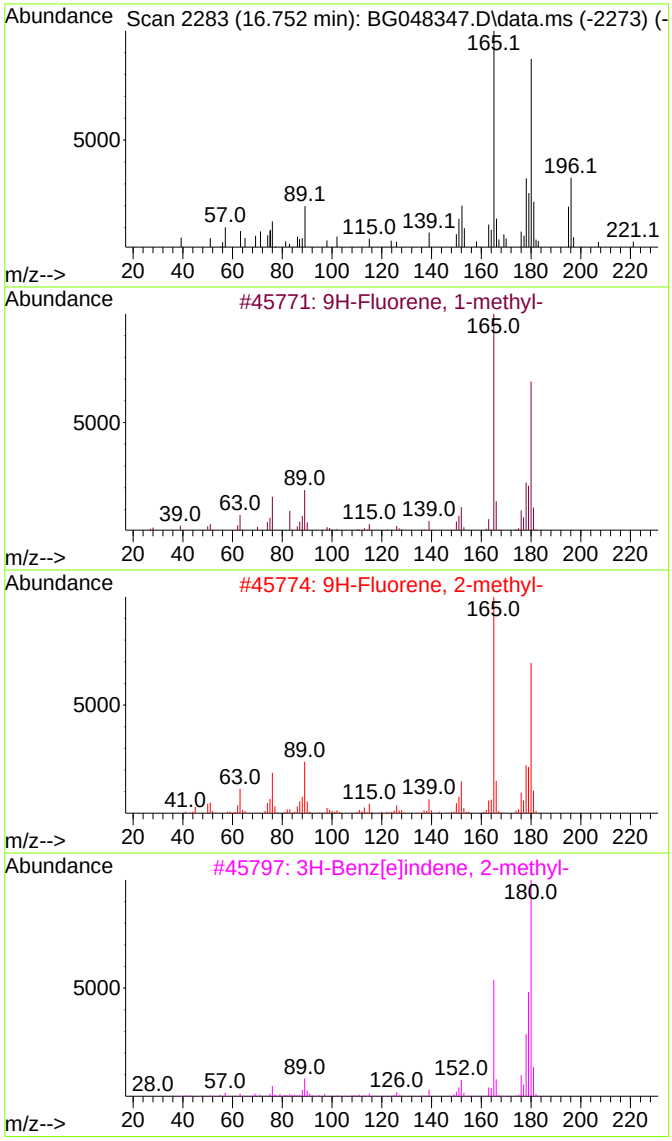
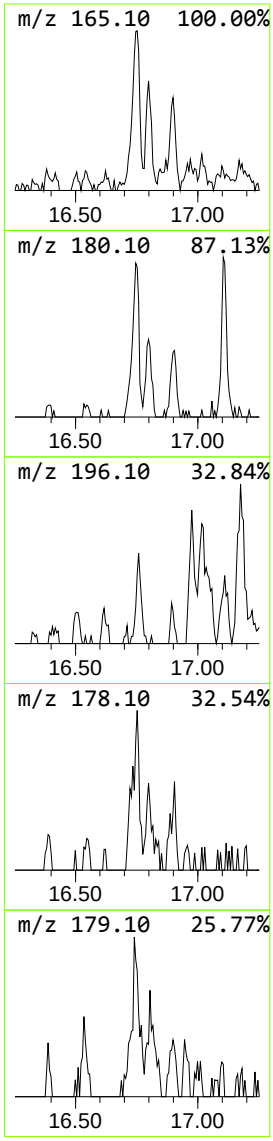
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.752	2.12 ng	61593	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	83
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70





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Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

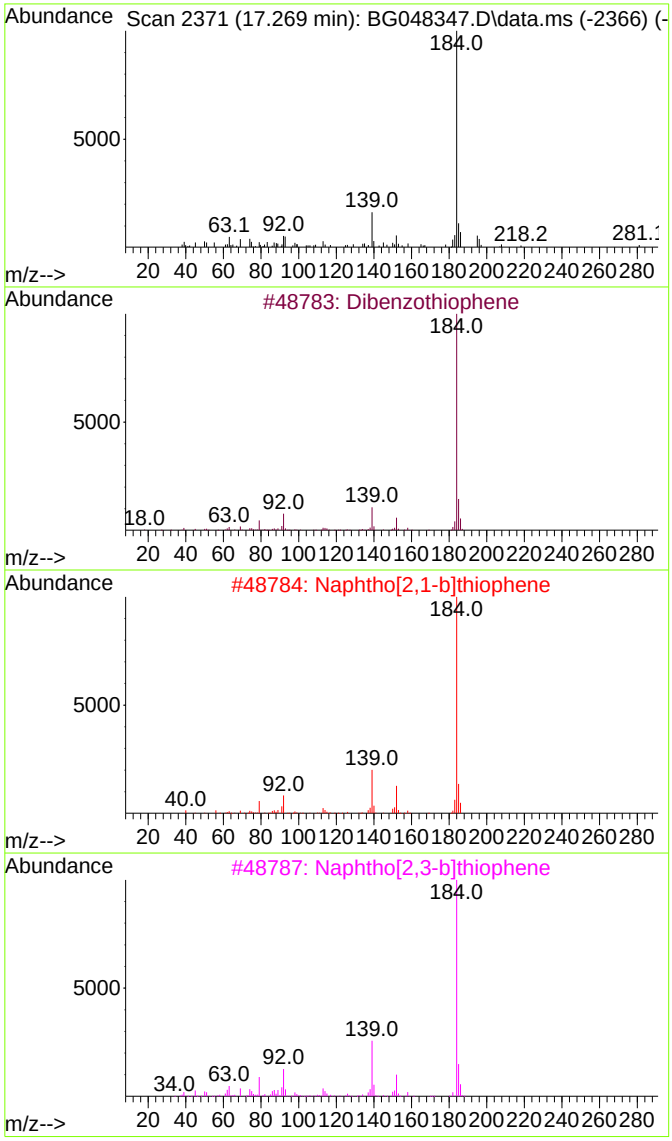
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

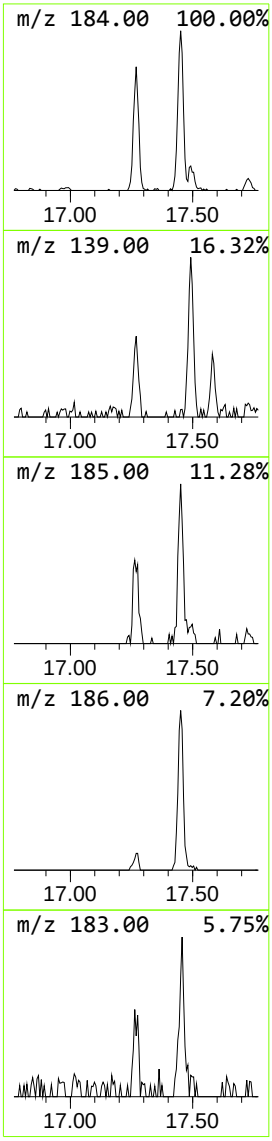
****

Peak Number 5 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.269	2.58 ng	74896	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	87
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	81
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

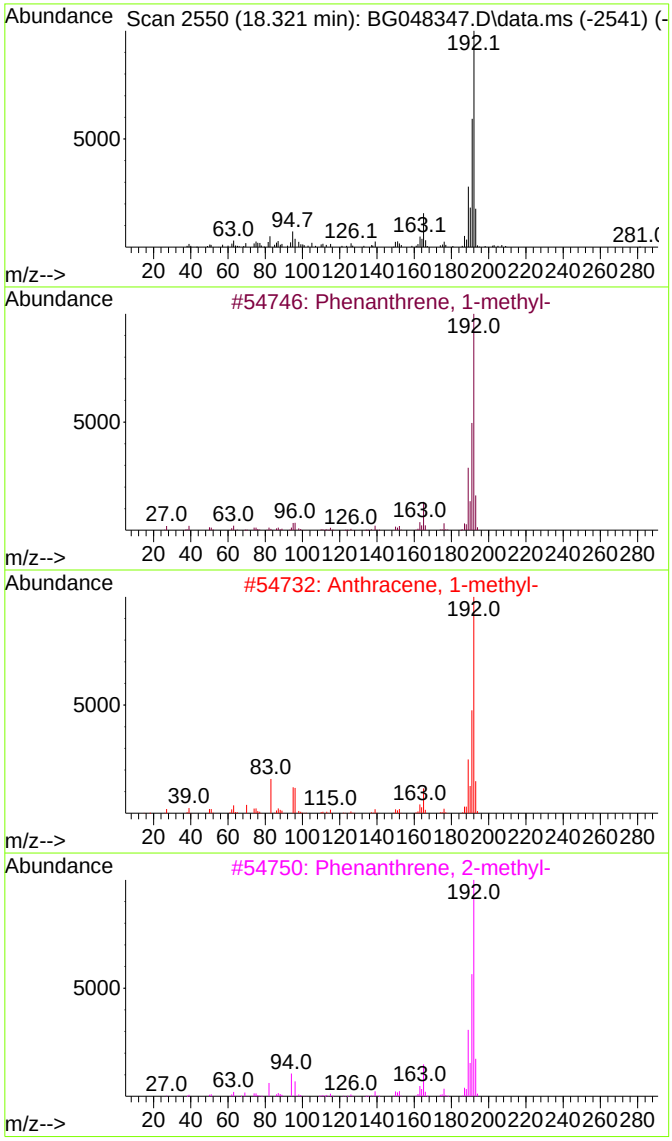
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

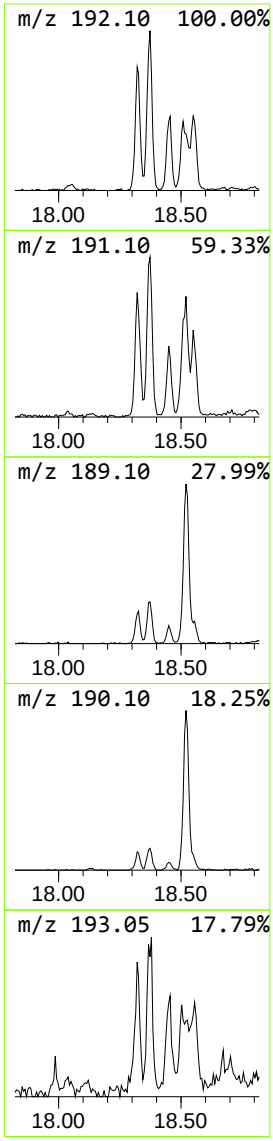
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	5.45 ng	158339	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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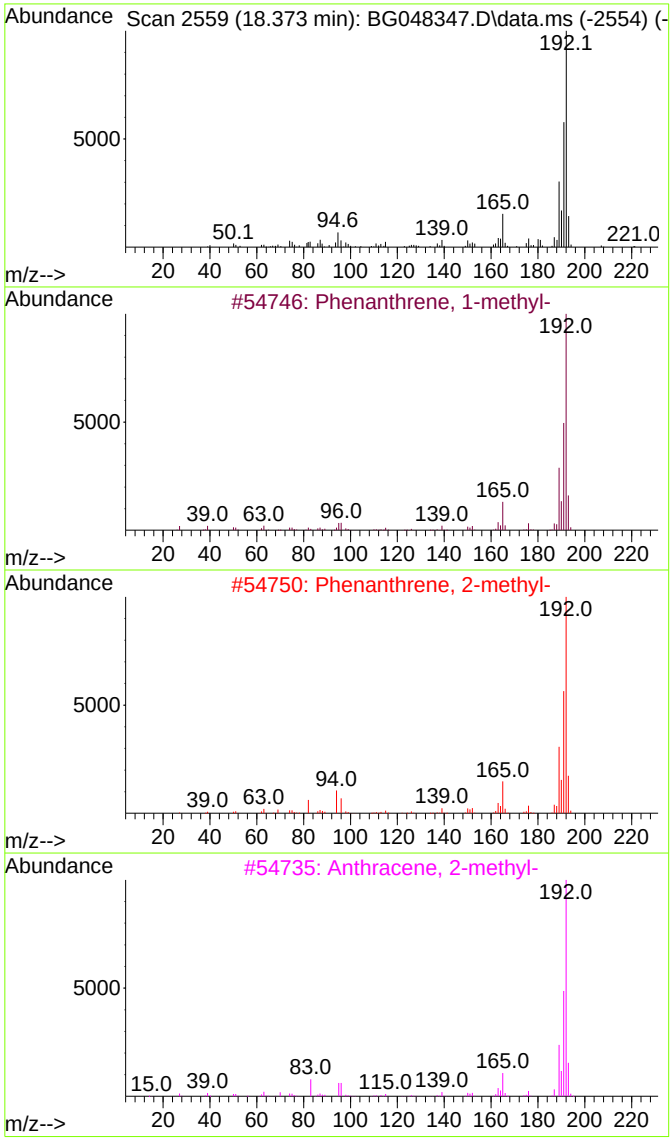
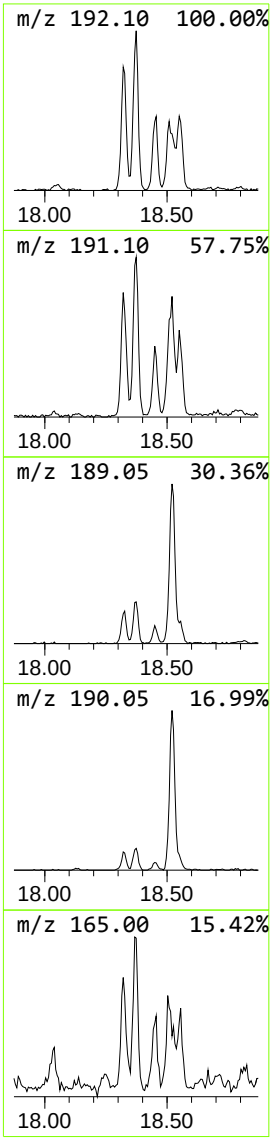
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.373	7.05 ng	204839	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-1

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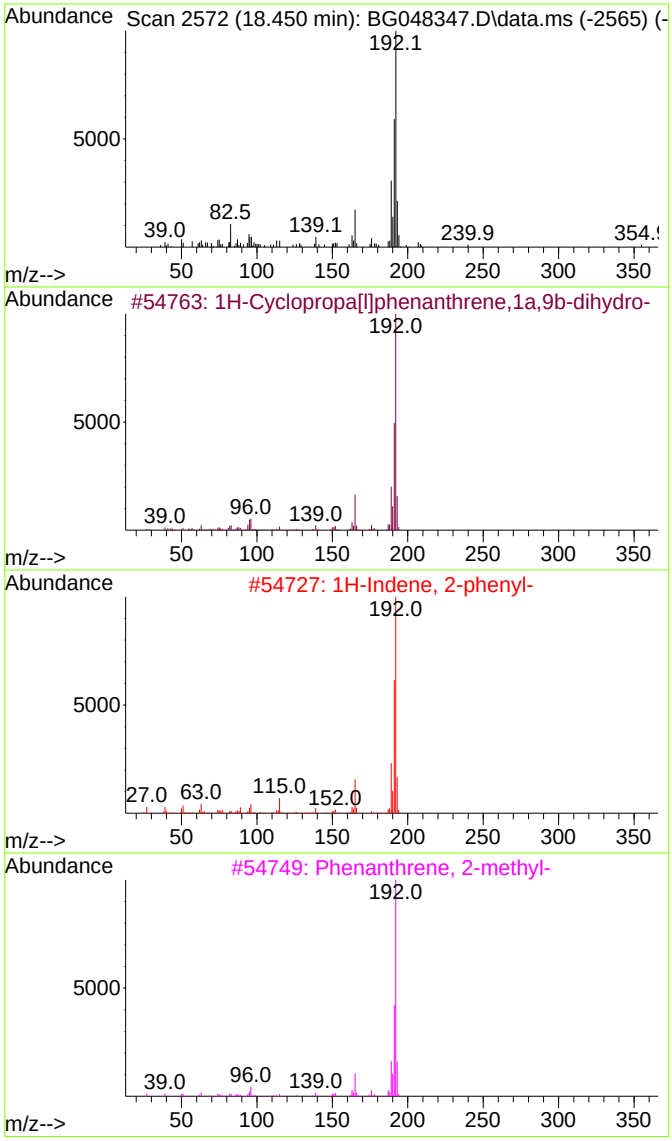
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

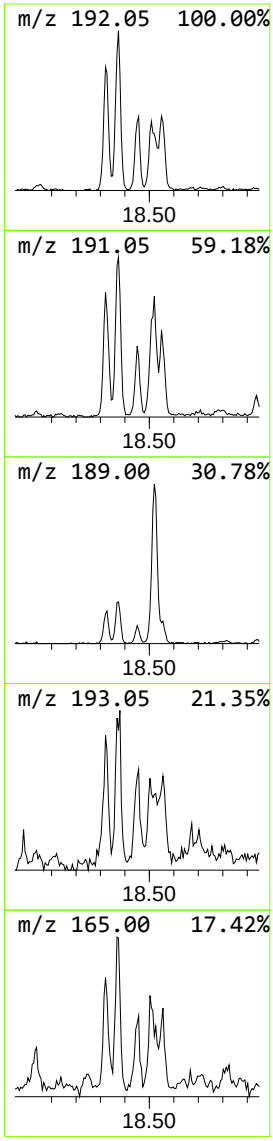
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	3.35 ng	97358	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Instrument :
BNA_G
ClientSampleId :
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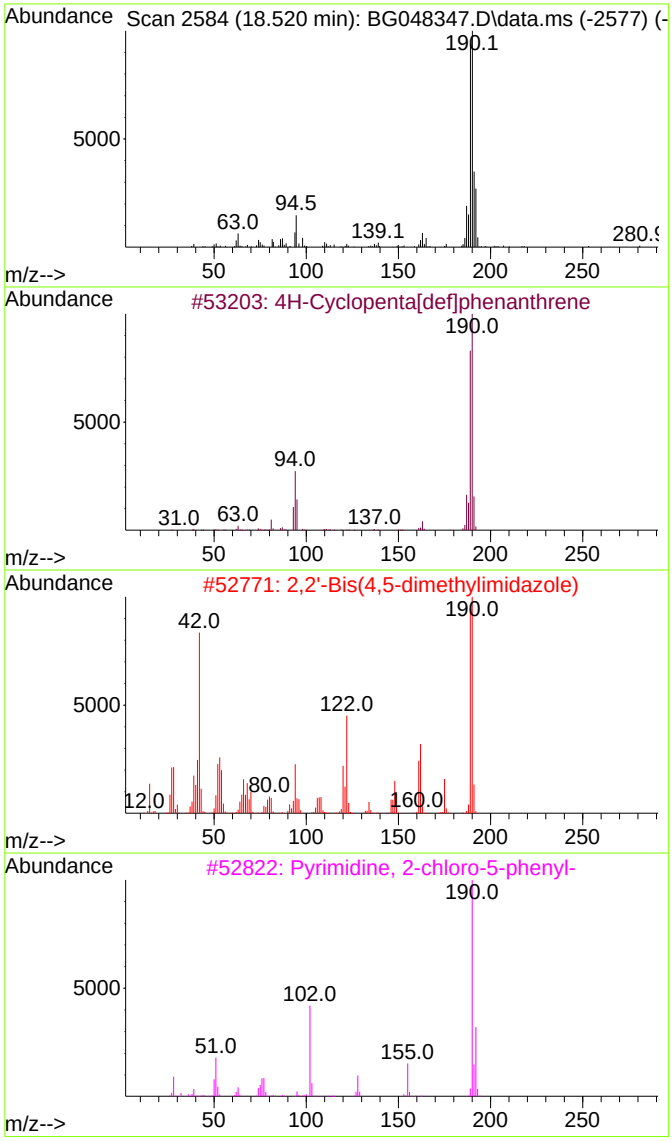
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

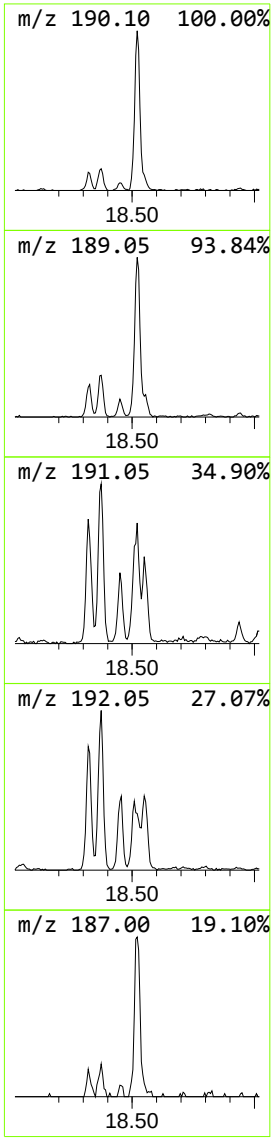
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	11.28 ng	327811	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

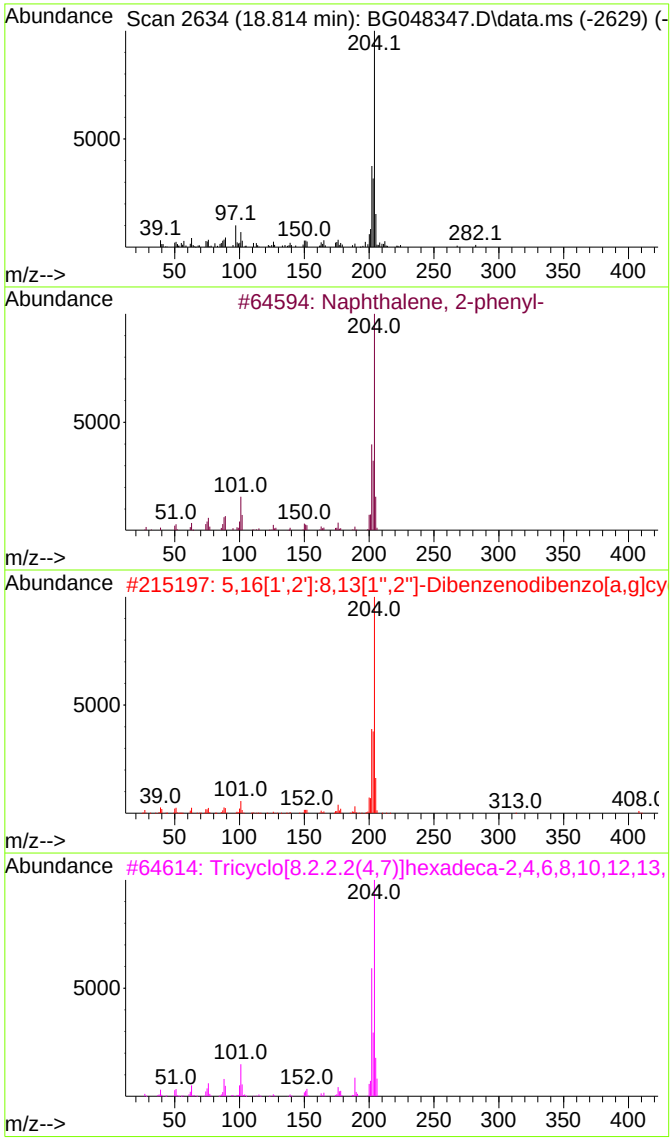
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

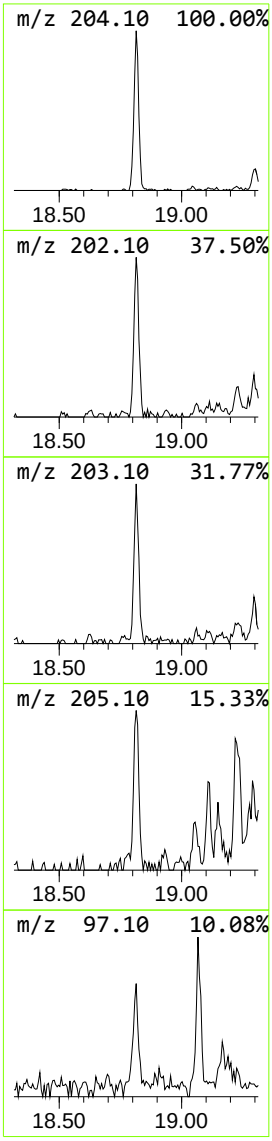
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.814	4.32 ng	125562	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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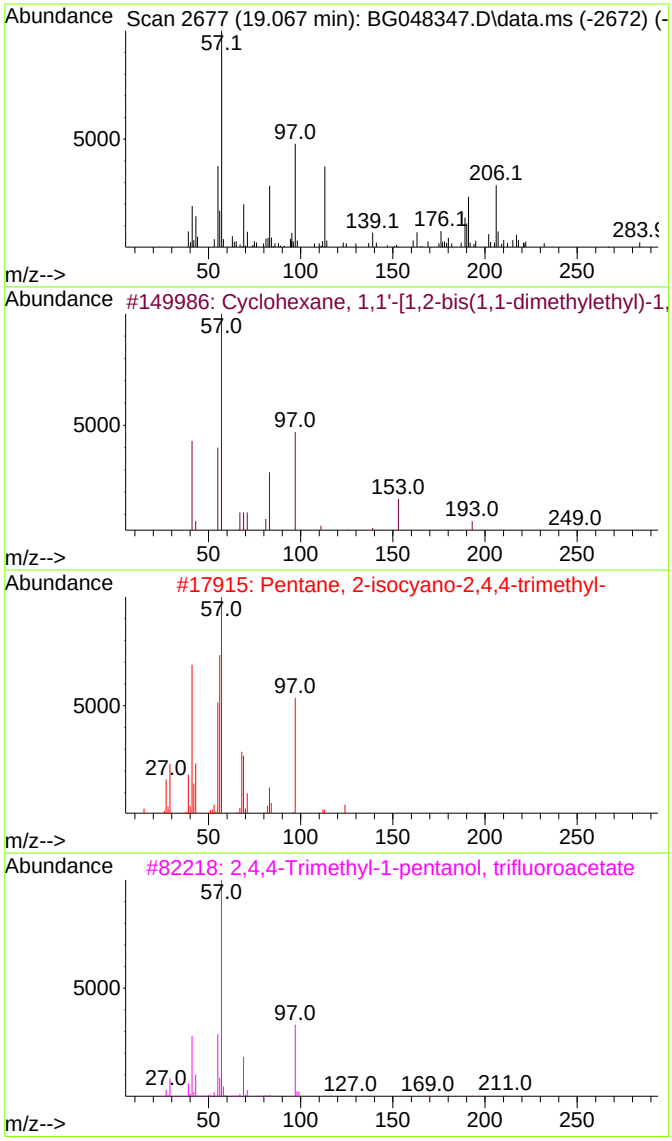
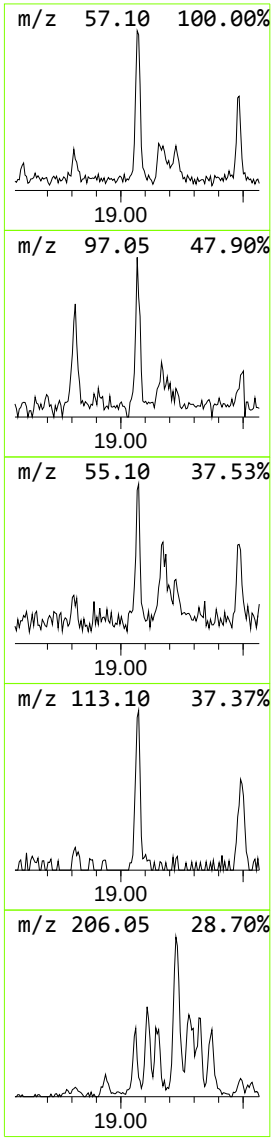
Peak Number 11 unknown19.067 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.067	2.17 ng	62917	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	17
2	Pentane, 2-isocyano-2,4,4-trimet...	139	C9H17N	014542-93-9	16
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	12
4	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	10
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	10





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

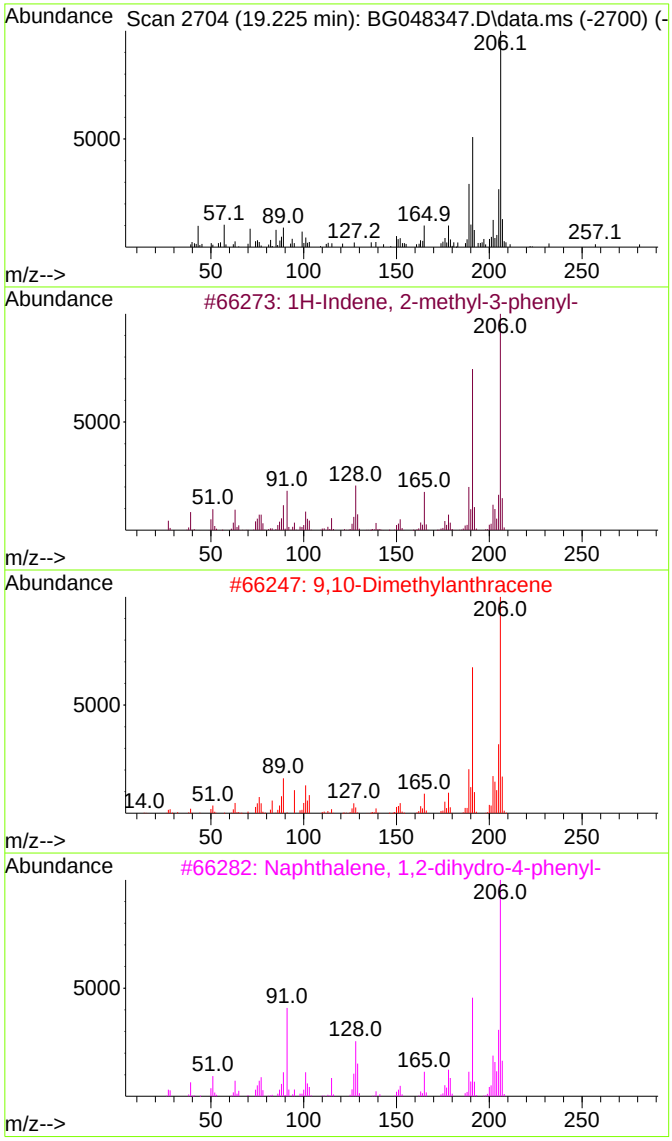
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

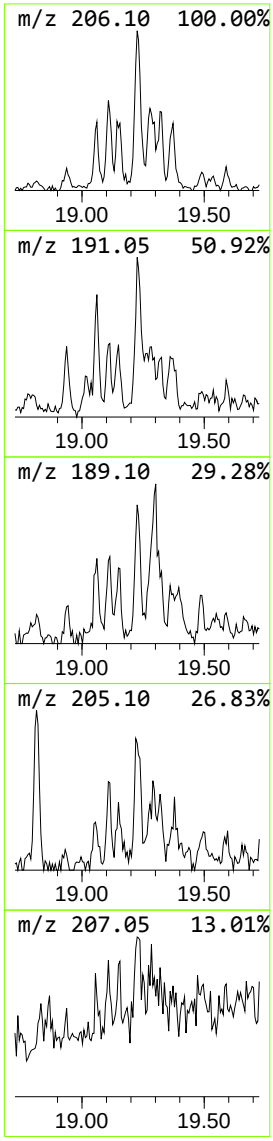
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.225	3.05 ng	88574	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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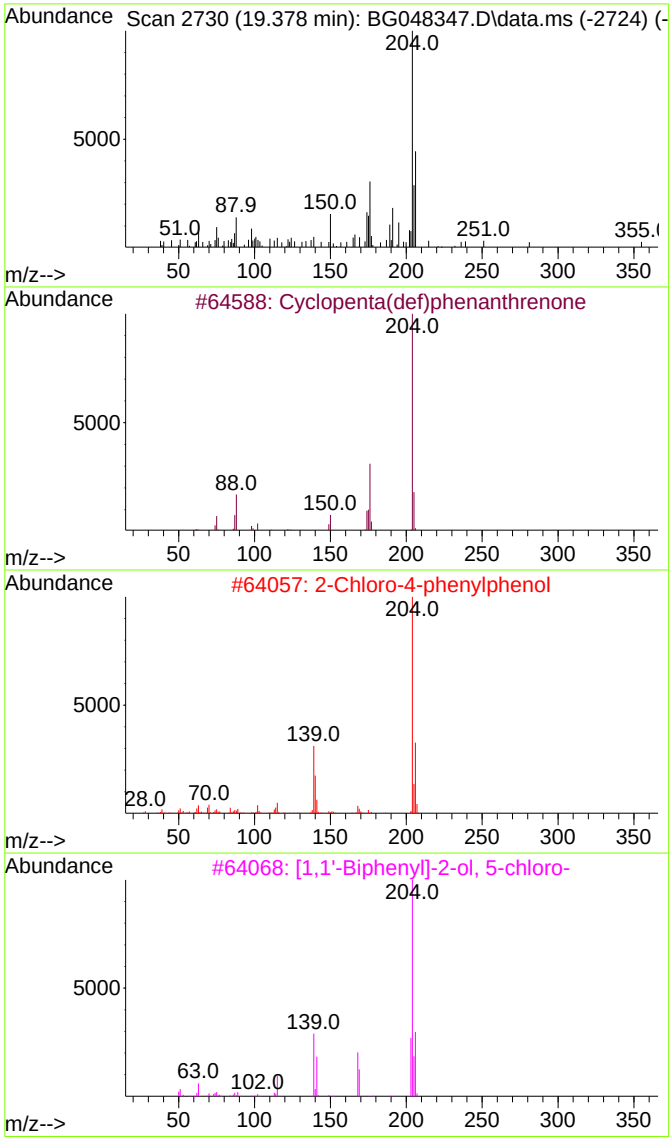
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

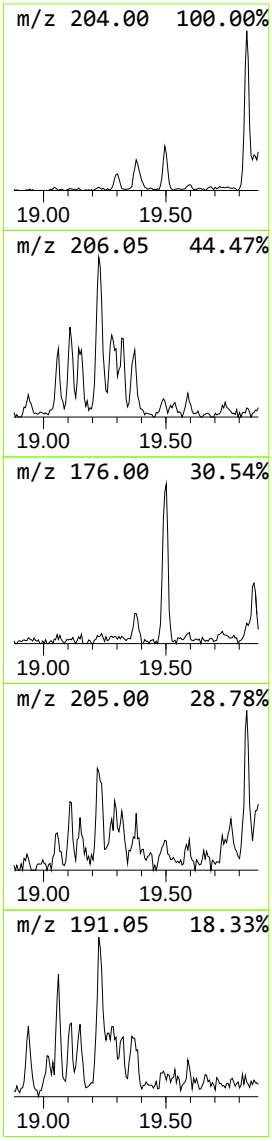
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.378	2.36 ng	68443	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	49
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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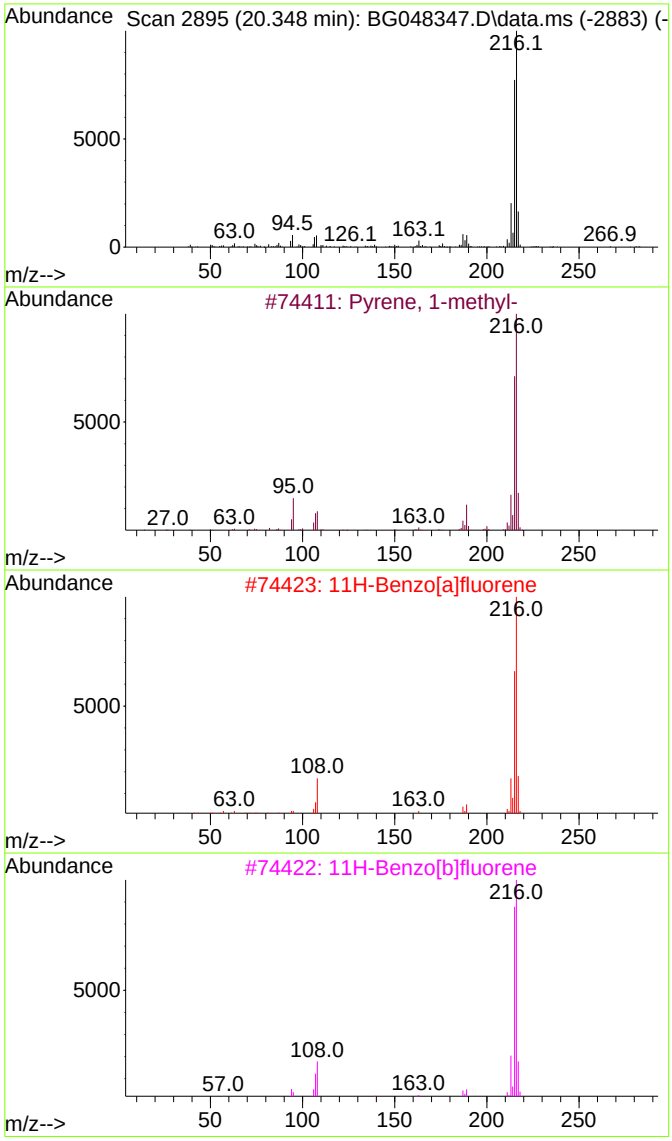
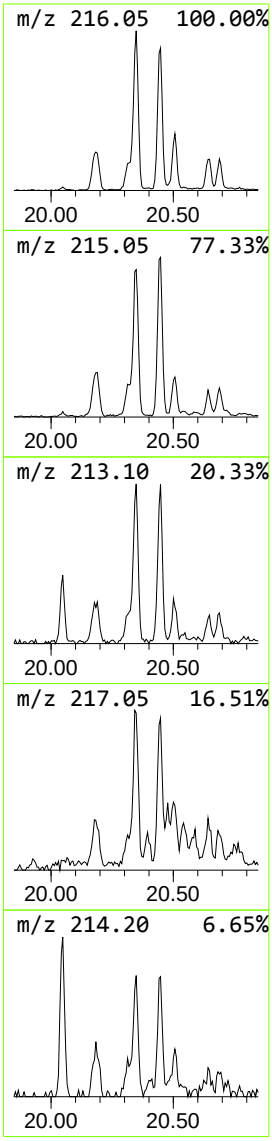
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.348	5.63 ng	439639	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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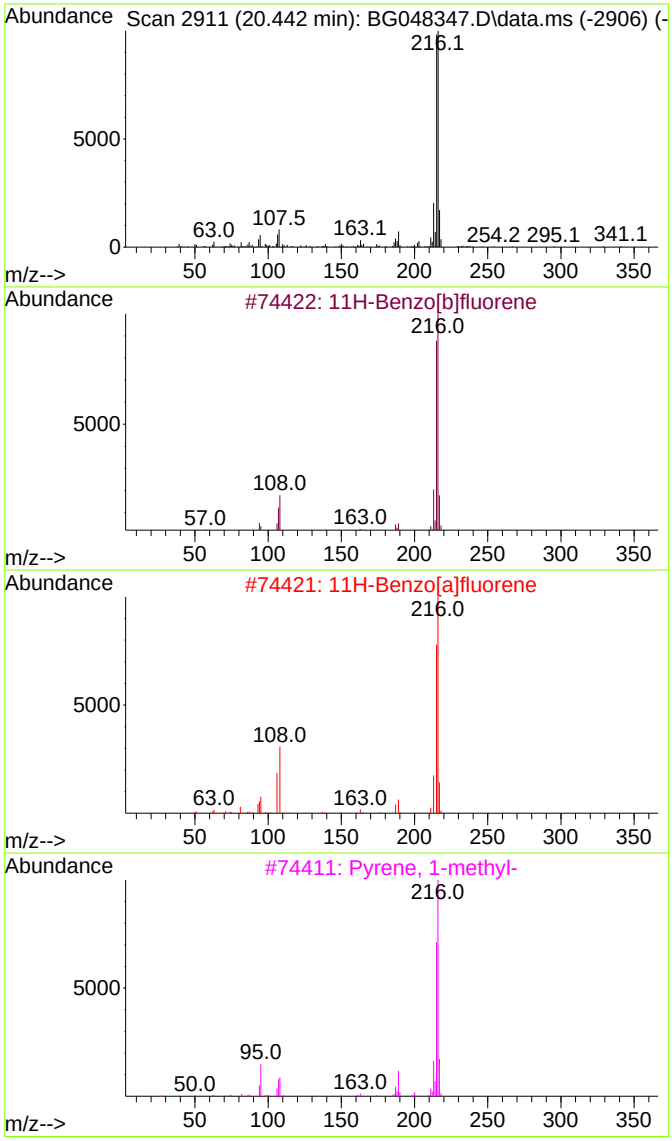
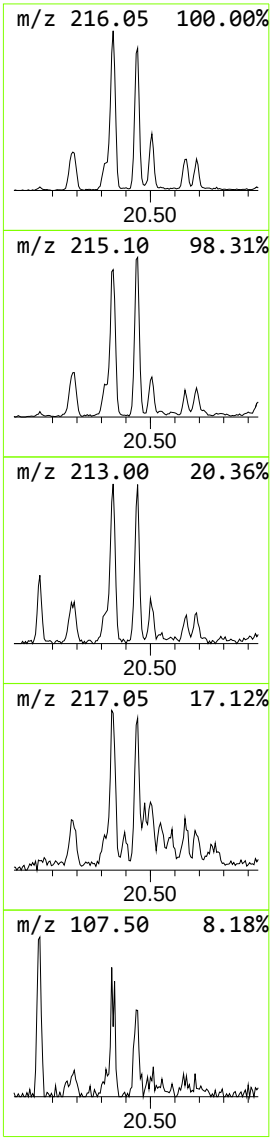
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.442	3.95 ng	308519	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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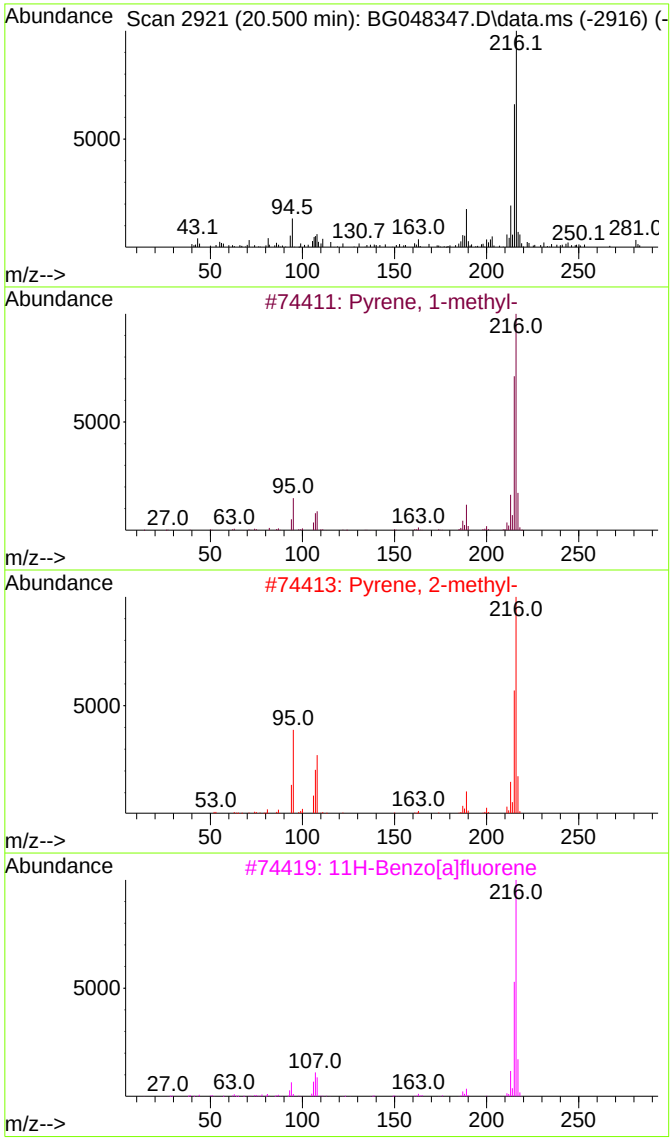
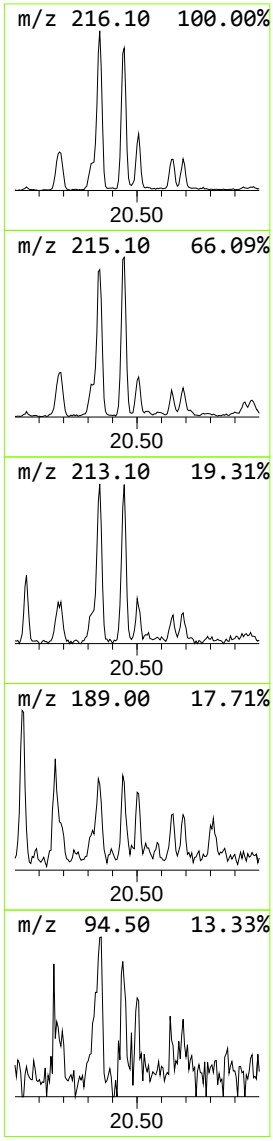
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.500	2.13 ng	166242	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	58





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

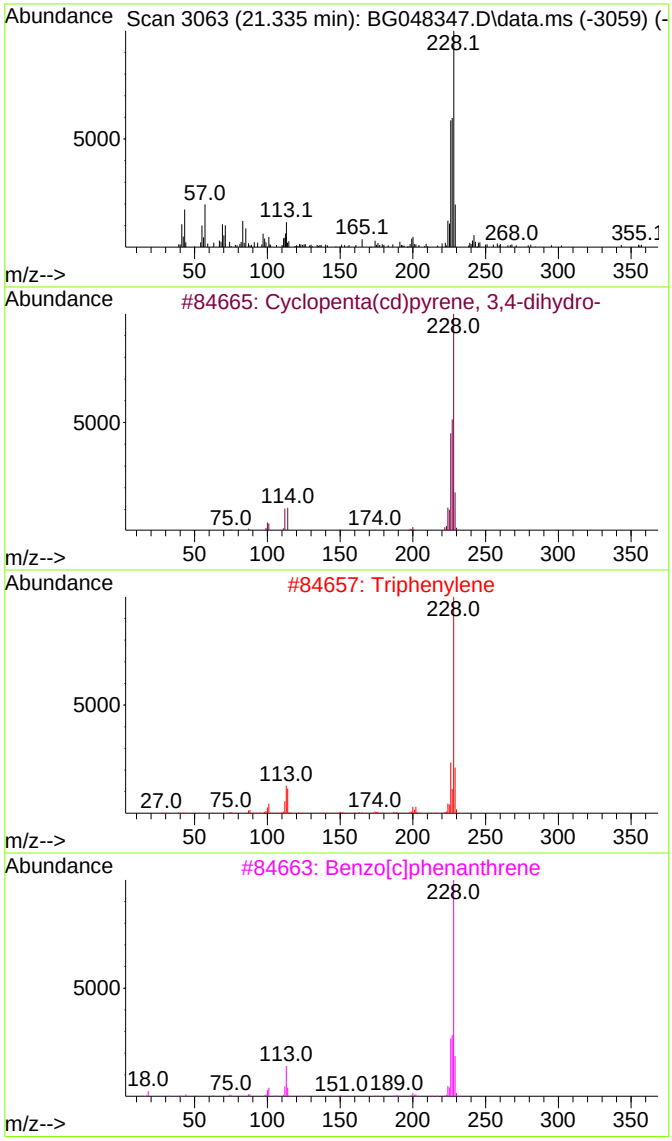
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

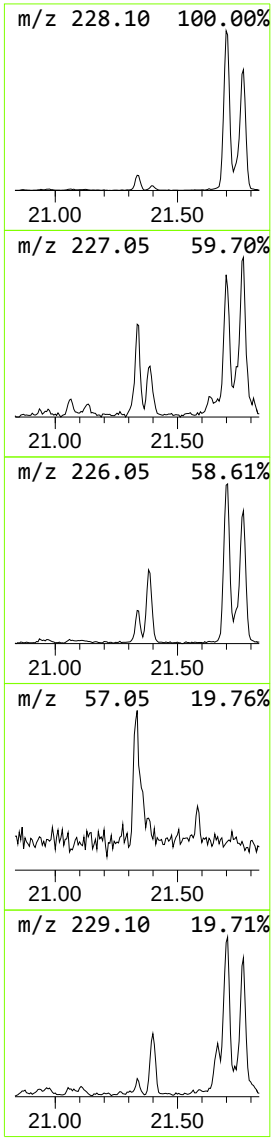
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.335	2.11 ng	165032	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Triphenylene	228	C18H12	000217-59-4	49
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
4	Benz[a]anthracene	228	C18H12	000056-55-3	46
5	Chrysene	228	C18H12	000218-01-9	43





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Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

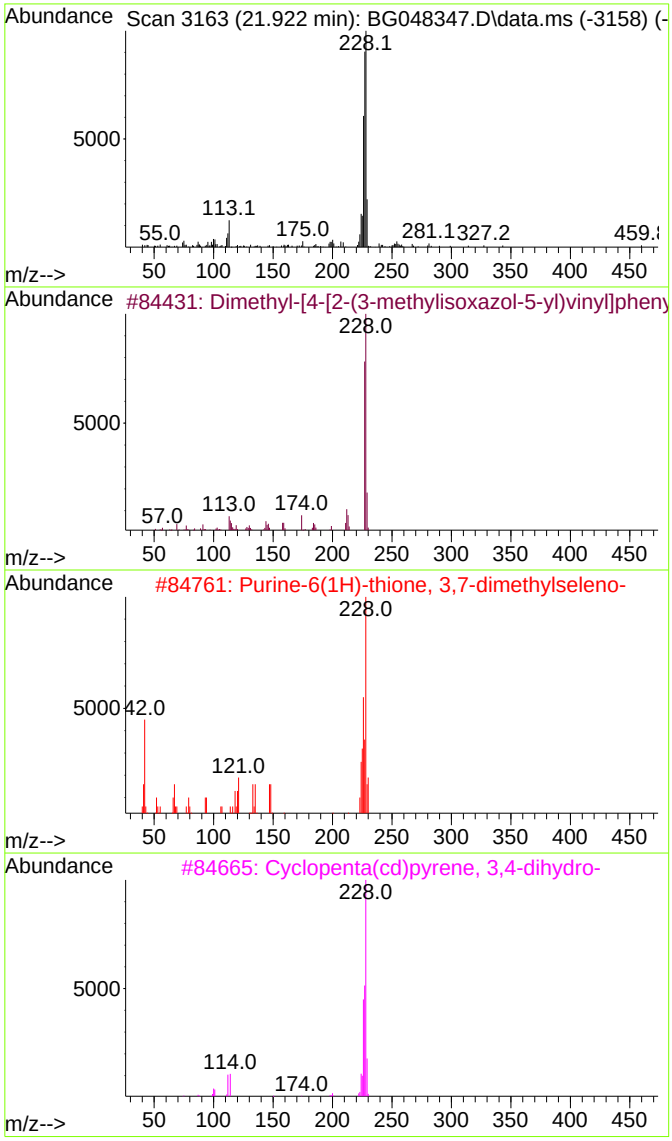
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

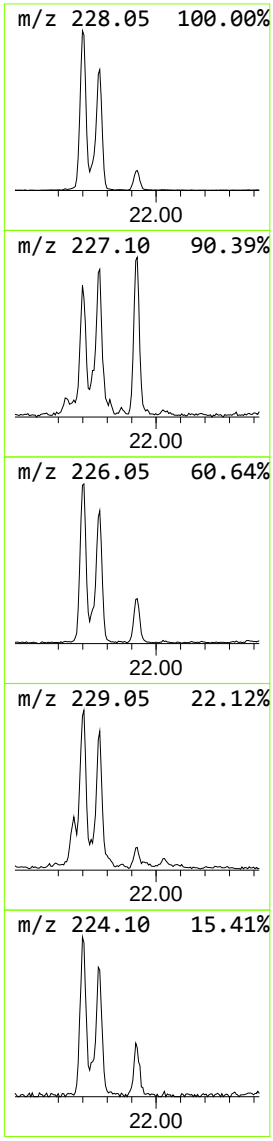
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dimethyl-[4-[2-(3-methyliso... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.922	2.29 ng	179208	Chrysene-d12	21.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	53
2	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	49
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
4	Triphenylene	228	C18H12	000217-59-4	43
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

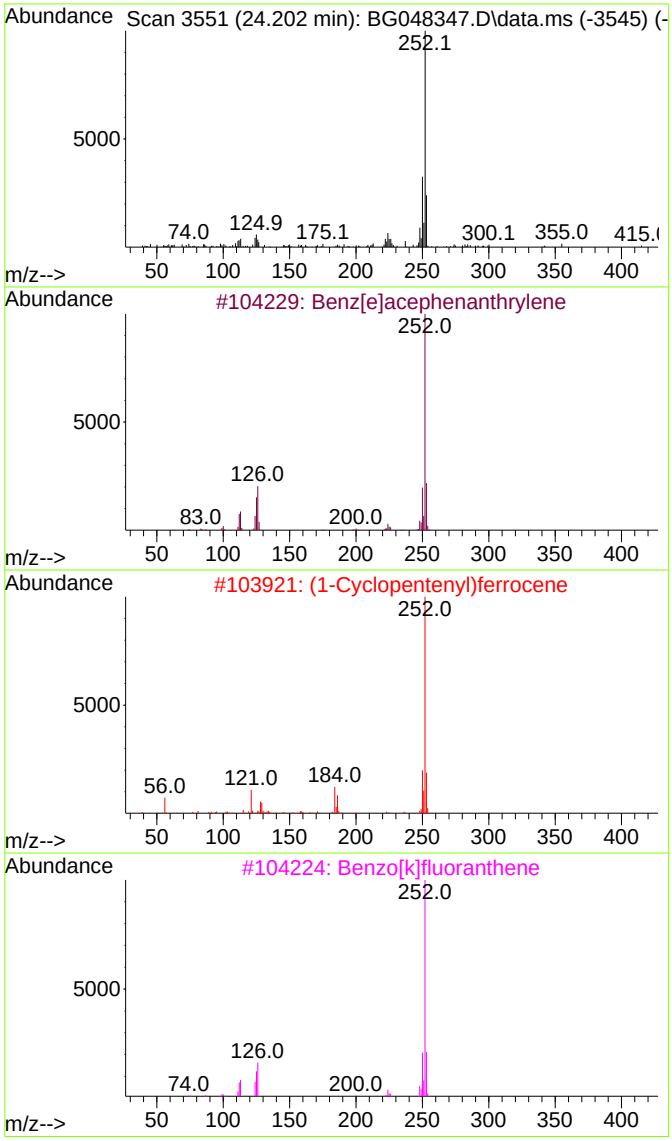
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

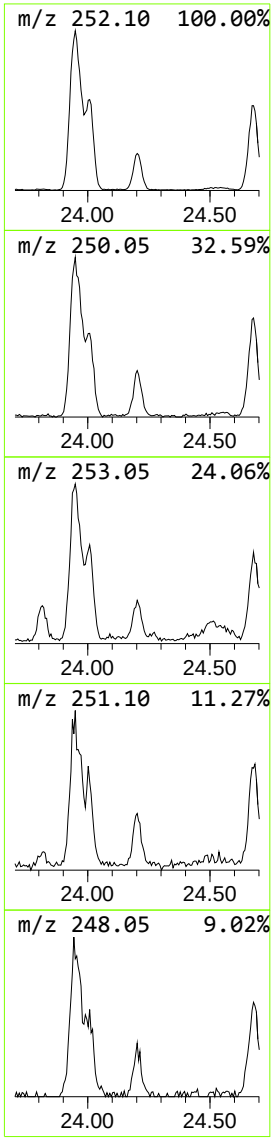
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (1-Cyclopentenyl)ferrocene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.202	4.94 ng	162974	Perylene-d12	24.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
2	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
4	Benzo[e]pyrene	252	C20H12	000192-97-2	64
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

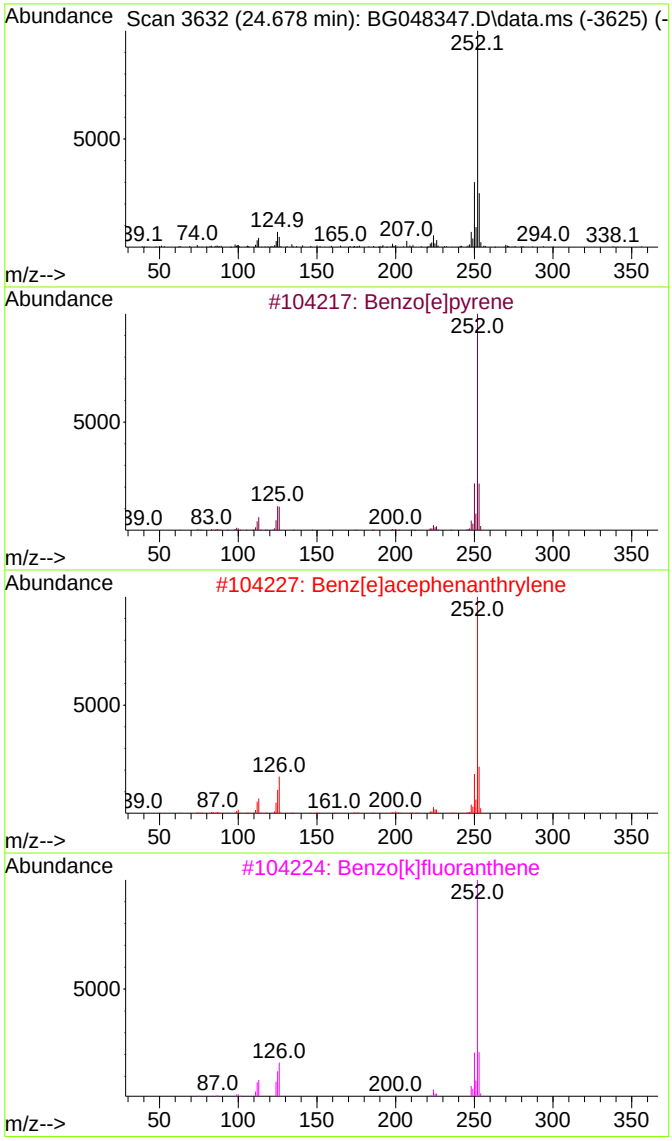
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

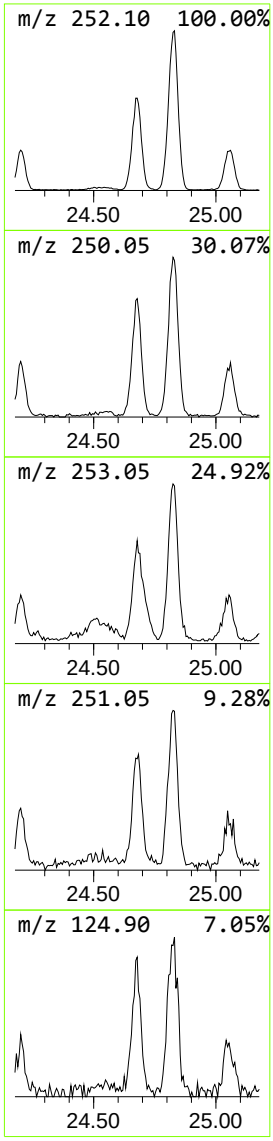
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.678	12.34 ng	406842	Perylene-d12	24.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048347.D
Acq On : 5 Mar 2021 21:08
Operator : CG/JU
Sample : M1565-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown5.154	5.154	2.3	ng	23651	1	8.068	209673	20.0
Tiocarlide	13.591	11.8	ng	285041	3	14.701	483810	20.0
unknown15.806	15.806	2.8	ng	68817	3	14.701	483810	20.0
9H-Fluorene, 1-...	16.752	2.1	ng	61593	4	17.451	581182	20.0
Dibenzothiophene	17.269	2.6	ng	74896	4	17.451	581182	20.0
Phenanthrene, 1...	18.321	5.5	ng	158339	4	17.451	581182	20.0
Phenanthrene, 2...	18.373	7.0	ng	204839	4	17.451	581182	20.0
1H-Cyclopropa[l...	18.450	3.4	ng	97358	4	17.451	581182	20.0
4H-Cyclopenta[d...	18.520	11.3	ng	327811	4	17.451	581182	20.0
Naphthalene, 2-...	18.814	4.3	ng	125562	4	17.451	581182	20.0
unknown19.067	19.067	2.2	ng	62917	4	17.451	581182	20.0
1H-Indene, 2-me...	19.225	3.0	ng	88574	4	17.451	581182	20.0
Cyclopenta(def)...	19.378	2.4	ng	68443	4	17.451	581182	20.0
Pyrene, 1-methyl-	20.348	5.6	ng	439639	5	21.722	1562950	20.0
11H-Benzo[b]flu...	20.442	4.0	ng	308519	5	21.722	1562950	20.0
Pyrene, 2-methyl-	20.500	2.1	ng	166242	5	21.722	1562950	20.0
Cyclopenta(cd)p...	21.335	2.1	ng	165032	5	21.722	1562950	20.0
Dimethyl-[4-[2-...	21.922	2.3	ng	179208	5	21.722	1562950	20.0
(1-Cyclopenteny...	24.202	4.9	ng	162974	6	24.977	659393	20.0
Benzo[e]pyrene	24.678	12.3	ng	406842	6	24.977	659393	20.0