

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053066.D
 Acq On : 6 Apr 2022 22:20
 Operator : CG/JU
 Sample : N2237-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A01040

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-BG031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053066.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.693	386	392	403	rVB	119983	197998	18.29%	1.865%
2	7.285	655	663	677	rVB2	130062	236877	21.89%	2.231%
3	8.130	800	807	813	rVB	160256	274317	25.35%	2.583%
4	9.288	997	1004	1012	rBV	88548	162170	14.98%	1.527%
5	10.938	1275	1285	1292	rBV	211217	399164	36.88%	3.759%
6	13.370	1693	1699	1706	rVB	226290	348009	32.16%	3.277%
7	14.069	1813	1818	1823	rBV3	6529	11499	1.06%	0.108%
8	14.475	1880	1887	1893	rBV3	12818	25688	2.37%	0.242%
9	14.751	1924	1934	1940	rBV	350864	560007	51.74%	5.274%
10	14.810	1940	1944	1953	rVB2	18299	28746	2.66%	0.271%
11	15.144	1995	2001	2009	rBV	16945	27247	2.52%	0.257%
12	15.791	2106	2111	2119	rBV2	30844	50212	4.64%	0.473%
13	16.084	2158	2161	2166	rVB3	9303	14403	1.33%	0.136%
14	16.231	2180	2186	2194	rVB	169653	265665	24.55%	2.502%
15	16.801	2278	2283	2288	rVB5	12286	19055	1.76%	0.179%
16	17.018	2314	2320	2324	rBV4	10085	18146	1.68%	0.171%
17	17.142	2336	2341	2347	rBV2	15178	28298	2.61%	0.266%
18	17.242	2354	2358	2364	rVV9	18308	35755	3.30%	0.337%
19	17.306	2364	2369	2374	rVB	16653	28854	2.67%	0.272%
20	17.494	2394	2401	2404	rBV	396705	622466	57.51%	5.862%
21	17.535	2404	2408	2414	rVV	373104	549563	50.78%	5.175%
22	17.623	2418	2423	2428	rVV2	77186	115584	10.68%	1.088%
23	17.676	2428	2432	2438	rVV7	9035	14315	1.32%	0.135%
24	17.888	2462	2468	2475	rBV	34623	63862	5.90%	0.601%
25	18.005	2485	2488	2493	rVB3	10828	13067	1.21%	0.123%
26	18.064	2496	2498	2504	rBV4	7253	13145	1.21%	0.124%
27	18.370	2545	2550	2553	rBV	66599	103165	9.53%	0.972%
28	18.416	2553	2558	2566	rVB2	86958	133208	12.31%	1.254%
29	18.499	2567	2572	2577	rVB	25825	45759	4.23%	0.431%
30	18.563	2577	2583	2587	rBV2	87336	174700	16.14%	1.645%
31	18.669	2596	2601	2603	rBV6	14652	21775	2.01%	0.205%
32	18.863	2629	2634	2637	rBV	46198	63728	5.89%	0.600%
33	18.898	2637	2640	2647	rVB2	35220	48508	4.48%	0.457%
34	19.157	2681	2684	2688	rBV2	13345	17993	1.66%	0.169%
35	19.186	2688	2689	2695	rVB5	13415	16240	1.50%	0.153%
36	19.274	2699	2704	2710	rBV4	38172	79860	7.38%	0.752%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053066.D
 Acq On : 6 Apr 2022 22:20
 Operator : CG/JU
 Sample : N2237-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A01040

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-BG031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.415	2724	2728	2736	rVB2	31051	56000	5.17%	0.527%
38	19.539	2744	2749	2756	rVB	658795	954344	88.18%	8.987%
39	19.597	2756	2759	2761	rBV4	16203	18363	1.70%	0.173%
40	19.873	2800	2806	2807	rBV2	124701	192825	17.82%	1.816%
41	19.903	2807	2811	2818	rVV	538614	787435	72.76%	7.416%
42	19.967	2819	2822	2829	rVB2	33910	60985	5.63%	0.574%
43	20.091	2837	2843	2847	rBV2	297058	431193	39.84%	4.061%
44	20.226	2860	2866	2871	rBV2	49476	123405	11.40%	1.162%
45	20.390	2891	2894	2898	rVB	108879	137167	12.67%	1.292%
46	20.490	2907	2911	2914	rBV	73427	96656	8.93%	0.910%
47	21.160	3022	3025	3032	rVB	54772	88963	8.22%	0.838%
48	21.389	3061	3064	3069	rBV2	40116	61630	5.69%	0.580%
49	21.765	3122	3128	3135	rBV3	403888	1082282	100.00%	10.192%
50	21.824	3135	3138	3146	rVB	240606	403443	37.28%	3.799%
51	21.976	3162	3164	3170	rVB3	37449	65556	6.06%	0.617%
52	24.032	3509	3514	3522	rBV2	140965	429785	39.71%	4.047%
53	24.931	3662	3667	3679	rVB3	133100	346192	31.99%	3.260%
54	25.096	3688	3695	3703	rVB2	164730	453383	41.89%	4.270%

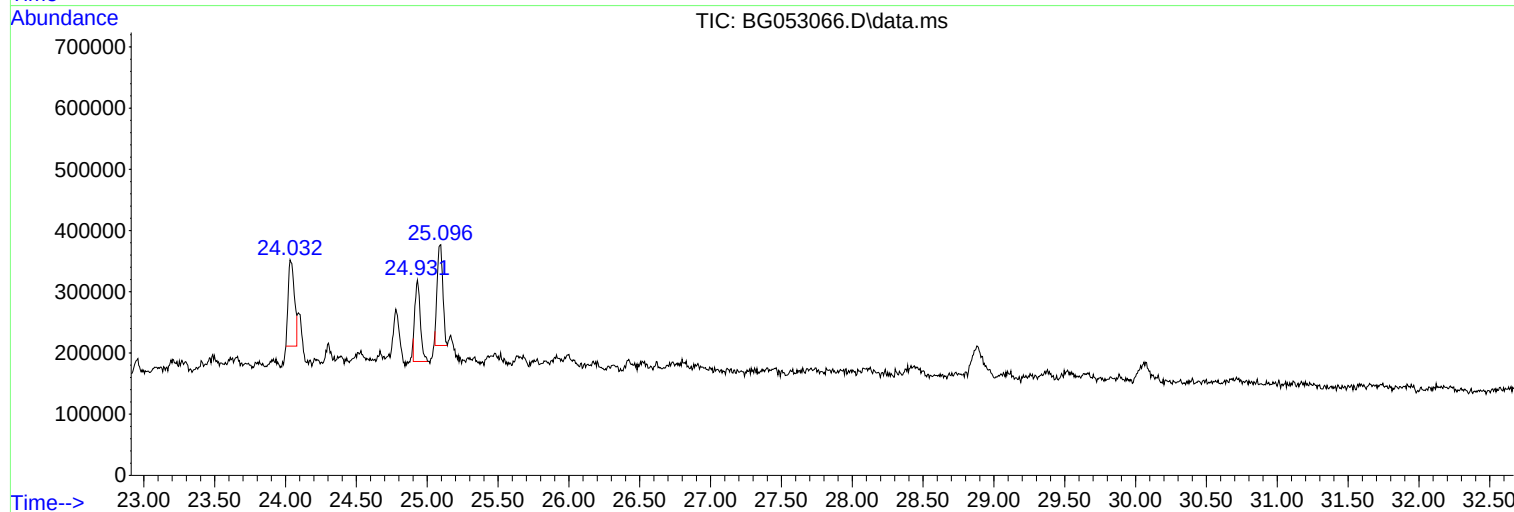
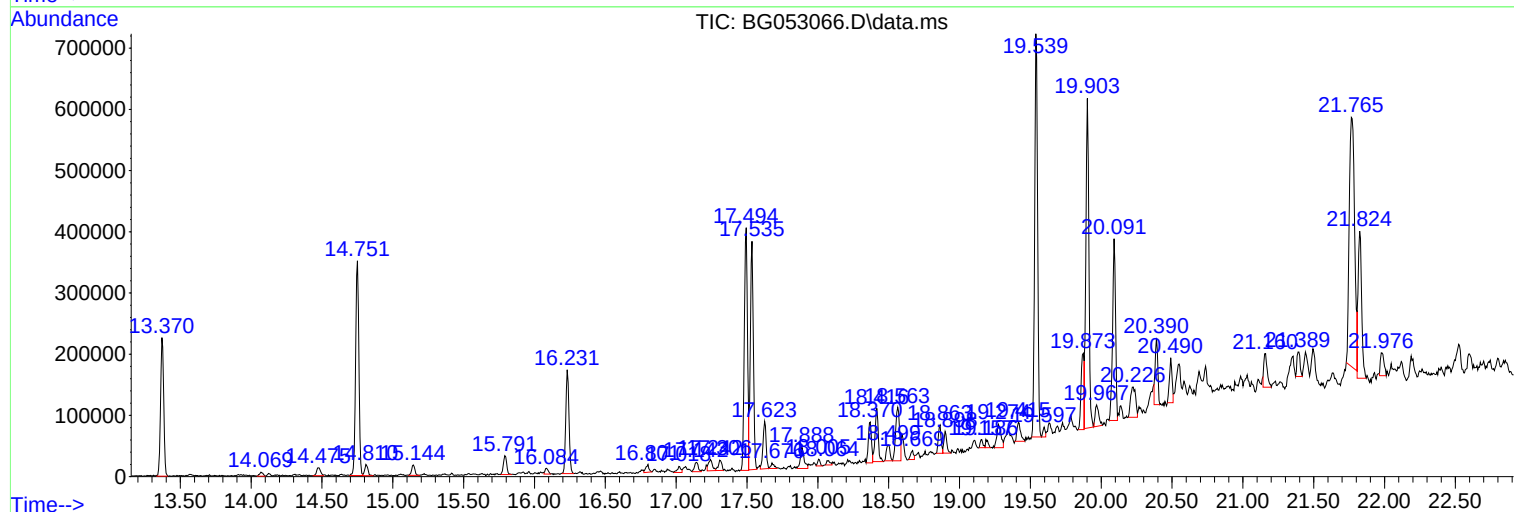
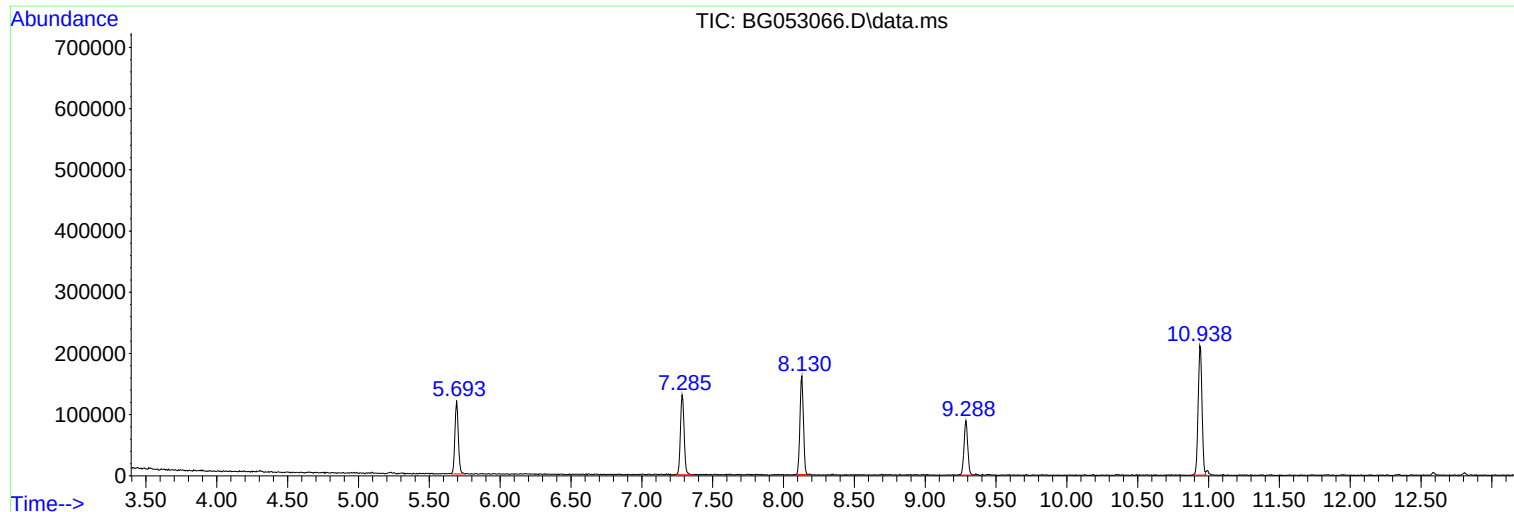
Sum of corrected areas: 10618655

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

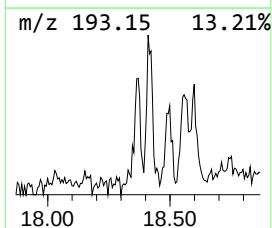
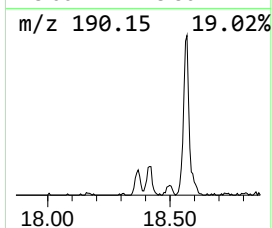
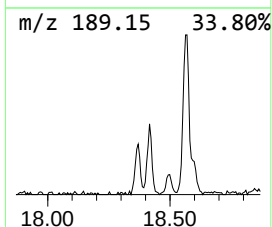
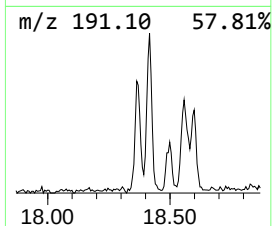
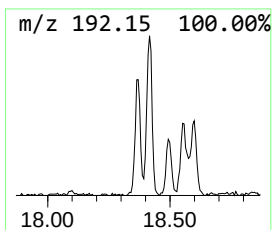
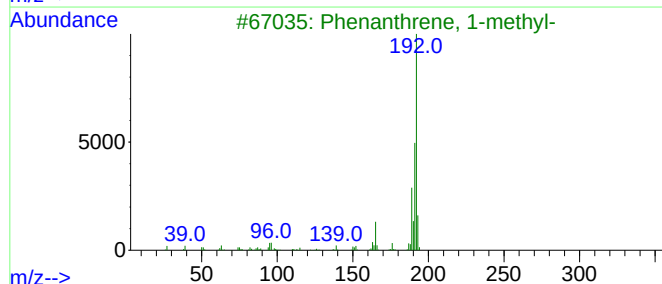
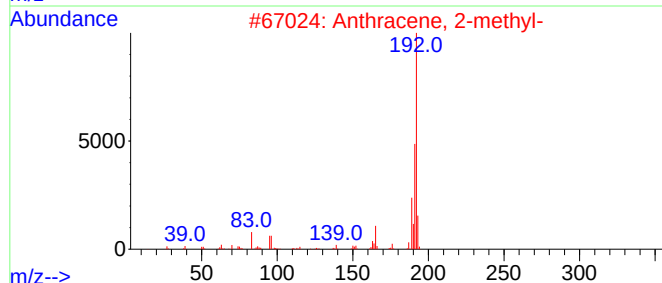
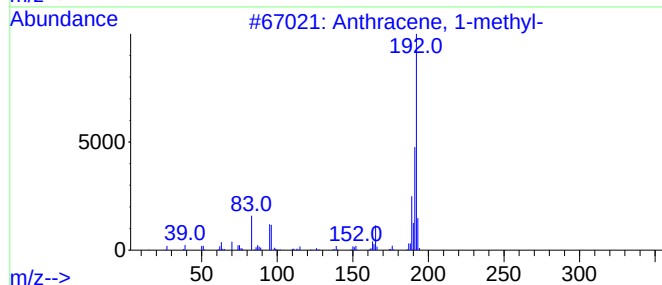
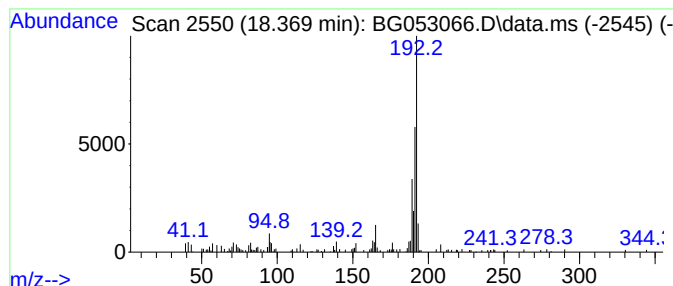
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.31 ng	103165	Phenanthrene-d10	17.494

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

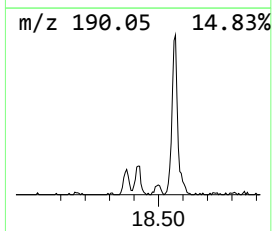
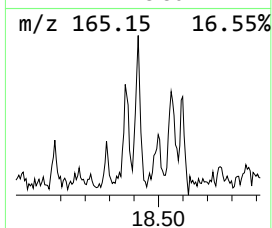
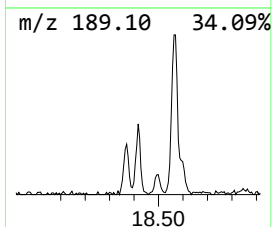
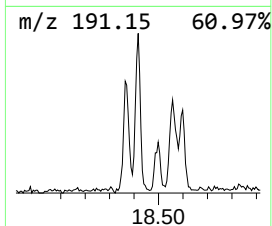
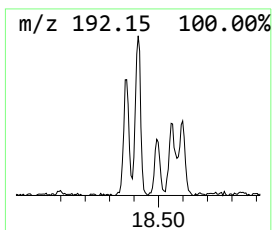
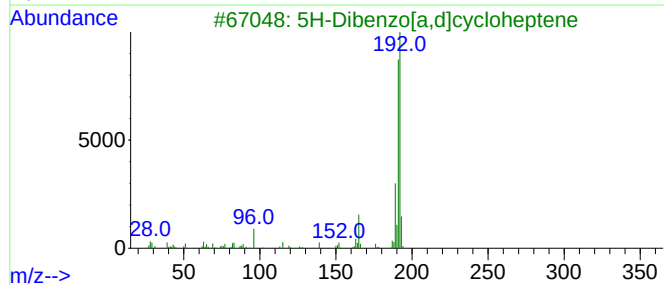
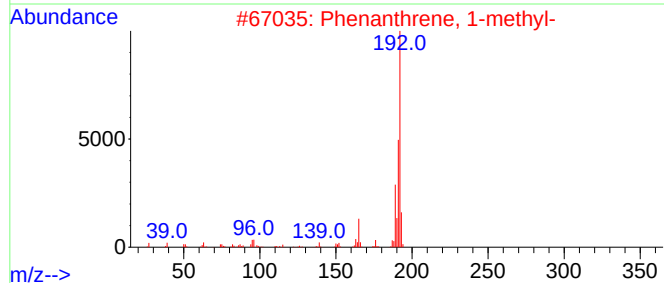
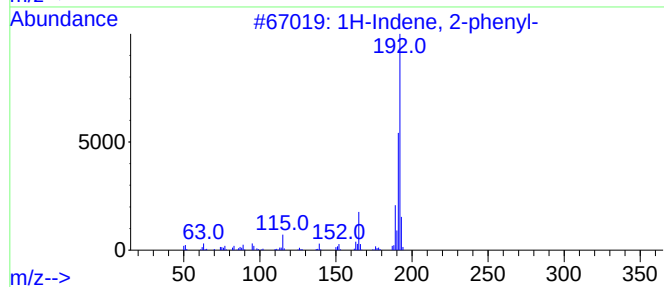
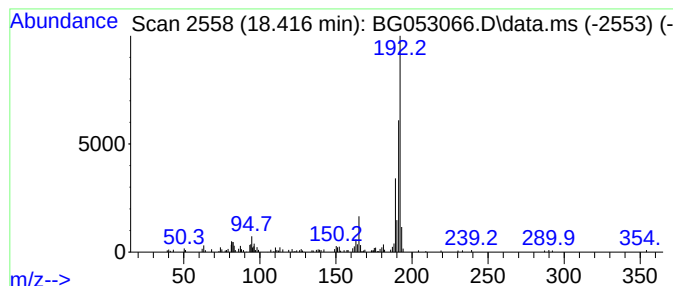
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	4.28 ng	133208	Phenanthrene-d10	17.494

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

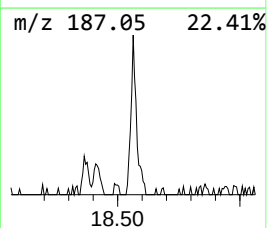
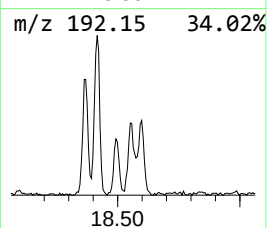
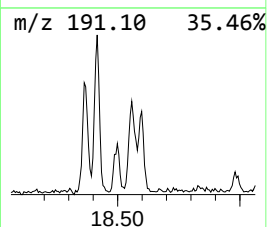
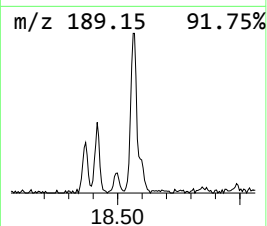
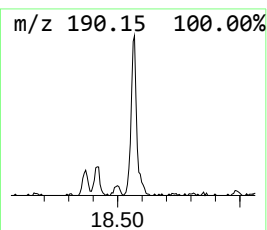
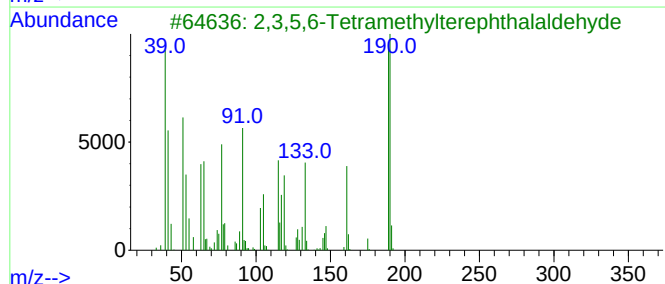
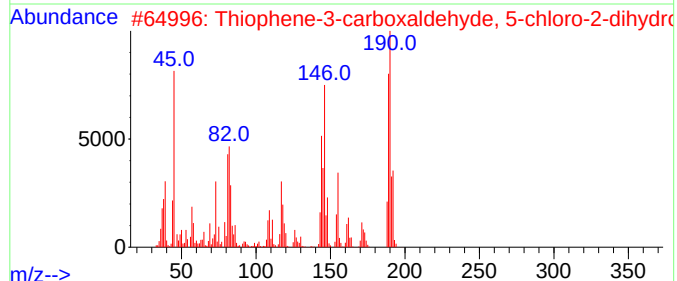
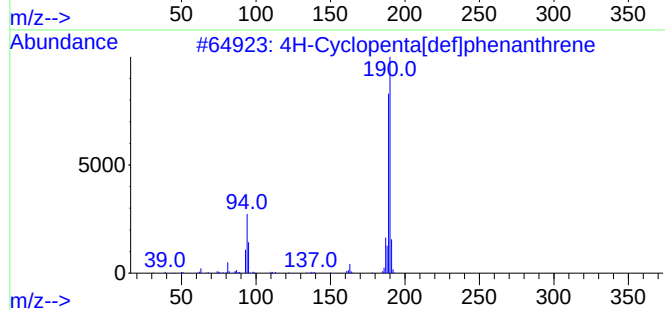
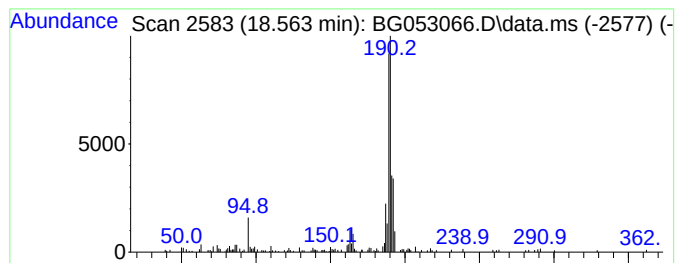
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	5.61 ng	174700	Phenanthrene-d10	17.494

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	52
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
5			Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

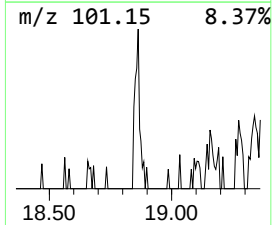
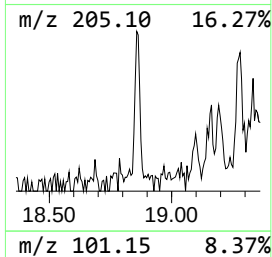
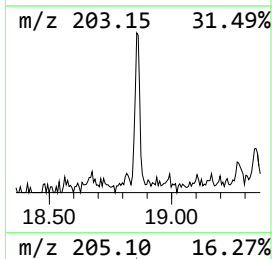
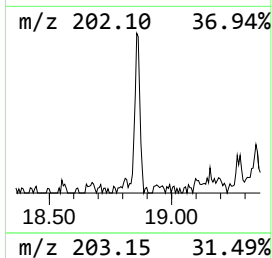
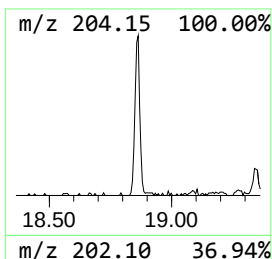
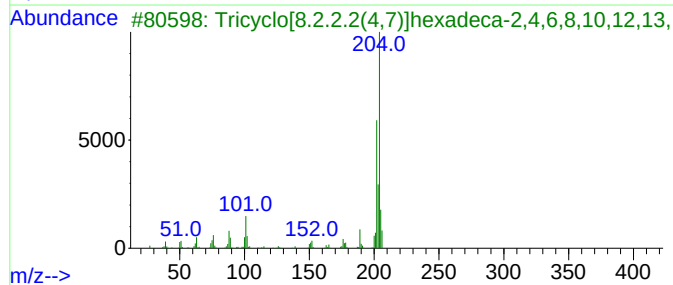
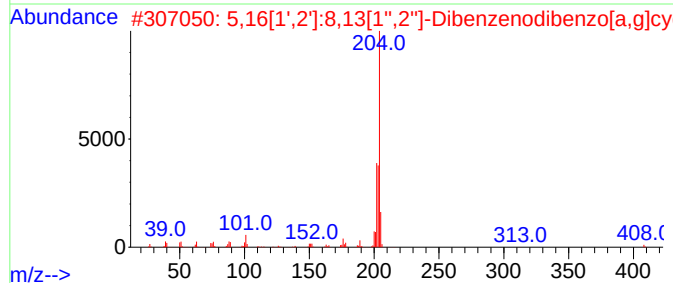
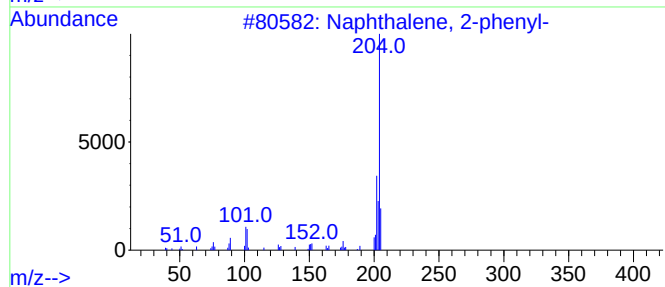
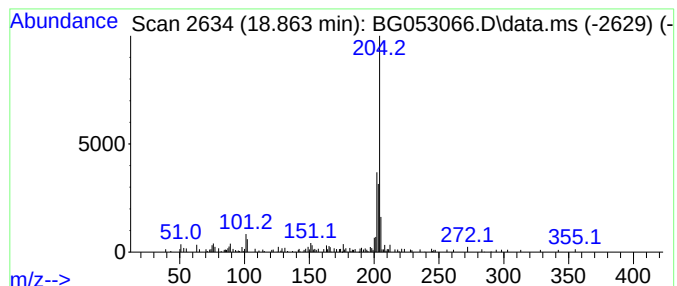
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	2.05 ng	63728	Phenanthrene-d10	17.494

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	64
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

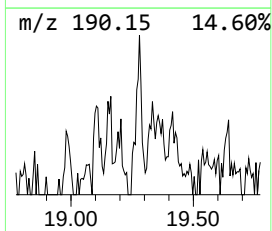
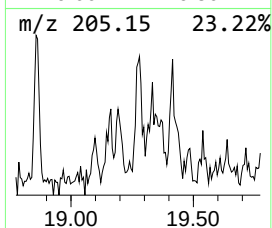
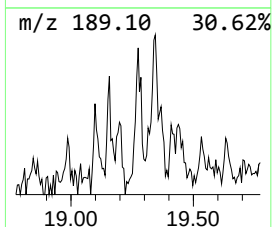
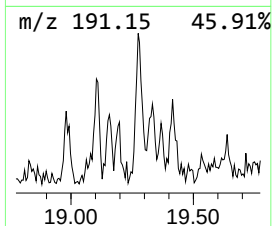
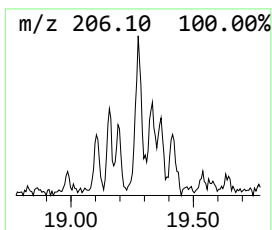
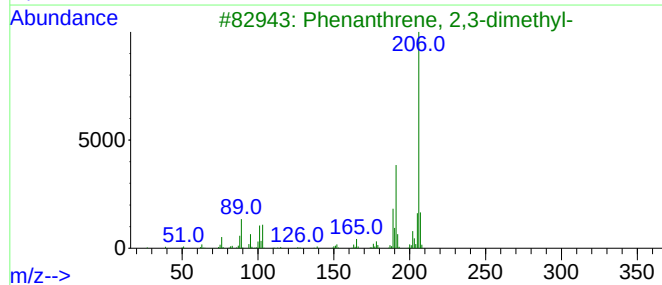
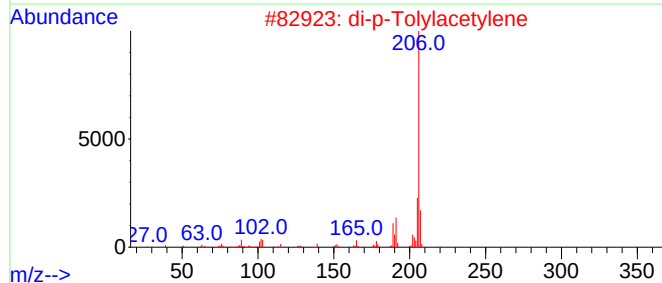
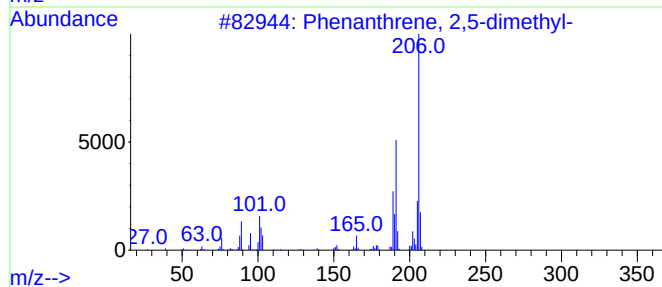
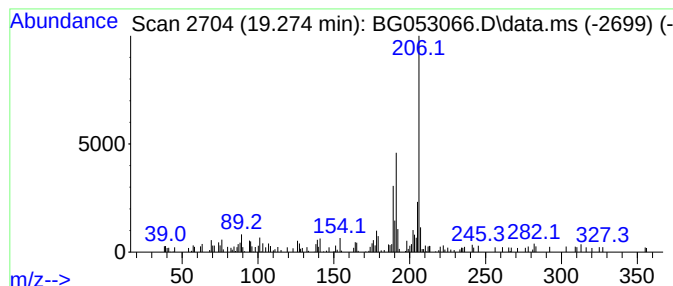
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.274	2.57 ng	79860	Phenanthrene-d10	17.494

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

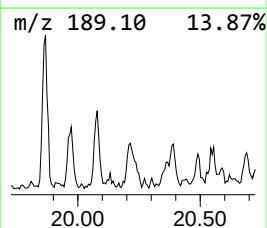
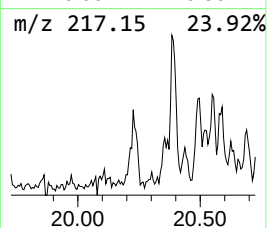
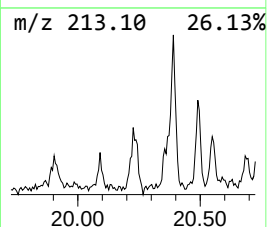
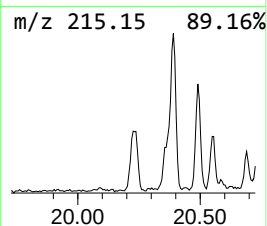
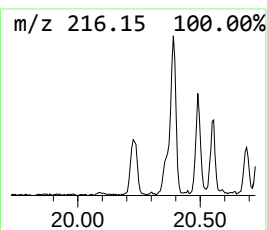
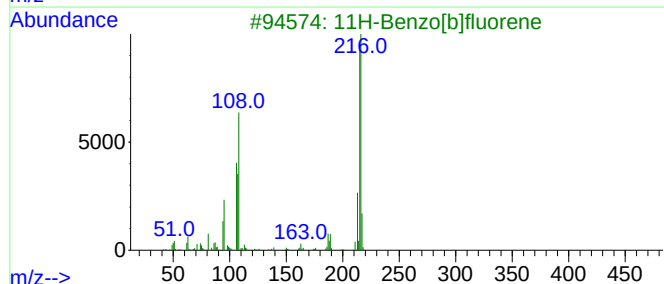
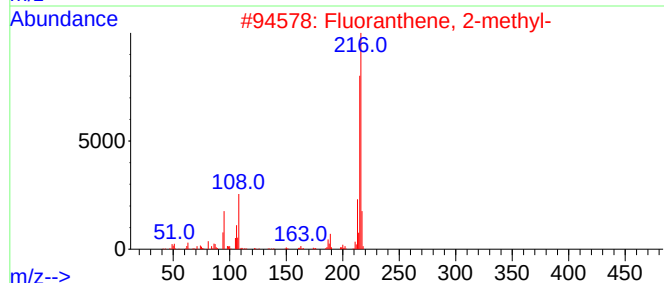
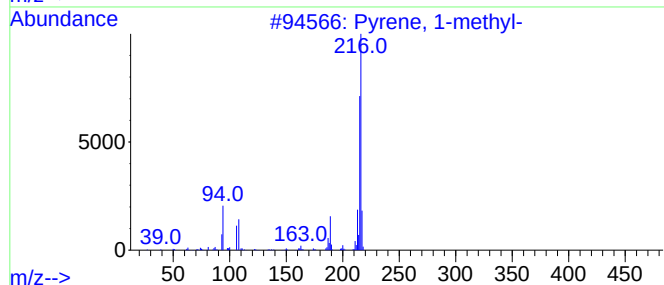
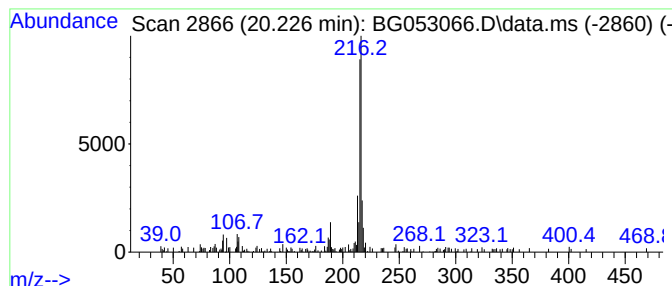
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.226	2.28 ng	123405	Chrysene-d12	21.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

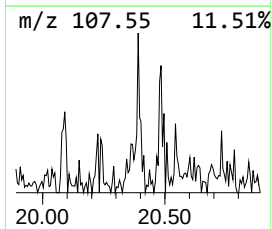
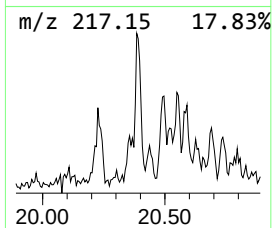
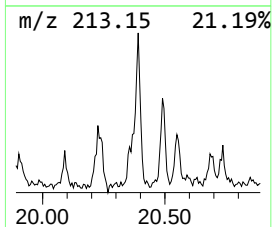
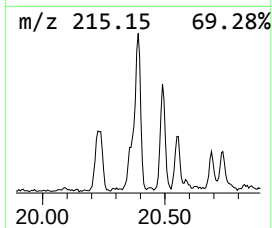
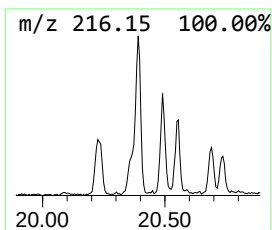
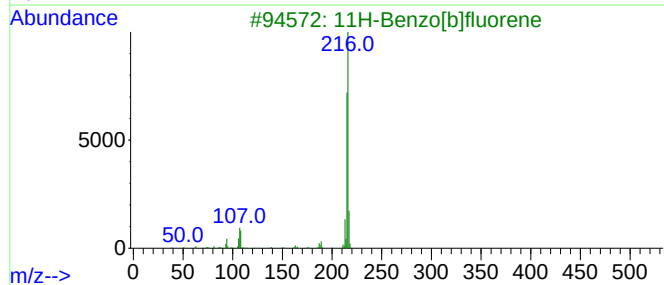
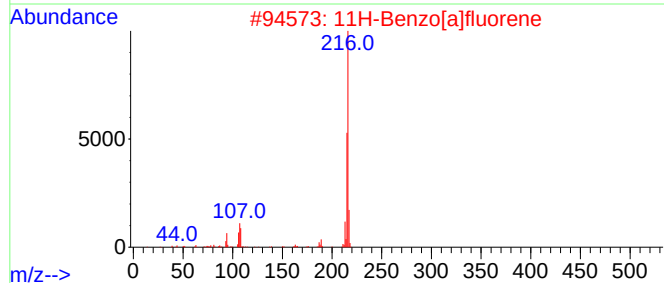
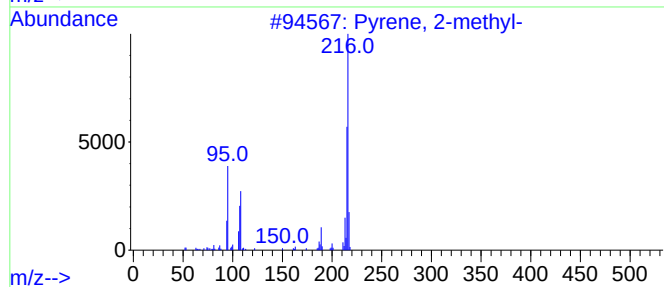
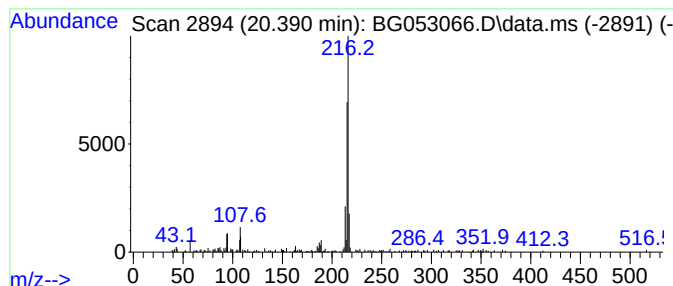
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.390	2.53 ng	137167	Chrysene-d12	21.777

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
Data File : BG053066.D
Acq On : 6 Apr 2022 22:20
Operator : CG/JU
Sample : N2237-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01040

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-m...	18.369	3.3	ng	103165	4	17.494	622466	20.0
1H-Indene, 2-ph...	18.416	4.3	ng	133208	4	17.494	622466	20.0
4H-Cyclopenta[d...	18.563	5.6	ng	174700	4	17.494	622466	20.0
Naphthalene, 2-...	18.863	2.0	ng	63728	4	17.494	622466	20.0
Phenanthrene, 2...	19.274	2.6	ng	79860	4	17.494	622466	20.0
Pyrene, 1-methyl-	20.226	2.3	ng	123405	5	21.777	1082280	20.0
Pyrene, 2-methyl-	20.390	2.5	ng	137167	5	21.777	1082280	20.0