LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060550.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.497	404	410	422	rBV	311525	557113	8.85%	0.839%
2	7.083	670	680	695	rBV	329854	636790	10.12%	0.959%
3	7.917	816	822	831	rBV	466061	828634	13.17%	1.248%
4	9.081	1014	1020	1029	rBV	210217	406723	6.46%	0.613%
5	10.726	1292	1300	1317	rBV	628668	1162317	18.47%	1.751%
6	13.176	1711	1717	1728	rBV	677558	1086837	17.27%	1.637%
7	13.875	1831	1836	1842	rBV2	47413	87385	1.39%	0.132%
8	14.563	1940	1953	1958	rBV	1202720	1939239	30.82%	2.922%
9	14.621	1958	1963	1971	rVB	237930	390741	6.21%	0.589%
10	14.956	2014	2020	2027	rVV	93549	151585	2.41%	0.228%
11	15.174	2050	2057	2062	rBV3	34574	71290	1.13%	0.107%
12	15.350	2078	2087	2089	rBV4	34342	71056	1.13%	0.107%
13	15.608	2124	2131	2141	rVB3	224618	402589	6.40%	0.607%
14	15.702	2141	2147	2149	rBV3	40169	64427	1.02%	0.097%
15	15.726	2149	2151	2155	rVV2	62754	83820	1.33%	0.126%
16	15.773	2155	2159	2163	rVB	59538	82419	1.31%	0.124%
17	15.896	2176	2180	2189	rVB	106284	194511	3.09%	0.293%
18	16.049	2200	2206	2214	rBV	648897	1043270	16.58%	1.572%
19	16.137	2218	2221	2229	rVB2	33008	65777	1.05%	0.099%
20	16.284	2235	2246	2252	rVB2	38692	88815	1.41%	0.134%
21	16.613	2298	2302	2306	rVB3	77055	125177	1.99%	0.189%
22	16.660	2306	2310	2315	rVB2	55164	81219	1.29%	0.122%
23	16.760	2324	2327	2332	rVB4	45482	65546	1.04%	0.099%
24	16.836	2332	2340	2344	rBV3	87368	196988	3.13%	0.297%
25	16.877	2344	2347	2351	rVB3	66235	76676	1.22%	0.116%
26	16.960	2356	2361	2368	rVB	125199	213834	3.40%	0.322%
27	17.036	2368	2374	2376	rBV2	89189	136374	2.17%	0.205%
28	17.130	2385	2390	2397	rVB	108442	191782	3.05%	0.289%
29	17.306	2414	2420	2424	rBV	1580518	2492953	39.62%	3.756%
30	17.353	2424	2428	2434	rVV	2183506	3207731	50.99%	4.833%
31	17.442	2434	2443	2448	rVB	592456	875895	13.92%	1.320%
32	17.712	2480	2489	2505	rVB4	151460	484965	7.71%	0.731%
33	17.829	2505	2509	2514	rBV2	59574	102494	1.63%	0.154%
34	17.888	2515	2519	2523	rBV3	54089	73994	1.18%	0.111%
35	18.182	2560	2569	2574	rBV	353834	599997	9.54%	0.904%
36	18.235	2574	2578	2585	rVB	497572	735068	11.68%	1.107%

LSC Area Percent Report

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Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.317	2585	2592	2596	rBV	226706	358163	5.69%	0.540%
38	18.382	2596	2603	2607	rVV2	527678	998403	15.87%	1.504%
39	18.417	2607	2609	2615	rVV2	236773	285045	4.53%	0.429%
40	18.575	2632	2636	2641	rVV8	32870	71142	1.13%	0.107%
41	18.622	2641	2644	2649	rVV7	40974	66211	1.05%	0.100%
42	18.687	2649	2655	2658	rVV	224681	348937	5.55%	0.526%
43	18.728	2658	2662	2670	rVV	180471	271133	4.31%	0.408%
44	18.928	2692	2696	2701	rBV3	101861	144547	2.30%	0.218%
45	18.981	2701	2705	2708	rBV	83009	93991	1.49%	0.142%
46	19.016	2708	2711	2716	rVB2	85607	118523	1.88%	0.179%
47	19.098	2719	2725	2731	rBV2	171290	332666	5.29%	0.501%
48	19.169	2731	2737	2739	rBV3	88021	137710	2.19%	0.207%
49	19.245	2745	2750	2757	rVB	171712	307066	4.88%	0.463%
50	19.369	2764	2771	2777	rBV	3485888	4939843	78.52%	7.442%
51	19.427	2778	2781	2784	rVV	71521	95032	1.51%	0.143%
52	19.463	2784	2787	2791	rVB2	98925	124296	1.98%	0.187%
53	19.557	2799	2803	2807	rBV4	69806	102155	1.62%	0.154%
54	19.610	2809	2812	2816	rVV	78369	105870	1.68%	0.160%
55	19.698	2822	2827	2829	rBV2	708848	1131411	17.98%	1.705%
56	19.733	2829	2833	2840	rVV	2797890	4086651	64.96%	6.157%
57	19.798	2840	2844	2851	rVB3	194345	323083	5.14%	0.487%
58	19.927	2858	2866	2870	rBV2	1011949	1562004	24.83%	2.353%
59	19.968	2870	2873	2879	rVB	110275	185073	2.94%	0.279%
60	20.050	2881	2887	2894	rBV3	245859	660794	10.50%	0.996%
61	20.191	2904	2911	2912	rVV5	211031	394802	6.28%	0.595%
62	20.221	2912	2916	2921	rVB	668826	970397	15.42%	1.462%
63	20.321	2929	2933	2937	rBV	406934	545390	8.67%	0.822%
64	20.379	2937	2943	2946	rVV3	383539	732619	11.64%	1.104%
65	20.415	2946	2949	2953	rVV3	239466	317632	5.05%	0.479%
66	20.456	2953	2956	2961	rVB2	117771	165450	2.63%	0.249%
67	20.520	2963	2967	2971	rBV	189604	252157	4.01%	0.380%
68	20.567	2971	2975	2979	rVV	172543	235198	3.74%	0.354%
69	20.814	3014	3017	3019	rBV3	67550	71263	1.13%	0.107%
70	20.979	3040	3045	3051	rVB	422118	641392	10.19%	0.966%
71	21.161	3069	3076	3079	rBV3	336339	680825	10.82%	1.026%
72	21.202	3079	3083	3087	rVV	353765	544400	8.65%	0.820%
73	21.249	3087	3091	3096	rVV2	297775	587269	9.33%	0.885%
74	21.308	3096	3101	3110	rVB2	438973	788407	12.53%	1.188%
75	21.560	3137	3144	3150	rBV4	2463691	6291508	100.00%	9.479%
76	21.619	3150	3154	3166	rVB	1658064	2974283	47.27%	4.481%

LSC Area Percent Report

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Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

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-BG010824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.766	3175	3179	3186	rVB	259070	434809	6.91%	0.655%
78	21.972	3210	3214	3221	rVB3	208534	410870	6.53%	0.619%
79	22.289	3265	3268	3273	rVB	319777	492157	7.82%	0.741%
80	22.359	3276	3280	3286	rVB	193737	353335	5.62%	0.532%
81	22.559	3310	3314	3318	rBV	124590	187193	2.98%	0.282%
82	23.734	3506	3514	3521	rBV	1053288	3422810	54.40%	5.157%
83	23.987	3551	3557	3564	rVB	183476	410445	6.52%	0.618%
84	24.445	3627	3635	3649	rVB	556023	1610891	25.60%	2.427%
85	24.586	3651	3659	3672	rVB	902373	2428082	38.59%	3.658%
86	24.739	3675	3685	3692	rBV	1066921	3100134	49.27%	4.671%
87	28.341	4287	4298	4299	rBV2	220531	596952	9.49%	0.899%
88	29.463	4480	4489	4505	rVB3	176099	807935	12.84%	1.217%

Sum of corrected areas: 66374385

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
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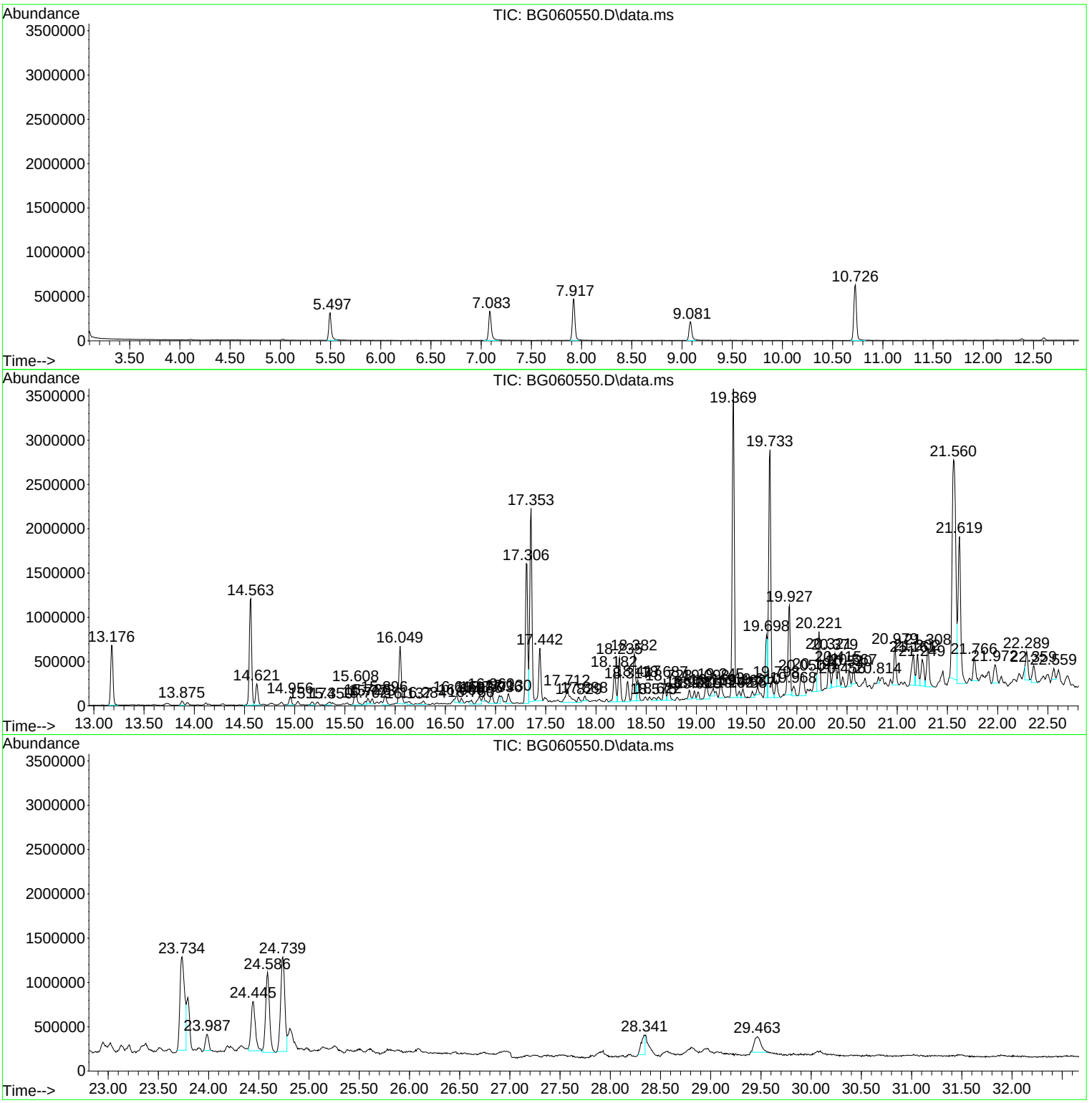
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

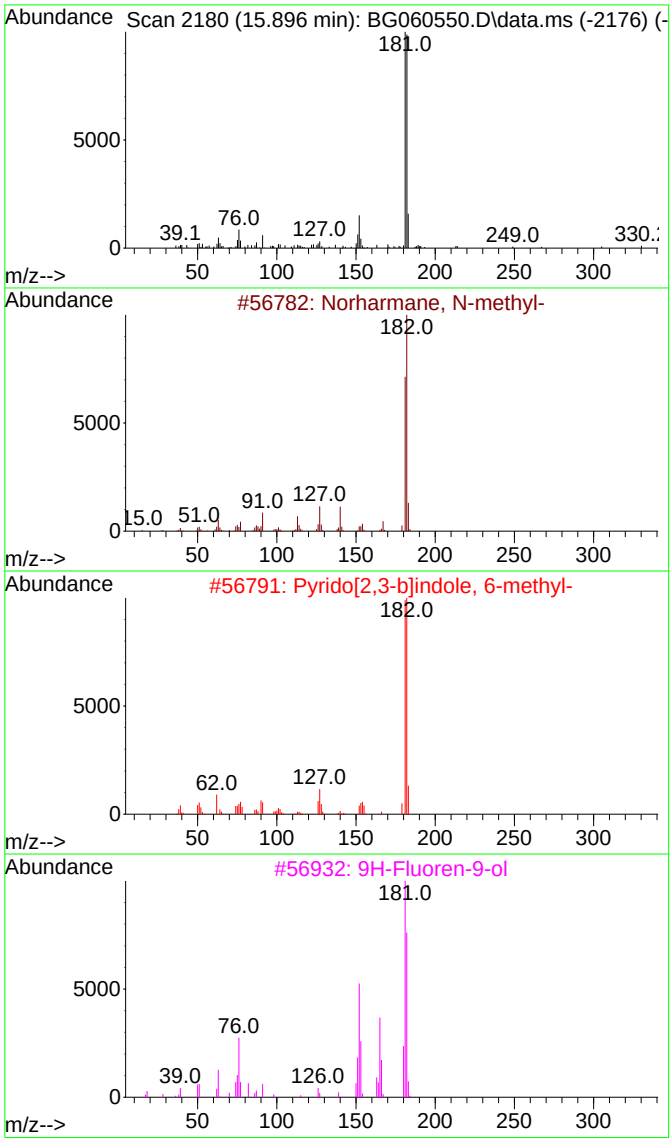
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

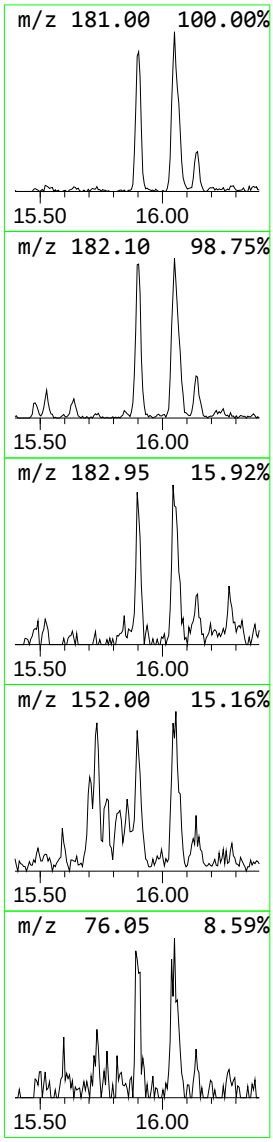
****

Peak Number 1 Norharmane, N-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.896	2.01 ng	194511	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	80
2	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

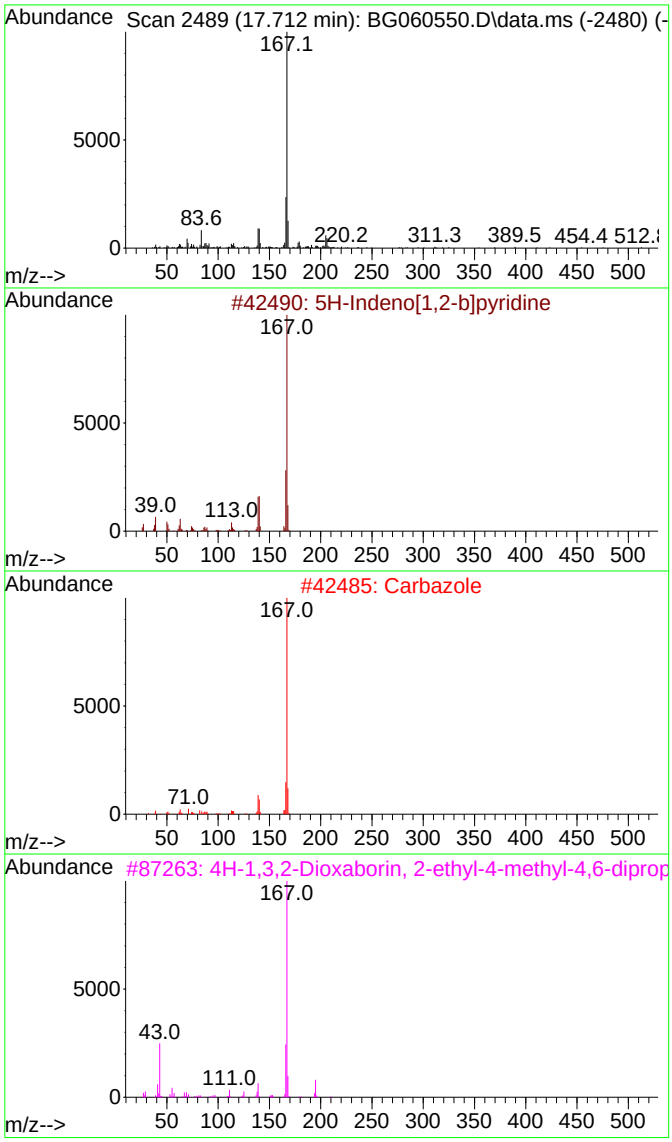
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

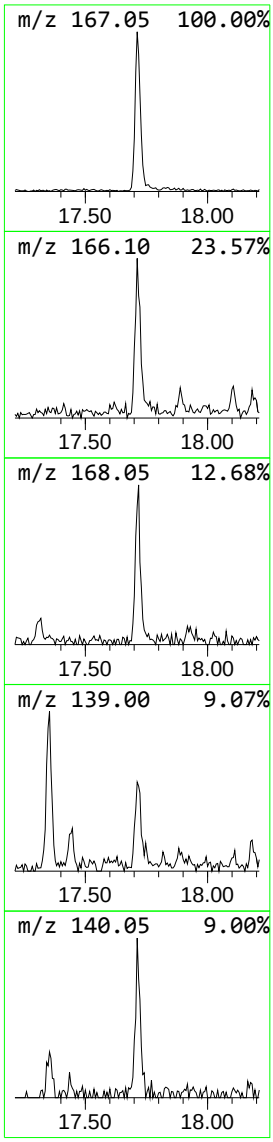
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.712	3.89 ng	484965	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	83
2	Carbazole	167	C12H9N	000086-74-8	81
3	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-10-6	80
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72
5	2-Azafluorene	167	C12H9N	000244-40-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
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Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

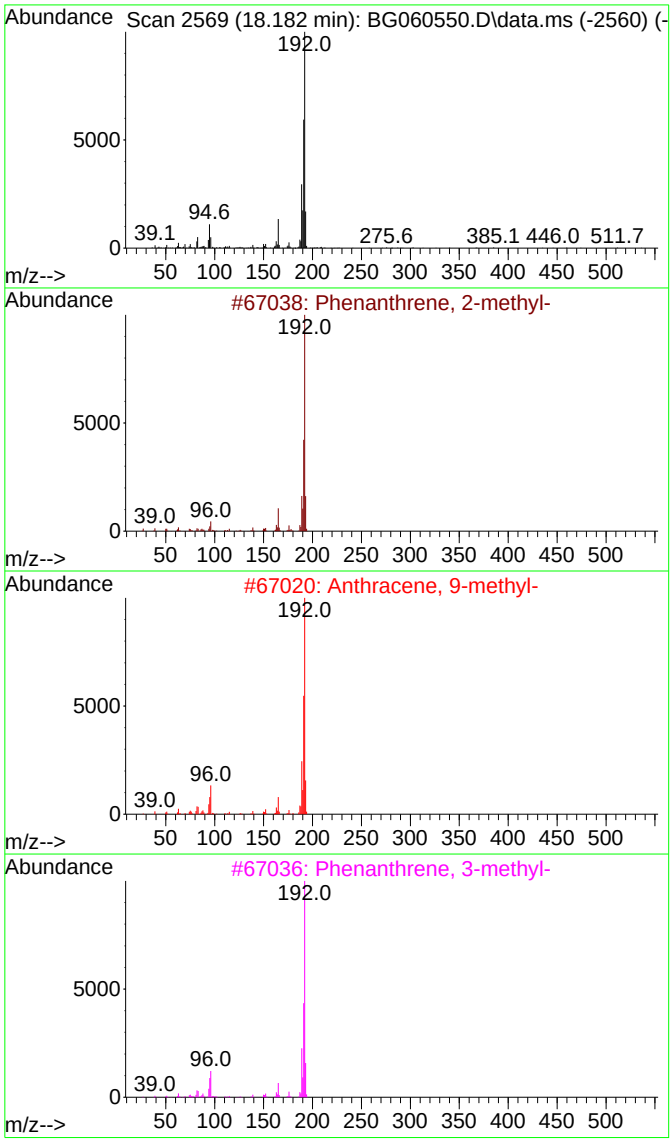
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

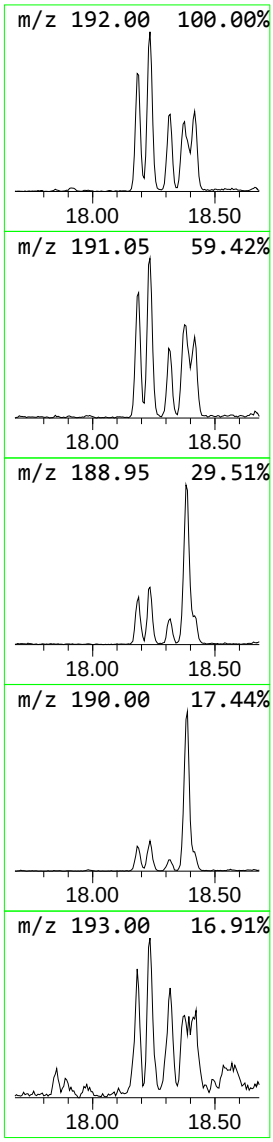
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	4.81 ng	599997	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

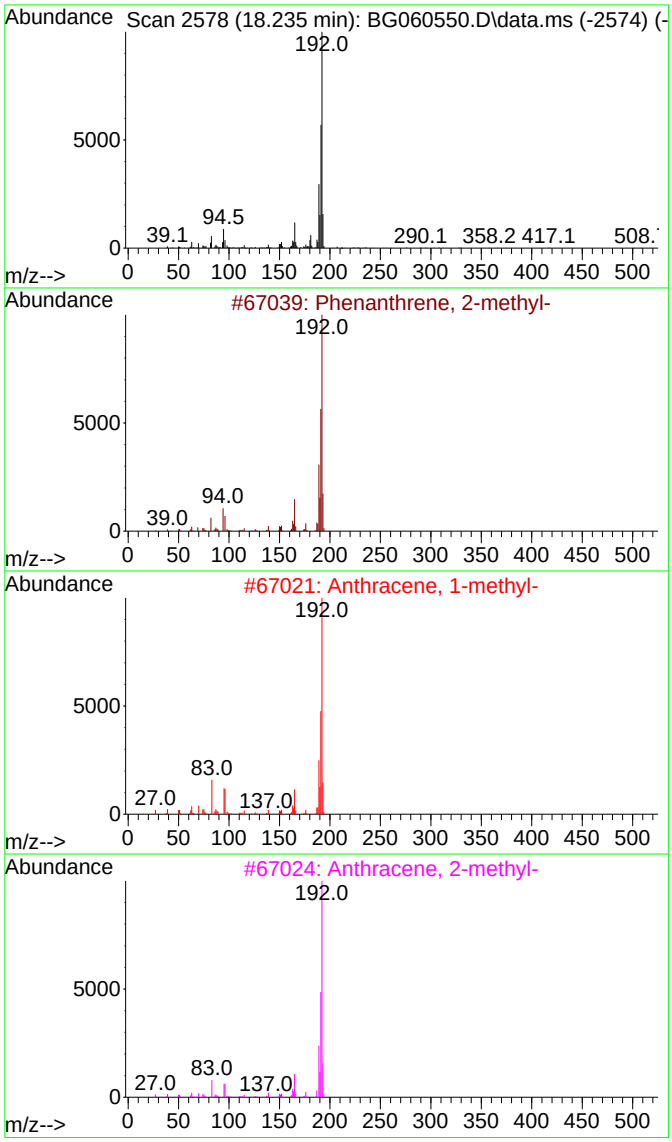
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

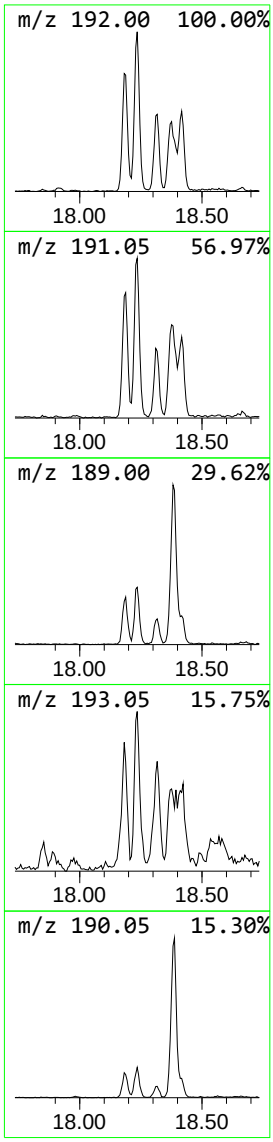
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.235	5.90 ng	735068	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

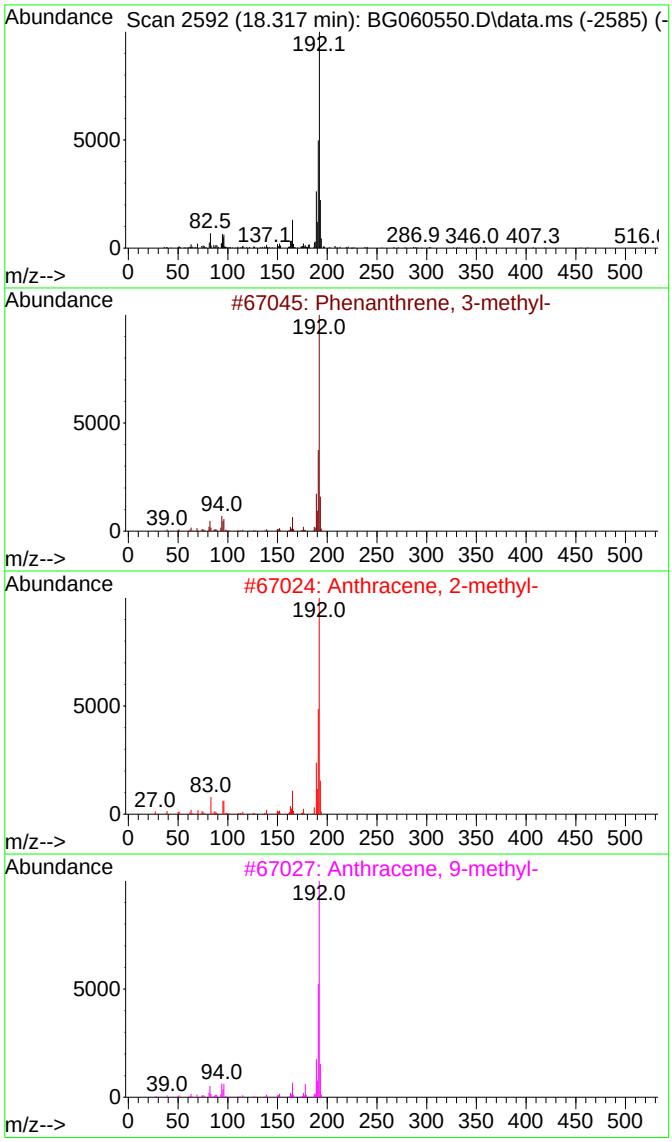
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

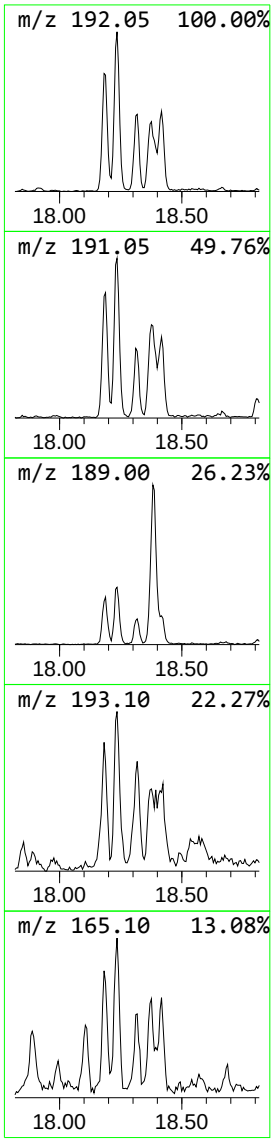
****

Peak Number 5 Phenanthrene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.87 ng	358163	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

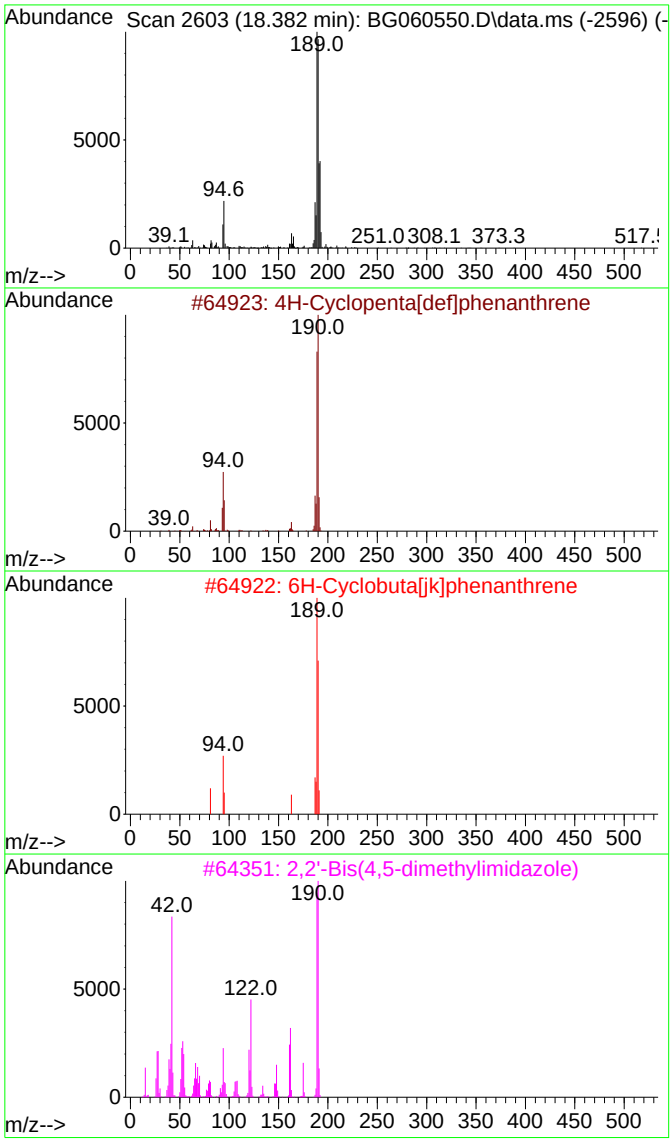
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

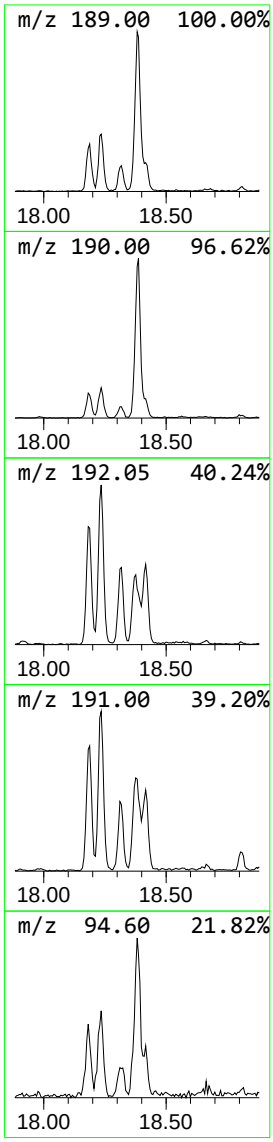
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	8.01 ng	998403	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
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	25
5	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	17





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Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-614-COMP-02

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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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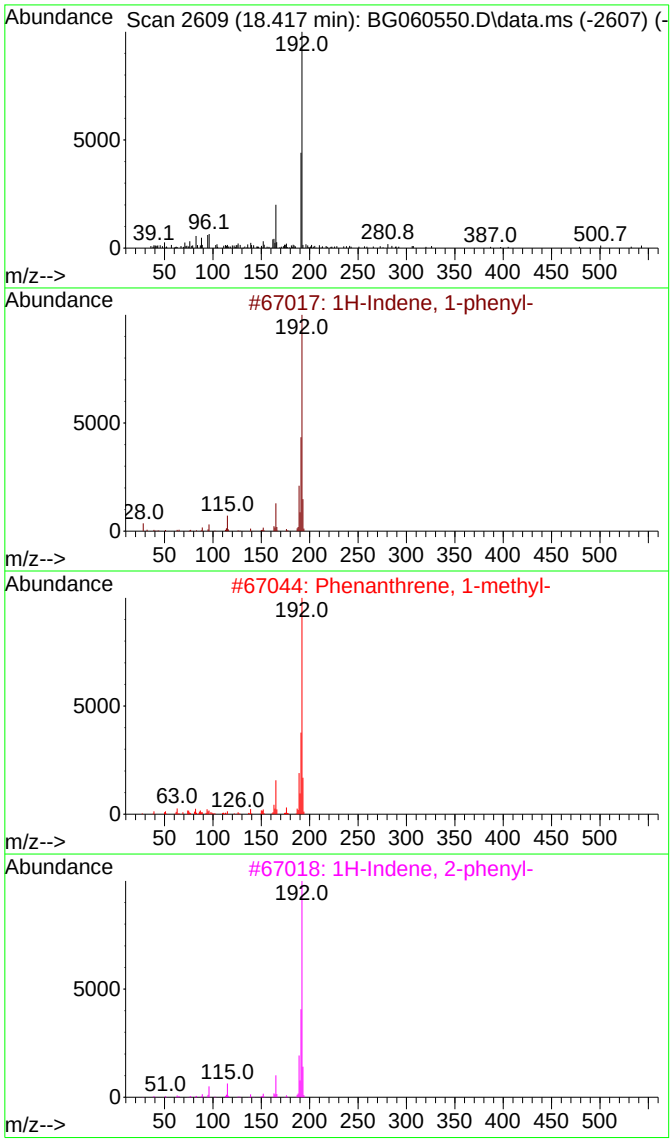
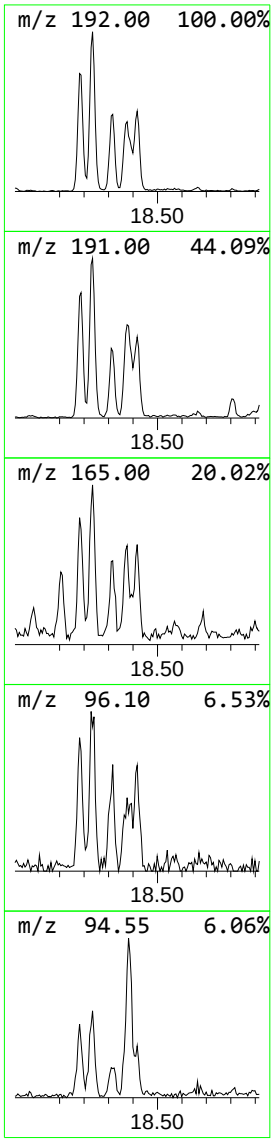
Peak Number 7 1H-Indene, 1-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.417	2.29 ng	285045	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72





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ClientSampleId :
TR-614-COMP-02

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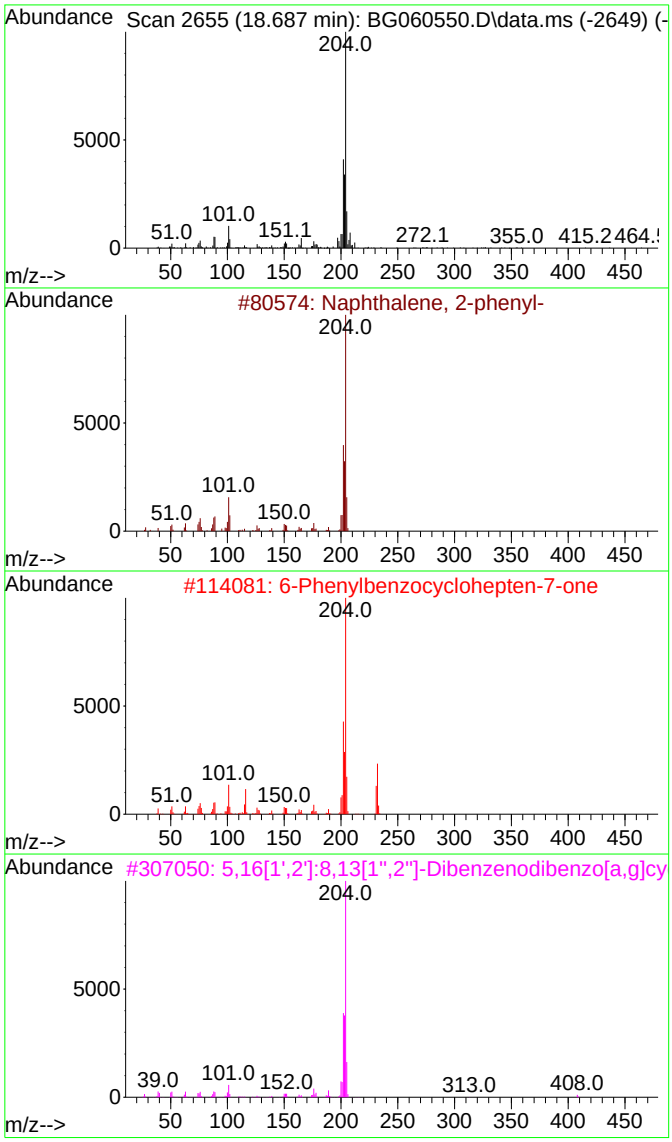
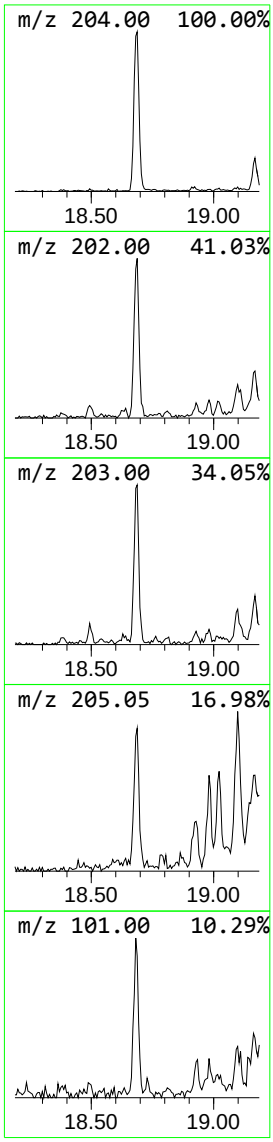
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	2.80 ng	348937	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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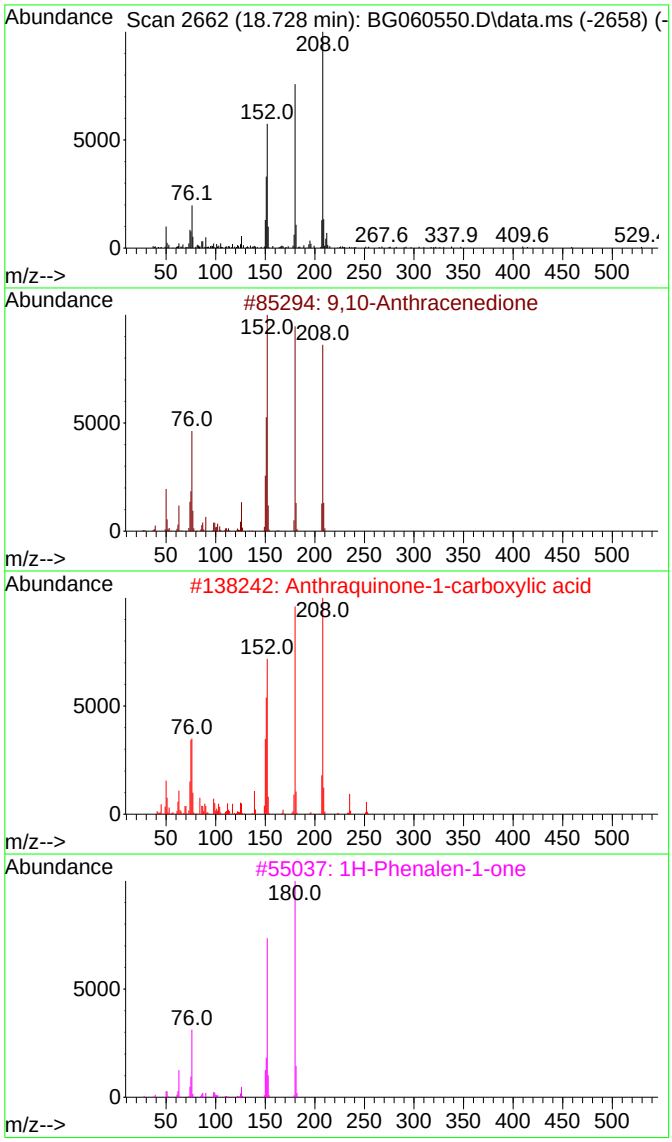
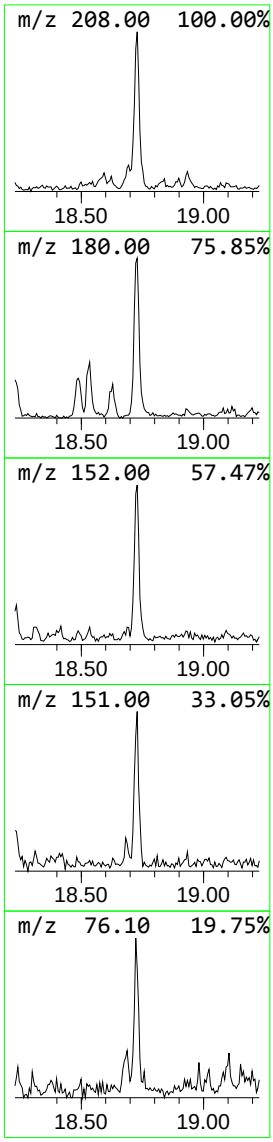
Peak Number 9 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	2.18 ng	271133	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	72
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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

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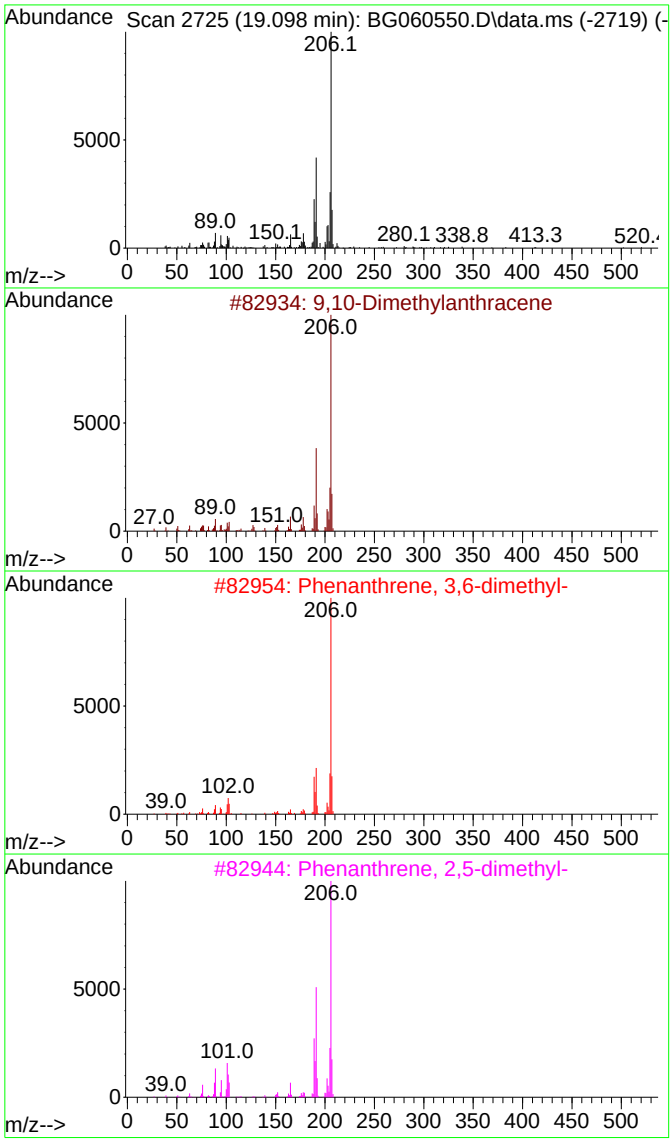
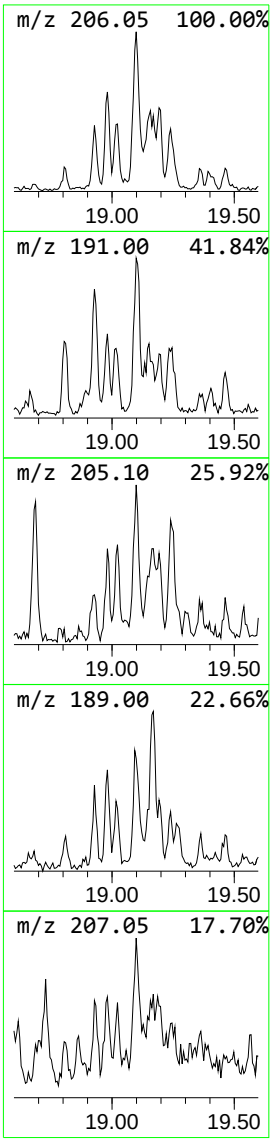
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	2.67 ng	332666	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	80





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ALS Vial : 16 Sample Multiplier: 1

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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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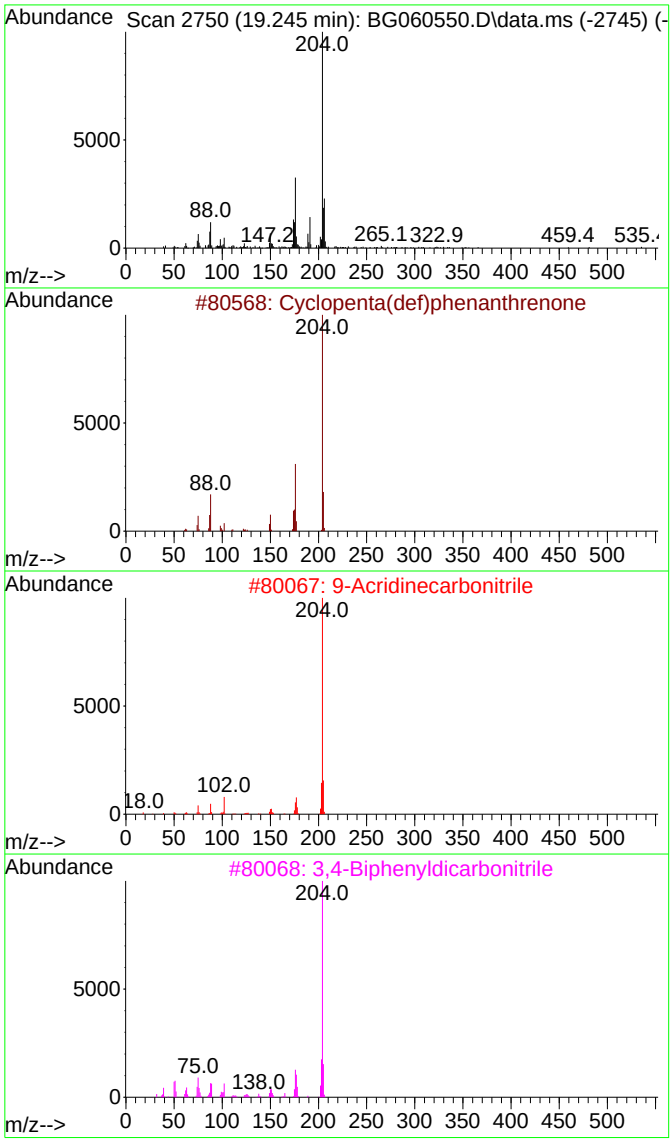
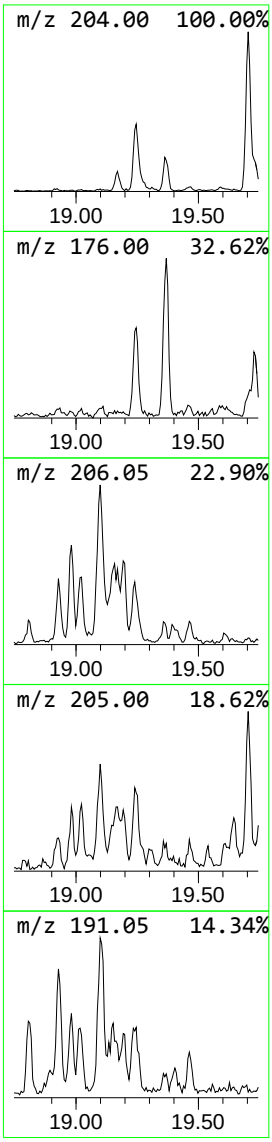
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	2.46 ng	307066	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	50





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ALS Vial : 16 Sample Multiplier: 1

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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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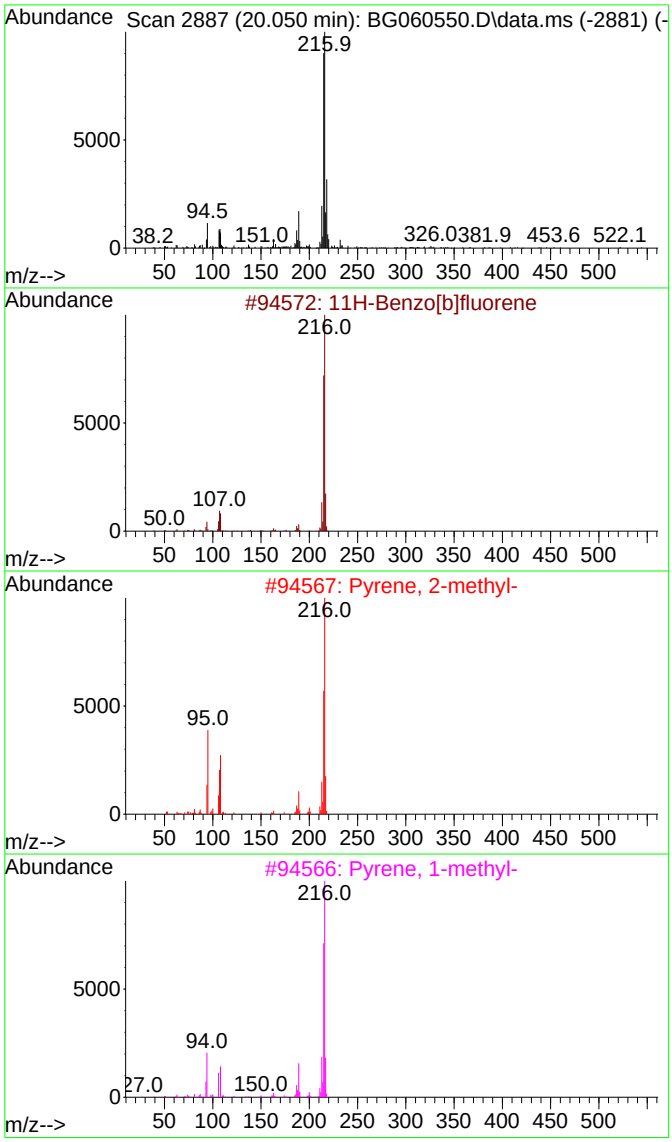
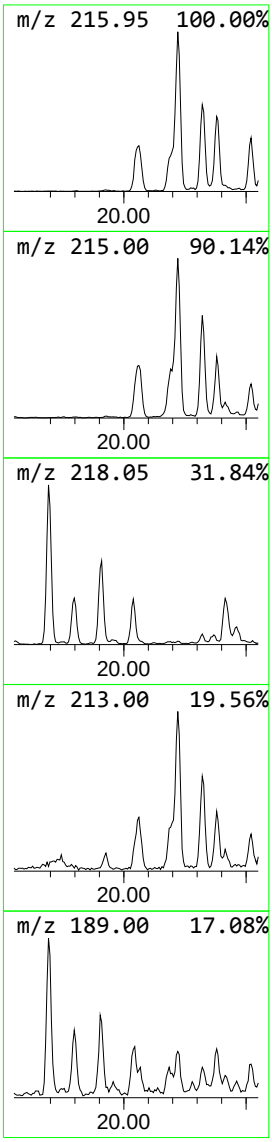
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	2.10 ng	660794	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Sample : P1307-08 5X
Misc :
ALS Vial : 16 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

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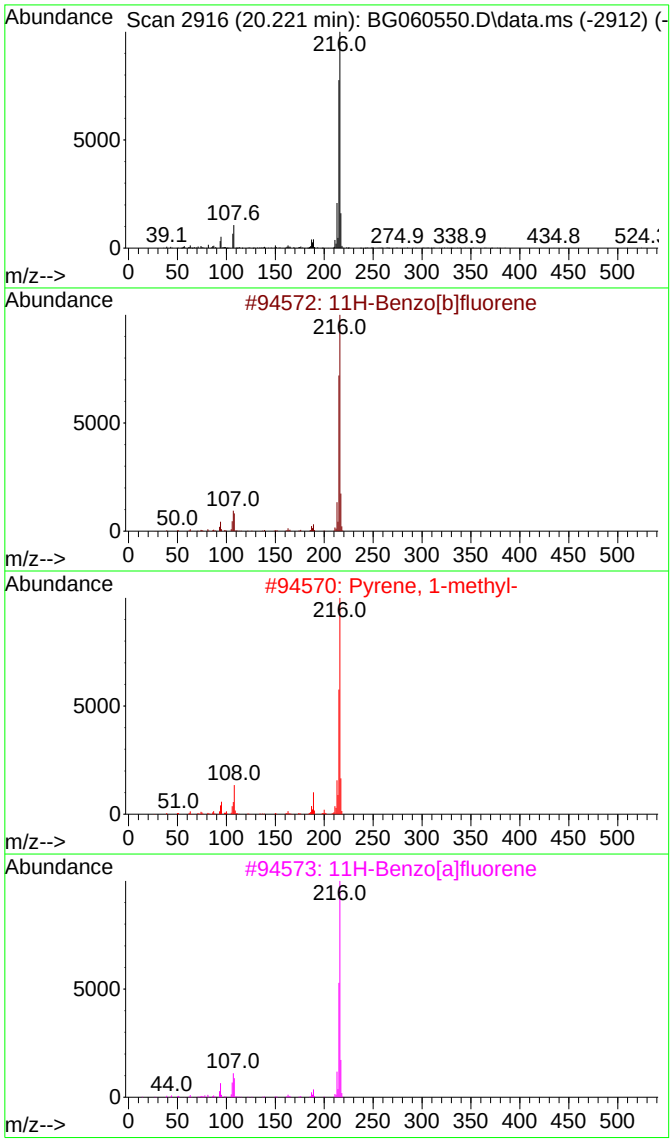
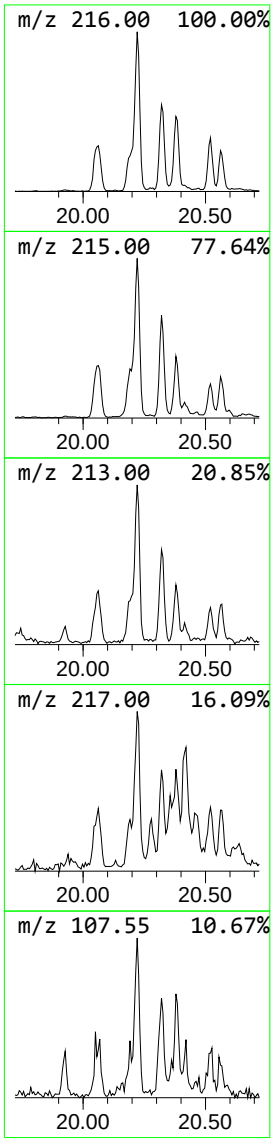
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	3.08 ng	970397	Chrysene-d12	21.572

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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
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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Misc :
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Instrument :
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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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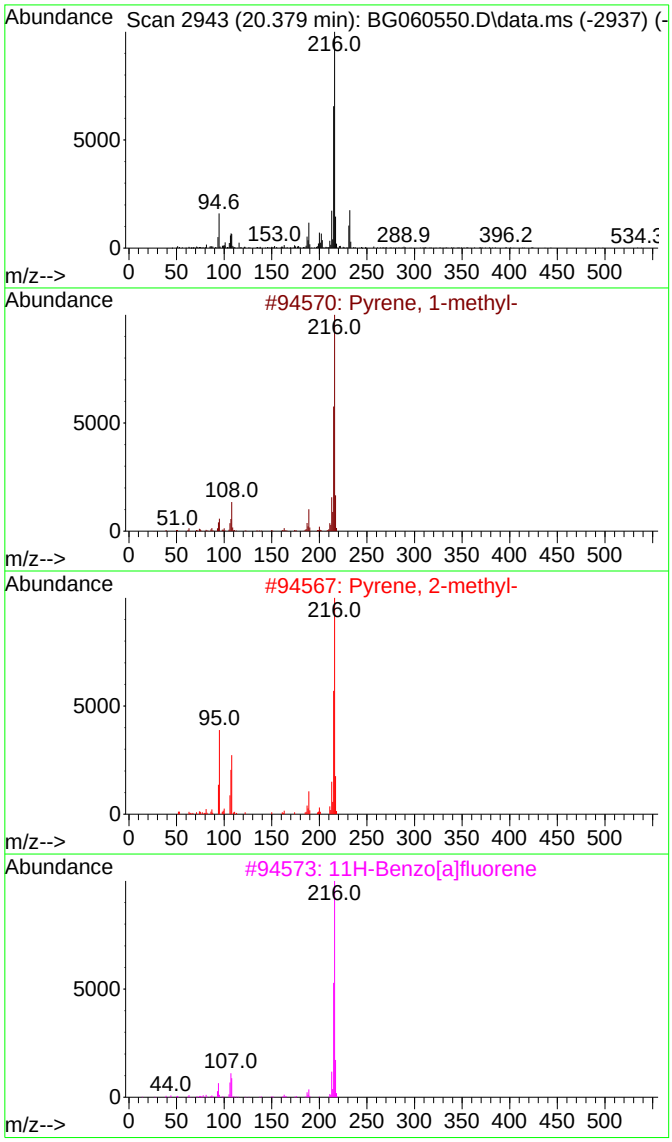
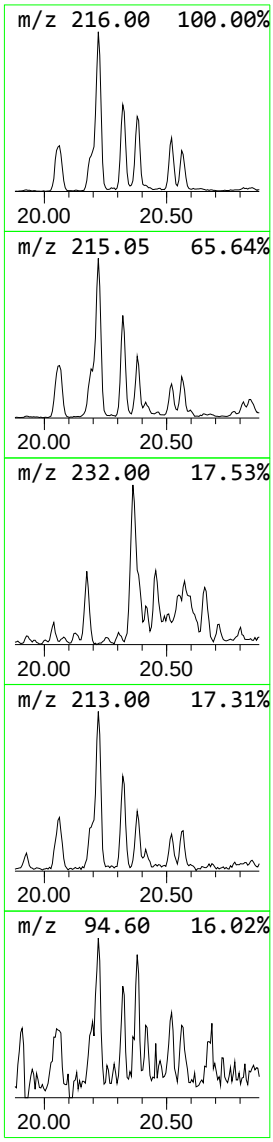
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.379	2.33 ng	732619	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86





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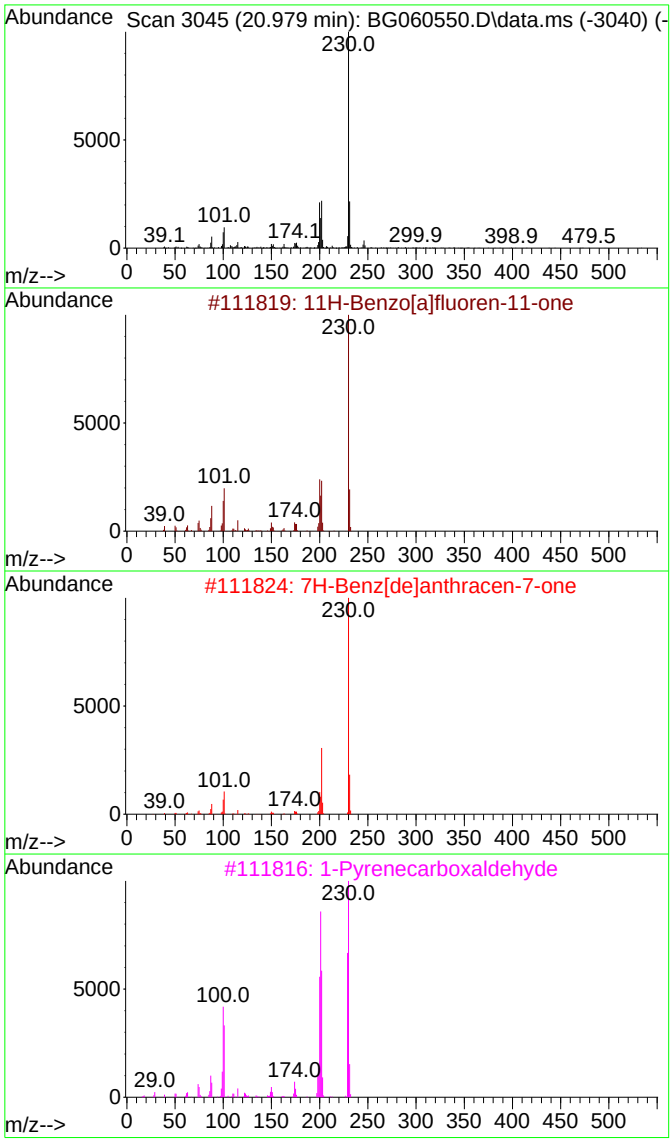
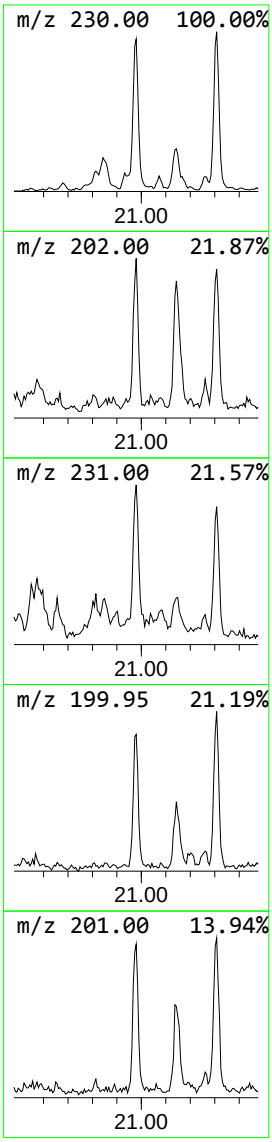
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.979	2.04 ng	641392	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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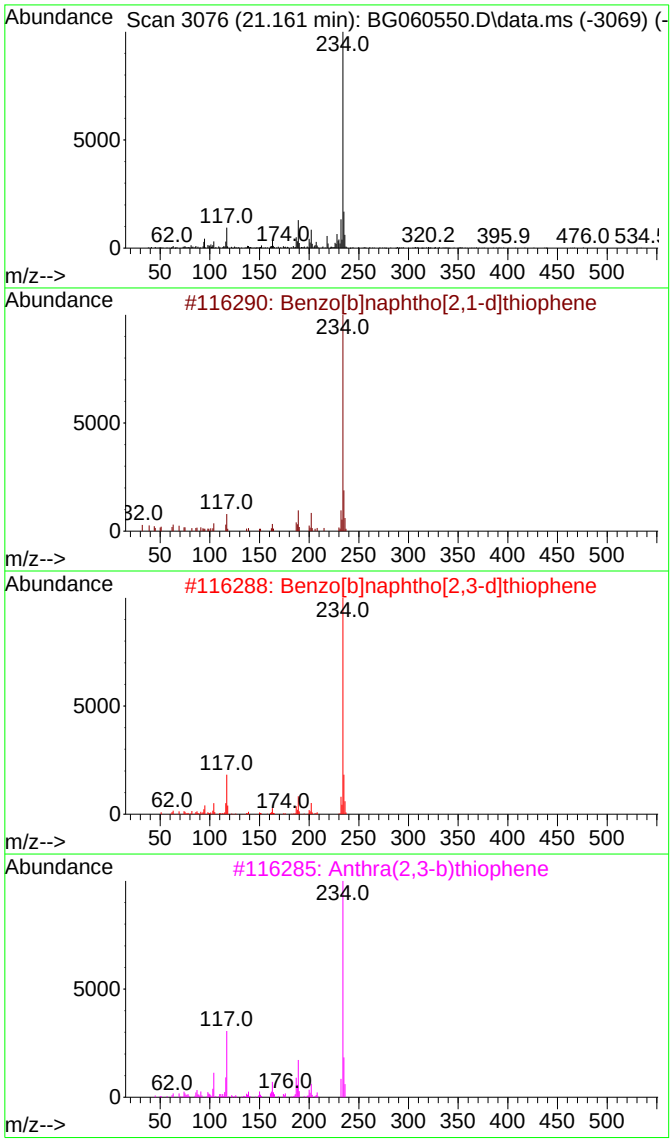
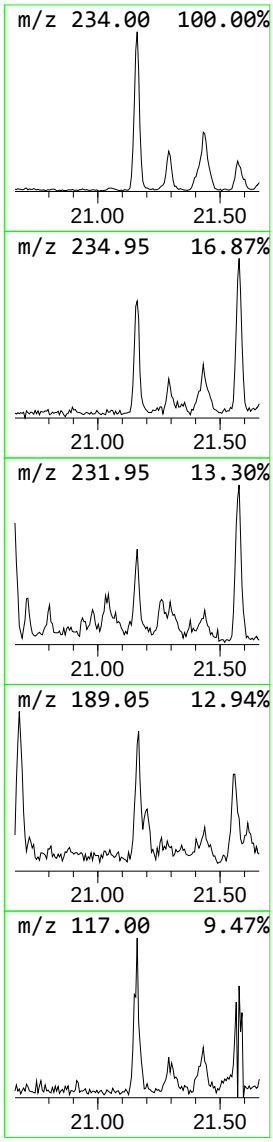
****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.161	2.16 ng	680825	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	86
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	72
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	72





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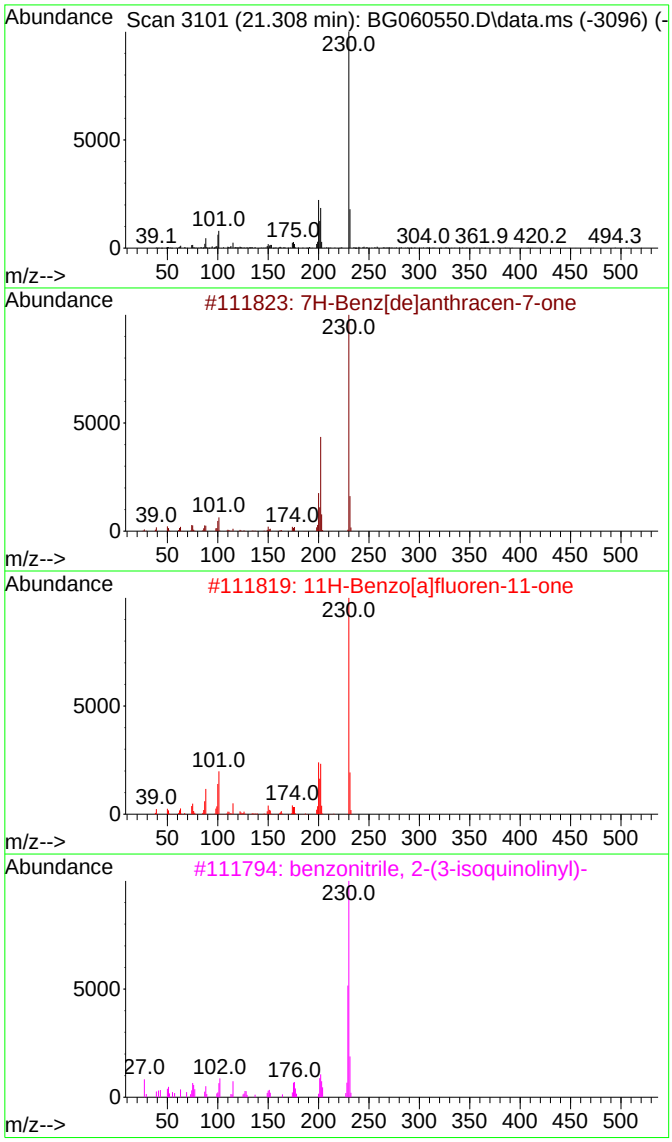
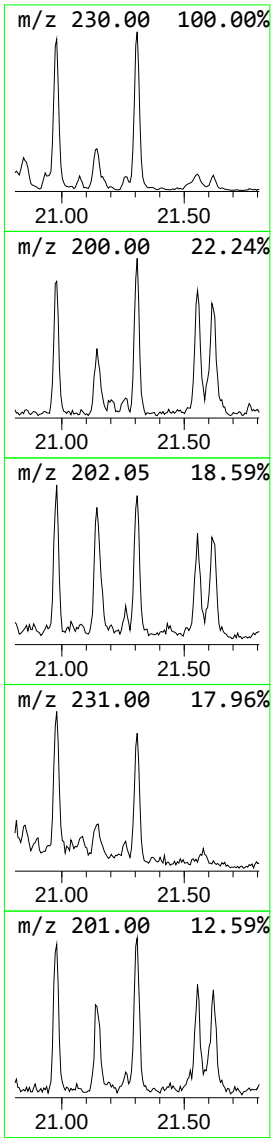
****
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.308	2.51 ng	788407	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
3	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	64
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





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Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

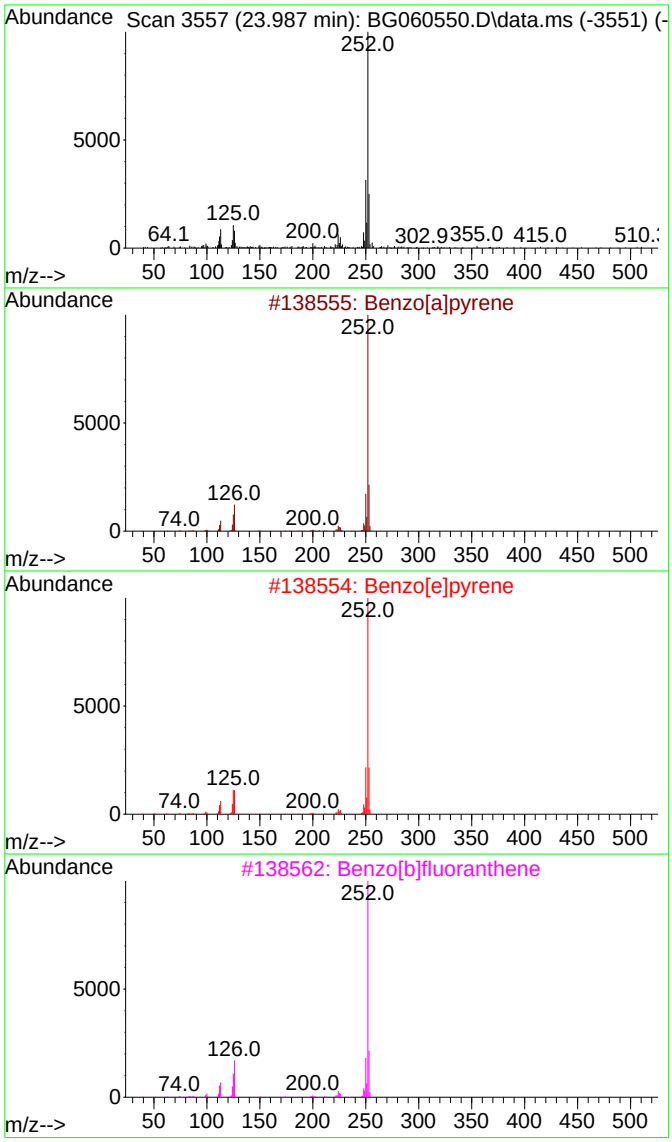
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

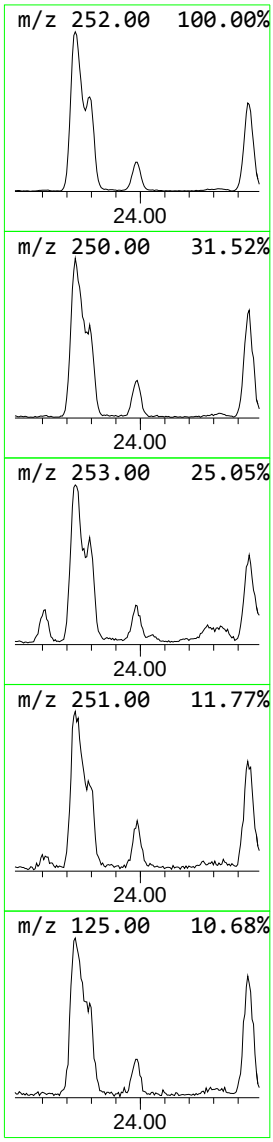
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.987	2.65 ng	410445	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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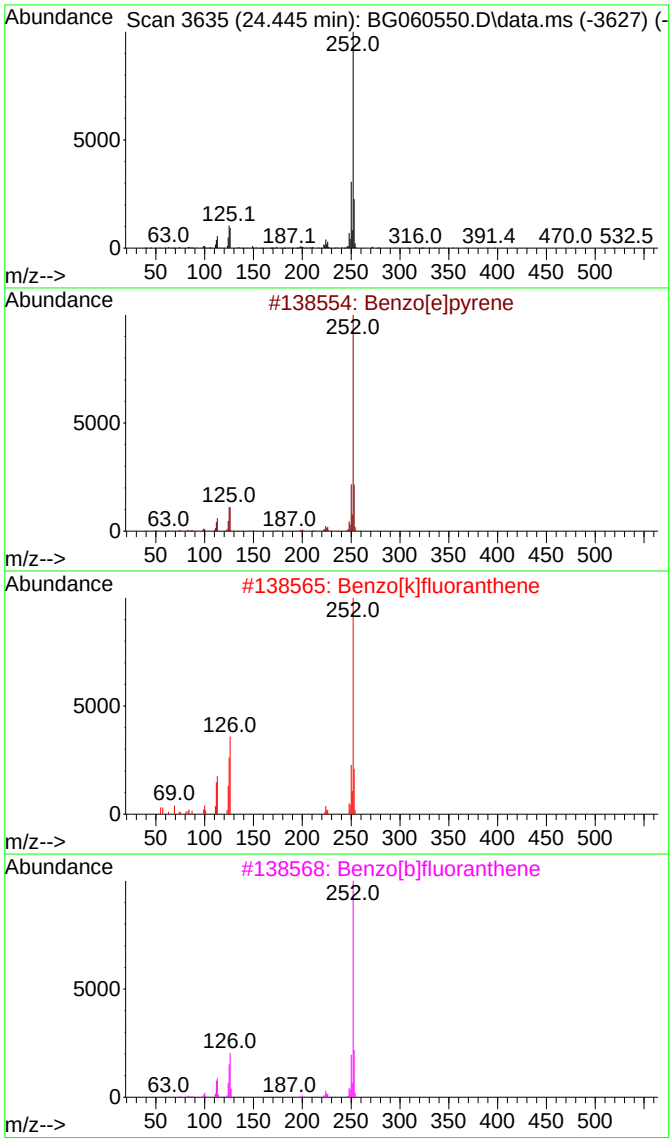
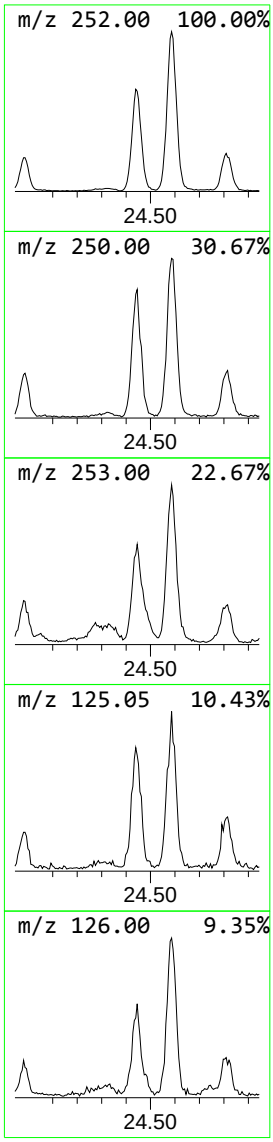
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.445	10.39 ng	1610890	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060550.D
Acq On : 2 Feb 2024 2:25
Operator : MA/JU
Sample : P1307-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-614-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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
Norharmane, N-m...	15.896	2.0	ng	194511	3	14.563	1939240	20.0
5H-Indeno[1,2-b...	17.712	3.9	ng	484965	4	17.306	2492950	20.0
Phenanthrene, 2...	18.182	4.8	ng	599997	4	17.306	2492950	20.0
Anthracene, 1-m...	18.235	5.9	ng	735068	4	17.306	2492950	20.0
Phenanthrene, 3...	18.317	2.9	ng	358163	4	17.306	2492950	20.0
4H-Cyclopenta[d...	18.382	8.0	ng	998403	4	17.306	2492950	20.0
1H-Indene, 1-ph...	18.417	2.3	ng	285045	4	17.306	2492950	20.0
Naphthalene, 2-...	18.687	2.8	ng	348937	4	17.306	2492950	20.0
9,10-Anthracene...	18.728	2.2	ng	271133	4	17.306	2492950	20.0
9,10-Dimethylan...	19.098	2.7	ng	332666	4	17.306	2492950	20.0
Cyclopenta(def)...	19.245	2.5	ng	307066	4	17.306	2492950	20.0
11H-Benzo[b]flu...	20.050	2.1	ng	660794	5	21.572	6291510	20.0
Pyrene, 1-methyl-	20.221	3.1	ng	970397	5	21.572	6291510	20.0
Pyrene, 2-methyl-	20.379	2.3	ng	732619	5	21.572	6291510	20.0
11H-Benzo[a]flu...	20.979	2.0	ng	641392	5	21.572	6291510	20.0
Benzo[b]naphtho...	21.161	2.2	ng	680825	5	21.572	6291510	20.0
7H-Benz[de]anth...	21.308	2.5	ng	788407	5	21.572	6291510	20.0
Benzo[e]pyrene	23.987	2.6	ng	410445	6	24.739	3100130	20.0
Perylene	24.445	10.4	ng	1610890	6	24.739	3100130	20.0