LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

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-BG030922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.705	388	394	405	rVB	43790	77560	2.57%	0.295%
2	7.327	665	670	681	rVB	47049	84676	2.80%	0.322%
3	8.178	806	815	825	rVB	147846	253404	8.39%	0.963%
4	9.347	1005	1014	1022	rBV2	31613	58165	1.92%	0.221%
5	11.016	1290	1298	1304	rBV	202829	365304	12.09%	1.389%
6	13.448	1706	1712	1719	rVB	91843	139309	4.61%	0.530%
7	14.828	1937	1947	1953	rBV	324745	492868	16.31%	1.874%
8	14.893	1953	1958	1965	rVB	84166	123695	4.09%	0.470%
9	15.222	2008	2014	2021	rBV2	39526	65243	2.16%	0.248%
10	15.874	2118	2125	2131	rBV	67333	113272	3.75%	0.431%
11	16.168	2170	2175	2181	rVB	25542	42912	1.42%	0.163%
12	16.320	2195	2201	2208	rVB2	78344	138232	4.57%	0.525%
13	16.884	2293	2297	2301	rVB3	22213	33531	1.11%	0.127%
14	17.102	2327	2334	2338	rBV4	24186	52764	1.75%	0.201%
15	17.231	2350	2356	2364	rVV	46824	81615	2.70%	0.310%
16	17.307	2364	2369	2378	rVV4	31089	77319	2.56%	0.294%
17	17.395	2380	2384	2392	rVB	48479	78441	2.60%	0.298%
18	17.583	2409	2416	2419	rBV	326417	554933	18.36%	2.109%
19	17.624	2419	2423	2429	rVV	903962	1311788	43.41%	4.986%
20	17.712	2429	2438	2443	rVV	256081	391049	12.94%	1.486%
21	17.765	2443	2447	2453	rVB3	25291	44898	1.49%	0.171%
22	17.977	2476	2483	2489	rBV2	82137	155938	5.16%	0.593%
23	18.094	2499	2503	2507	rVB	26505	32052	1.06%	0.122%
24	18.159	2511	2514	2521	rVB6	25129	38457	1.27%	0.146%
25	18.459	2560	2565	2568	rBV	125992	180547	5.97%	0.686%
26	18.506	2568	2573	2579	rVB	189060	282352	9.34%	1.073%
27	18.582	2579	2586	2592	rBV	102782	172787	5.72%	0.657%
28	18.652	2592	2598	2602	rBV3	228198	456843	15.12%	1.737%
29	18.688	2602	2604	2610	rVB	96946	112545	3.72%	0.428%
30	18.746	2610	2614	2619	rBV8	17749	32031	1.06%	0.122%
31	18.946	2643	2648	2652	rBV	117002	161471	5.34%	0.614%
32	18.993	2652	2656	2661	rVV2	77051	107840	3.57%	0.410%
33	19.069	2666	2669	2676	rVB3	20309	31195	1.03%	0.119%
34	19.193	2687	2690	2694	rVB2	37281	49208	1.63%	0.187%
35	19.240	2695	2698	2702	rBV2	30330	37365	1.24%	0.142%
36	19.281	2702	2705	2709	rVB2	35431	44277	1.47%	0.168%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

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-BG030922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.363	2713	2719	2725	rBV2	105089	219746	7.27%	0.835%
38	19.510	2739	2744	2751	rBV2	95466	173374	5.74%	0.659%
39	19.633	2758	2765	2771	rBV	2083764	3021846	100.00%	11.487%
40	19.680	2771	2773	2776	rVV2	34821	44520	1.47%	0.169%
41	19.722	2777	2780	2784	rVB2	53777	74434	2.46%	0.283%
42	19.874	2802	2806	2814	rVB	74174	140269	4.64%	0.533%
43	19.962	2815	2821	2822	rVV	379104	552141	18.27%	2.099%
44	19.998	2822	2827	2833	rVV	1850363	2756336	91.21%	10.478%
45	20.056	2833	2837	2844	rVB3	103112	164848	5.46%	0.627%
46	20.168	2851	2856	2861	rBV2	206137	309100	10.23%	1.175%
47	20.233	2863	2867	2872	rVB	99098	155518	5.15%	0.591%
48	20.309	2874	2880	2886	rBV2	140485	356955	11.81%	1.357%
49	20.479	2898	2909	2914	rVB	291416	593887	19.65%	2.258%
50	20.579	2921	2926	2929	rBV2	216510	302130	10.00%	1.148%
51	20.638	2930	2936	2939	rVV2	169369	328143	10.86%	1.247%
52	20.673	2940	2942	2946	rVB	82362	82988	2.75%	0.315%
53	20.779	2957	2960	2963	rBV	102449	123814	4.10%	0.471%
54	20.826	2965	2968	2977	rVB2	115290	192707	6.38%	0.733%
55	21.261	3038	3042	3049	rVB	157641	242246	8.02%	0.921%
56	21.449	3069	3074	3078	rBV2	132927	251741	8.33%	0.957%
57	21.496	3078	3082	3086	rVB	179668	258165	8.54%	0.981%
58	21.548	3086	3091	3096	rBV2	181321	339243	11.23%	1.290%
59	21.607	3097	3101	3109	rVB2	160429	308685	10.22%	1.173%
60	21.877	3140	3147	3154	rBV2	1085435	2405066	79.59%	9.142%
61	21.942	3154	3158	3171	rVB	862813	1600344	52.96%	6.083%
62	22.101	3181	3185	3193	rVB	190583	325036	10.76%	1.236%
63	22.318	3218	3222	3229	rVB2	124334	226464	7.49%	0.861%
64	24.239	3540	3549	3557	rBV	524884	1963729	64.98%	7.465%
65	25.014	3673	3681	3695	rVB	288691	944471	31.25%	3.590%
66	25.173	3699	3708	3723	rVB	456530	1373266	45.44%	5.220%

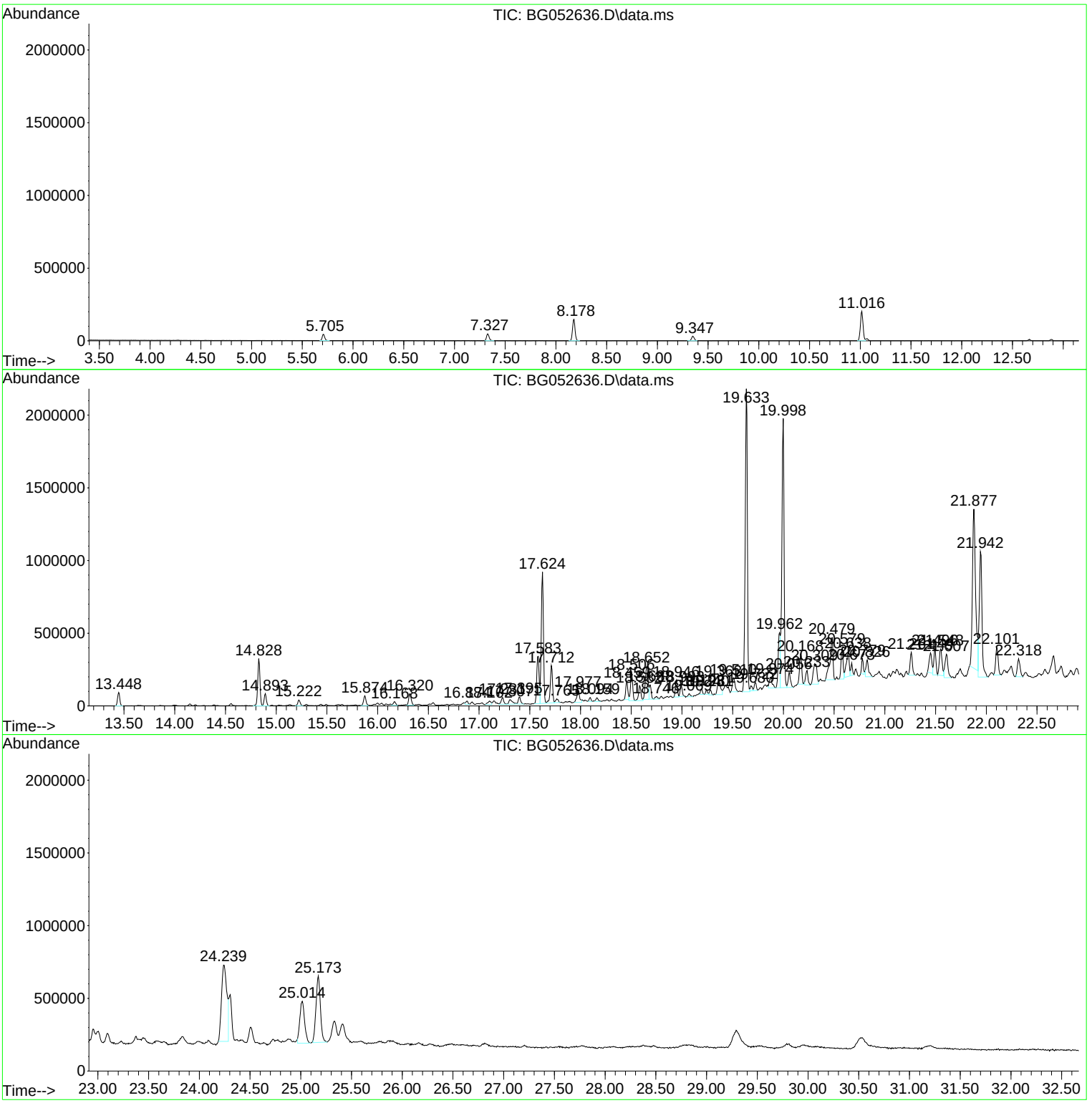
Sum of corrected areas: 26307098

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.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\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

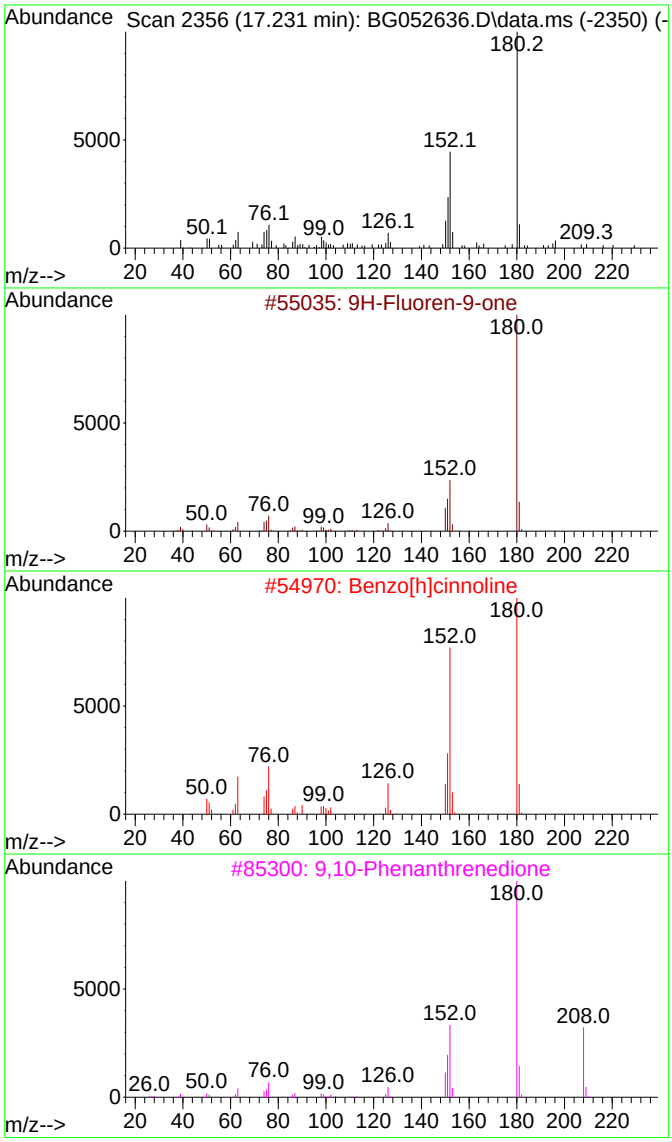
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

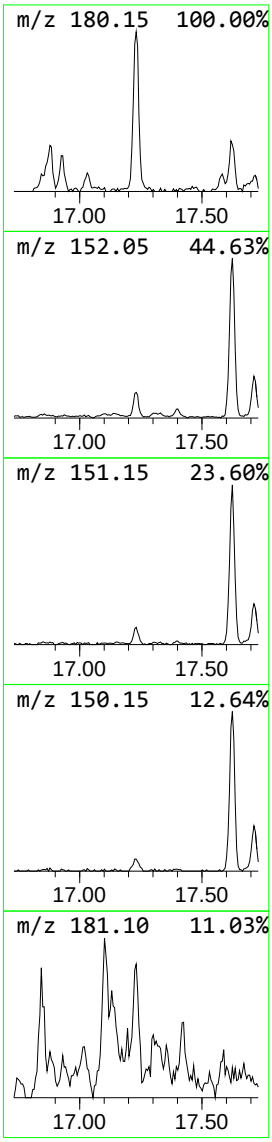
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.231	2.94 ng	81615	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	Diphenic anhydride	224	C14H8O3	006050-13-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

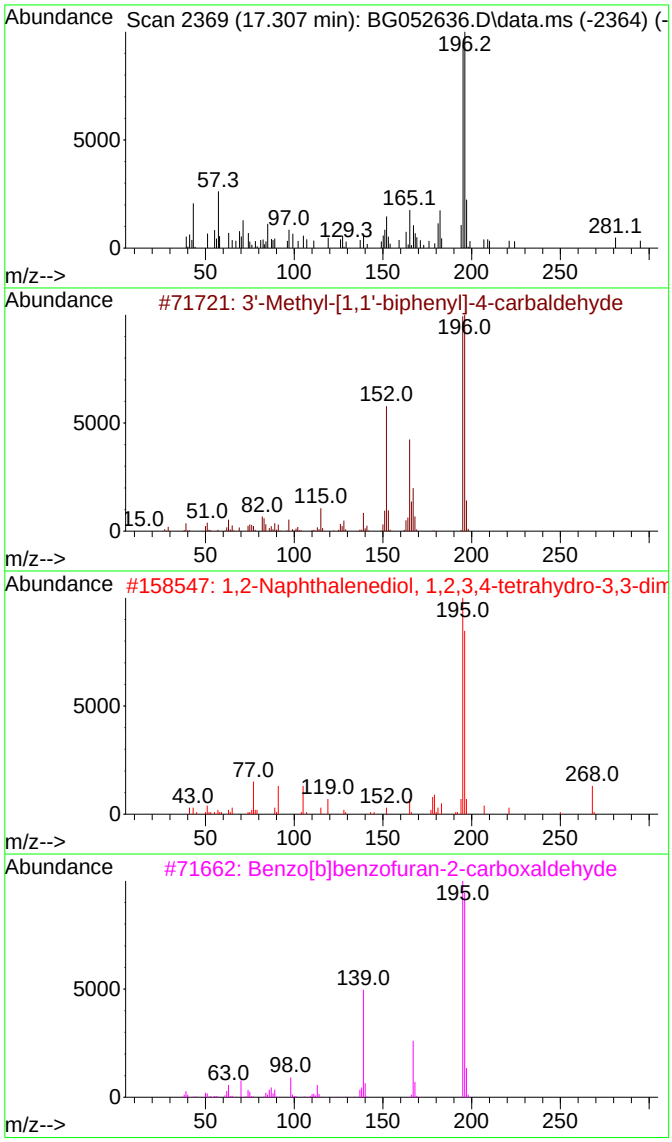
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

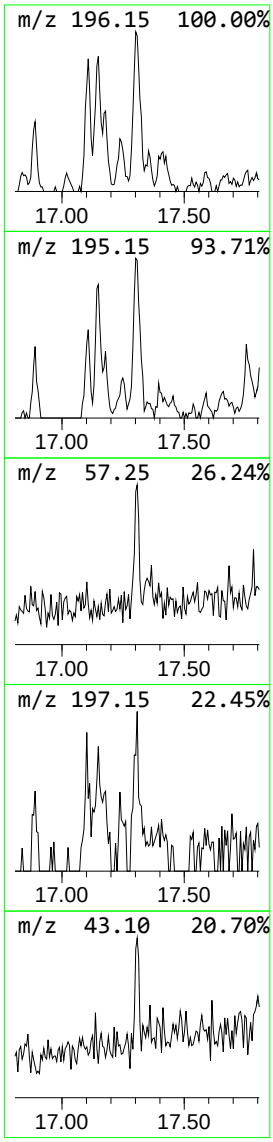
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.307	2.79 ng	77319	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	64
2	1,2-Naphthalenediol, 1,2,3,4-tet...	268	C18H20O2	056588-42-2	59
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
5	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

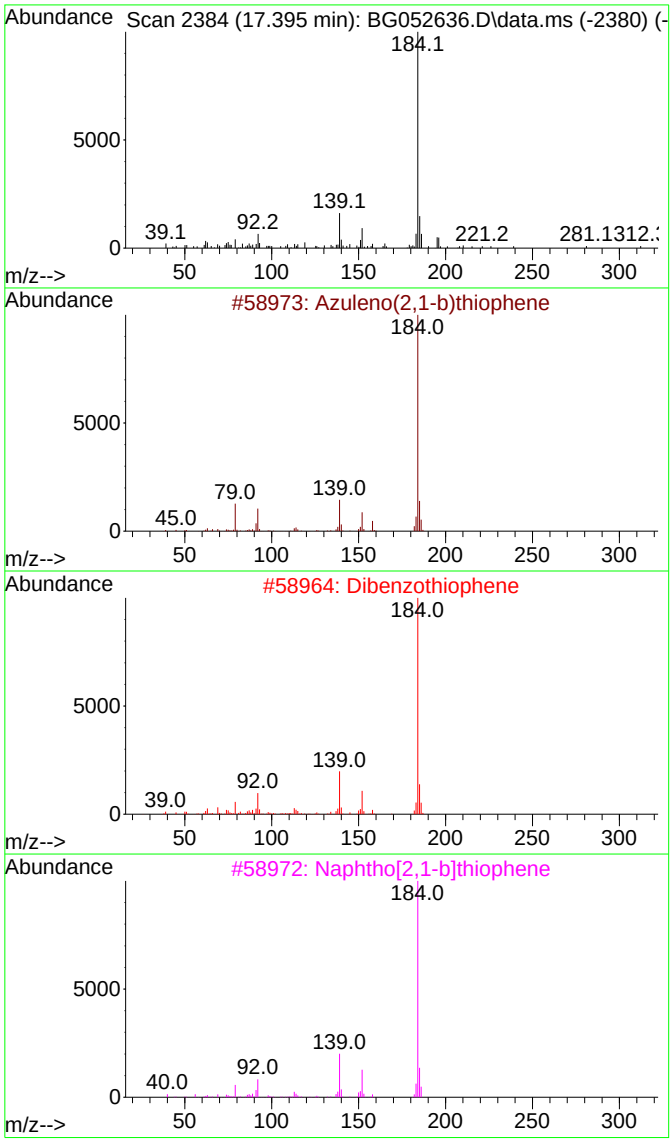
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

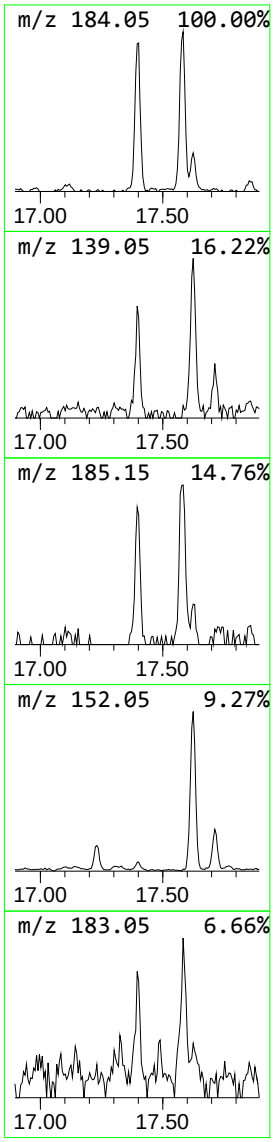
****

Peak Number 3 Azuleno(2,1-b)thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.395	2.83 ng	78441	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

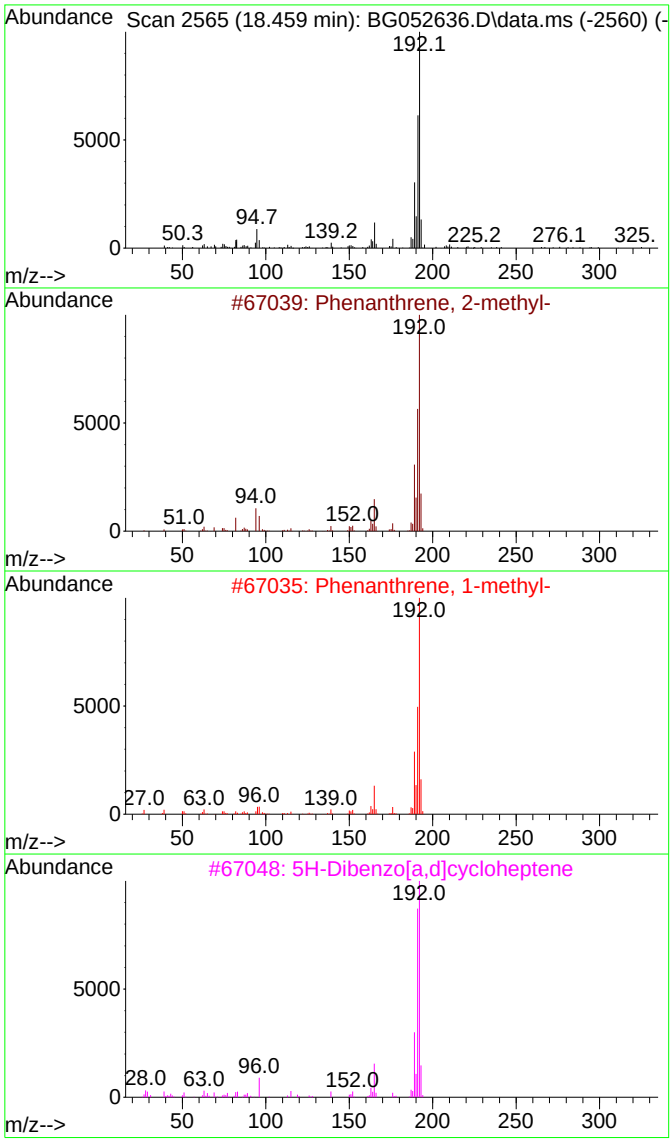
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

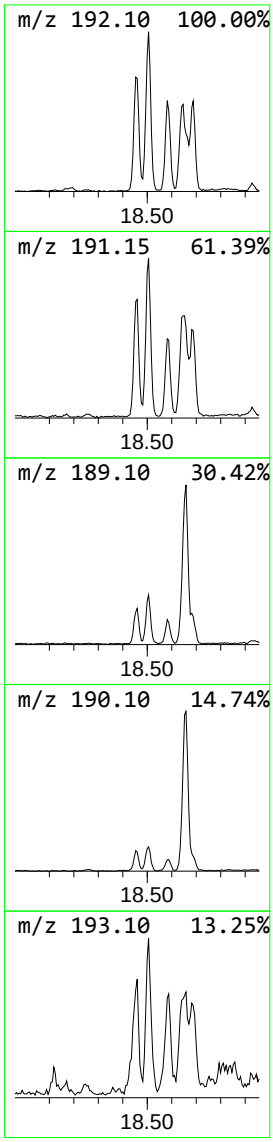
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.459	6.51 ng	180547	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

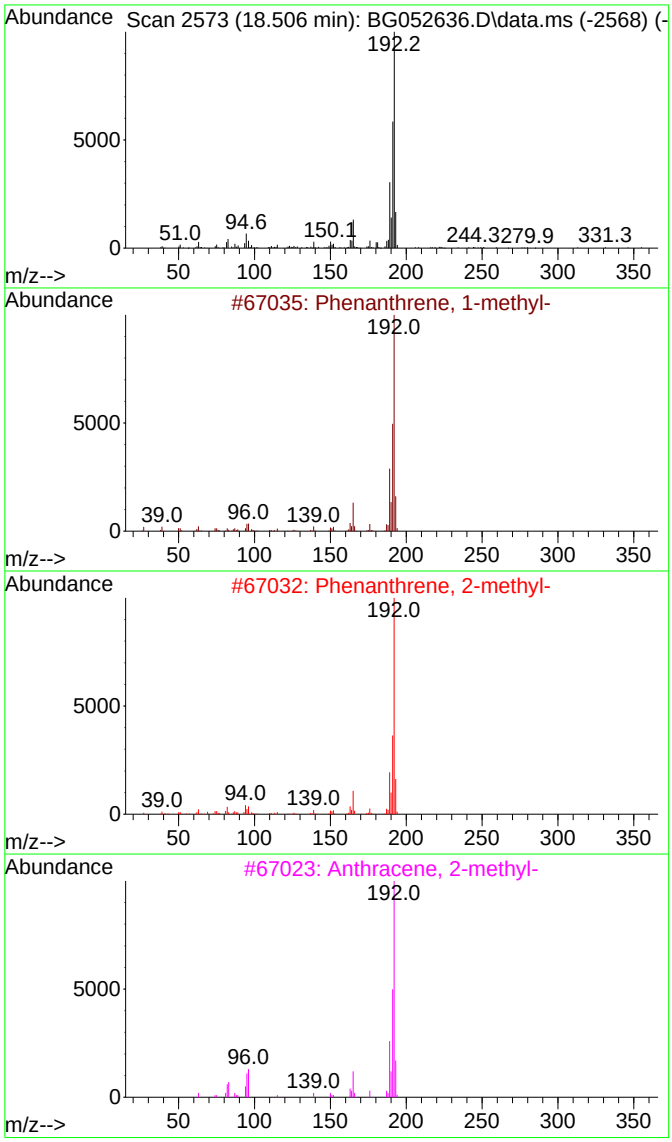
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

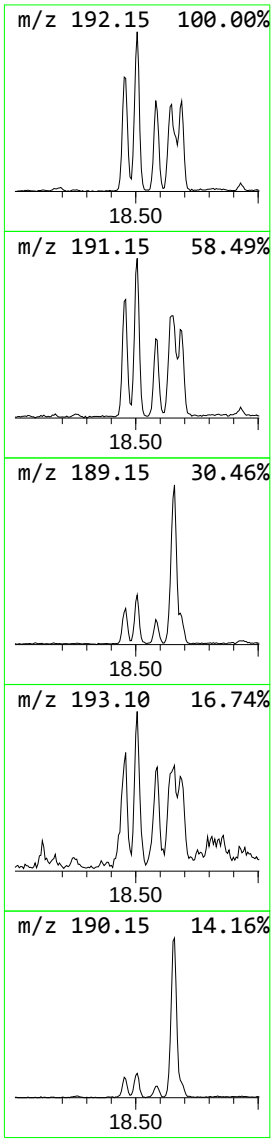
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.506	10.18 ng	282352	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

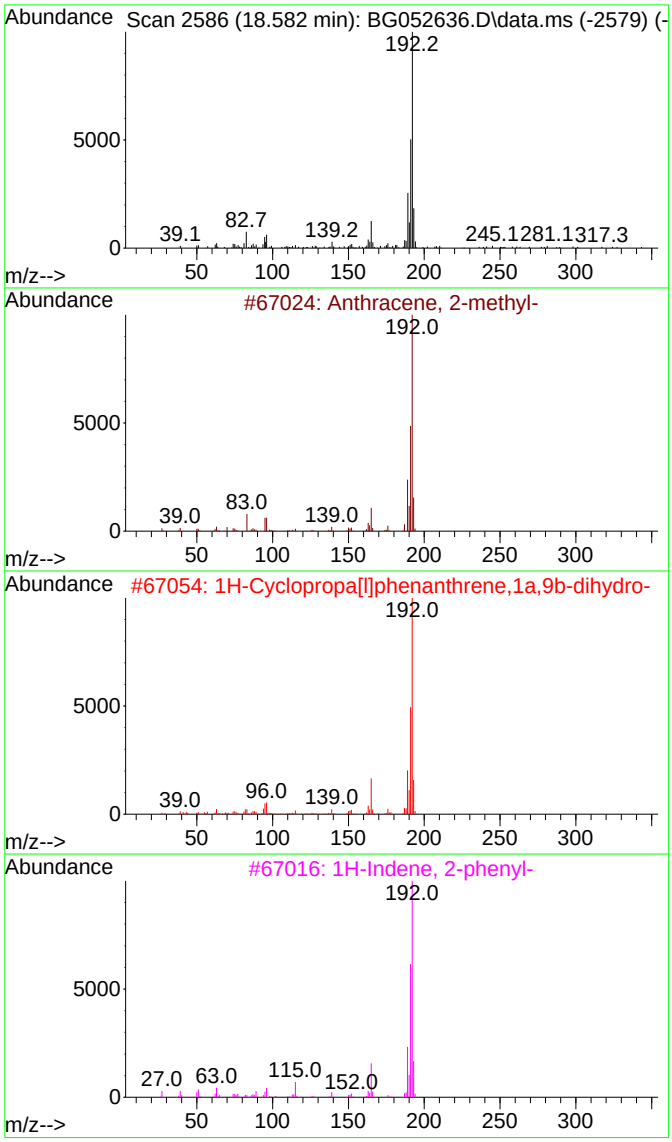
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

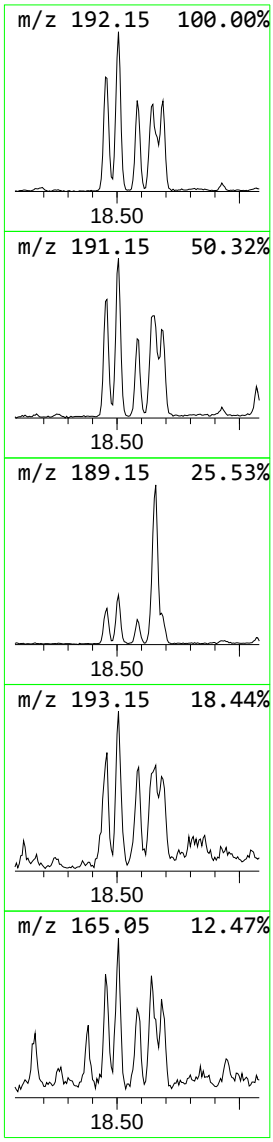
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.582	6.23 ng	172787	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

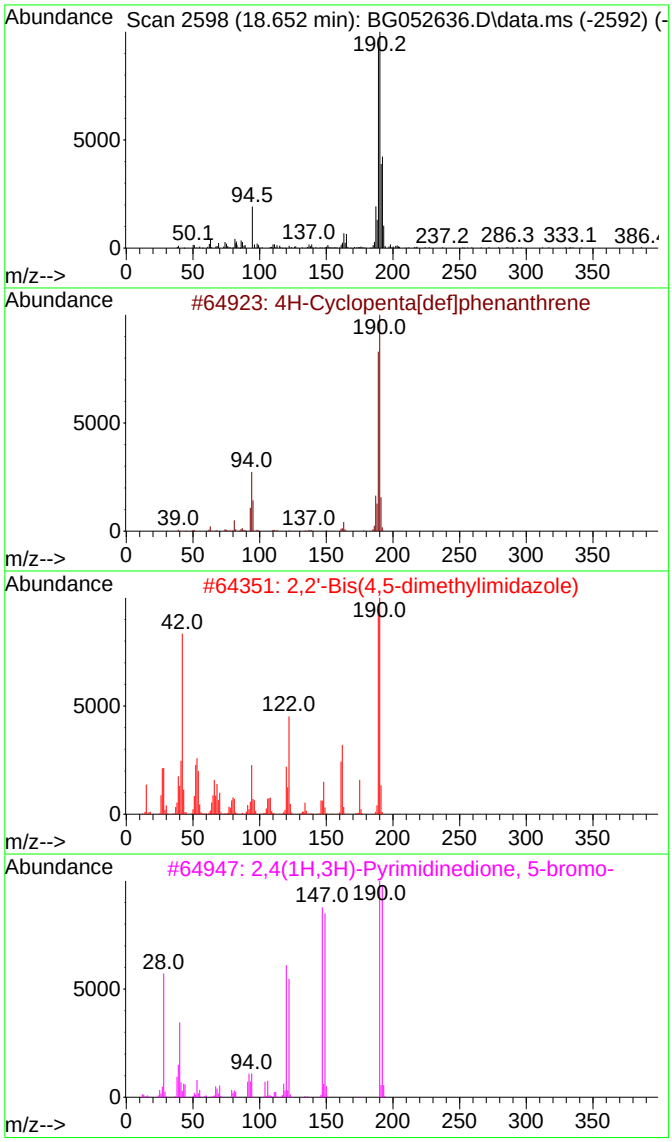
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

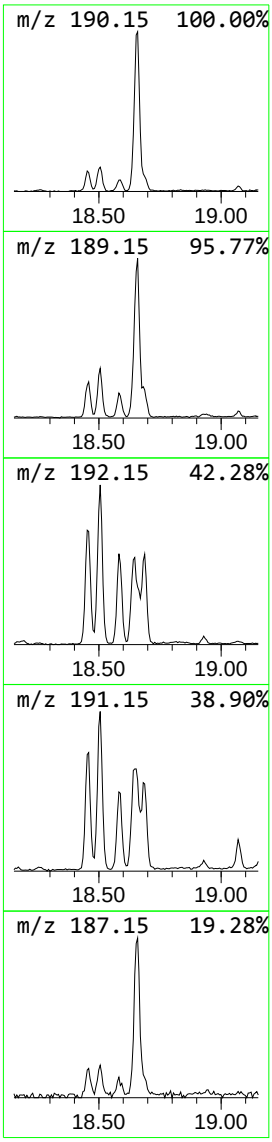
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.652	16.46 ng	456843	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

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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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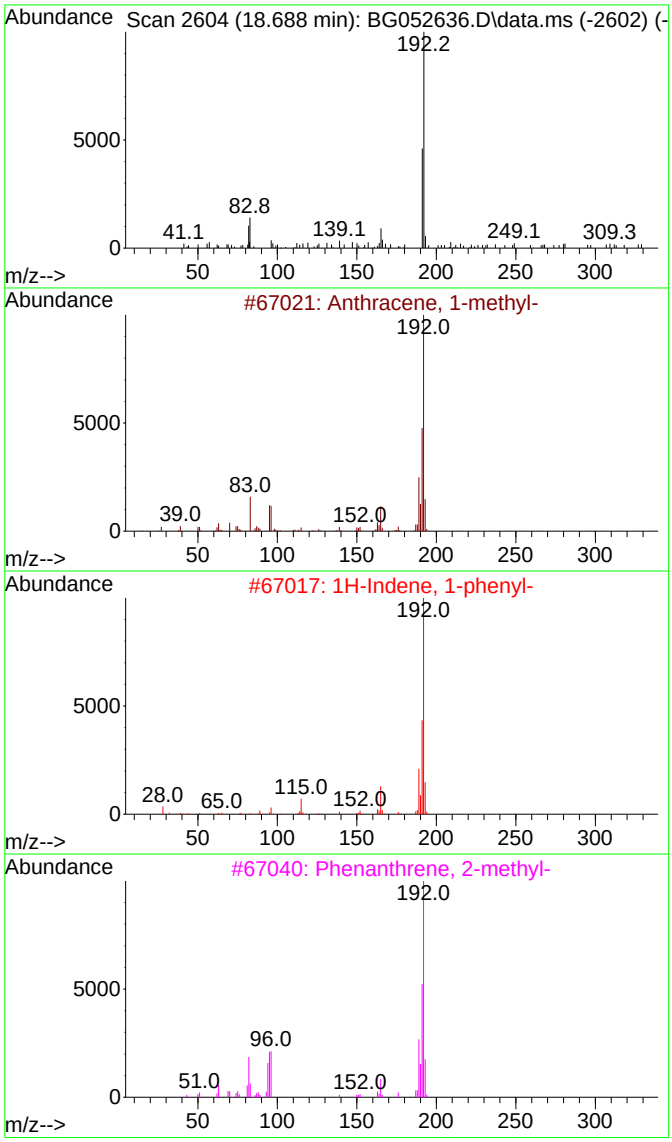
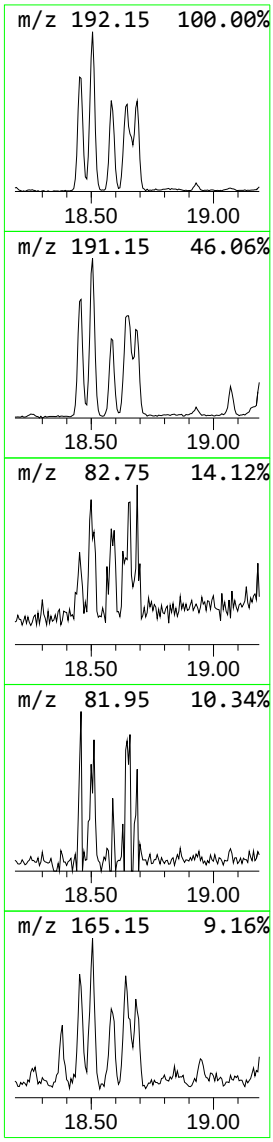
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.688	4.06 ng	112545	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CG-B3-030722-2-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

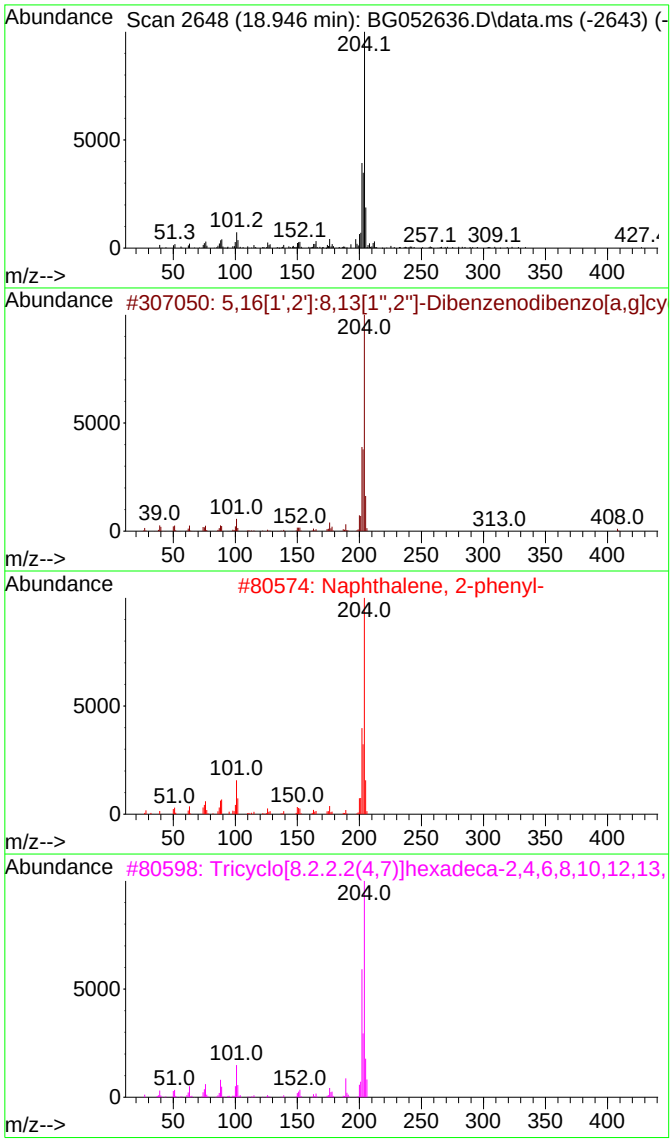
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

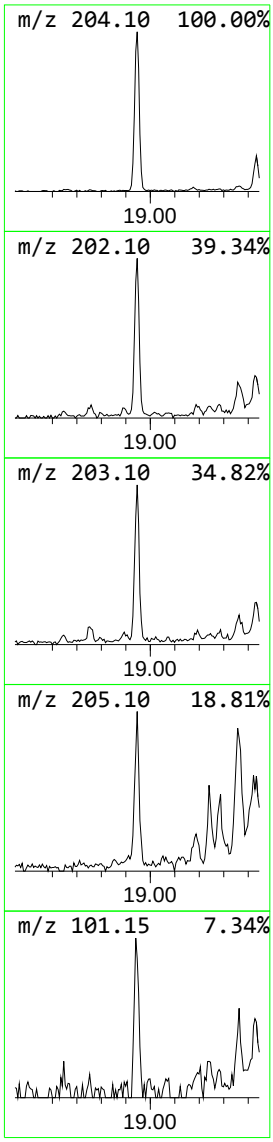
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.946	5.82 ng	161471	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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Misc :
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ClientSampleId :
CG-B3-030722-2-5

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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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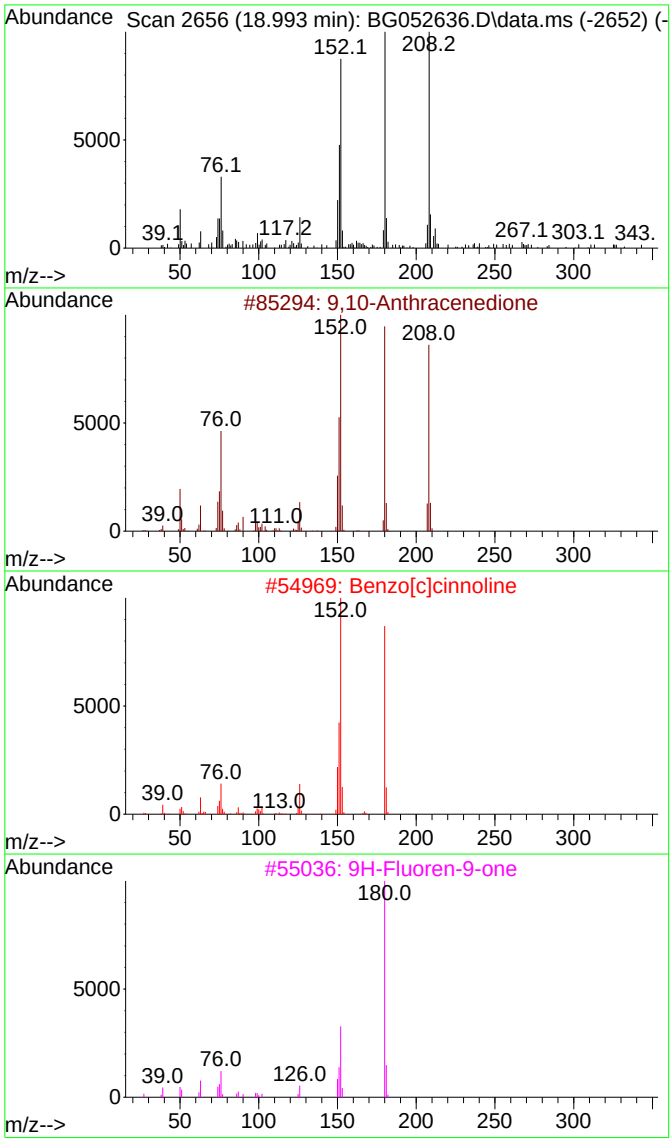
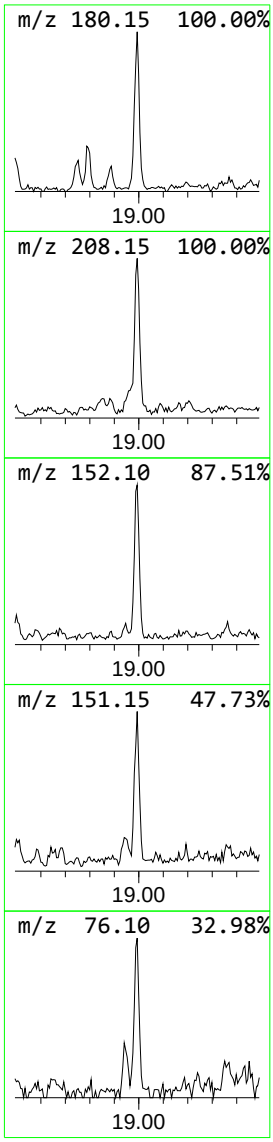
Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.993	3.89 ng	107840	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49





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Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CG-B3-030722-2-5

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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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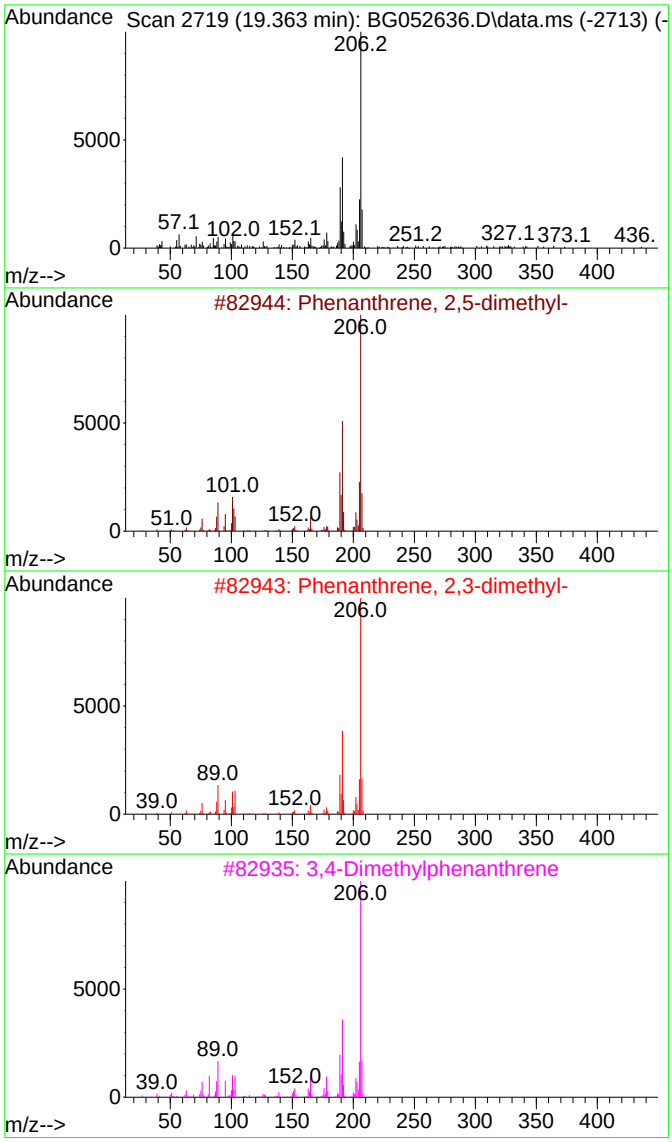
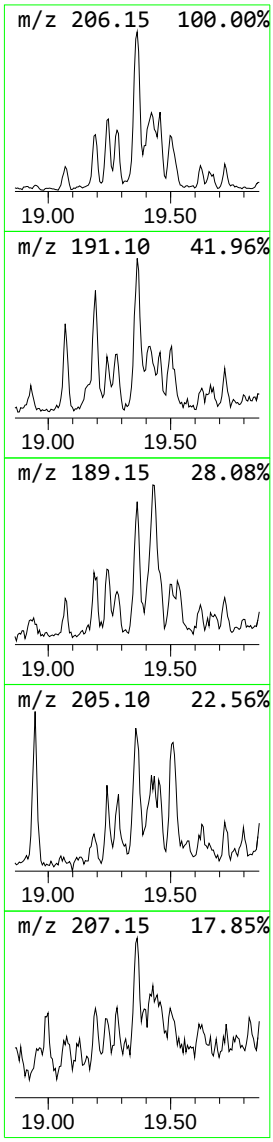
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	7.92 ng	219746	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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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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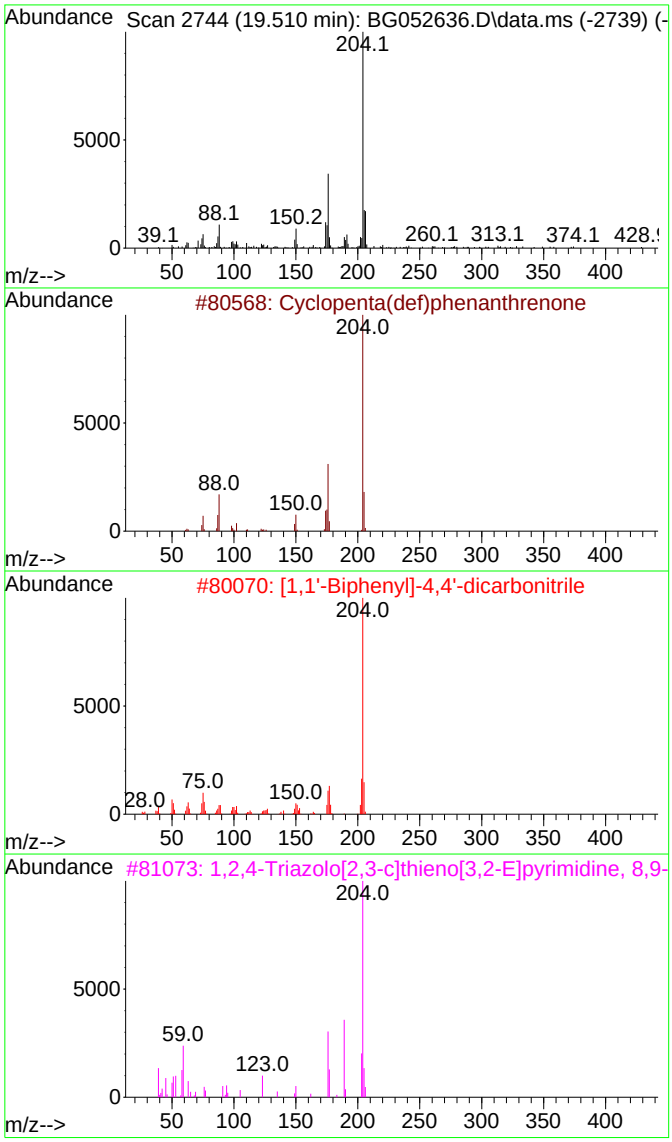
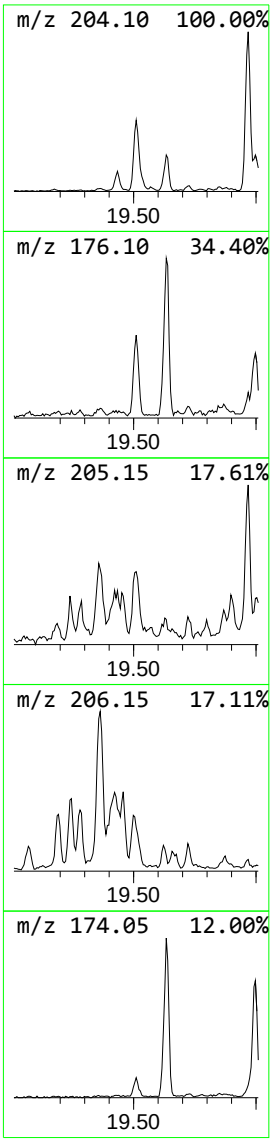
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	6.25 ng	173374	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	59
4	9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	50
5	L-Homophenylalanine, N-(3-methyl...	319	C20H33NO2	1000453-76-1	47





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Misc :
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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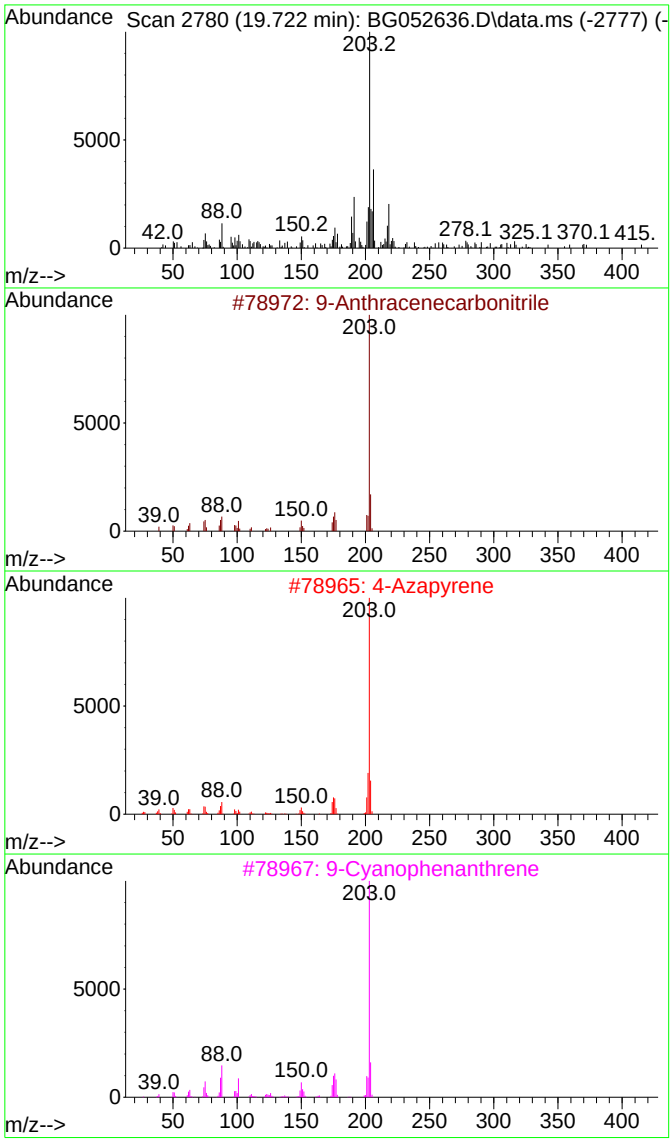
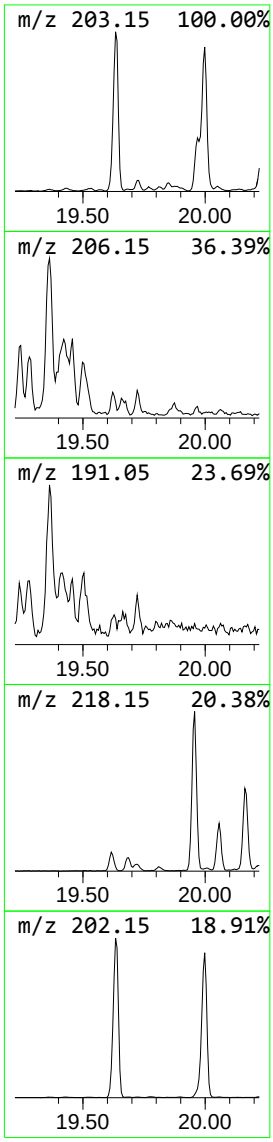
Peak Number 13 9-Anthracenecarbonitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.721	2.68 ng	74434	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	55
2	4-Azapyrene	203	C15H9N	000194-03-6	55
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	55
4	Silane, methylvinyl(4-methylcycl...	314	C15H30O3Si2	1000421-12-0	50
5	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	49





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Sample : N1847-04 10X
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

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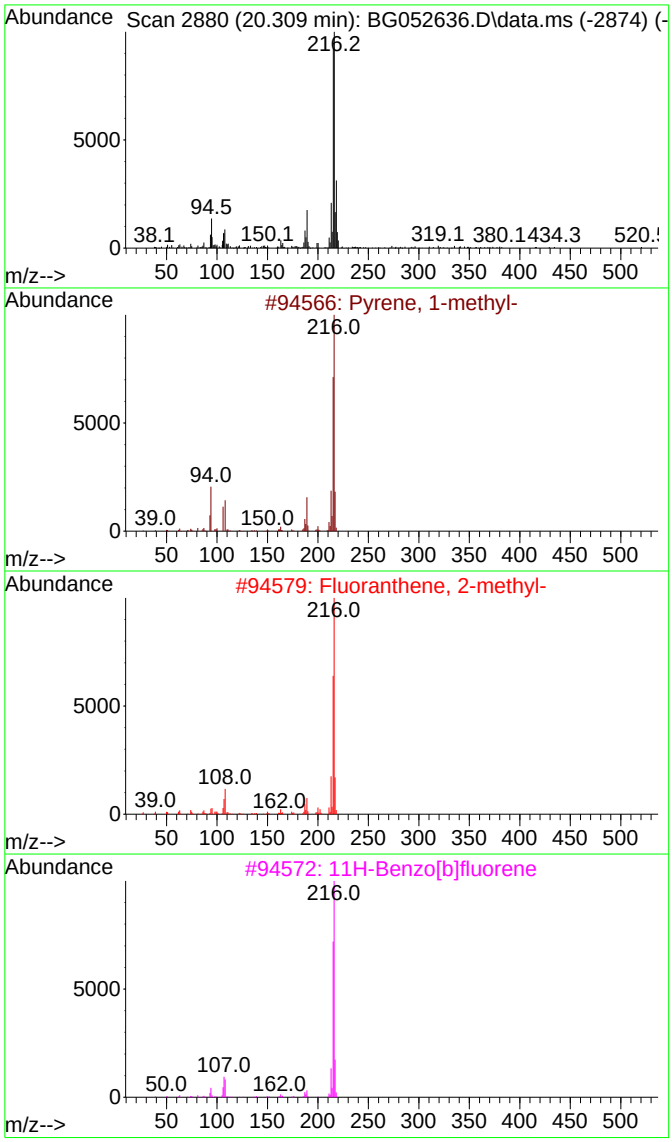
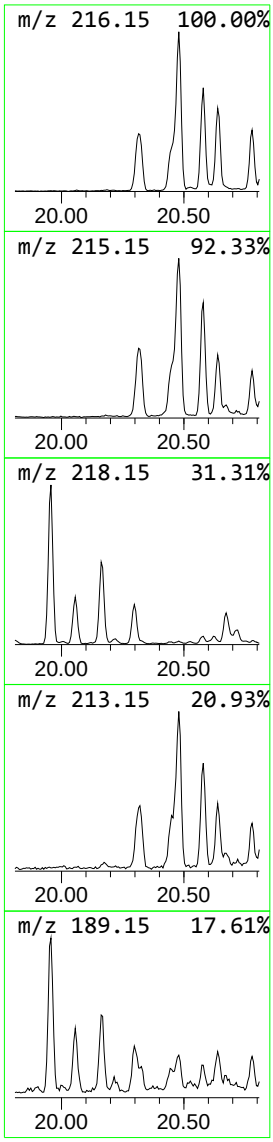
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.309	2.97 ng	356955	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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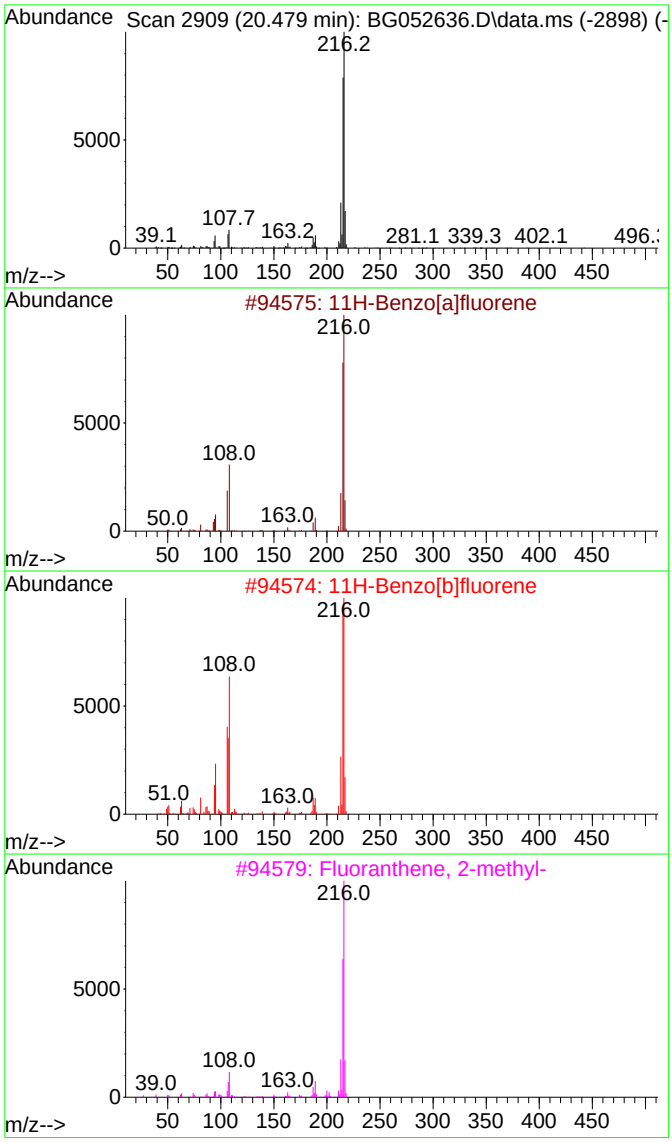
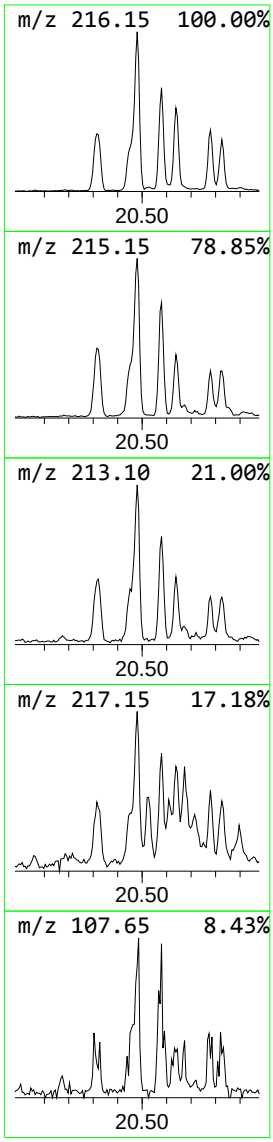
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.479	4.94 ng	593887	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Instrument :
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ClientSampleId :
CG-B3-030722-2-5

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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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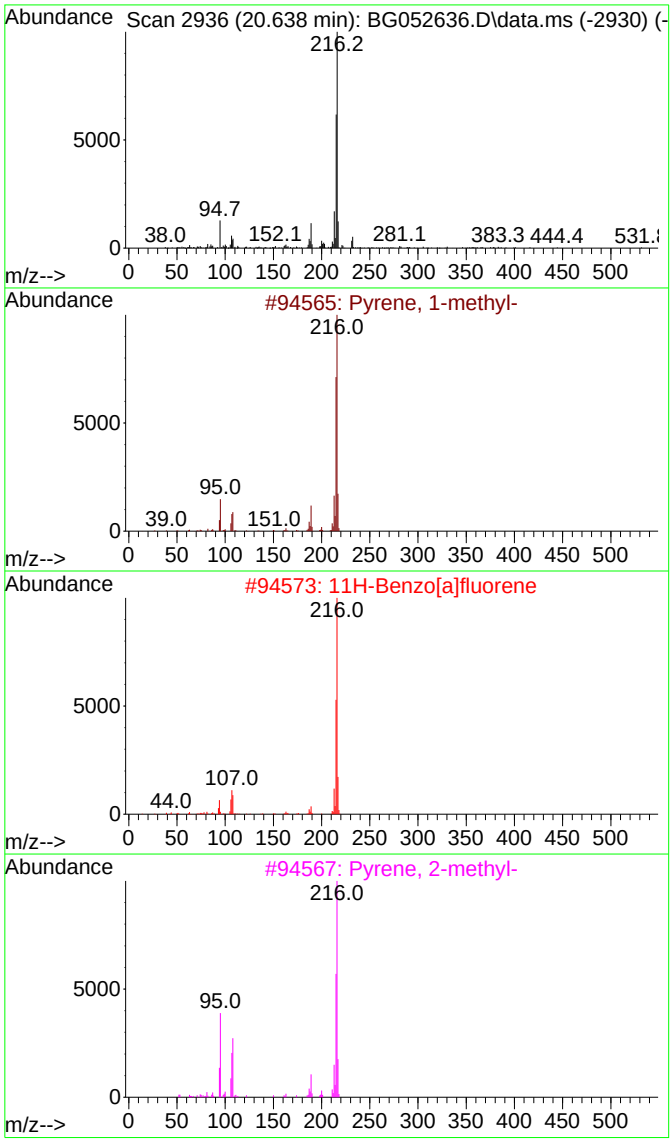
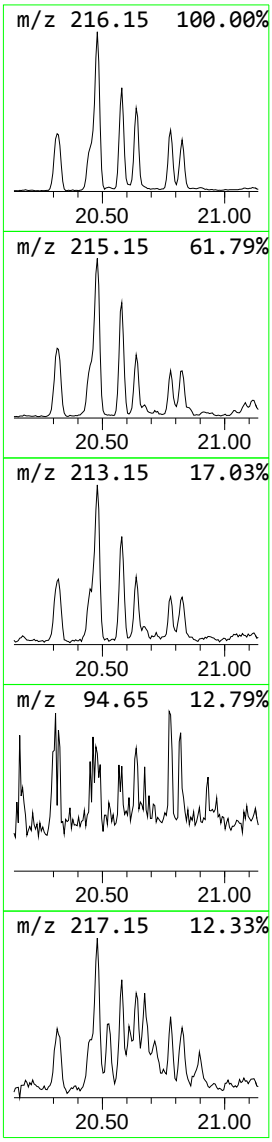
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.638	2.73 ng	328143	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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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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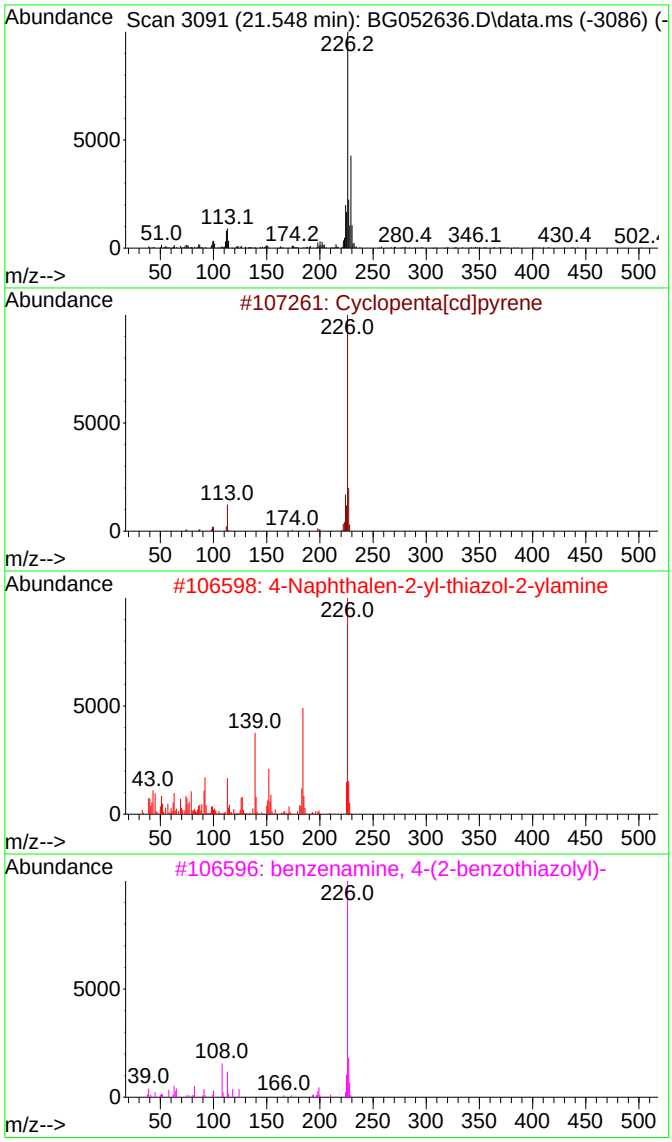
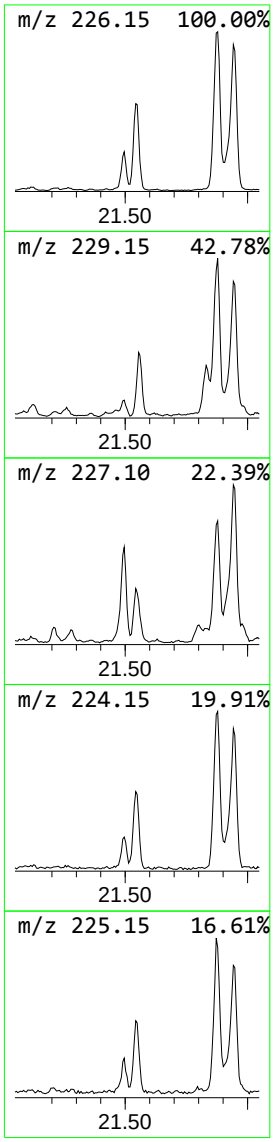
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.549	2.82 ng	339243	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	47
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43





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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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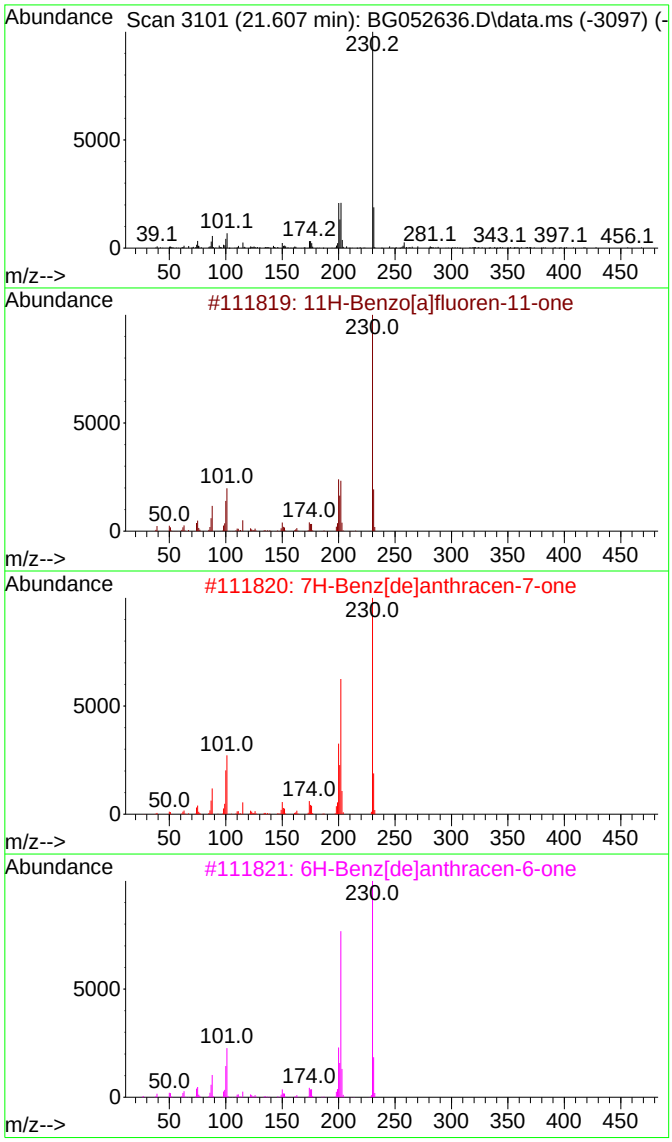
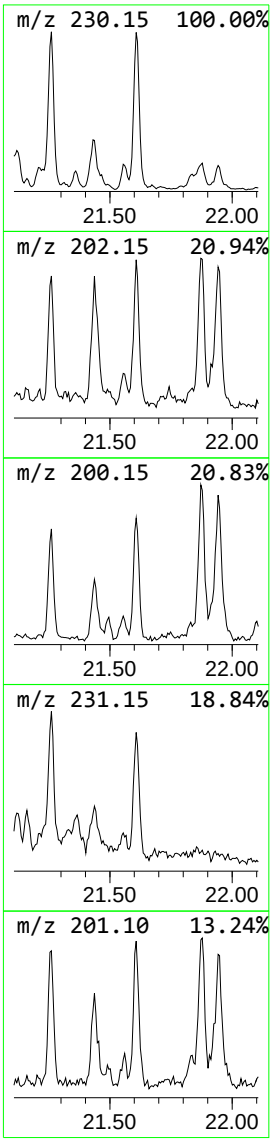
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.607	2.57 ng	308685	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
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	59
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	o-Terphenyl	230	C18H14	000084-15-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

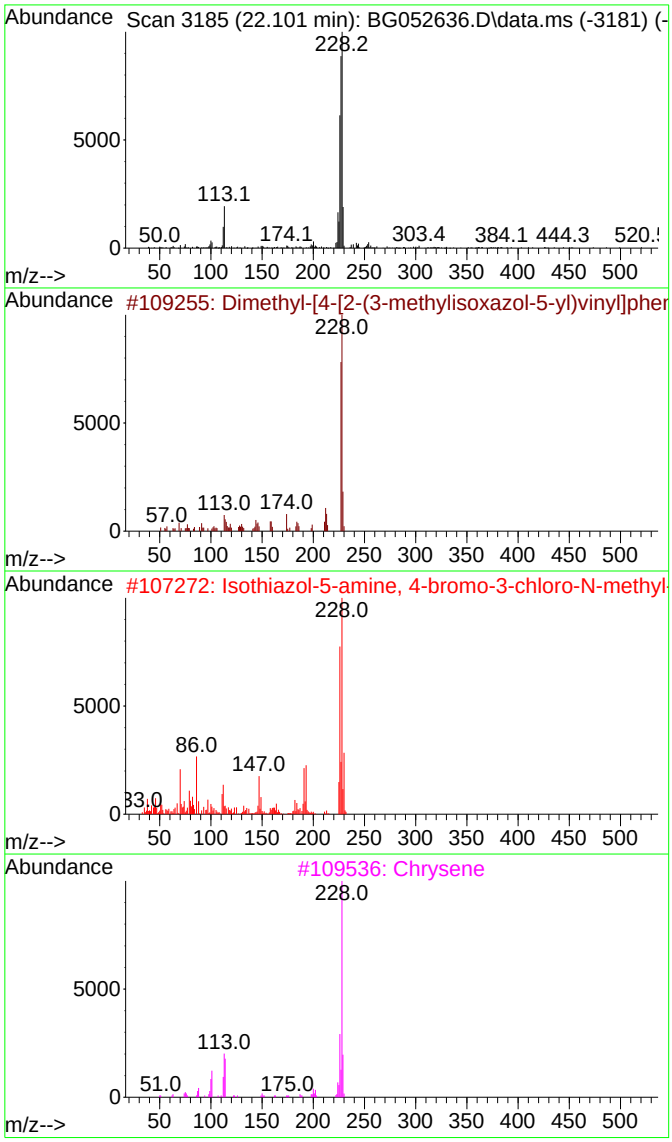
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

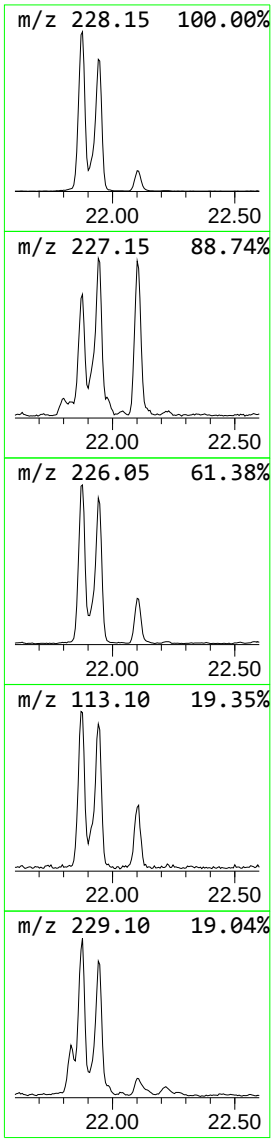
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dimethyl-[4-[2-(3-methyliso... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.101	2.70 ng	325036	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
3	Chrysene	228	C18H12	000218-01-9	38
4	Triphenylene	228	C18H12	000217-59-4	37
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

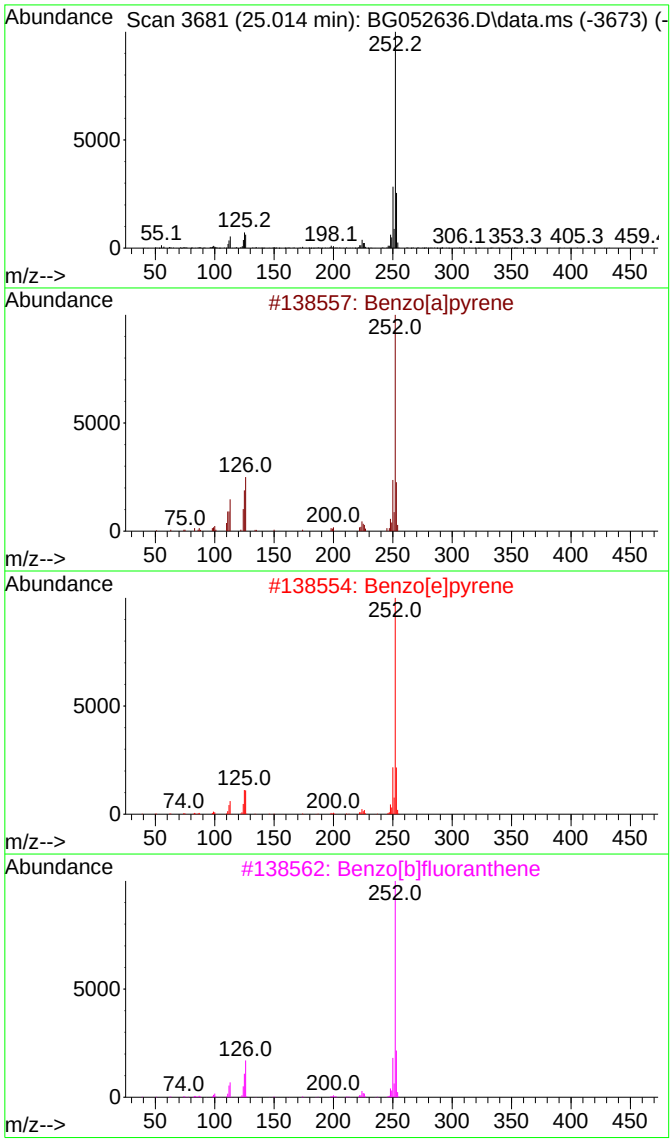
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

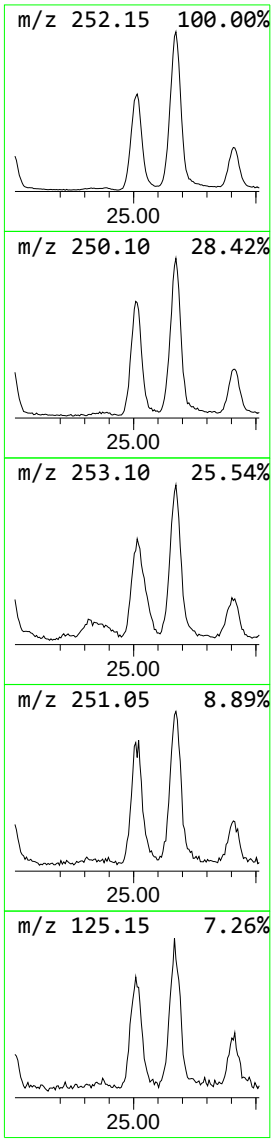
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.014	13.76 ng	944471	Perylene-d12	25.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031022\
Data File : BG052636.D
Acq On : 10 Mar 2022 16:20
Operator : CG/JU
Sample : N1847-04 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CG-B3-030722-2-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.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
9H-Fluoren-9-one	17.231	2.9	ng	81615	4	17.577	554933	20.0
3'-Methyl-[1,1'...	17.307	2.8	ng	77319	4	17.577	554933	20.0
Azuleno(2,1-b)t...	17.395	2.8	ng	78441	4	17.577	554933	20.0
Phenanthrene, 2...	18.459	6.5	ng	180547	4	17.577	554933	20.0
Phenanthrene, 1...	18.506	10.2	ng	282352	4	17.577	554933	20.0
Anthracene, 2-m...	18.582	6.2	ng	172787	4	17.577	554933	20.0
4H-Cyclopenta[d...	18.652	16.5	ng	456843	4	17.577	554933	20.0
Anthracene, 1-m...	18.688	4.1	ng	112545	4	17.577	554933	20.0
5,16[1',2']:8,1...	18.946	5.8	ng	161471	4	17.577	554933	20.0
9,10-Anthracene...	18.993	3.9	ng	107840	4	17.577	554933	20.0
Phenanthrene, 2...	19.363	7.9	ng	219746	4	17.577	554933	20.0
Cyclopenta(def)...	19.510	6.3	ng	173374	4	17.577	554933	20.0
9-Anthracenecar...	19.721	2.7	ng	74434	4	17.577	554933	20.0
Pyrene, 1-methyl-	20.309	3.0	ng	356955	5	21.895	2405070	20.0
11H-Benzo[a]flu...	20.479	4.9	ng	593887	5	21.895	2405070	20.0
Pyrene, 2-methyl-	20.638	2.7	ng	328143	5	21.895	2405070	20.0
Cyclopenta[cd]p...	21.549	2.8	ng	339243	5	21.895	2405070	20.0
11H-Benzo[a]flu...	21.607	2.6	ng	308685	5	21.895	2405070	20.0
Dimethyl-[4-[2-...	22.101	2.7	ng	325036	5	21.895	2405070	20.0
Benzo[e]pyrene	25.014	13.8	ng	944471	6	25.332	1373270	20.0