LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055129.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	8	13	28	rVB	196692	317672	13.93%	1.027%
2	5.373	349	355	364	rVB	80519	121771	5.34%	0.394%
3	5.849	429	436	445	rVB	342129	548206	24.03%	1.772%
4	7.453	699	709	719	rBV	358749	623412	27.33%	2.015%
5	8.329	852	858	869	rVB	103939	176415	7.73%	0.570%
6	9.498	1049	1057	1064	rBV	204014	364664	15.99%	1.179%
7	10.902	1289	1296	1303	rBV2	16703	27546	1.21%	0.089%
8	11.161	1332	1340	1345	rBV	148210	277374	12.16%	0.896%
9	11.208	1345	1348	1356	rVB	37962	60597	2.66%	0.196%
10	12.788	1609	1617	1624	rBV	20304	33110	1.45%	0.107%
11	13.006	1648	1654	1660	rVB	22268	34255	1.50%	0.111%
12	13.564	1742	1749	1757	rVB	560718	842285	36.92%	2.722%
13	14.116	1834	1843	1850	rBV6	10267	26085	1.14%	0.084%
14	14.257	1860	1867	1872	rBV	21676	35917	1.57%	0.116%
15	14.657	1930	1935	1946	rBV2	15050	28147	1.23%	0.091%
16	14.933	1976	1982	1988	rVB	270891	427186	18.73%	1.381%
17	14.997	1988	1993	1999	rVB	94850	141516	6.20%	0.457%
18	15.326	2042	2049	2055	rBV	62269	101776	4.46%	0.329%
19	15.973	2152	2159	2169	rBV	133471	204643	8.97%	0.661%
20	16.131	2183	2186	2191	rVB3	18577	27027	1.18%	0.087%
21	16.261	2204	2208	2216	rVB	32616	54172	2.37%	0.175%
22	16.407	2223	2233	2240	rBV	603197	945297	41.44%	3.055%
23	16.631	2268	2271	2278	rVB4	14135	24060	1.05%	0.078%
24	16.971	2317	2329	2333	rBV3	35679	87825	3.85%	0.284%
25	17.018	2333	2337	2342	rVV3	19558	29769	1.30%	0.096%
26	17.118	2349	2354	2358	rVB3	20543	33450	1.47%	0.108%
27	17.189	2360	2366	2370	rBV4	18107	37940	1.66%	0.123%
28	17.318	2383	2388	2395	rVB3	23544	37176	1.63%	0.120%
29	17.395	2395	2401	2404	rBV3	24272	46361	2.03%	0.150%
30	17.489	2412	2417	2424	rVB	65788	105309	4.62%	0.340%
31	17.671	2441	2448	2451	rBV	357440	583199	25.57%	1.885%
32	17.712	2451	2455	2461	rVV	997764	1503801	65.92%	4.860%
33	17.800	2461	2470	2475	rVV	246015	389378	17.07%	1.258%
34	17.853	2475	2479	2485	rVB	27003	49198	2.16%	0.159%
35	18.058	2504	2514	2522	rBV	104951	195247	8.56%	0.631%
36	18.182	2531	2535	2539	rBV2	21984	32497	1.42%	0.105%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
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Acq On : 11 Oct 2022 16:33
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Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.246	2542	2546	2552	rVB2	20167	29930	1.31%	0.097%
38	18.387	2566	2570	2577	rVB	18677	35039	1.54%	0.113%
39	18.534	2589	2595	2599	rBV	126619	196192	8.60%	0.634%
40	18.581	2599	2603	2609	rVV	155250	238441	10.45%	0.771%
41	18.664	2612	2617	2622	rBV	67168	97784	4.29%	0.316%
42	18.734	2622	2629	2633	rBV3	248727	465460	20.40%	1.504%
43	18.769	2633	2635	2640	rVB2	97787	114203	5.01%	0.369%
44	18.816	2640	2643	2649	rBV5	16949	27145	1.19%	0.088%
45	18.952	2660	2666	2673	rVB5	115807	190139	8.33%	0.614%
46	19.022	2673	2678	2682	rBV	112232	158972	6.97%	0.514%
47	19.063	2682	2685	2690	rVB2	48791	68424	3.00%	0.221%
48	19.122	2691	2695	2699	rBV3	37434	60366	2.65%	0.195%
49	19.263	2711	2719	2725	rBV	1012664	1299419	56.96%	4.199%
50	19.316	2725	2728	2731	rVV	25299	31258	1.37%	0.101%
51	19.357	2731	2735	2738	rVB	21334	29065	1.27%	0.094%
52	19.433	2743	2748	2755	rBV	104043	215691	9.46%	0.697%
53	19.574	2768	2772	2782	rBV7	50567	124515	5.46%	0.402%
54	19.704	2787	2794	2798	rVV	1604998	2281227	100.00%	7.372%
55	19.745	2798	2801	2806	rVV	698079	877441	38.46%	2.836%
56	19.792	2806	2809	2813	rVB	46197	57900	2.54%	0.187%
57	19.939	2828	2834	2842	rVV2	59794	122991	5.39%	0.397%
58	20.027	2842	2849	2851	rVV3	252510	475305	20.84%	1.536%
59	20.062	2851	2855	2861	rVV	1250132	1857454	81.42%	6.003%
60	20.121	2861	2865	2871	rVB2	71937	116518	5.11%	0.377%
61	20.244	2879	2886	2890	rBV	925096	1296551	56.84%	4.190%
62	20.291	2890	2894	2900	rVB	62123	101993	4.47%	0.330%
63	20.385	2901	2910	2914	rBV4	109366	281051	12.32%	0.908%
64	20.426	2914	2917	2919	rVV	26373	33597	1.47%	0.109%
65	20.462	2919	2923	2926	rVV	117105	161293	7.07%	0.521%
66	20.538	2926	2936	2942	rVB2	264698	545055	23.89%	1.762%
67	20.638	2949	2953	2957	rBV2	206142	273231	11.98%	0.883%
68	20.697	2957	2963	2967	rVV2	111194	217540	9.54%	0.703%
69	20.738	2967	2970	2972	rVV2	43734	56050	2.46%	0.181%
70	20.767	2973	2975	2983	rVB5	51344	77010	3.38%	0.249%
71	20.843	2983	2988	2991	rBV	81194	120077	5.26%	0.388%
72	20.890	2992	2996	3004	rVB	71638	130155	5.71%	0.421%
73	21.031	3017	3020	3025	rVB	95029	114747	5.03%	0.371%
74	21.272	3058	3061	3065	rBV3	26394	48788	2.14%	0.158%
75	21.325	3066	3070	3078	rVB	68179	124631	5.46%	0.403%
76	21.519	3096	3103	3106	rBV2	103228	190016	8.33%	0.614%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.566	3106	3111	3115	rVV	199510	319012	13.98%	1.031%
78	21.613	3115	3119	3124	rVV2	109073	210324	9.22%	0.680%
79	21.666	3125	3128	3139	rVB2	77022	147015	6.44%	0.475%
80	21.942	3169	3175	3183	rBV2	686361	1805194	79.13%	5.834%
81	22.013	3183	3187	3200	rVB	532414	957680	41.98%	3.095%
82	22.142	3206	3209	3211	rBV	53841	72952	3.20%	0.236%
83	22.177	3211	3215	3221	rVB	96227	165681	7.26%	0.535%
84	22.389	3245	3251	3258	rBV	89834	181715	7.97%	0.587%
85	22.800	3316	3321	3331	rVB3	96457	226408	9.92%	0.732%
86	22.964	3345	3349	3354	rVB4	33075	60334	2.64%	0.195%
87	23.023	3356	3359	3364	rBV2	36319	63915	2.80%	0.207%
88	24.310	3569	3578	3586	rBV	348527	1242597	54.47%	4.016%
89	24.580	3619	3624	3633	rVB	68239	163841	7.18%	0.530%
90	25.085	3702	3710	3725	rVB2	212604	676944	29.67%	2.188%
91	25.244	3728	3737	3752	rVB	323529	1002627	43.95%	3.240%
92	25.409	3756	3765	3773	rBV2	201624	666307	29.21%	2.153%
93	26.678	3975	3981	3993	rVB10	22708	71237	3.12%	0.230%
94	28.152	4225	4232	4233	rBV6	16194	29317	1.29%	0.095%
95	29.375	4427	4440	4461	rVB3	145305	787994	34.54%	2.547%
96	29.621	4474	4482	4483	rBV8	12297	29384	1.29%	0.095%
97	30.608	4637	4650	4667	rVB2	109301	545106	23.90%	1.762%

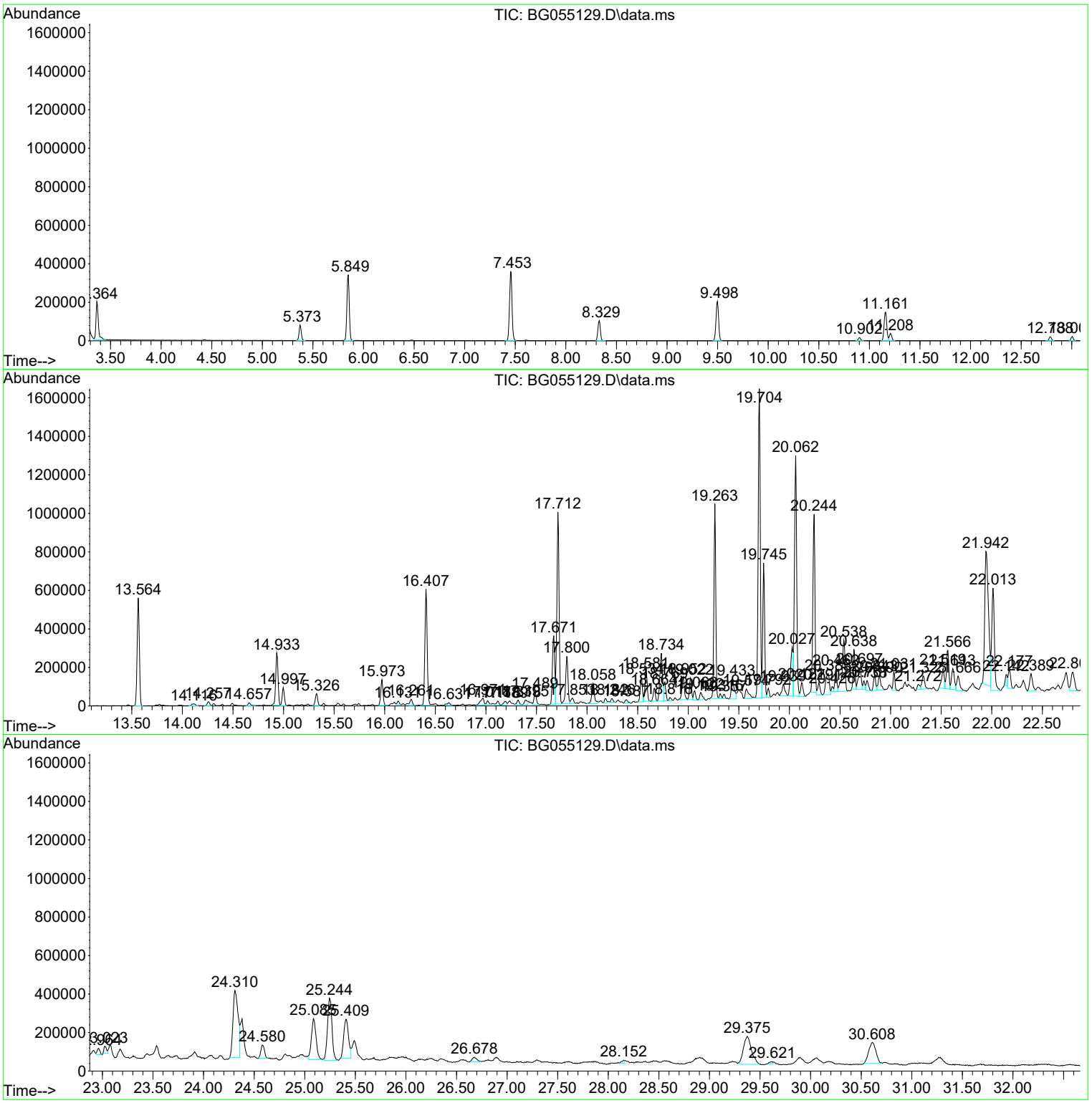
Sum of corrected areas: 30942531

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

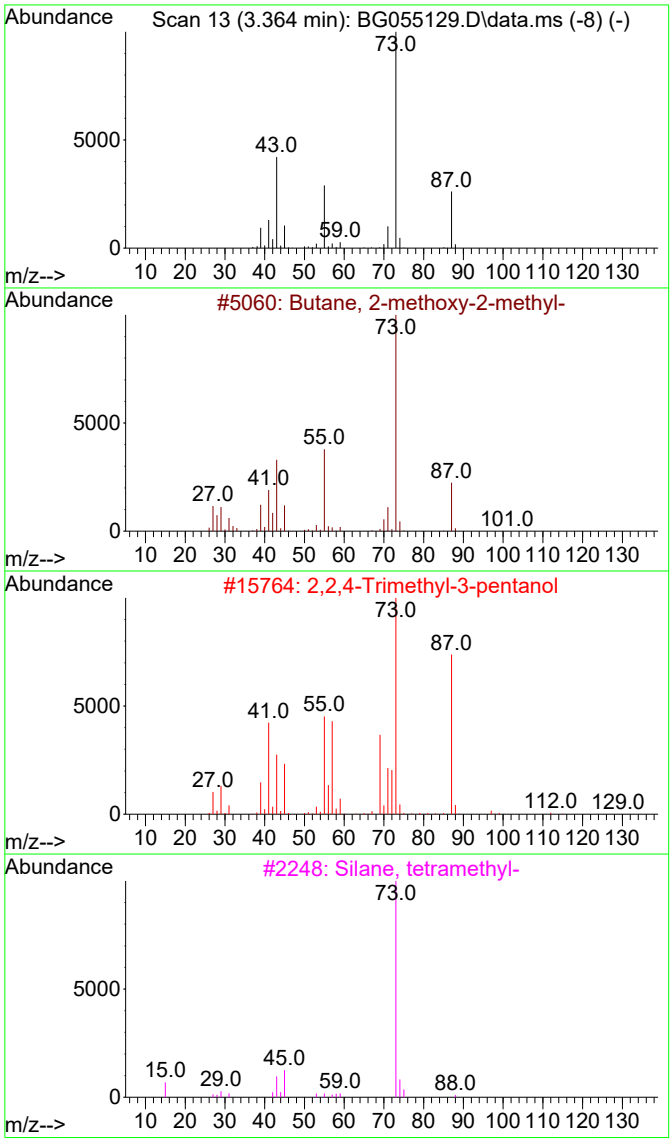
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

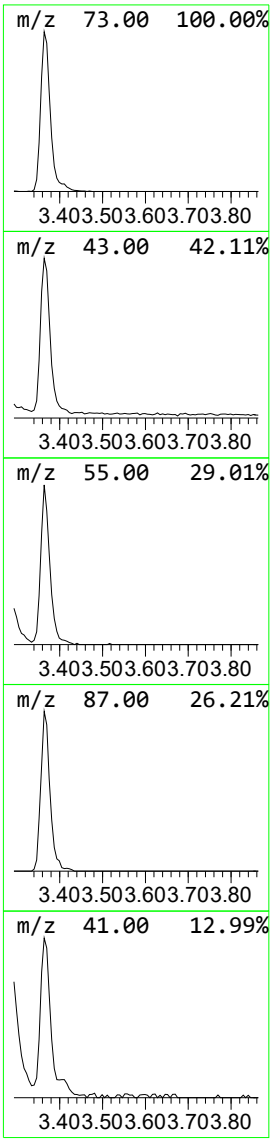
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.364	36.01 ng	317672	1,4-Dichlorobenzene-d4	8.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

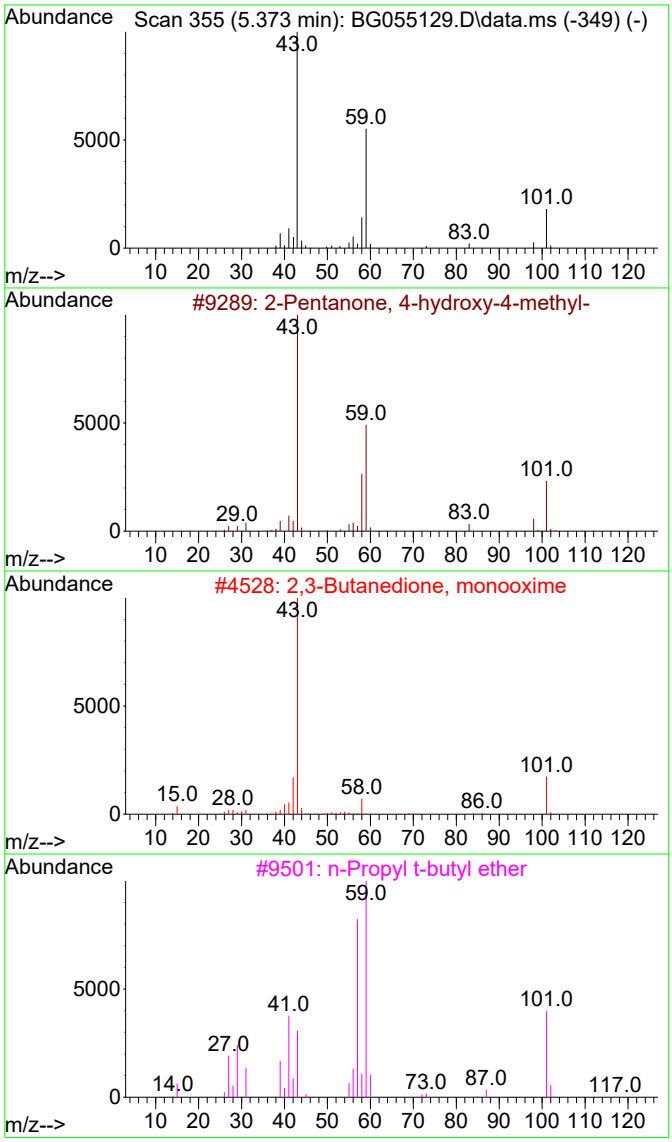
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

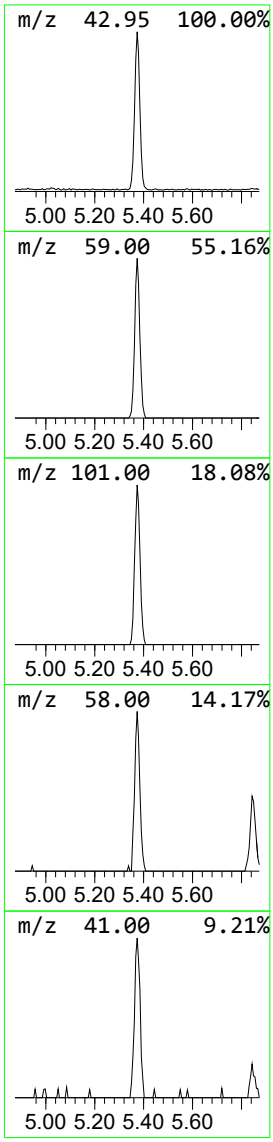
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.373	13.81 ng	121771	1,4-Dichlorobenzene-d4	8.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

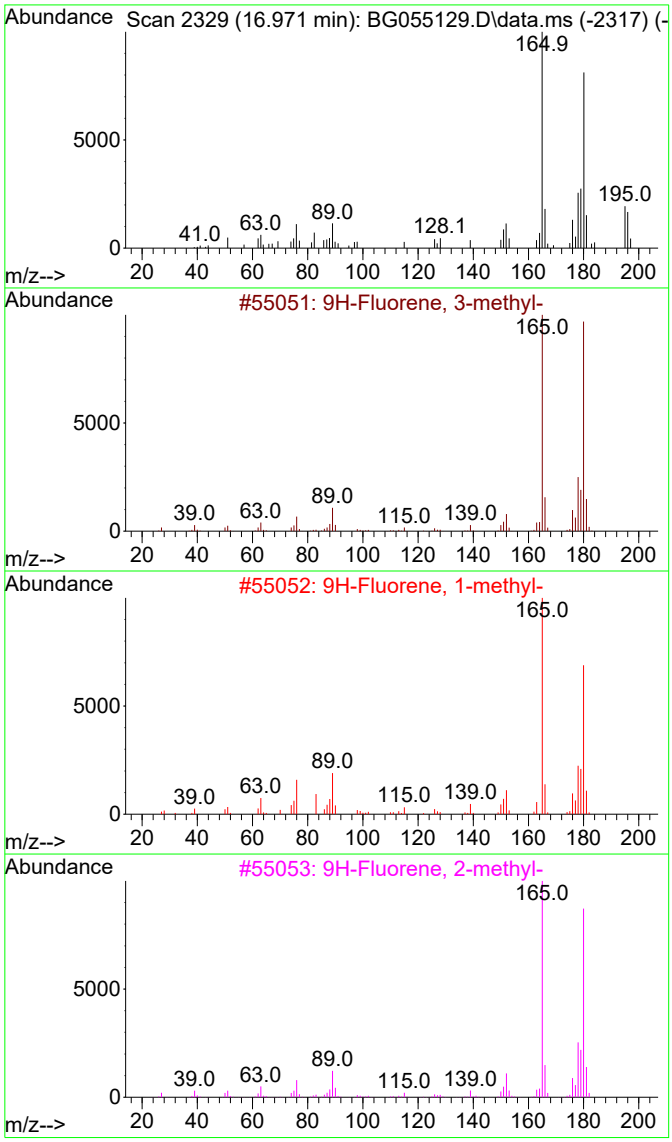
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

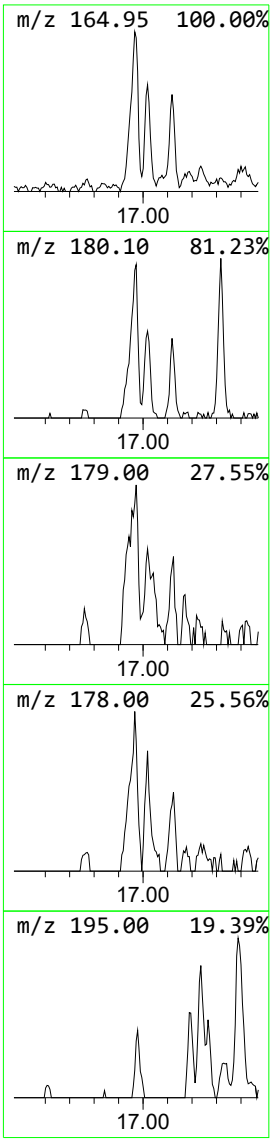
****

Peak Number 3 9H-Fluorene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.971	3.01 ng	87825	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

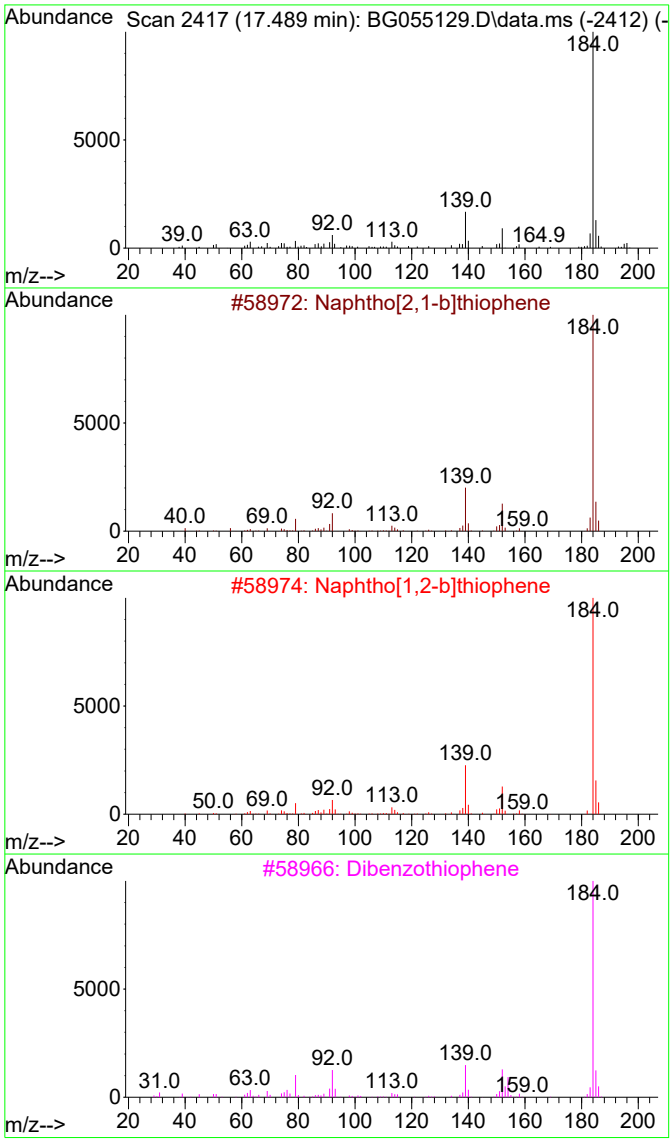
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

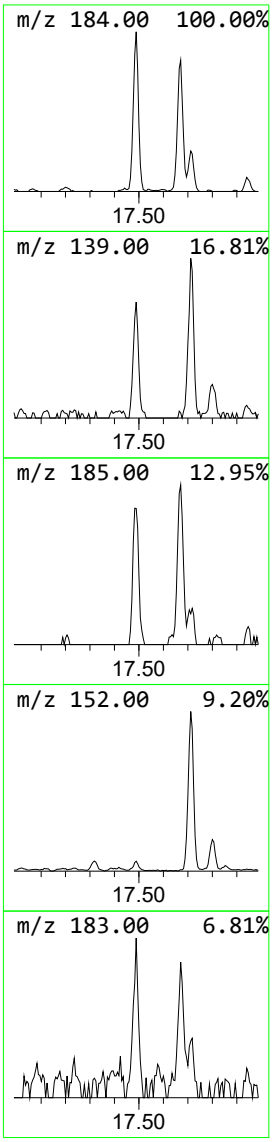
****

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.488	3.61 ng	105309	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

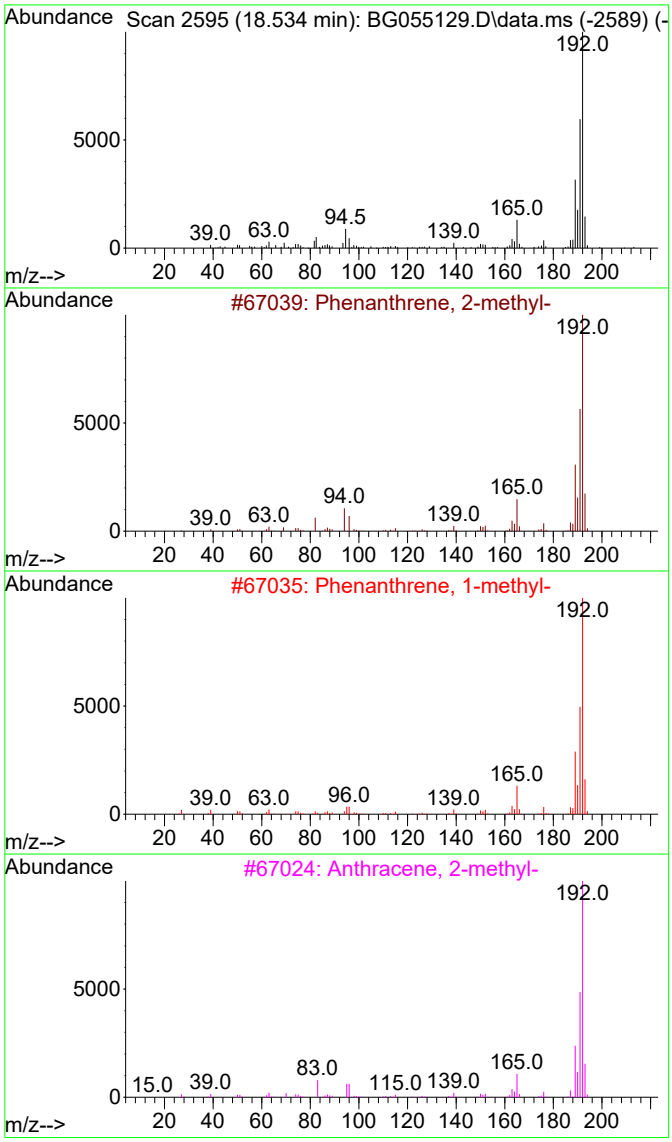
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

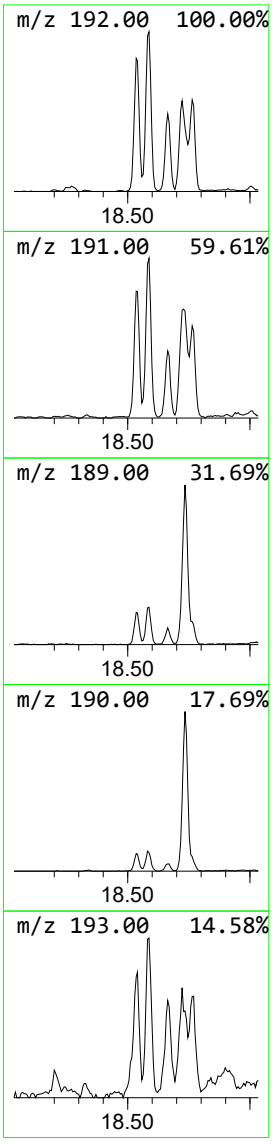
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.534	6.73 ng	196192	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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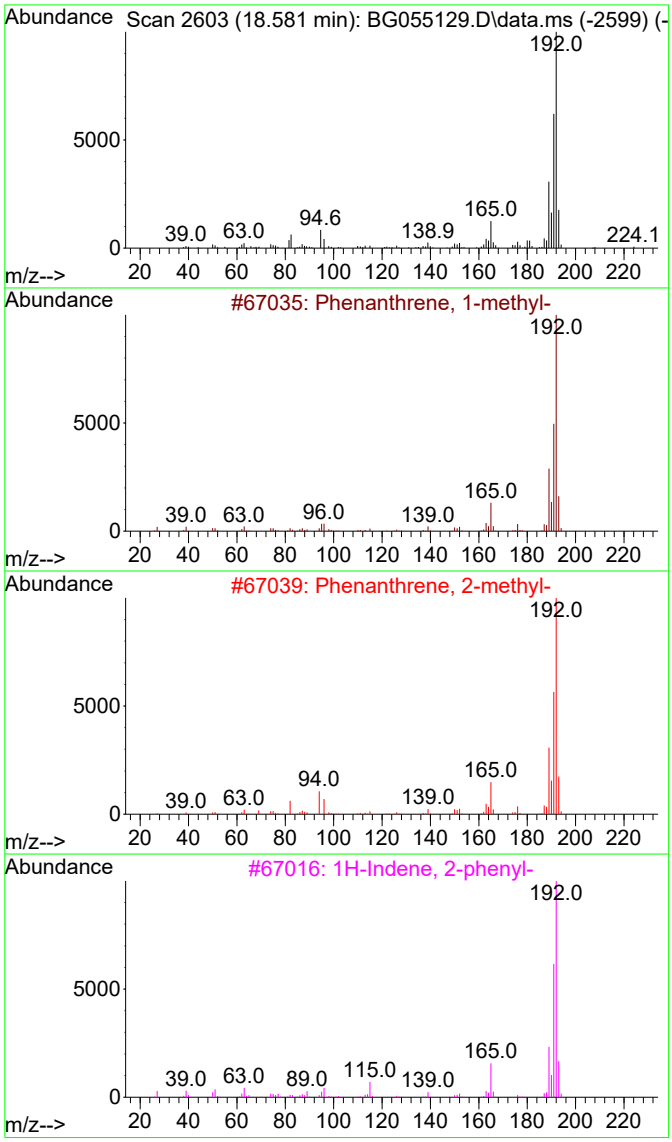
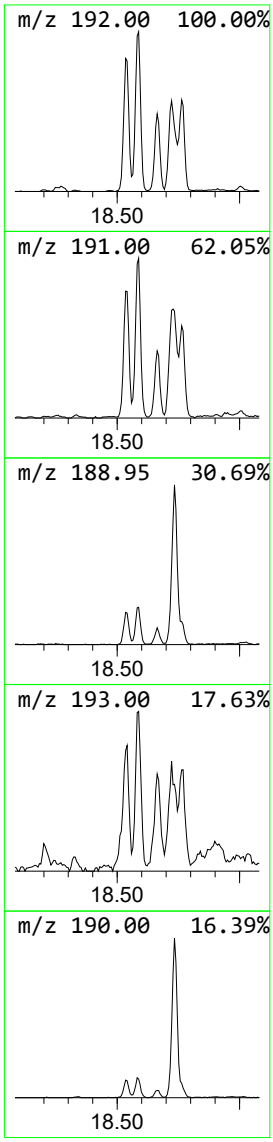
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.581	8.18 ng	238441	Phenanthrene-d10	17.671

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	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

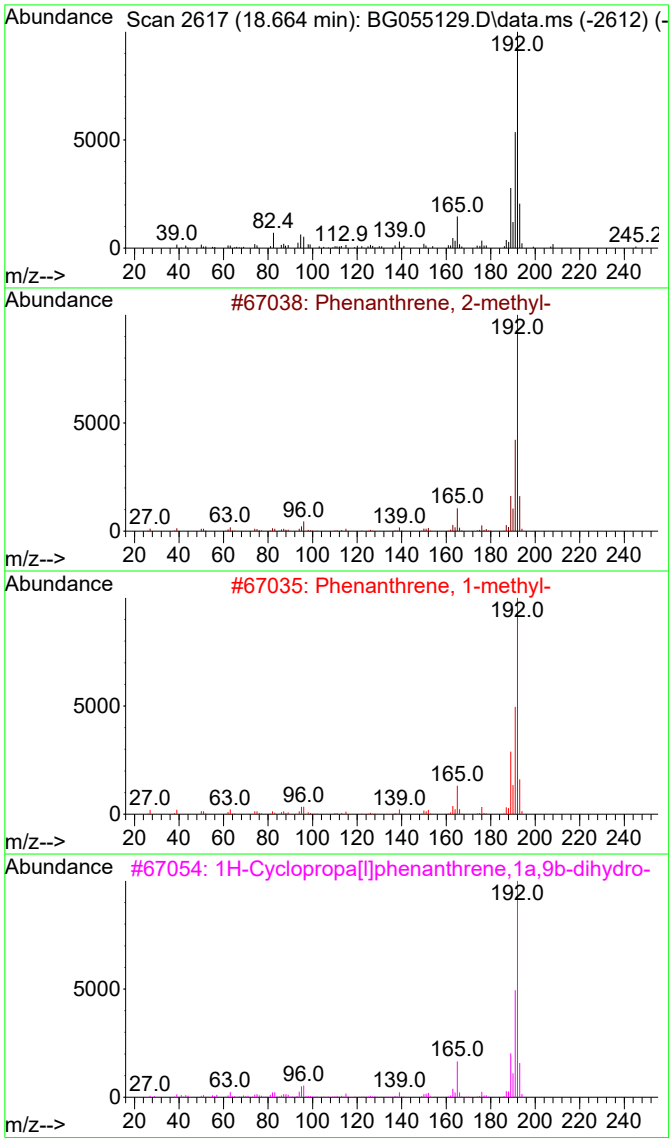
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

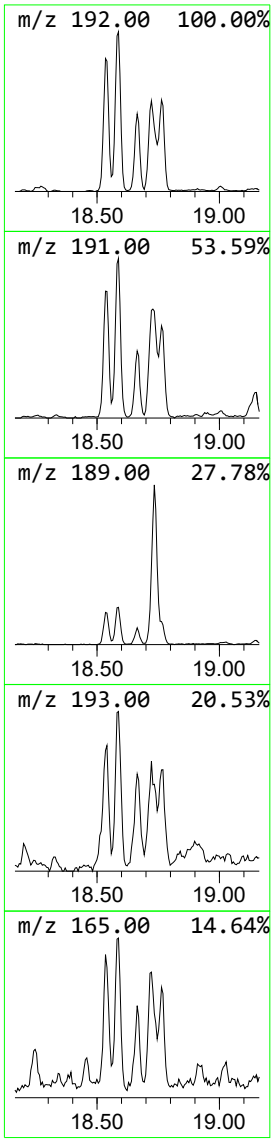
****

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.664	3.35 ng	97784	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C11(10-11)

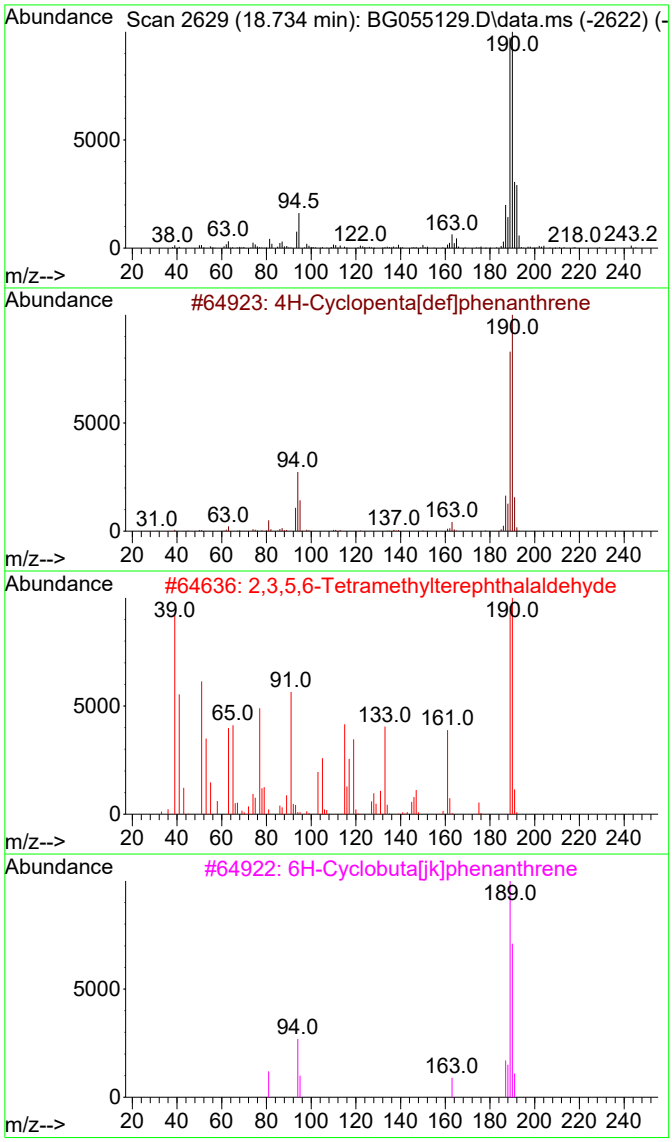
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

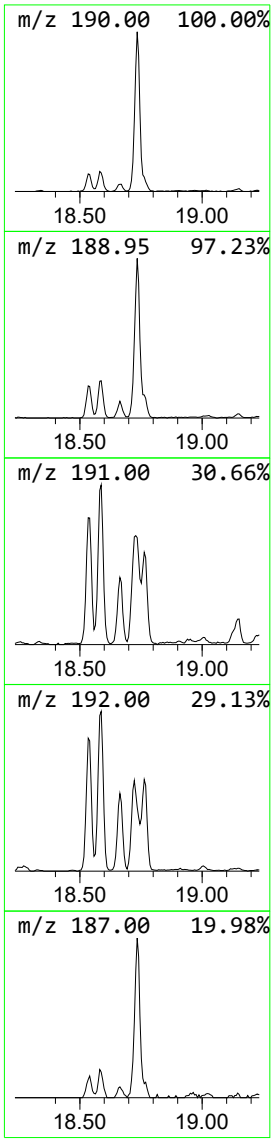
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.734	15.96 ng	465460	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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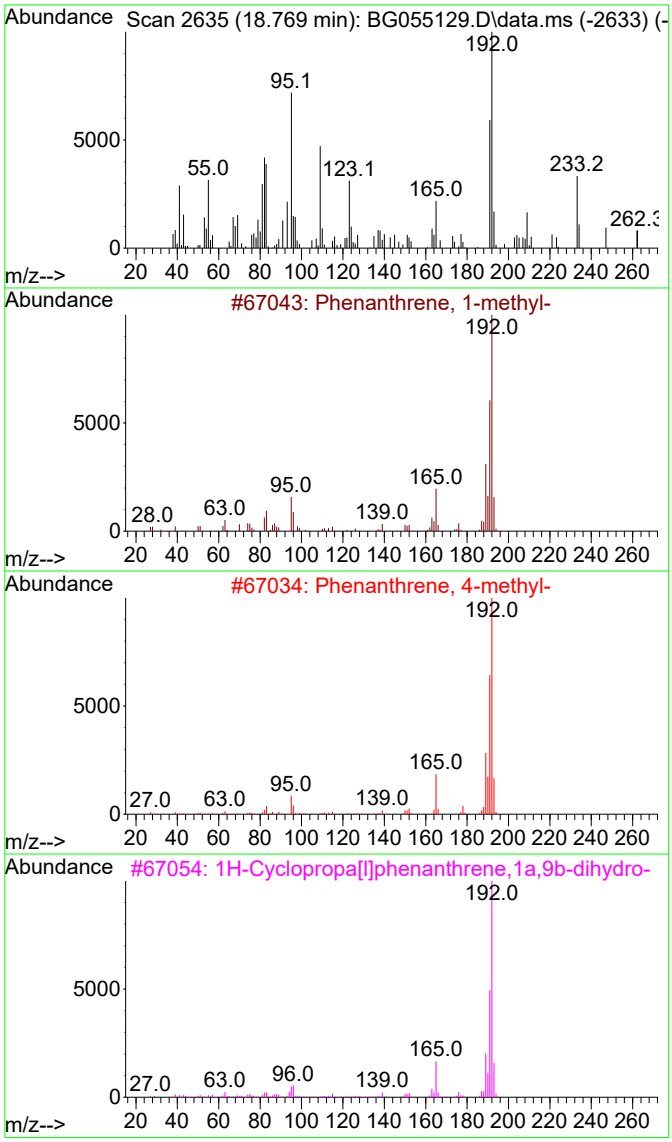
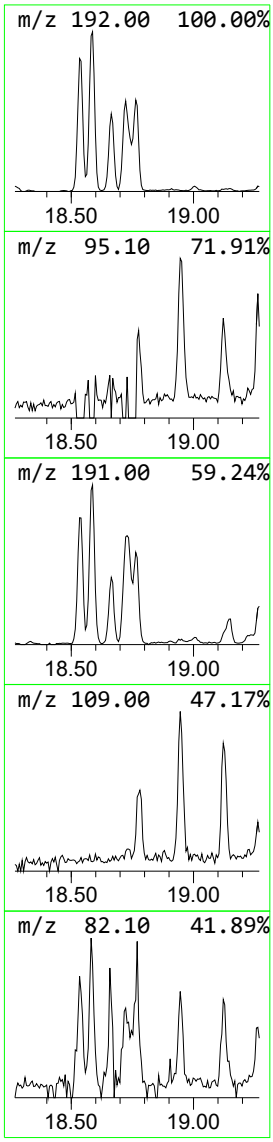
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	3.92 ng	114203	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	50





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Instrument :
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ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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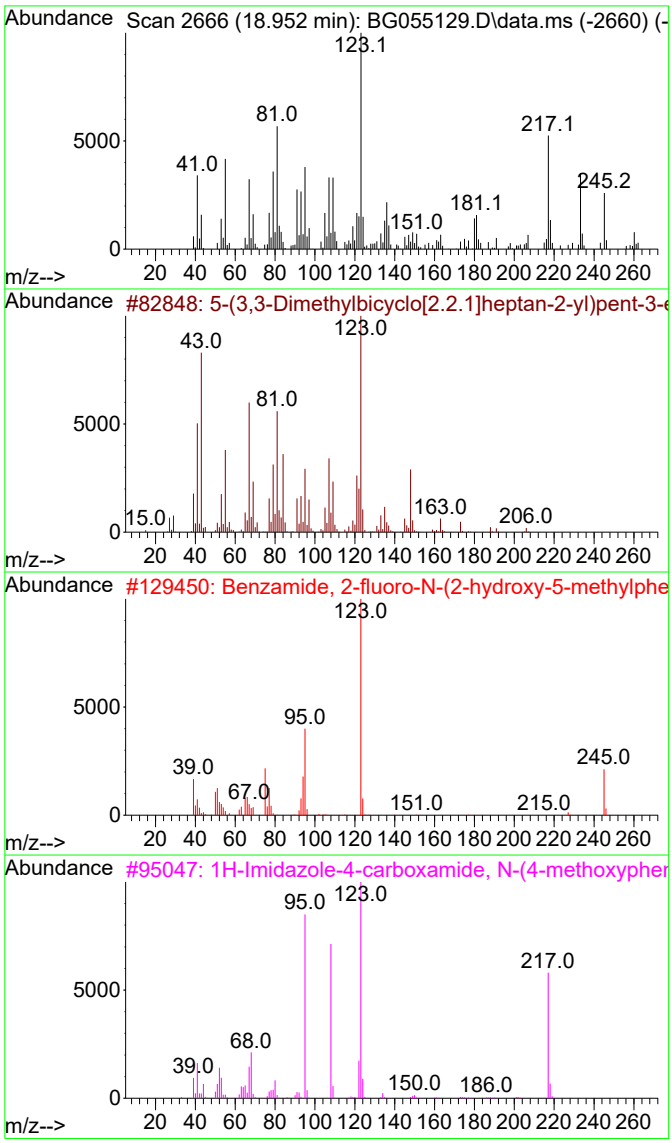
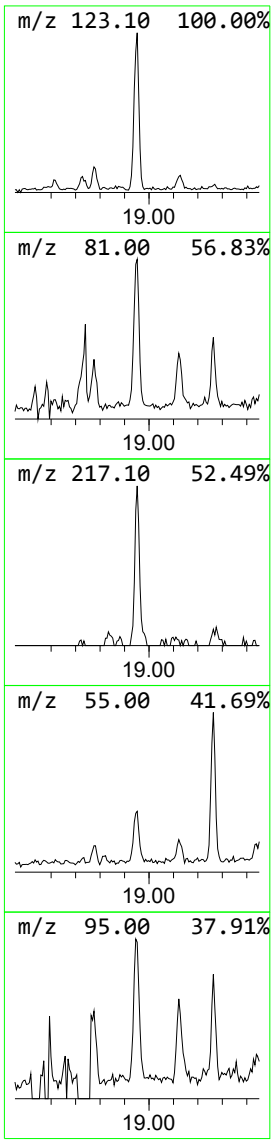
Peak Number 10 unknown18.951 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	6.52 ng	190139	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(3,3-Dimethylbicyclo[2.2.1]hep...	206	C14H22O	1000497-97-7	43
2	Benzamide, 2-fluoro-N-(2-hydroxy...	245	C14H12FNO2	1000362-77-9	43
3	1H-Imidazole-4-carboxamide, N-(4...	217	C11H11N3O2	1010319-03-8	43
4	2-(1-Hydroxycycloheptyl)-furan	180	C11H16O2	115754-89-7	42
5	Octopamine	153	C8H11NO2	000104-14-3	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

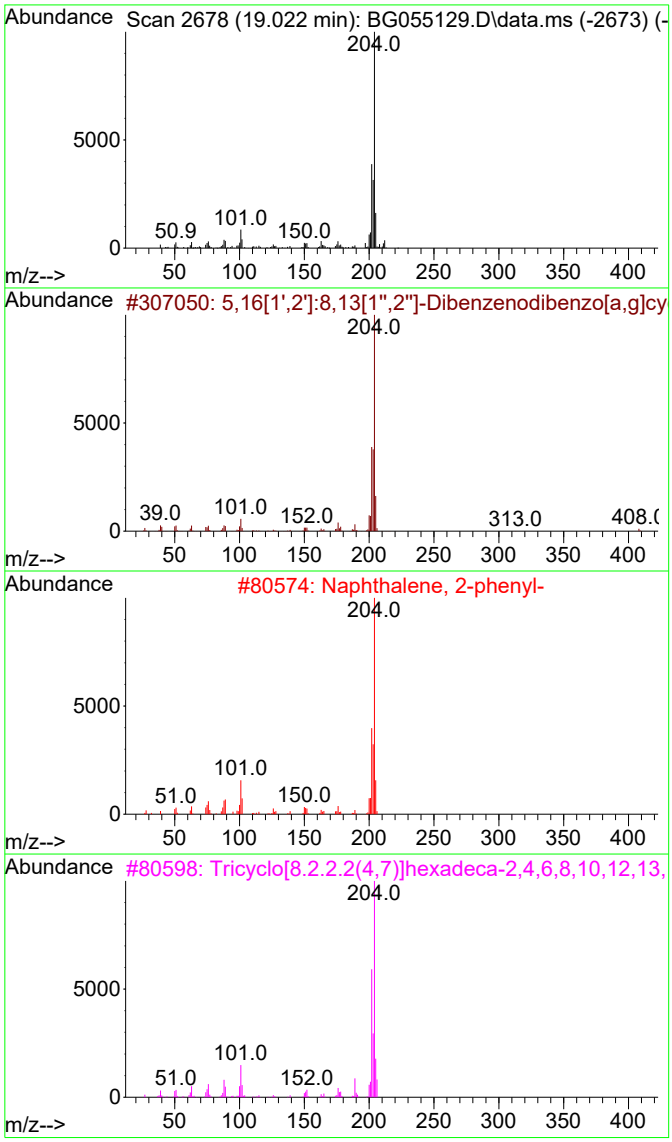
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

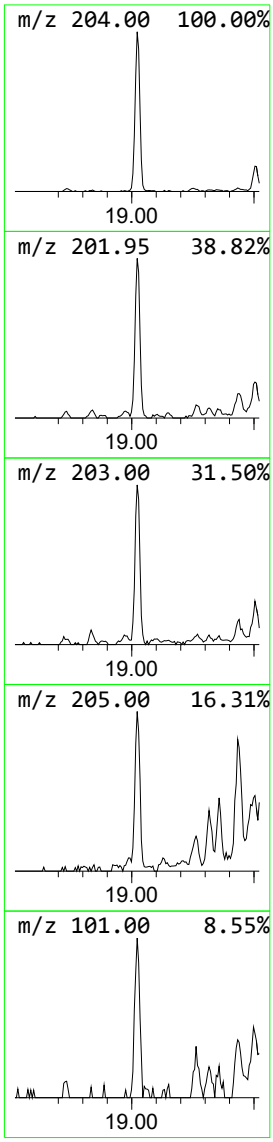
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	5.45 ng	158972	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C11(10-11)

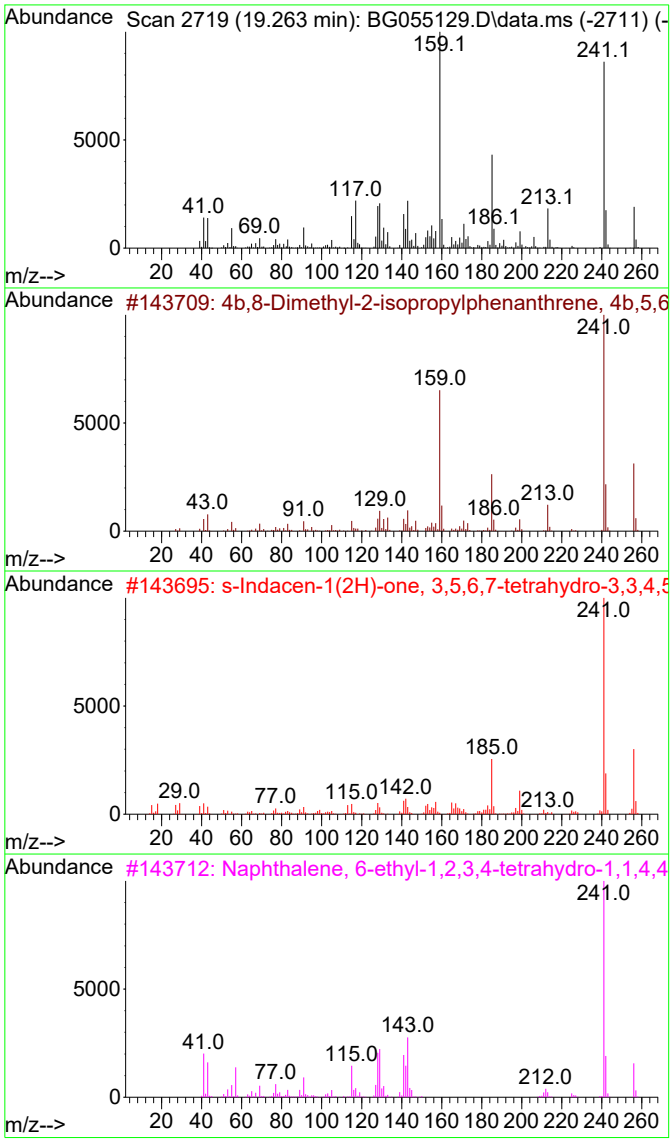
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

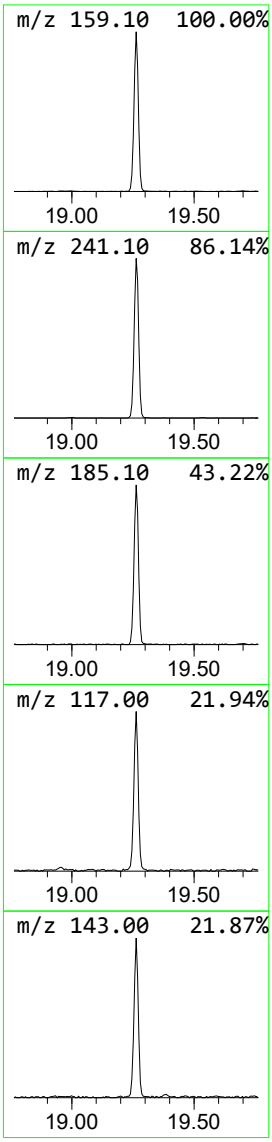
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	44.56 ng	1299420	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	70
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	27
5	3,5-Dinitrophenol, TMS	256	C9H12N2O5Si	1000514-68-2	25





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Sample : N5066-12
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ALS Vial : 10 Sample Multiplier: 1

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

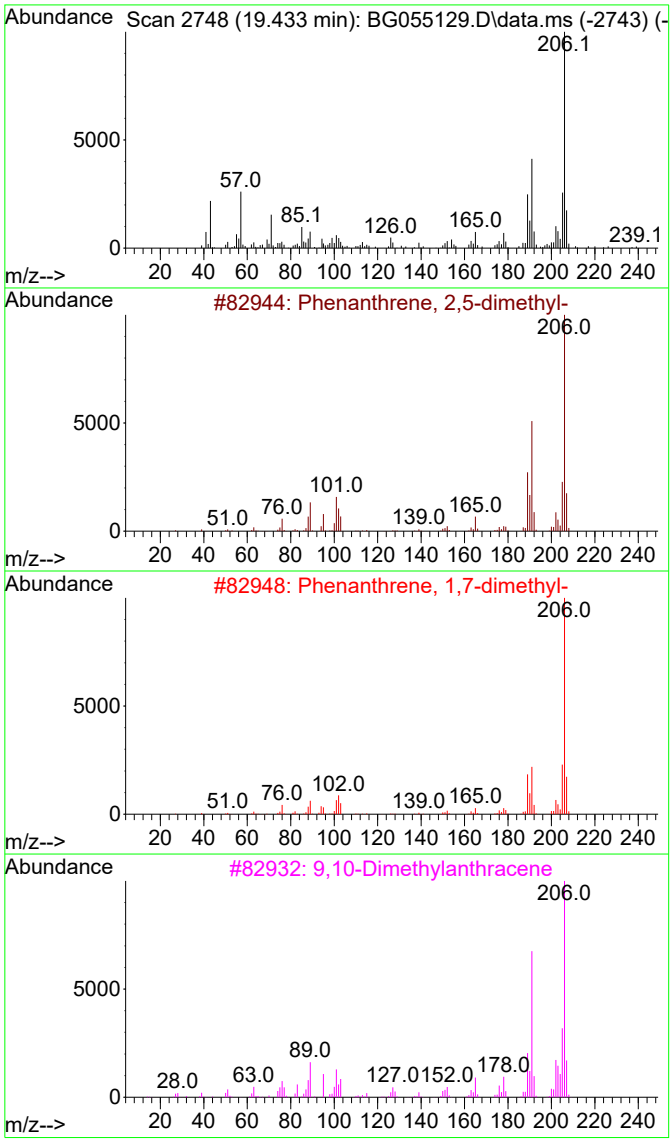
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

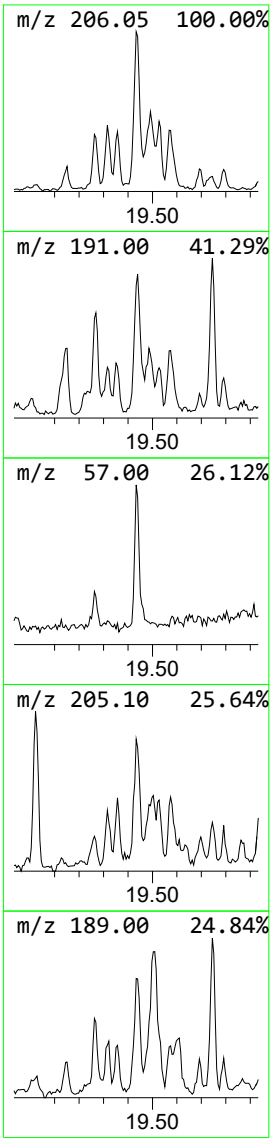
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	7.40 ng	215691	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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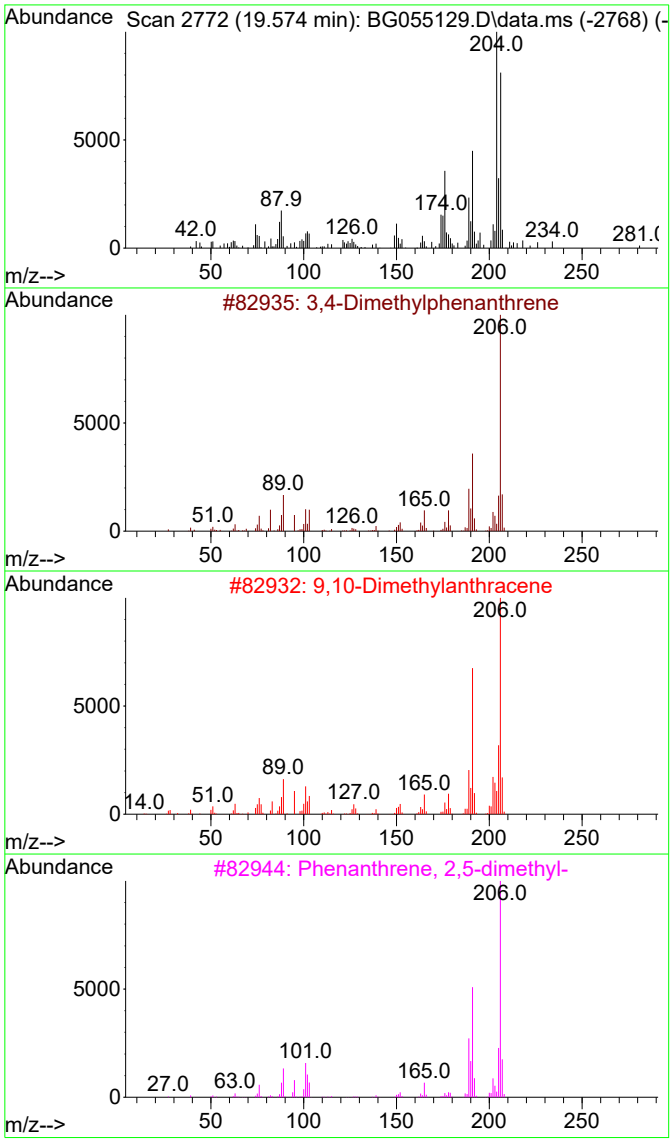
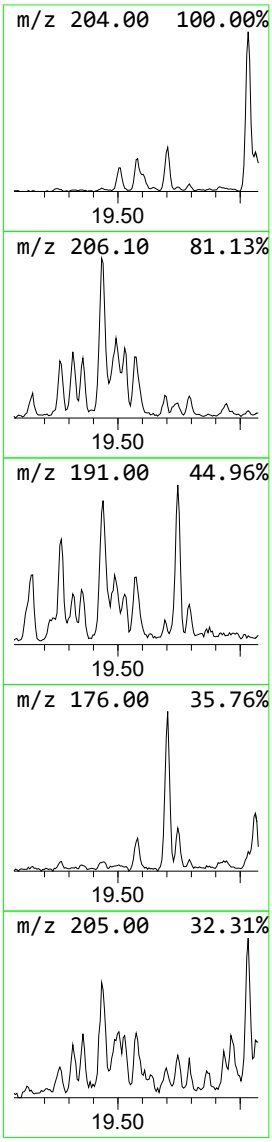
Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.574	4.27 ng	124515	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	43
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	43





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ALS Vial : 10 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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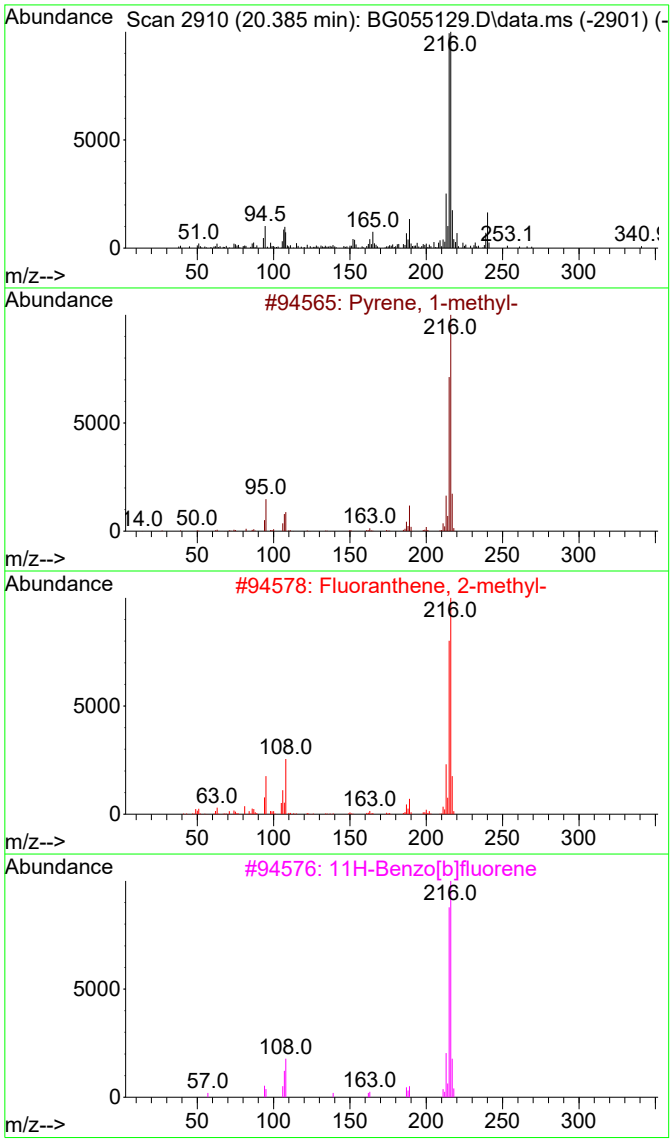
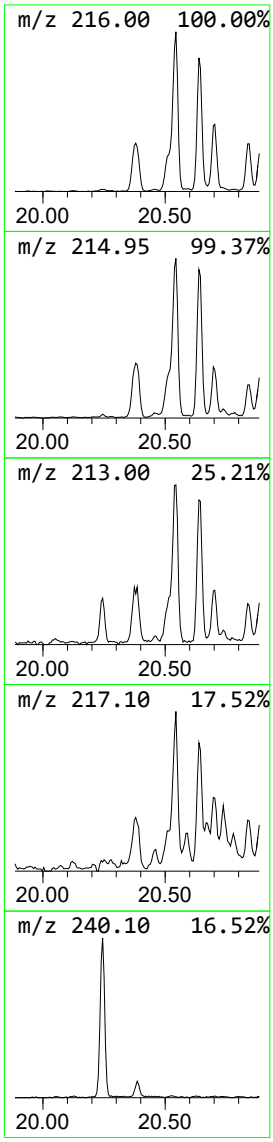
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.385	3.11 ng	281051	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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ALS Vial : 10 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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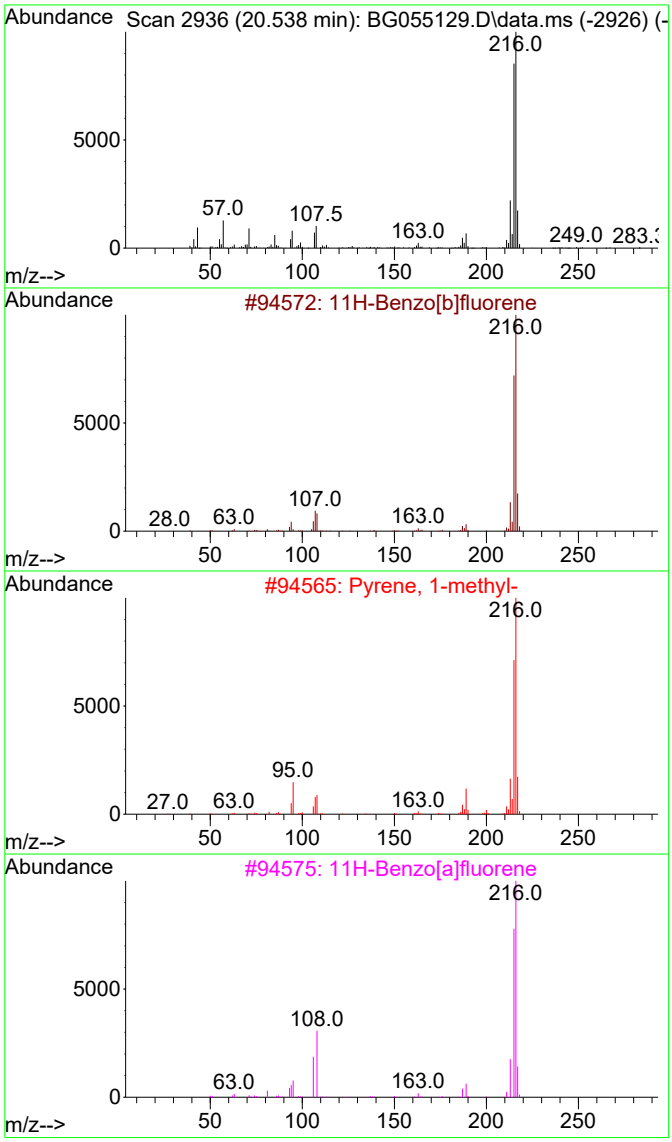
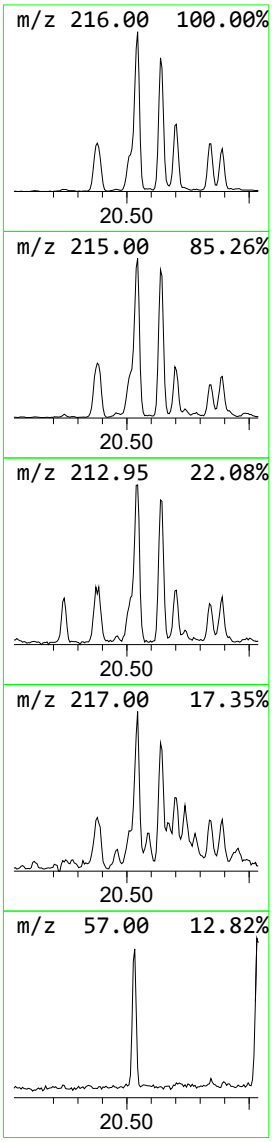
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.538	6.04 ng	545055	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

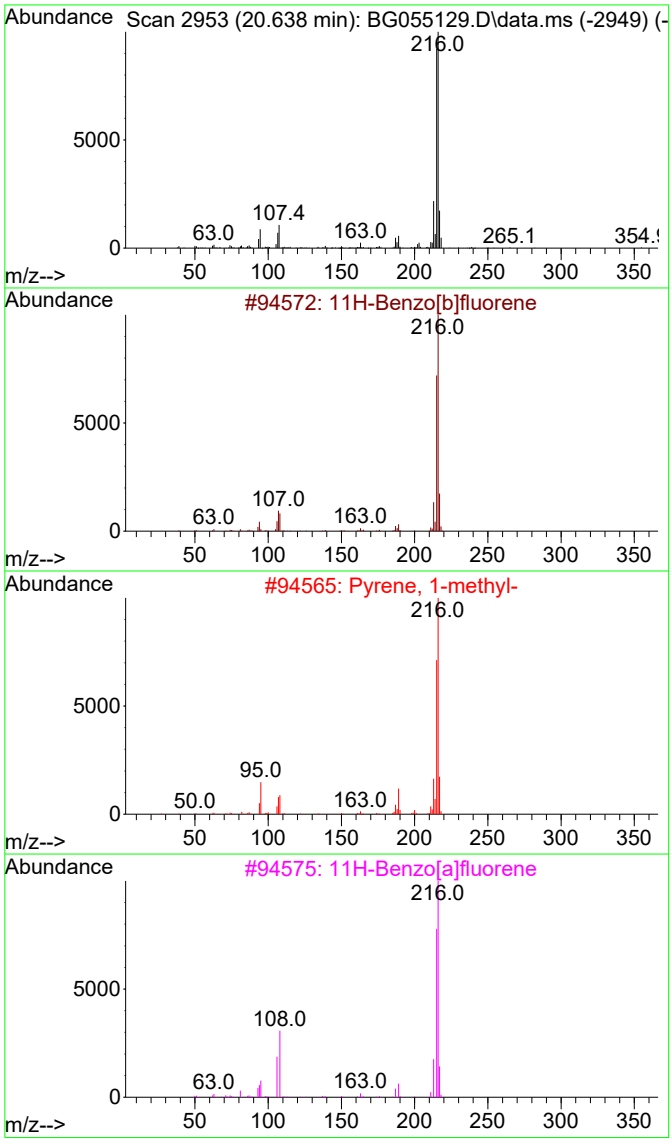
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

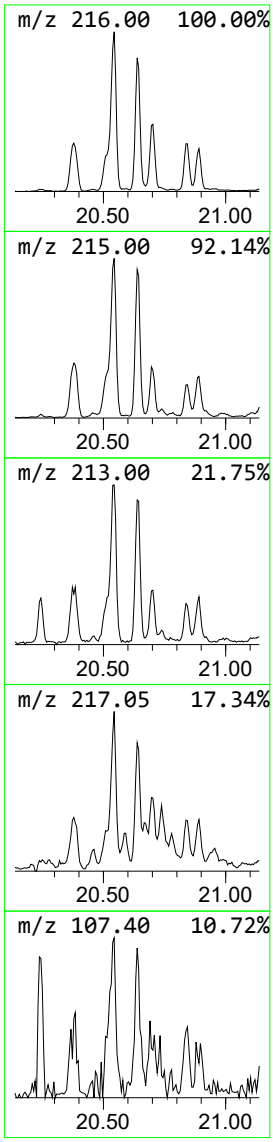
****

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.638	3.03 ng	273231	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

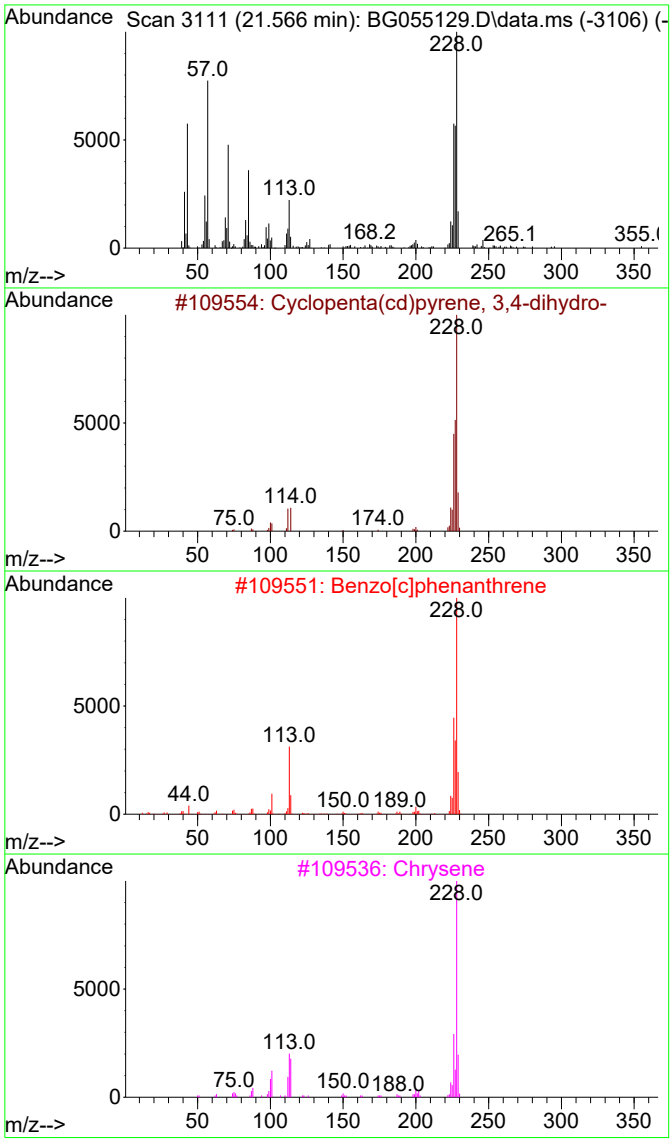
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

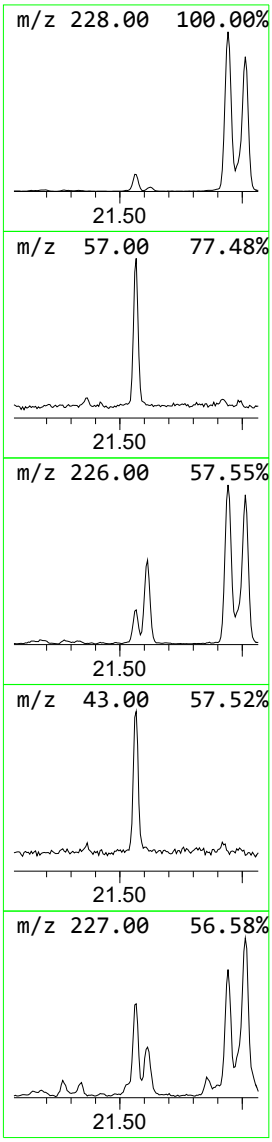
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.566	3.53 ng	319012	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45
3	Chrysene	228	C18H12	000218-01-9	41
4	Triphenylene	228	C18H12	000217-59-4	38
5	Hexadecane	226	C16H34	000544-76-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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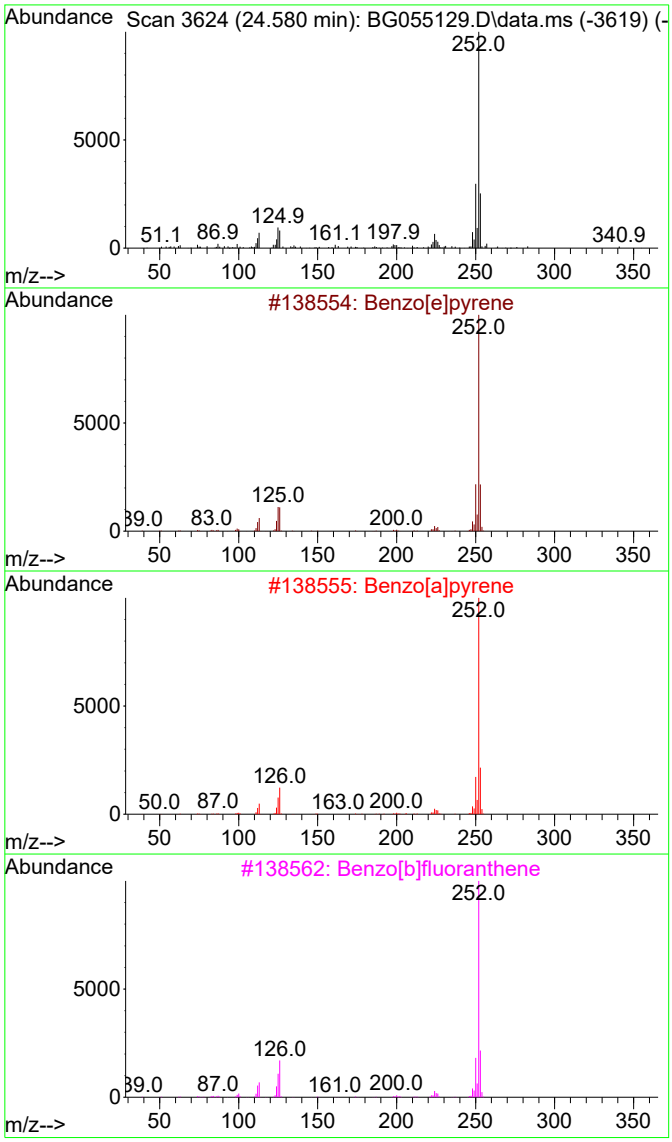
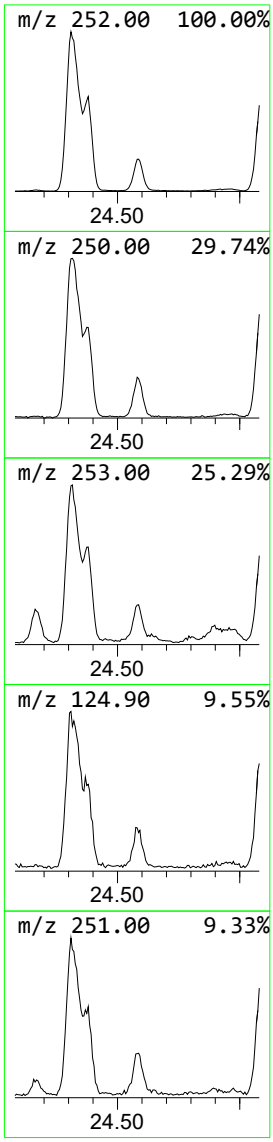
Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.580	4.92 ng	163841	Perylene-d12	25.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
5	Perylene	252	C20H12	000198-55-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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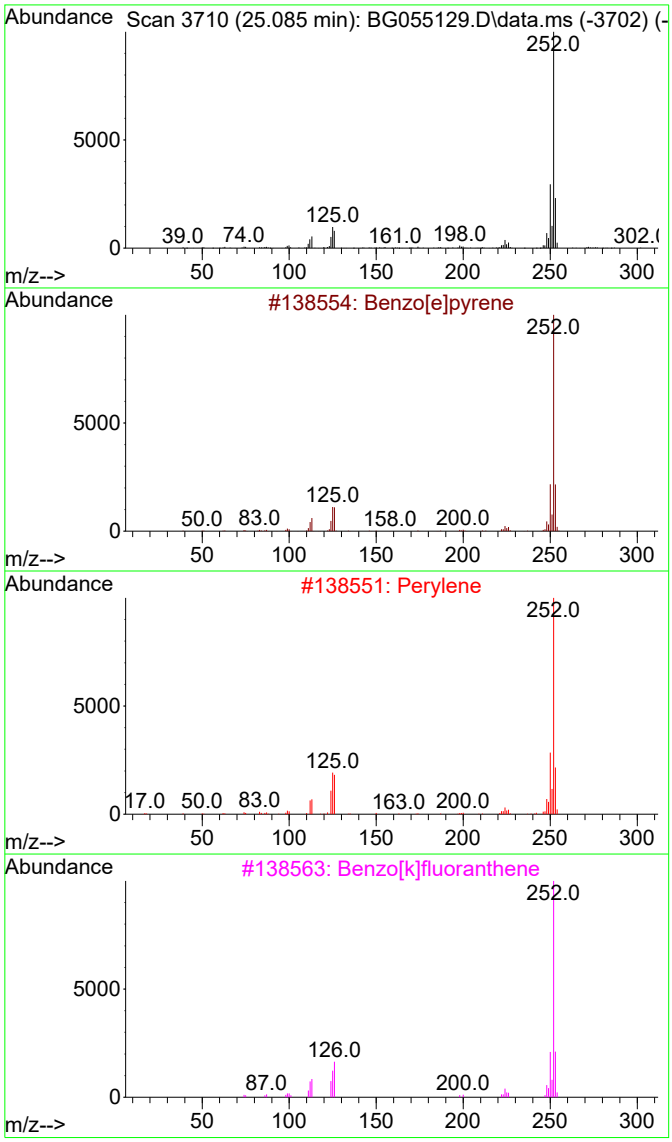
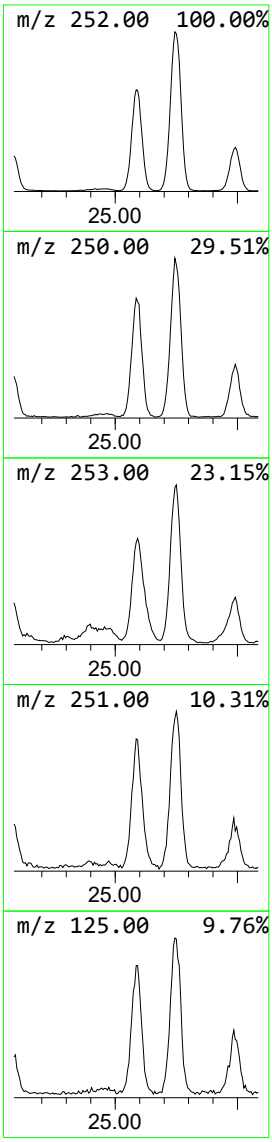
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.086	20.32 ng	676944	Perylene-d12	25.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055129.D
Acq On : 11 Oct 2022 16:33
Operator : CG/JU
Sample : N5066-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C11(10-11)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.364	36.0	ng	317672	1	8.329	176415	20.0
2-Pentanone, 4-...	5.373	13.8	ng	121771	1	8.329	176415	20.0
9H-Fluorene, 3-...	16.971	3.0	ng	87825	4	17.671	583199	20.0
Naphtho[2,1-b]t...	17.488	3.6	ng	105309	4	17.671	583199	20.0
Phenanthrene, 2...	18.534	6.7	ng	196192	4	17.671	583199	20.0
Phenanthrene, 1...	18.581	8.2	ng	238441	4	17.671	583199	20.0
1H-Cyclopropa[l...	18.664	3.4	ng	97784	4	17.671	583199	20.0
4H-Cyclopenta[d...	18.734	16.0	ng	465460	4	17.671	583199	20.0
Phenanthrene, 4...	18.769	3.9	ng	114203	4	17.671	583199	20.0
unknown18.951	18.951	6.5	ng	190139	4	17.671	583199	20.0
5,16[1',2']:8,1...	19.022	5.5	ng	158972	4	17.671	583199	20.0
4b,8-Dimethyl-2...	19.263	44.6	ng	1299420	4	17.671	583199	20.0
Phenanthrene, 2...	19.433	7.4	ng	215691	4	17.671	583199	20.0
3,4-Dimethylphe...	19.574	4.3	ng	124515	4	17.671	583199	20.0
Pyrene, 1-methyl-	20.385	3.1	ng	281051	5	21.966	1805190	20.0
11H-Benzo[b]flu...	20.538	6.0	ng	545055	5	21.966	1805190	20.0
11H-Benzo[a]flu...	20.638	3.0	ng	273231	5	21.966	1805190	20.0
Cyclopenta(cd)p...	21.566	3.5	ng	319012	5	21.966	1805190	20.0
Benzo[e]pyrene	24.580	4.9	ng	163841	6	25.409	666307	20.0
Perylene	25.086	20.3	ng	676944	6	25.409	666307	20.0