LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

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-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060993.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.166	25	30	41	rVB2	34382	60188	2.16%	0.181%
2	5.528	424	432	442	rBV	403941	647616	23.24%	1.950%
3	7.108	694	701	709	rBV	413995	699662	25.11%	2.107%
4	7.943	836	843	849	rBV	117909	190146	6.82%	0.573%
5	9.094	1031	1039	1048	rBV	277366	479911	17.22%	1.445%
6	10.733	1310	1318	1324	rBV	141258	254688	9.14%	0.767%
7	13.189	1729	1736	1743	rBV	727234	1093285	39.24%	3.292%
8	14.564	1961	1970	1976	rBV	237633	373411	13.40%	1.125%
9	14.629	1976	1981	1989	rVB	55568	84757	3.04%	0.255%
10	14.964	2033	2038	2046	rBV2	32963	53291	1.91%	0.160%
11	15.616	2142	2149	2155	rBV	54439	83062	2.98%	0.250%
12	15.910	2195	2199	2209	rVB	20597	33591	1.21%	0.101%
13	16.057	2217	2224	2232	rBV	715793	1086048	38.98%	3.271%
14	16.286	2257	2263	2270	rBV5	16343	30042	1.08%	0.090%
15	16.850	2351	2359	2363	rBV4	16284	32490	1.17%	0.098%
16	16.961	2373	2378	2386	rVB2	56578	91263	3.28%	0.275%
17	17.132	2402	2407	2416	rVB	45432	77556	2.78%	0.234%
18	17.314	2431	2438	2441	rBV	298403	440998	15.83%	1.328%
19	17.361	2441	2446	2452	rVV	851397	1288678	46.25%	3.881%
20	17.449	2452	2461	2466	rVV	174720	280660	10.07%	0.845%
21	17.502	2466	2470	2476	rVB3	25123	41296	1.48%	0.124%
22	17.713	2496	2506	2511	rBV2	99230	186693	6.70%	0.562%
23	17.831	2523	2526	2530	rBV2	19862	29054	1.04%	0.087%
24	17.896	2533	2537	2541	rVB3	21114	29196	1.05%	0.088%
25	18.107	2566	2573	2578	rBV5	15493	28895	1.04%	0.087%
26	18.189	2578	2587	2590	rBV	105577	186938	6.71%	0.563%
27	18.236	2590	2595	2602	rVB2	156107	342441	12.29%	1.031%
28	18.324	2604	2610	2614	rVB	51605	81653	2.93%	0.246%
29	18.389	2614	2621	2625	rBV3	173224	338921	12.16%	1.021%
30	18.424	2625	2627	2632	rVB	77032	85371	3.06%	0.257%
31	18.689	2667	2672	2675	rBV	96246	137824	4.95%	0.415%
32	18.730	2675	2679	2685	rVB	115250	173583	6.23%	0.523%
33	18.936	2711	2714	2719	rVB3	31048	38485	1.38%	0.116%
34	18.988	2719	2723	2726	rBV	25114	31623	1.13%	0.095%
35	19.024	2726	2729	2734	rVB2	30352	39617	1.42%	0.119%
36	19.112	2738	2744	2748	rBV3	73253	134443	4.83%	0.405%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

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-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.171	2748	2754	2758	rBV5	31179	61131	2.19%	0.184%
38	19.247	2763	2767	2775	rVB	103052	167174	6.00%	0.503%
39	19.376	2782	2789	2796	rBV	1946642	2750921	98.73%	8.285%
40	19.470	2801	2805	2807	rBV2	25867	31110	1.12%	0.094%
41	19.564	2816	2821	2824	rBV5	30302	55997	2.01%	0.169%
42	19.611	2825	2829	2833	rVB	55517	81670	2.93%	0.246%
43	19.735	2839	2850	2857	rBV2	1530111	2786193	100.00%	8.391%
44	19.805	2857	2862	2869	rVB2	75589	124799	4.48%	0.376%
45	19.934	2875	2884	2889	rBV	1351683	1965157	70.53%	5.918%
46	19.970	2889	2890	2895	rVB	120171	111967	4.02%	0.337%
47	20.052	2899	2904	2905	rBV	115196	160769	5.77%	0.484%
48	20.105	2911	2913	2916	rVB	30627	35024	1.26%	0.105%
49	20.193	2923	2928	2930	rBV2	68645	115746	4.15%	0.349%
50	20.228	2930	2934	2938	rVB	176847	268002	9.62%	0.807%
51	20.269	2938	2941	2945	rBV4	23431	29885	1.07%	0.090%
52	20.328	2947	2951	2954	rBV	98736	128916	4.63%	0.388%
53	20.381	2954	2960	2964	rVV2	139630	260425	9.35%	0.784%
54	20.422	2964	2967	2971	rVB	56038	66261	2.38%	0.200%
55	20.463	2971	2974	2979	rVB3	34781	49735	1.79%	0.150%
56	20.522	2980	2984	2988	rBV	74280	102618	3.68%	0.309%
57	20.569	2988	2992	2996	rVV2	94113	132635	4.76%	0.399%
58	20.628	3000	3002	3006	rVB2	69555	78677	2.82%	0.237%
59	20.792	3025	3030	3032	rBV6	25574	48571	1.74%	0.146%
60	20.980	3057	3062	3070	rVB	221671	325456	11.68%	0.980%
61	21.162	3085	3093	3097	rBV2	168587	401170	14.40%	1.208%
62	21.209	3097	3101	3104	rVV	172690	259504	9.31%	0.782%
63	21.250	3104	3108	3113	rVV3	216903	420273	15.08%	1.266%
64	21.309	3113	3118	3127	rVB2	227935	394281	14.15%	1.187%
65	21.433	3137	3139	3145	rVB	30623	45798	1.64%	0.138%
66	21.485	3145	3148	3151	rVV2	40605	42145	1.51%	0.127%
67	21.521	3151	3154	3155	rVV	50497	59877	2.15%	0.180%
68	21.562	3155	3161	3168	rVV3	1099892	2474261	88.80%	7.451%
69	21.627	3168	3172	3184	rVB	842371	1400725	50.27%	4.218%
70	21.768	3192	3196	3203	rBV	123702	218104	7.83%	0.657%
71	21.926	3219	3223	3227	rVB3	116614	166945	5.99%	0.503%
72	21.967	3227	3230	3238	rVB2	96390	172926	6.21%	0.521%
73	22.032	3239	3241	3246	rVB5	34552	46118	1.66%	0.139%
74	22.226	3270	3274	3278	rVB5	49815	68359	2.45%	0.206%
75	22.290	3278	3285	3290	rVB	137241	266127	9.55%	0.801%
76	22.361	3293	3297	3305	rVB4	72062	135668	4.87%	0.409%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

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-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.555	3326	3330	3334	rBV2	58307	96617	3.47%	0.291%
78	22.690	3347	3353	3360	rVB5	45081	118112	4.24%	0.356%
79	23.730	3519	3530	3536	rBV	636359	2120120	76.09%	6.385%
80	23.965	3564	3570	3578	rVB	111325	263882	9.47%	0.795%
81	24.417	3639	3647	3659	rVB2	344401	1041406	37.38%	3.136%
82	24.564	3662	3672	3685	rVB	504231	1391666	49.95%	4.191%
83	24.705	3688	3696	3703	rVV	206268	590648	21.20%	1.779%
84	24.782	3704	3709	3722	rVB2	153377	458910	16.47%	1.382%
85	28.248	4291	4299	4323	rVB3	166891	881188	31.63%	2.654%
86	29.365	4478	4489	4501	rVB2	110893	444301	15.95%	1.338%

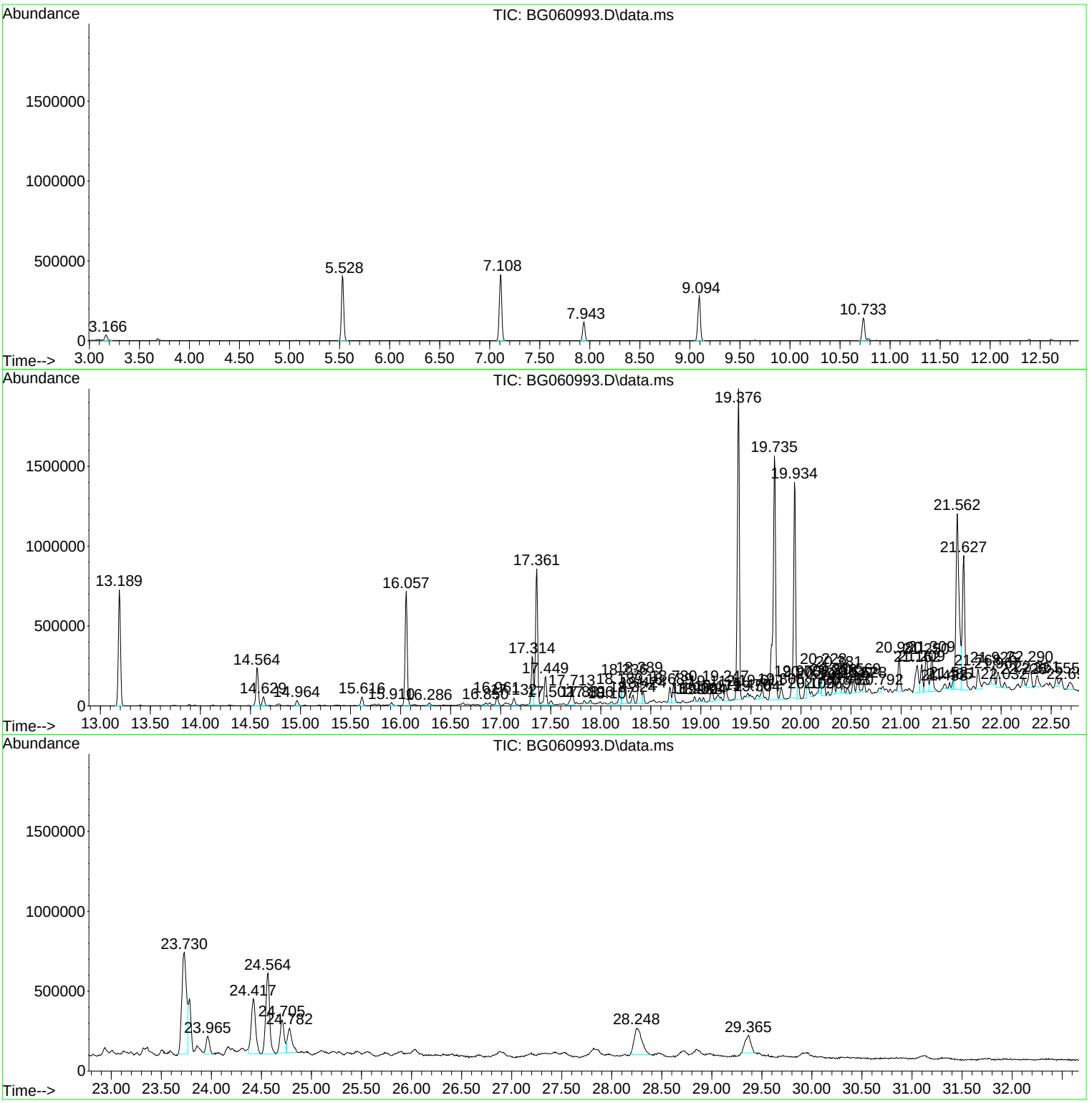
Sum of corrected areas: 33205346

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

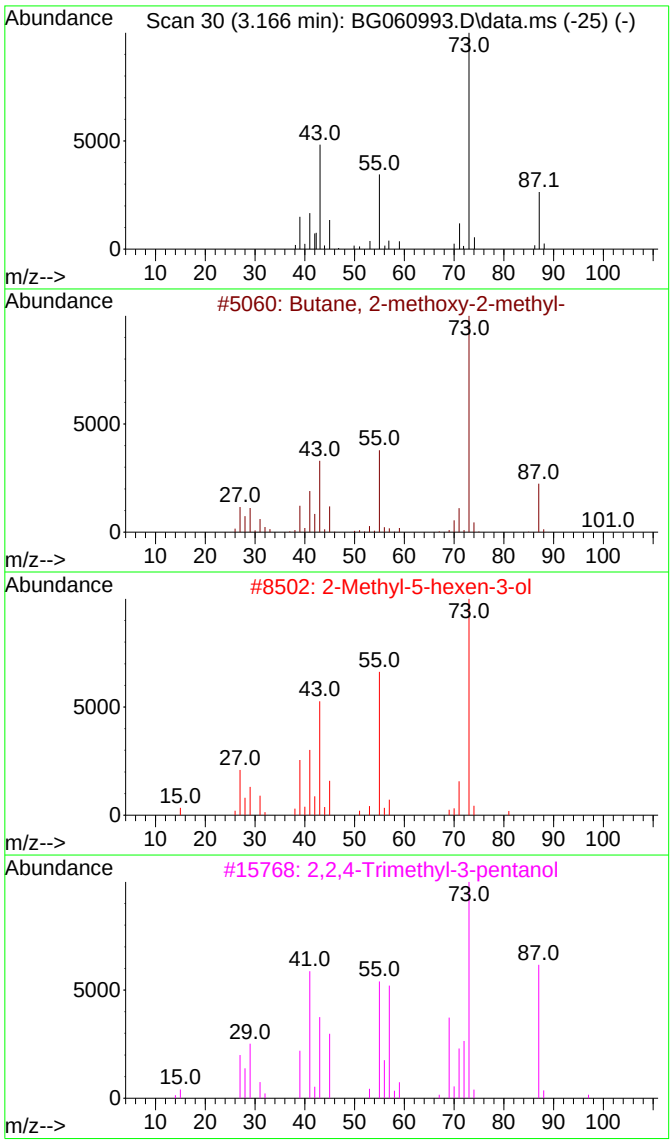
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

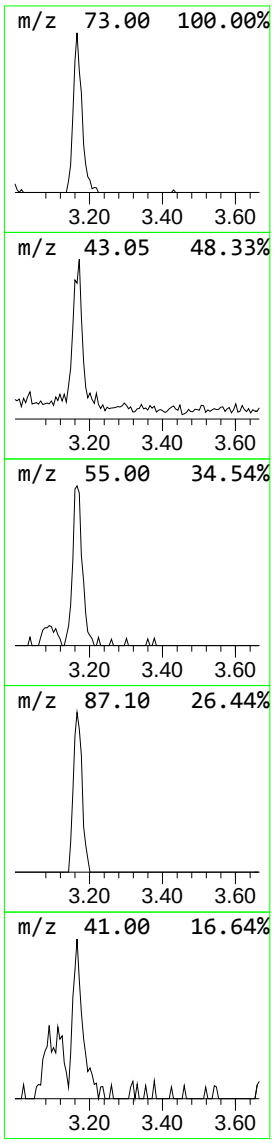
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.166	6.33 ng	60188	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

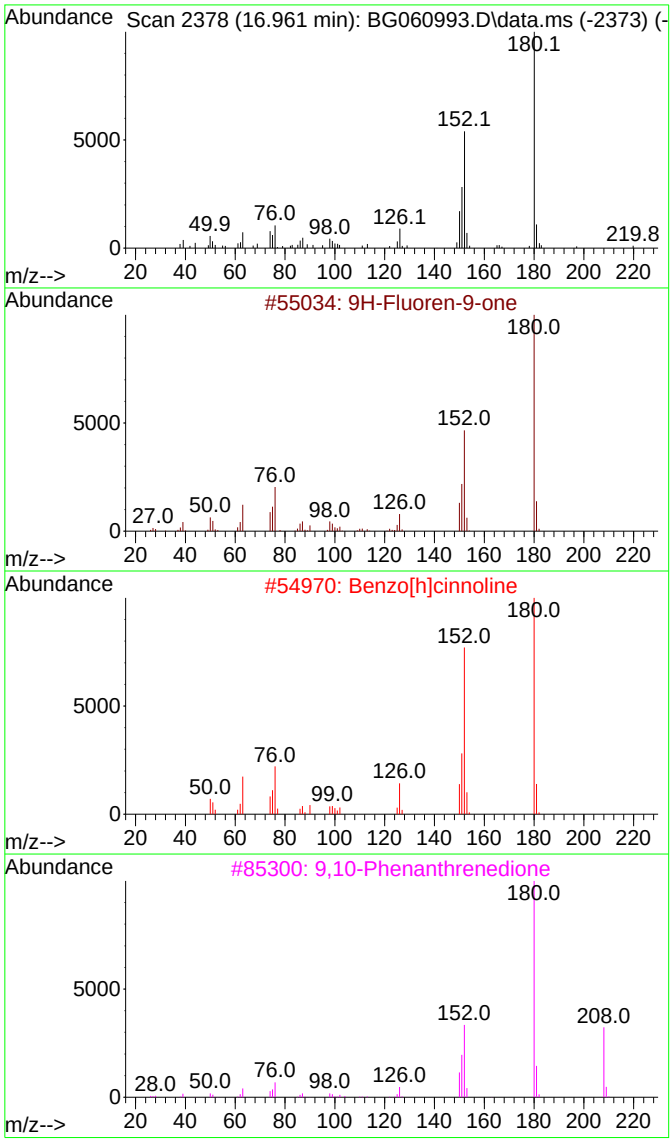
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

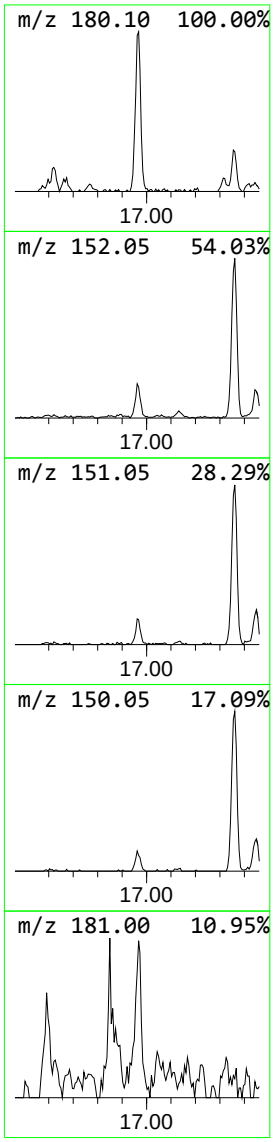
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.961	4.14 ng	91263	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

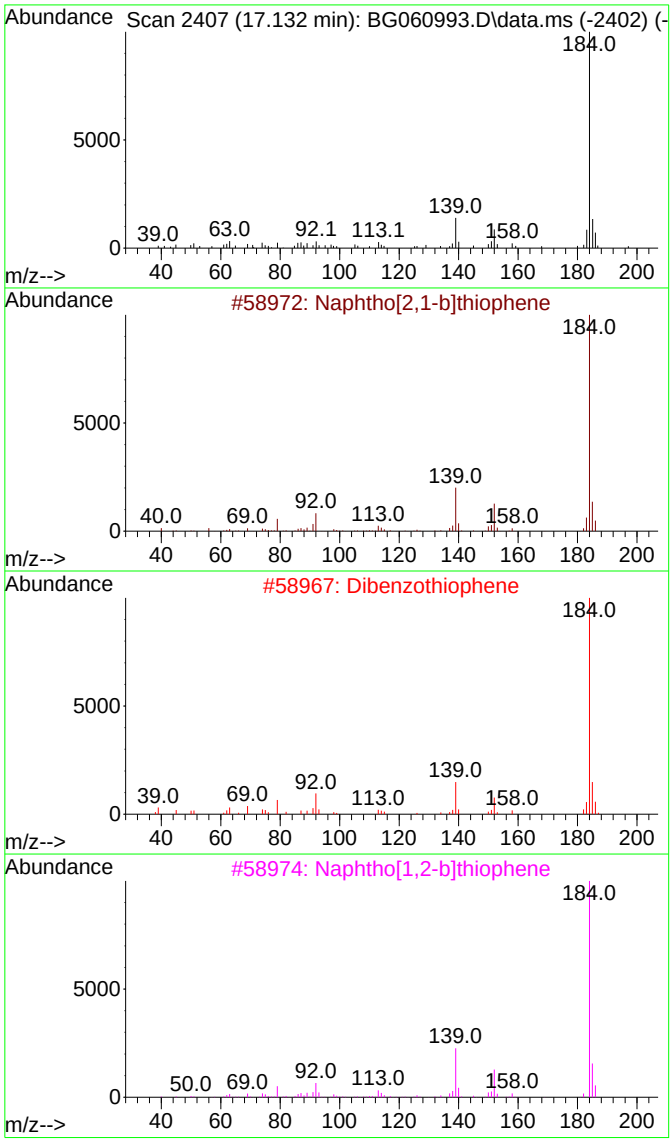
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

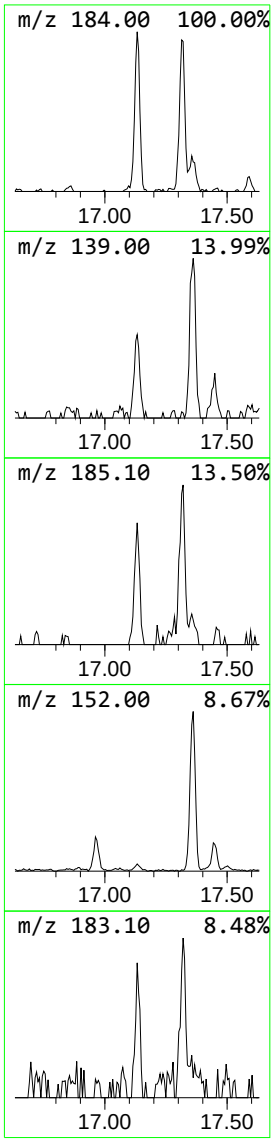
****

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.132	3.52 ng	77556	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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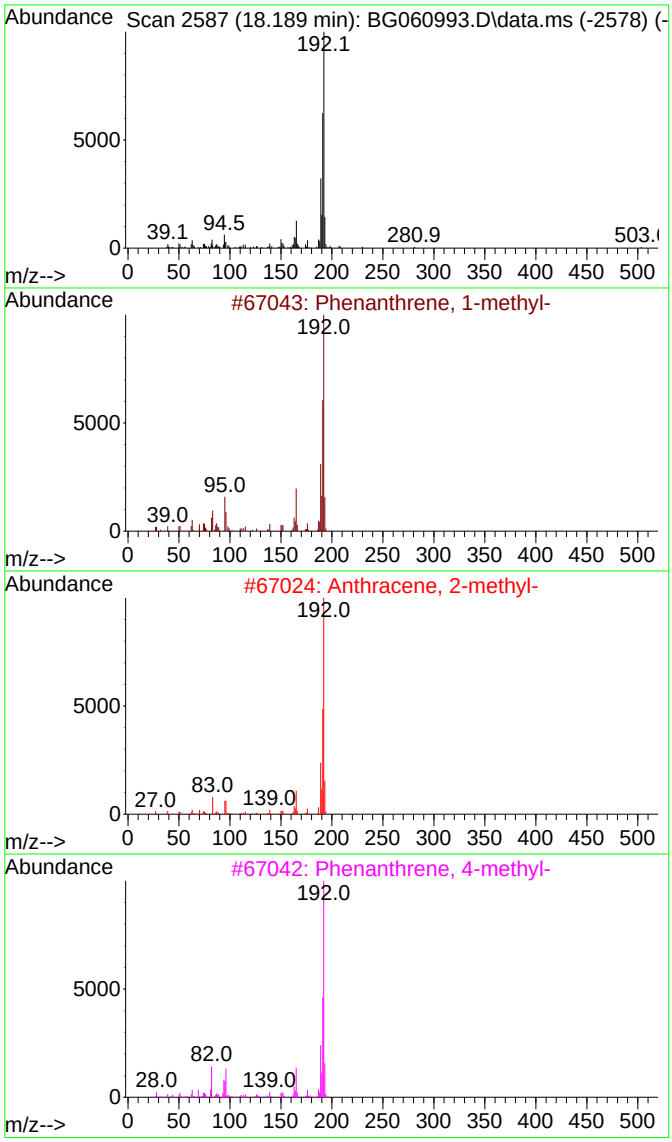
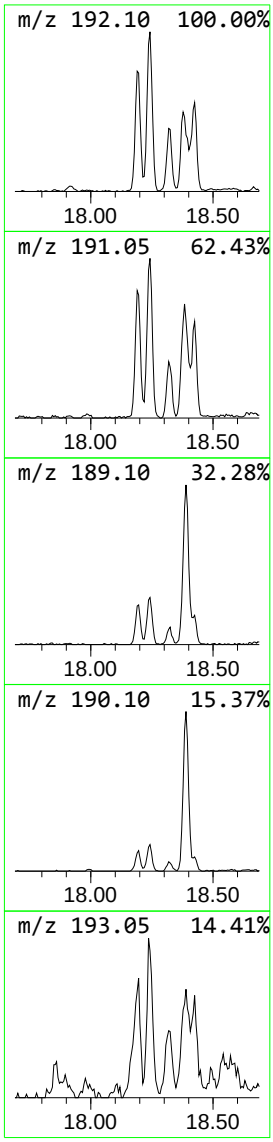
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	8.48 ng	186938	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

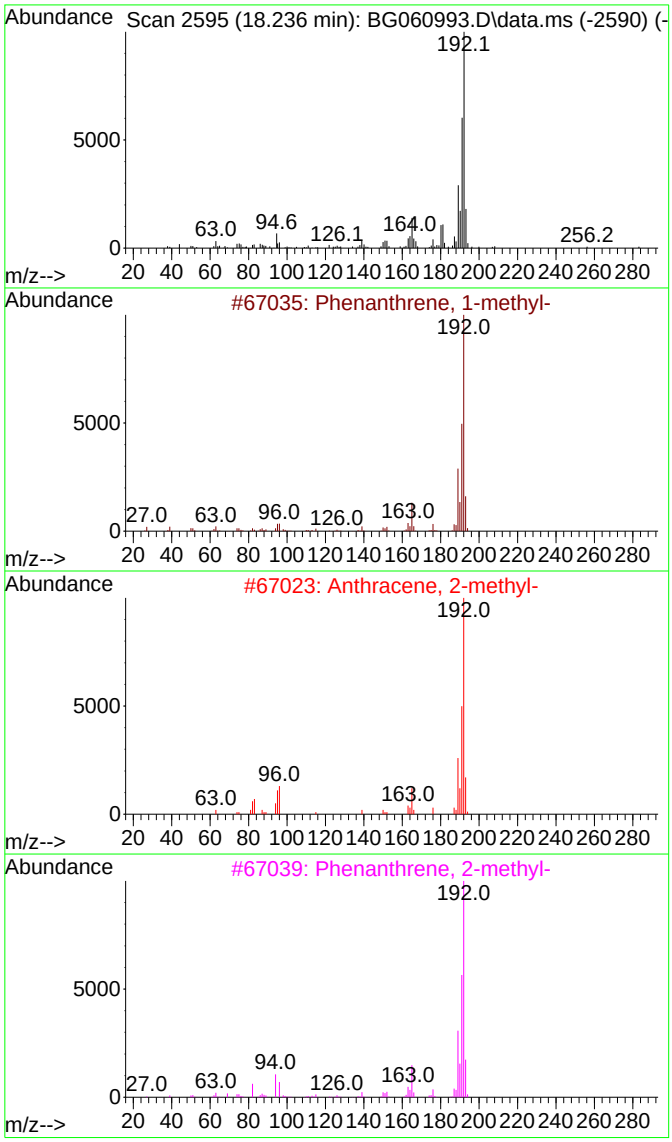
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

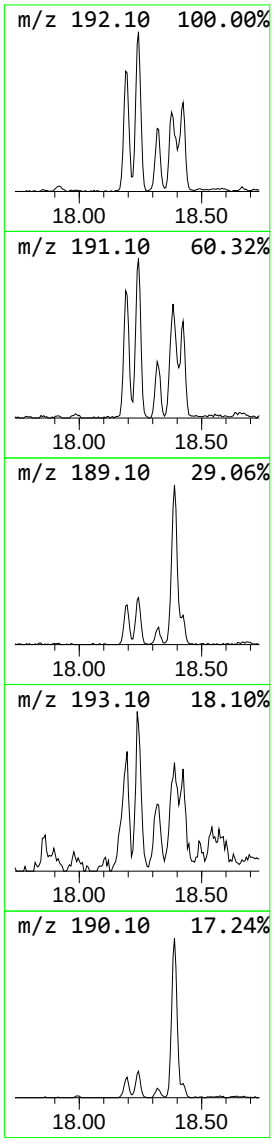
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.236	15.53 ng	342441	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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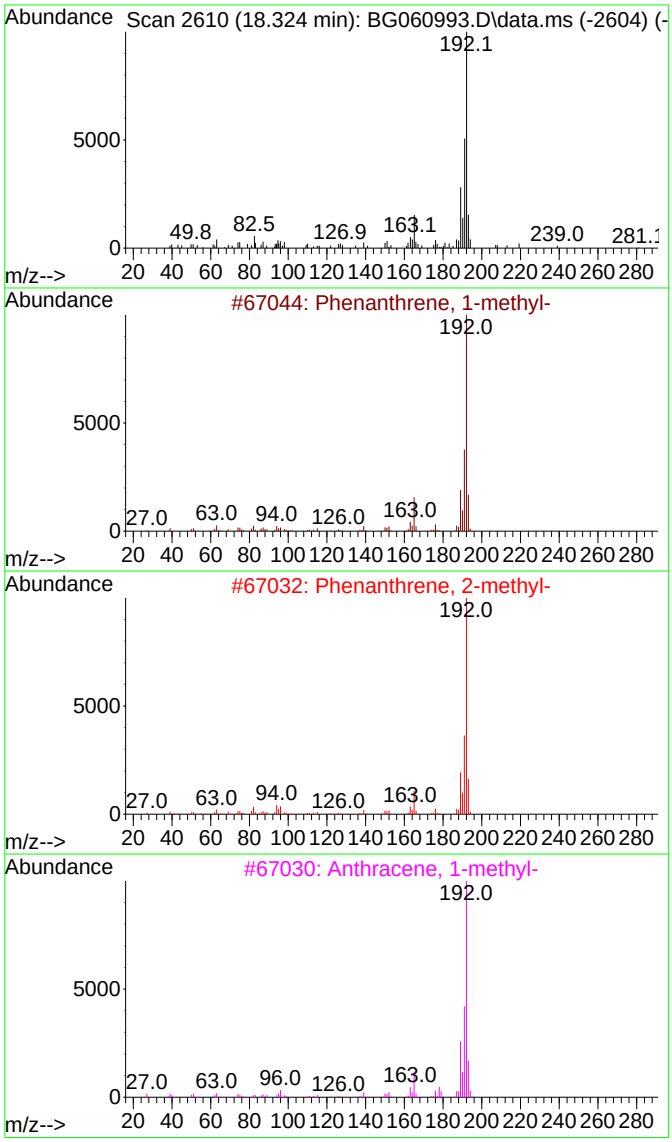
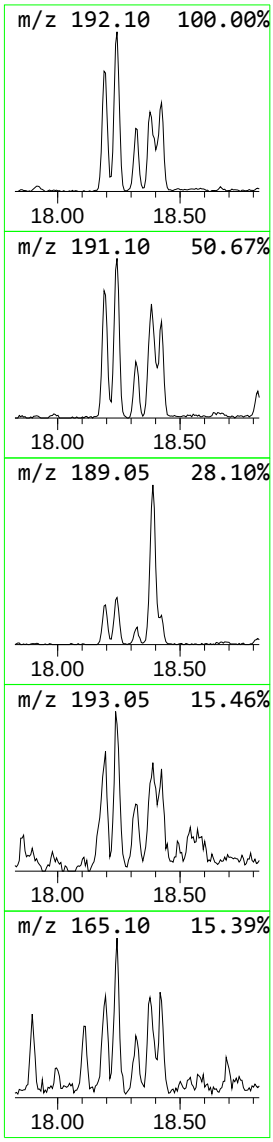
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	3.70 ng	81653	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

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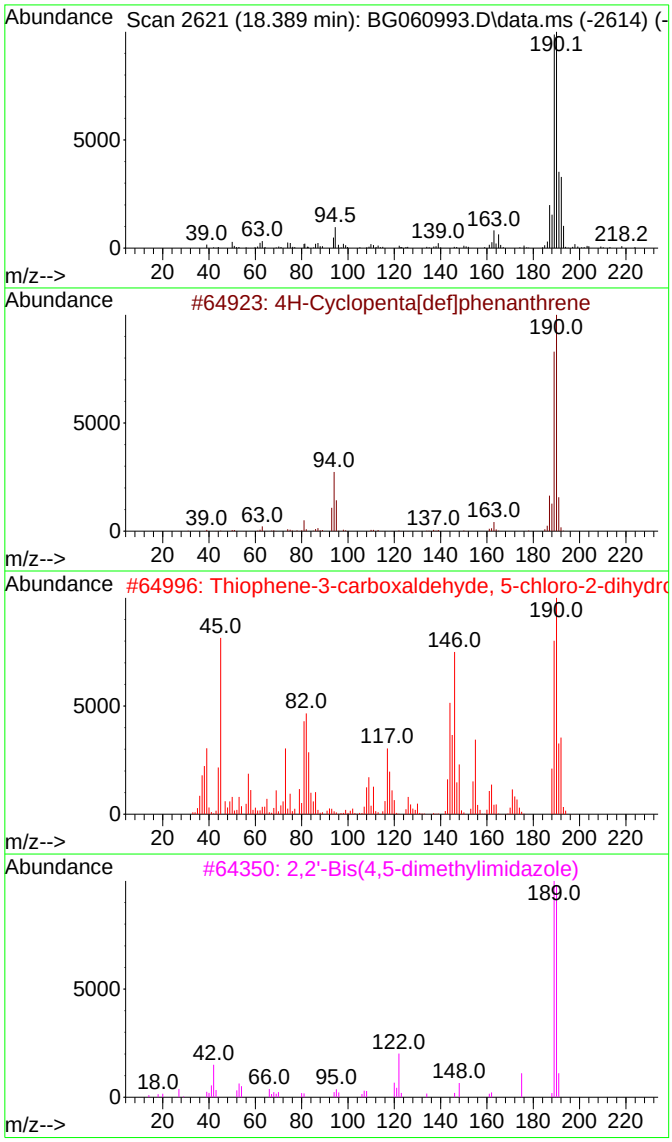
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

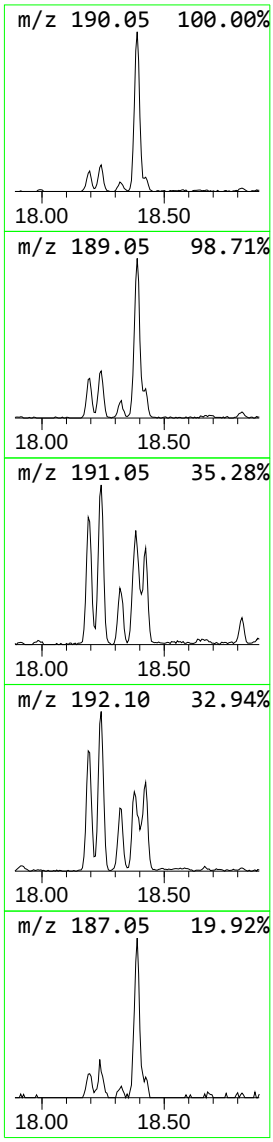
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	15.37 ng	338921	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	23





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Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-2-BACK

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

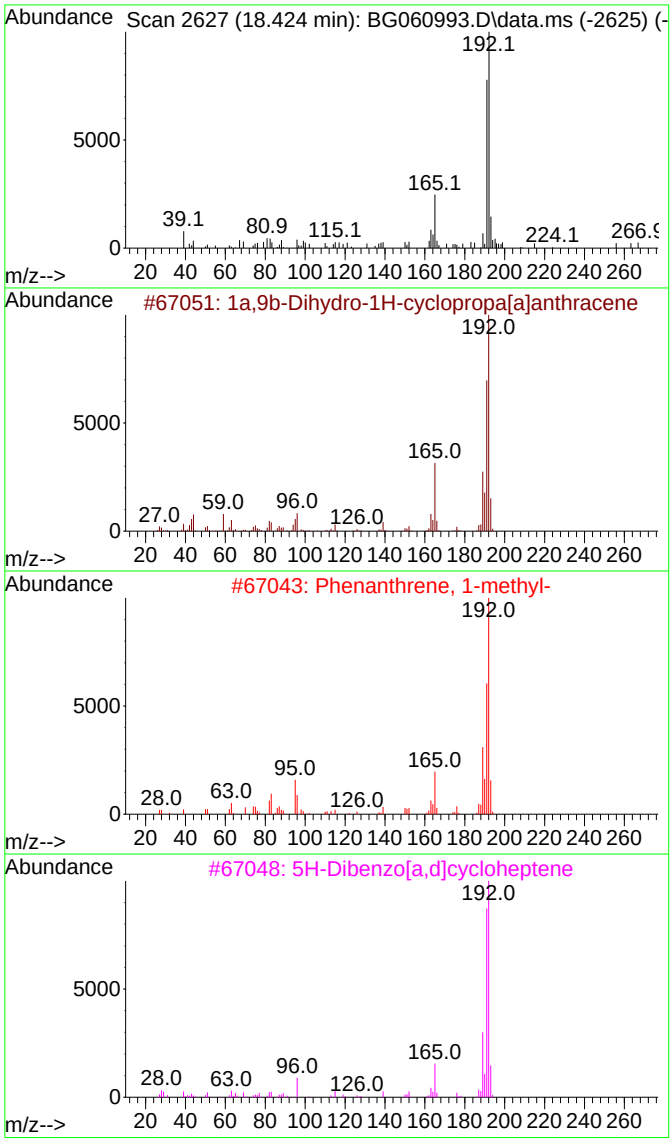
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

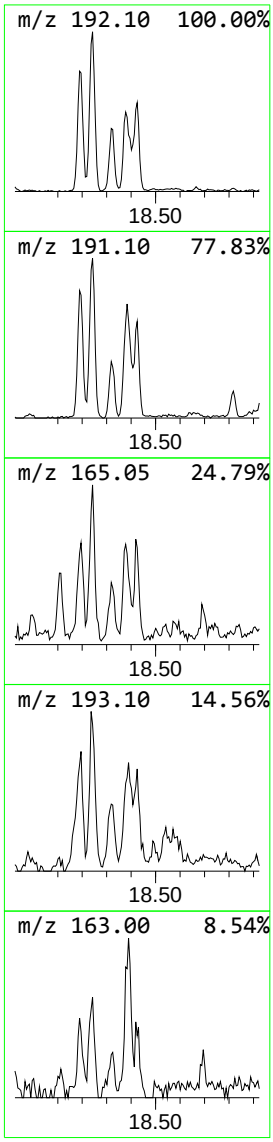
****

Peak Number 8 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.424	3.87 ng	85371	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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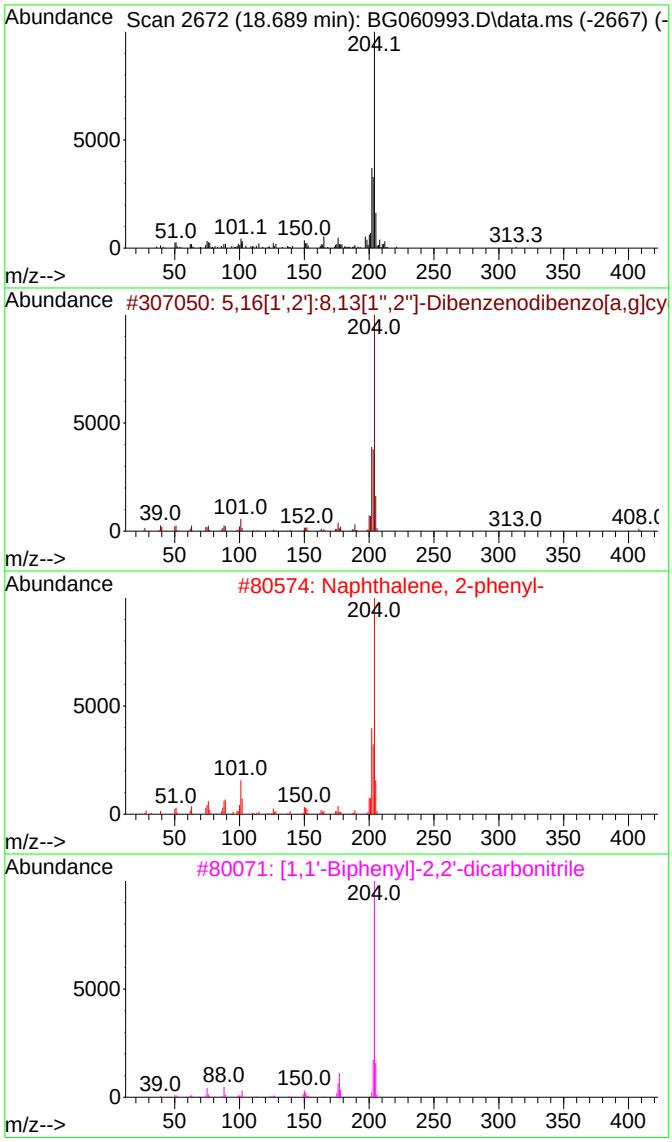
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

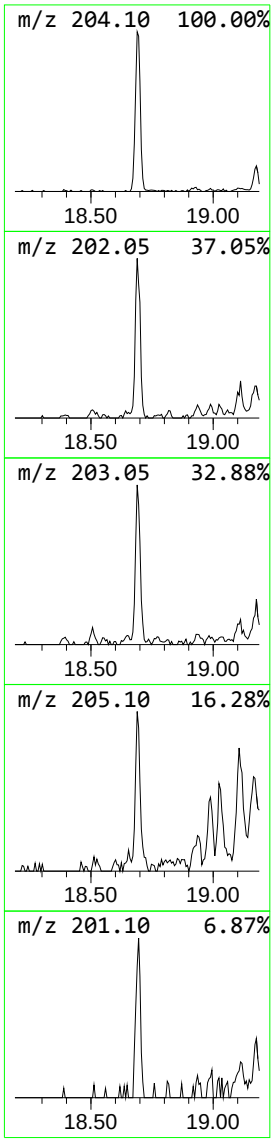
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.689	6.25 ng	137824	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

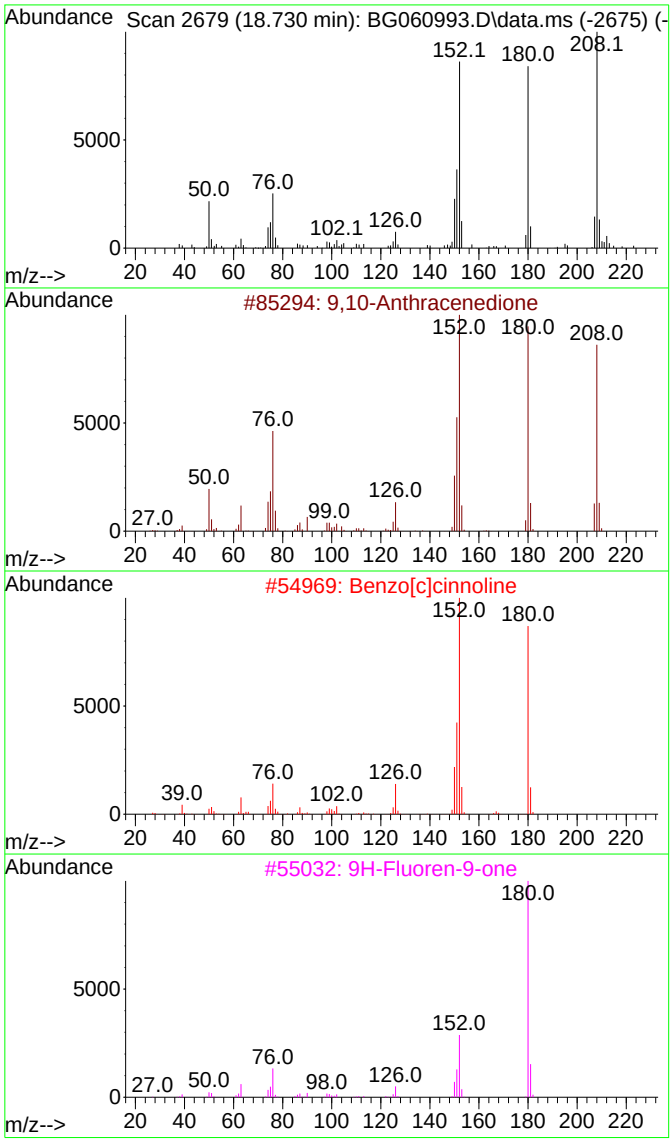
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

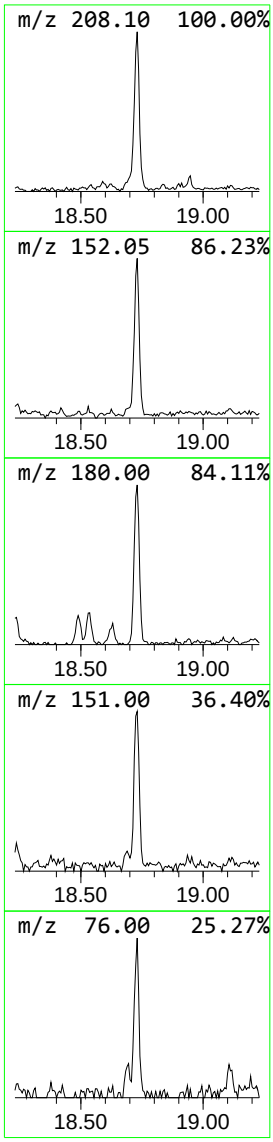
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.730	7.87 ng	173583	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

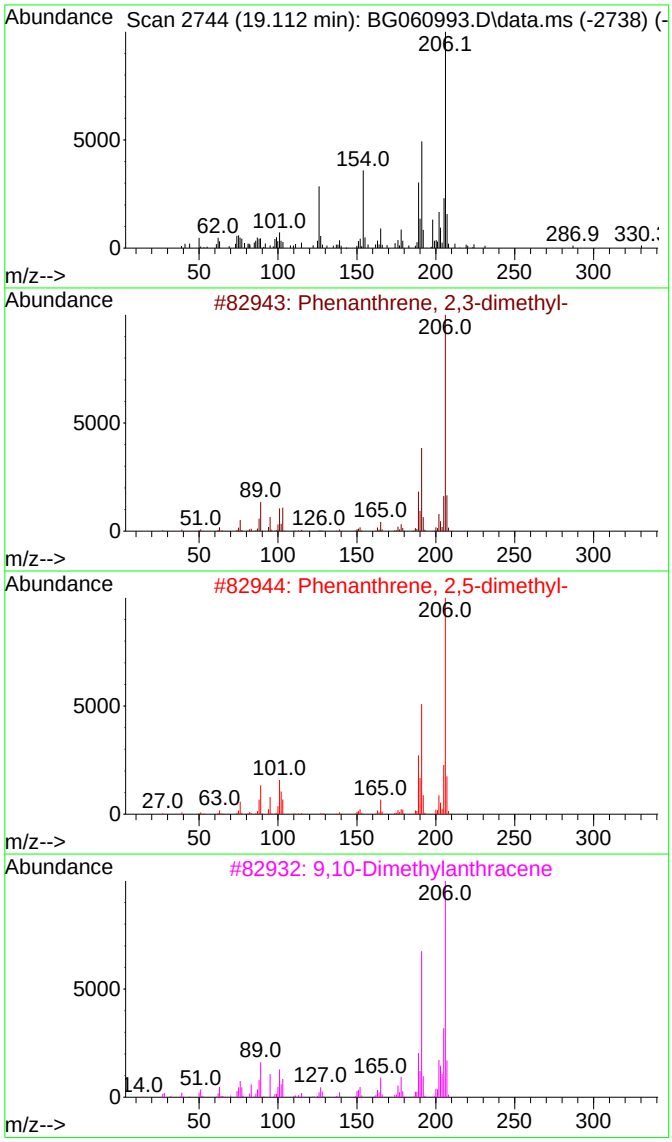
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

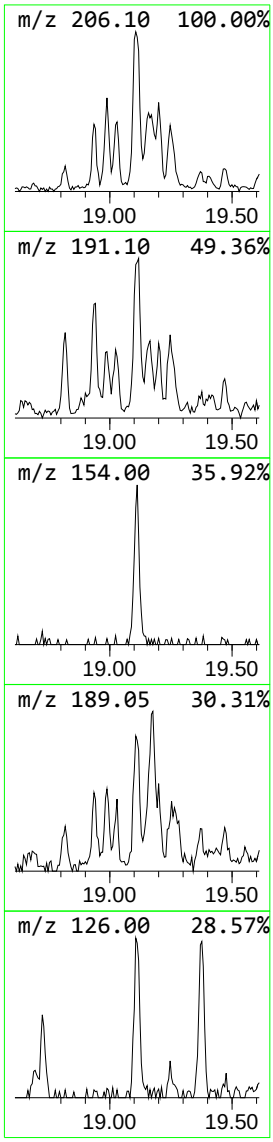
****

Peak Number 11 Phenanthrene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.112	6.10 ng	134443	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

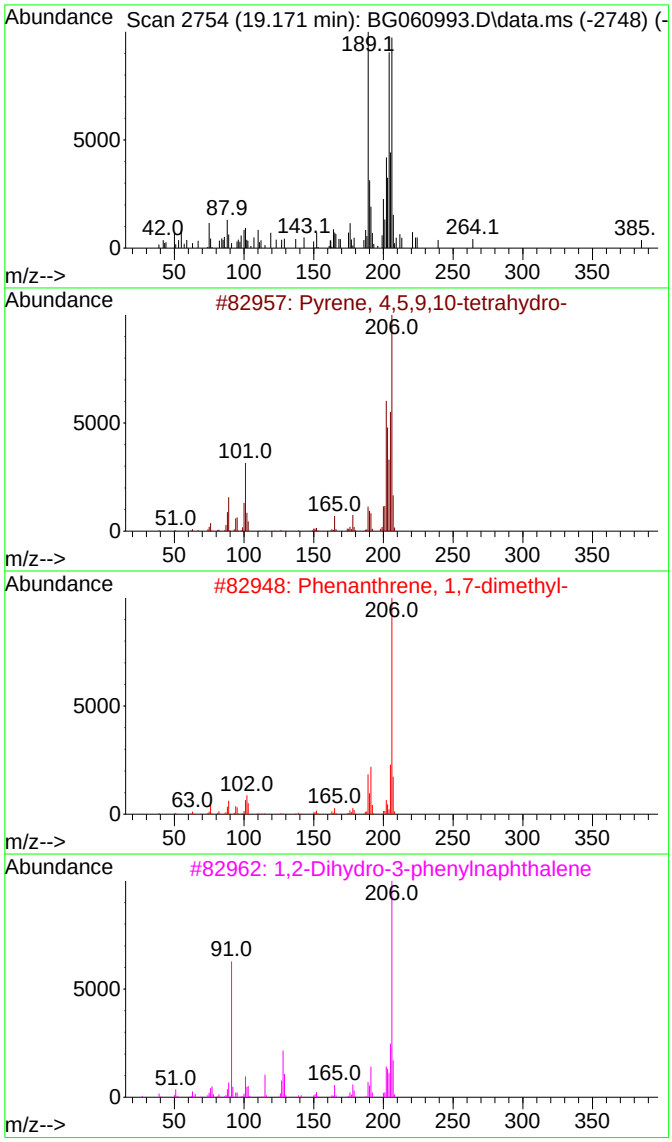
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

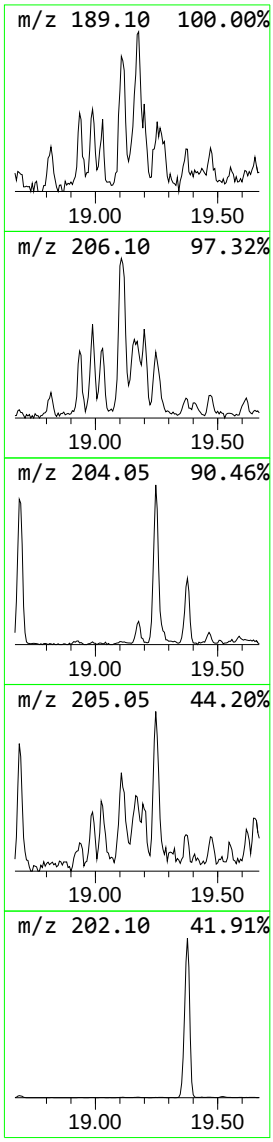
****

Peak Number 12 unknown19.171 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.171	2.77 ng	61131	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	25
3	1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	22
4	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	18
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	18





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

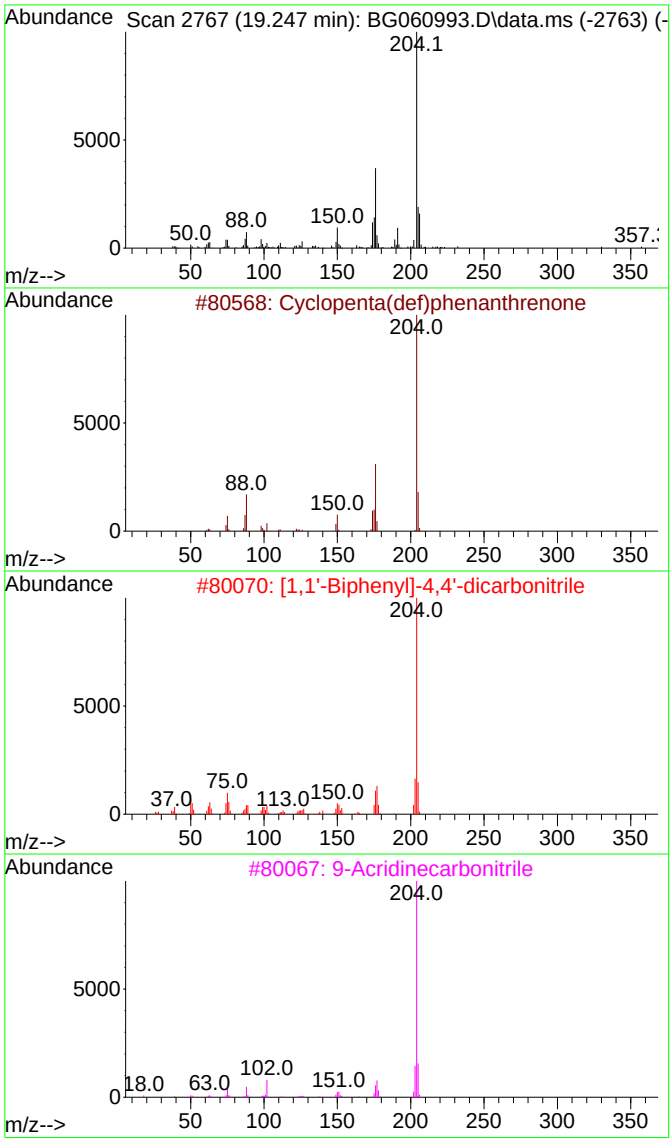
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

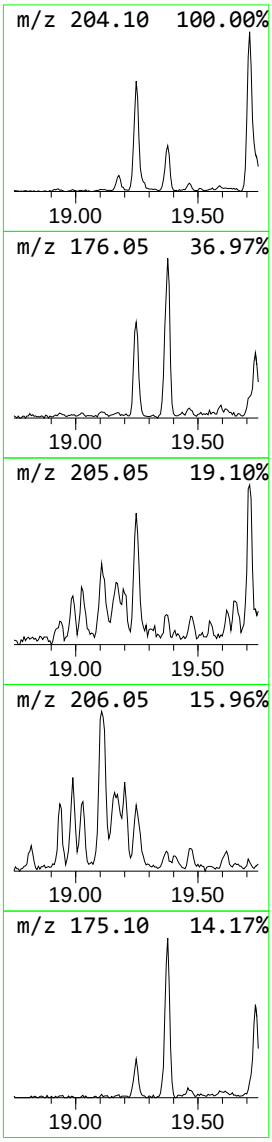
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.247	7.58 ng	167174	Phenanthrene-d10	17.314

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	50





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Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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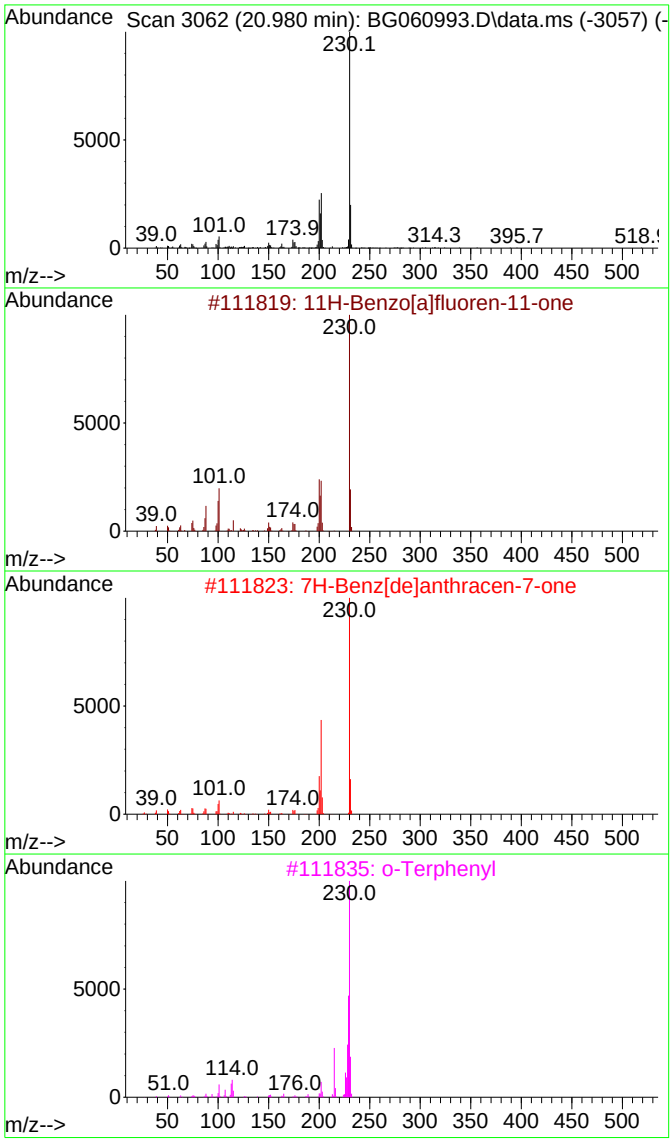
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

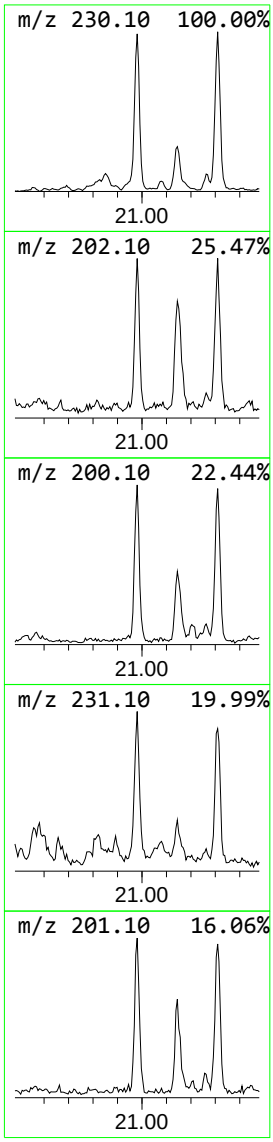
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	2.63 ng	325456	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	53
4	m-Terphenyl	230	C18H14	000092-06-8	53
5	p-Terphenyl	230	C18H14	000092-94-4	53





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ALS Vial : 7 Sample Multiplier: 1

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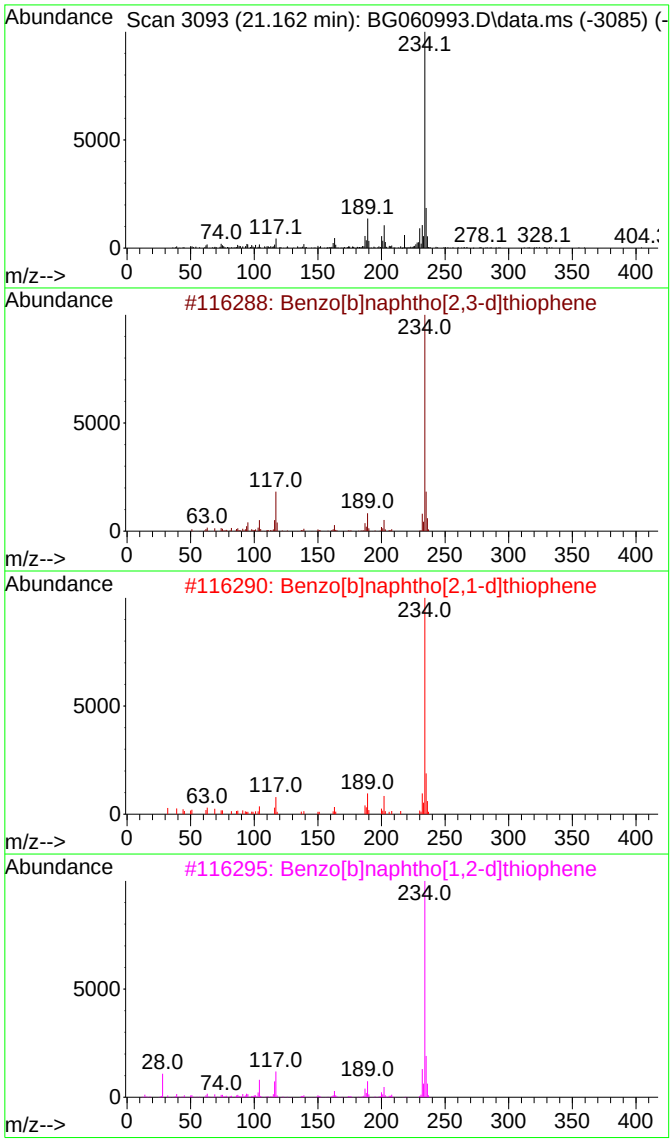
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

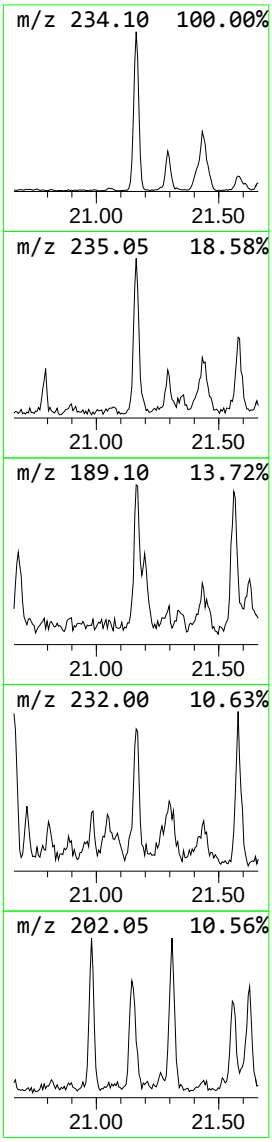
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.162	3.24 ng	401170	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	3-Indolethanamine, 2-carboxy-6-f...	252	C12H13FN2O3	062106-04-1	50





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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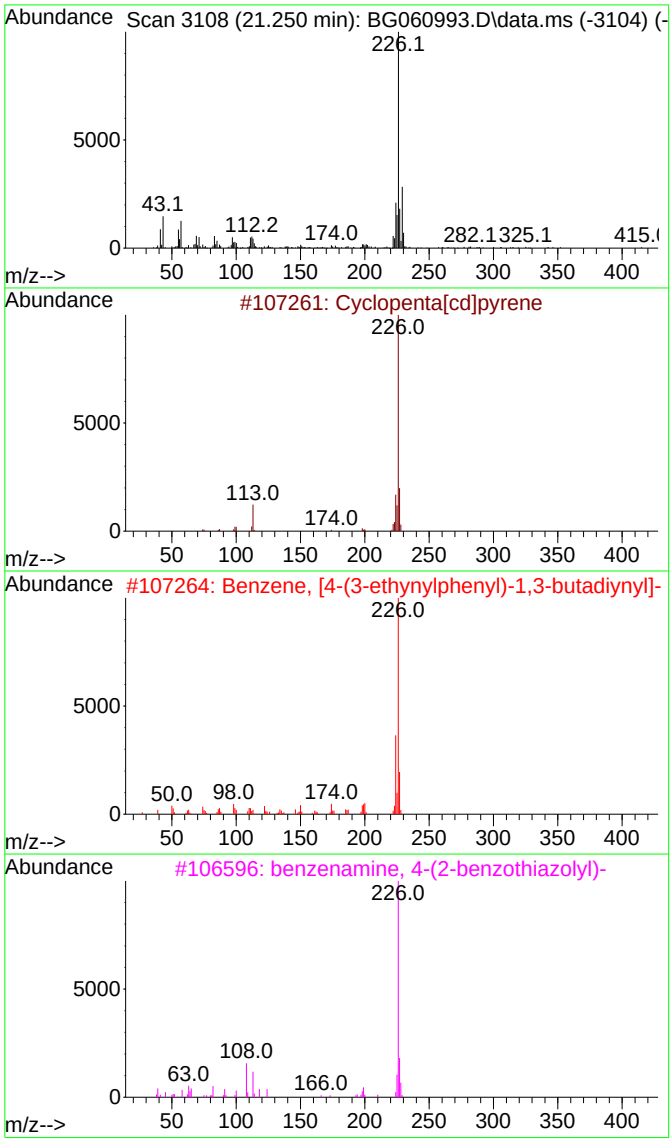
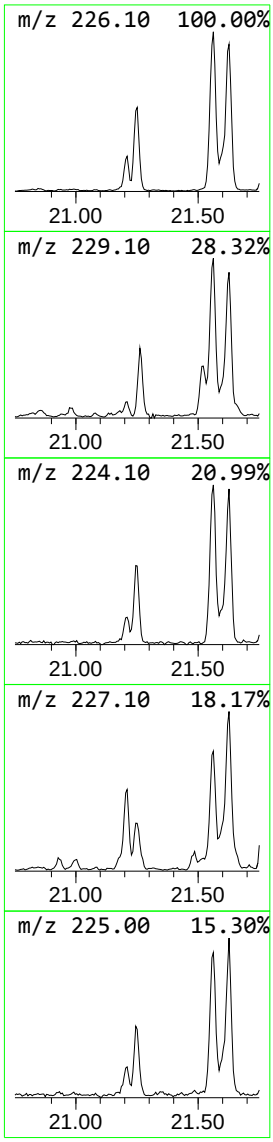
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.250	3.40 ng	420273	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	58
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	43
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43





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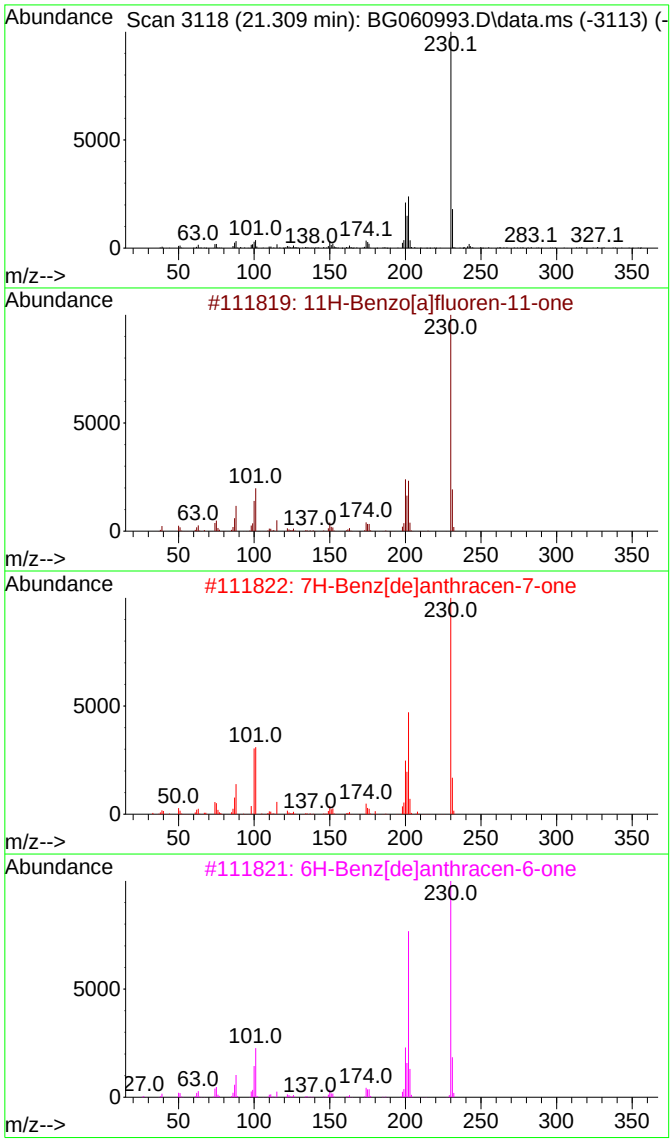
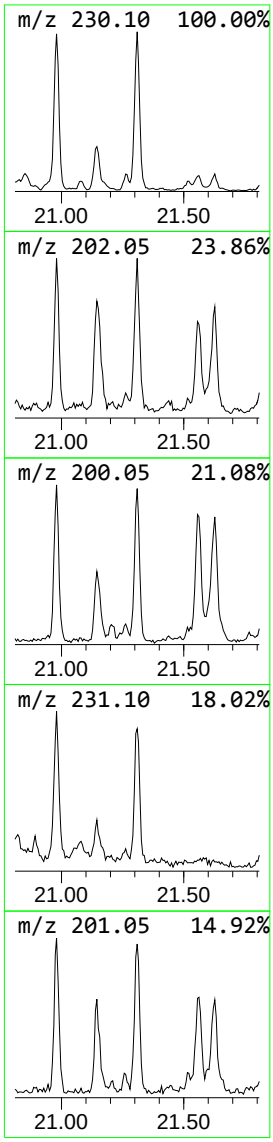
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.309	3.19 ng	394281	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	56
5	p-Terphenyl	230	C18H14	000092-94-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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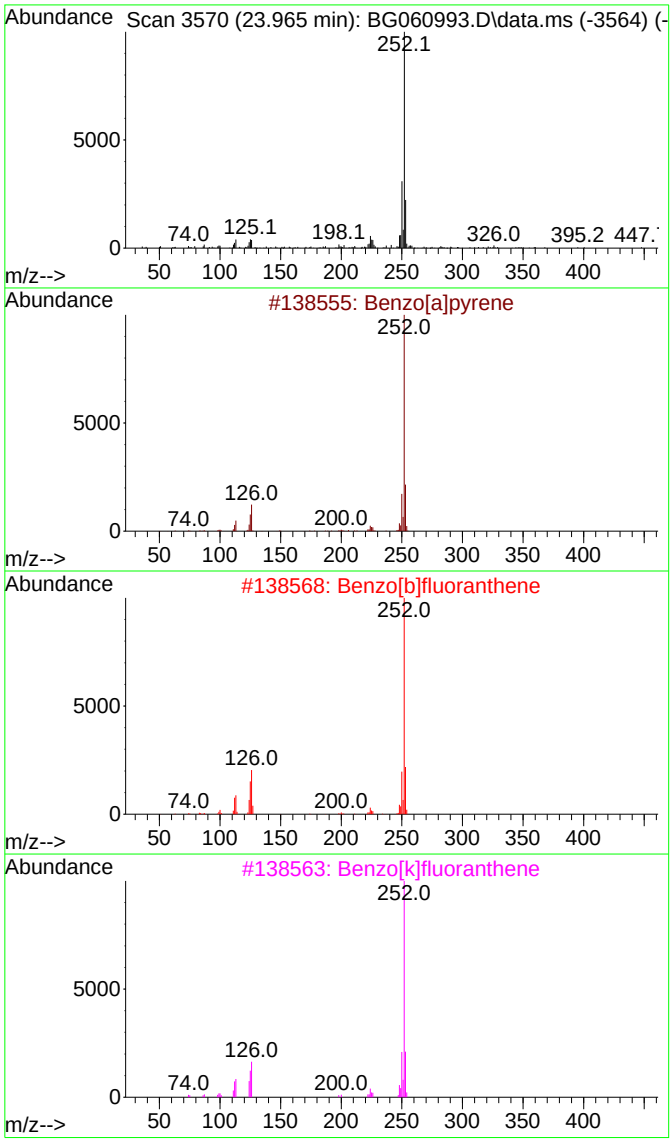
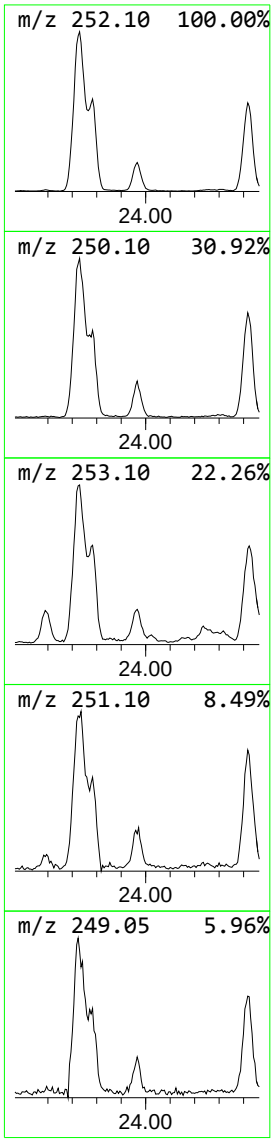
Peak Number 18 5-Methoxyflavone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.965	8.94 ng	263882	Perylene-d12	24.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	5-Methoxyflavone	252	C16H12O3	042079-78-7	76
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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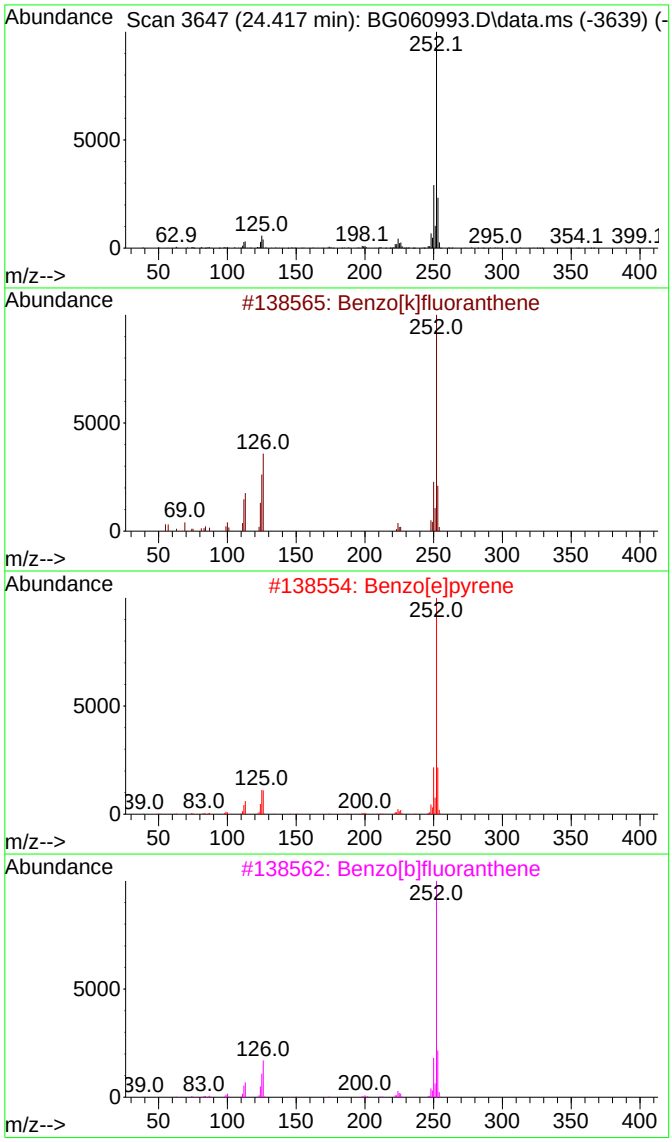
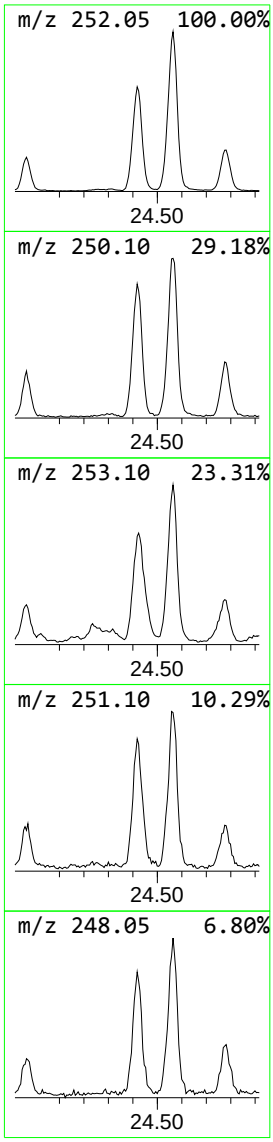
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.417	35.26 ng	1041410	Perylene-d12	24.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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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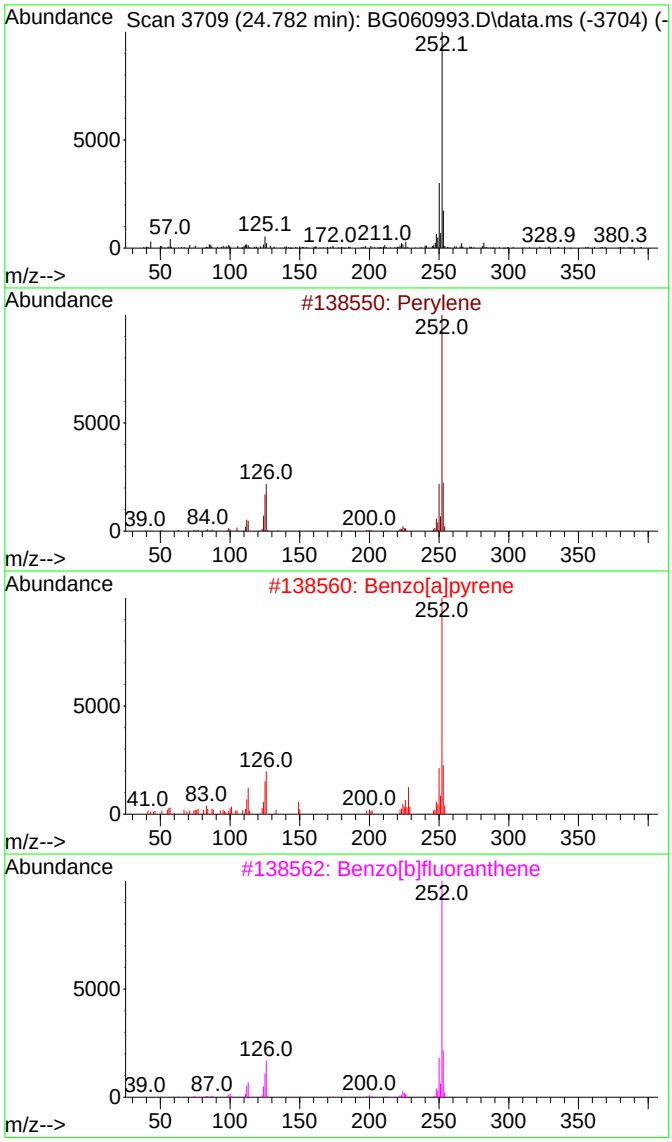
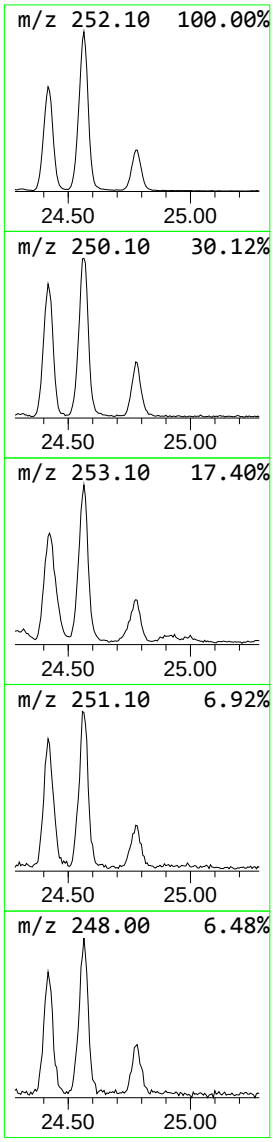
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.782	15.54 ng	458910	Perylene-d12	24.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	76
2	Benzo[a]pyrene	252	C20H12	000050-32-8	68
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
4	Benzo[e]pyrene	252	C20H12	000192-97-2	64
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060993.D
Acq On : 22 Apr 2024 16:01
Operator : MA/JU
Sample : P2127-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-BACK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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...	3.166	6.3	ng	60188	1	7.943	190146	20.0
9H-Fluoren-9-one	16.961	4.1	ng	91263	4	17.314	440998	20.0
Naphtho[2,1-b]t...	17.132	3.5	ng	77556	4	17.314	440998	20.0
Phenanthrene, 1...	18.189	8.5	ng	186938	4	17.314	440998	20.0
Anthracene, 2-m...	18.236	15.5	ng	342441	4	17.314	440998	20.0
Phenanthrene, 2...	18.325	3.7	ng	81653	4	17.314	440998	20.0
4H-Cyclopenta[d...	18.389	15.4	ng	338921	4	17.314	440998	20.0
1a,9b-Dihydro-1...	18.424	3.9	ng	85371	4	17.314	440998	20.0
5,16[1',2']:8,1...	18.689	6.3	ng	137824	4	17.314	440998	20.0
9,10-Anthracene...	18.730	7.9	ng	173583	4	17.314	440998	20.0
Phenanthrene, 2...	19.112	6.1	ng	134443	4	17.314	440998	20.0
unknown19.171	19.171	2.8	ng	61131	4	17.314	440998	20.0
Cyclopenta(def)...	19.247	7.6	ng	167174	4	17.314	440998	20.0
11H-Benzo[a]flu...	20.980	2.6	ng	325456	5	21.579	2474260	20.0
Benzo[b]naphtho...	21.162	3.2	ng	401170	5	21.579	2474260	20.0
Cyclopenta[cd]p...	21.250	3.4	ng	420273	5	21.579	2474260	20.0
7H-Benz[de]anth...	21.309	3.2	ng	394281	5	21.579	2474260	20.0
5-Methoxyflavone	23.965	8.9	ng	263882	6	24.705	590648	20.0
Benzo[e]pyrene	24.417	35.3	ng	1041410	6	24.705	590648	20.0
Perylene	24.782	15.5	ng	458910	6	24.705	590648	20.0