LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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: BG053046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.696	385	393	402	rBV	125203	220098	9.01%	1.057%
2	7.283	655	663	672	rBV	142406	254012	10.40%	1.220%
3	8.134	797	808	817	rBV	128697	231127	9.46%	1.110%
4	9.286	996	1004	1013	rBV	88084	164977	6.75%	0.793%
5	10.942	1277	1286	1292	rBV	176123	324044	13.26%	1.557%
6	13.374	1693	1700	1707	rBV	221542	360098	14.74%	1.730%
7	14.179	1833	1837	1842	rBV5	16576	26409	1.08%	0.127%
8	14.490	1884	1890	1895	rBV7	18079	45433	1.86%	0.218%
9	14.584	1903	1906	1911	rVB7	25465	39553	1.62%	0.190%
10	14.749	1925	1934	1940	rBV	271707	460194	18.84%	2.211%
11	14.819	1940	1946	1949	rBV3	23604	45860	1.88%	0.220%
12	15.148	1994	2002	2006	rBV2	20613	42509	1.74%	0.204%
13	15.542	2064	2069	2075	rVB2	36982	57697	2.36%	0.277%
14	15.795	2107	2112	2117	rBV2	33833	50746	2.08%	0.244%
15	16.229	2181	2186	2197	rBV2	168767	280919	11.50%	1.350%
16	16.464	2222	2226	2231	rVB7	20408	35043	1.43%	0.168%
17	17.140	2339	2341	2347	rVB3	24715	31775	1.30%	0.153%
18	17.492	2395	2401	2405	rBV	305351	487821	19.97%	2.344%
19	17.533	2405	2408	2414	rVB	369752	536642	21.97%	2.578%
20	17.627	2420	2424	2429	rVB	89010	129339	5.29%	0.621%
21	17.898	2466	2470	2473	rBV	23117	34442	1.41%	0.165%
22	18.368	2546	2550	2554	rBV3	79699	117831	4.82%	0.566%
23	18.415	2554	2558	2564	rVB	111199	172575	7.06%	0.829%
24	18.497	2569	2572	2577	rVB	38872	45483	1.86%	0.219%
25	18.561	2578	2583	2587	rBV3	151429	280132	11.47%	1.346%
26	18.755	2612	2616	2621	rBV5	40464	62069	2.54%	0.298%
27	18.861	2630	2634	2637	rBV	62801	84246	3.45%	0.405%
28	18.902	2637	2641	2646	rVB2	62060	95385	3.90%	0.458%
29	19.155	2681	2684	2688	rBV2	26633	41833	1.71%	0.201%
30	19.278	2700	2705	2710	rBV2	99629	176972	7.24%	0.850%
31	19.419	2725	2729	2738	rBV4	95661	183838	7.53%	0.883%
32	19.542	2744	2750	2756	rVB	918022	1278819	52.35%	6.143%
33	19.783	2788	2791	2795	rBV	35303	47809	1.96%	0.230%
34	19.907	2801	2812	2819	rBV	1470940	2442887	100.00%	11.736%
35	19.971	2819	2823	2829	rVB4	65231	118312	4.84%	0.568%
36	20.095	2839	2844	2848	rVB	282973	375596	15.38%	1.804%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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	20.224	2861	2866	2873	rBV3	117172	271748	11.12%	1.305%
38	20.388	2885	2894	2899	rVB	166907	447509	18.32%	2.150%
39	20.488	2909	2911	2915	rVB	55549	69043	2.83%	0.332%
40	20.553	2918	2922	2926	rVB	190255	260127	10.65%	1.250%
41	20.688	2941	2945	2949	rBV	186804	269438	11.03%	1.294%
42	20.735	2949	2953	2963	rVB	165421	259707	10.63%	1.248%
43	21.158	3021	3025	3031	rVB	127188	206951	8.47%	0.994%
44	21.393	3062	3065	3069	rVB	110043	135999	5.57%	0.653%
45	21.440	3069	3073	3078	rVV2	133388	219401	8.98%	1.054%
46	21.499	3079	3083	3092	rVB3	117850	225927	9.25%	1.085%
47	21.763	3121	3128	3135	rBV2	710670	1807942	74.01%	8.685%
48	21.828	3135	3139	3151	rVB	595175	1081218	44.26%	5.194%
49	21.986	3161	3166	3172	rBV2	97308	163623	6.70%	0.786%
50	22.450	3241	3245	3249	rBV2	42197	69585	2.85%	0.334%
51	22.527	3254	3258	3263	rVB	141678	254515	10.42%	1.223%
52	22.809	3302	3306	3310	rBV2	66326	109329	4.48%	0.525%
53	24.042	3506	3516	3524	rBV	483834	1789022	73.23%	8.594%
54	24.301	3556	3560	3567	rVB2	86822	190874	7.81%	0.917%
55	24.788	3634	3643	3655	rVB	374760	1146614	46.94%	5.508%
56	24.935	3659	3668	3677	rVV	505933	1424180	58.30%	6.842%
57	25.094	3688	3695	3700	rBV	109037	255387	10.45%	1.227%
58	28.871	4330	4338	4355	rVB2	165033	775247	31.73%	3.724%

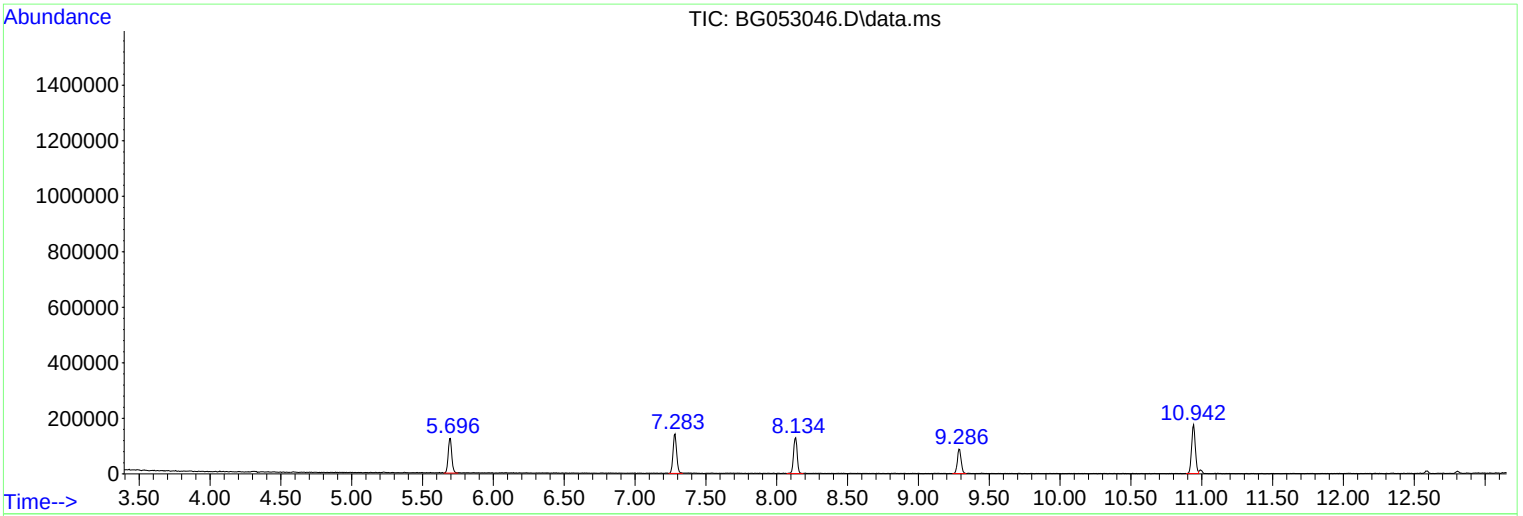
Sum of corrected areas: 20815911

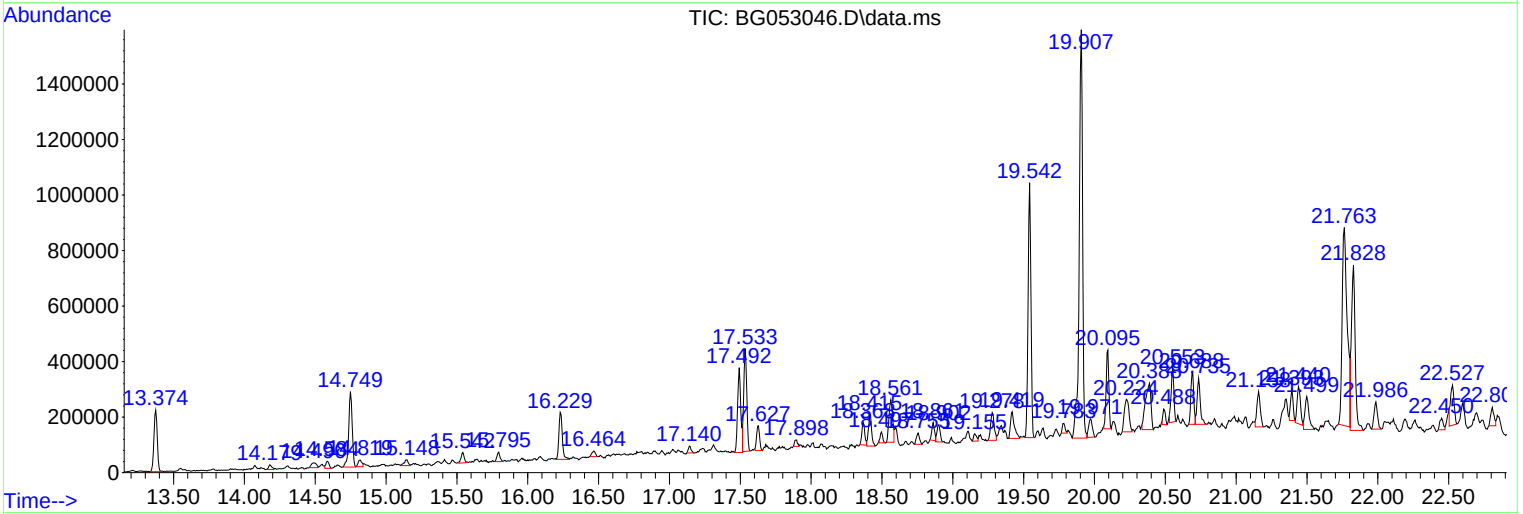
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

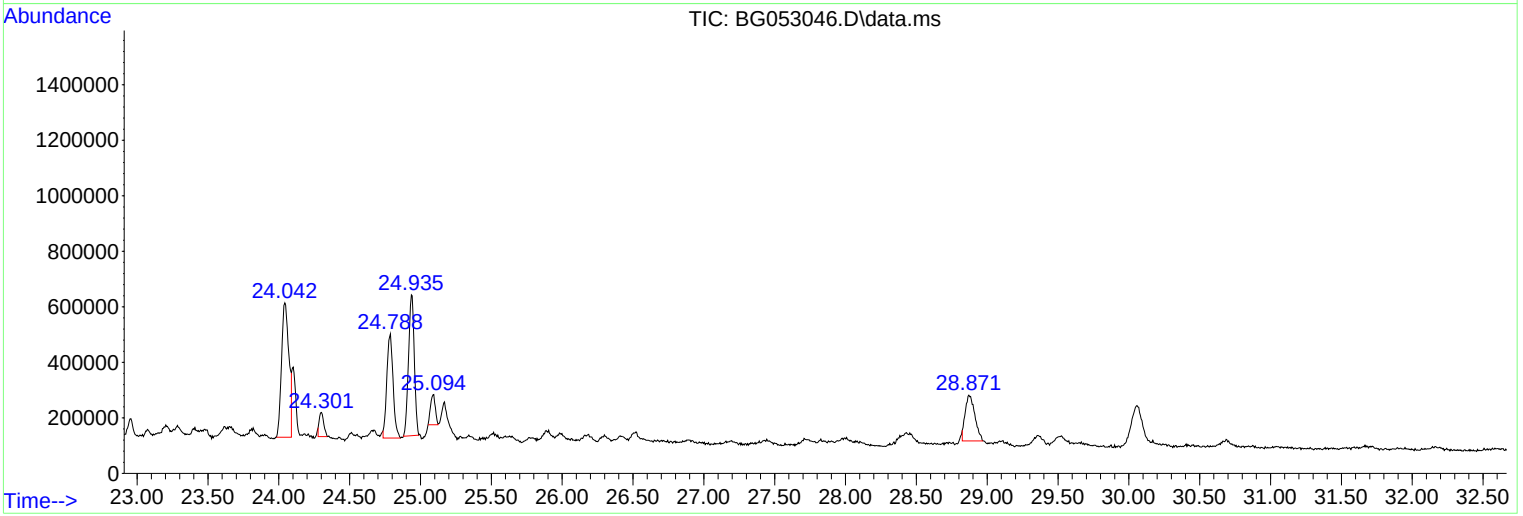
Instrument :
BNA_G
ClientSampleId :
TP-3

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\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

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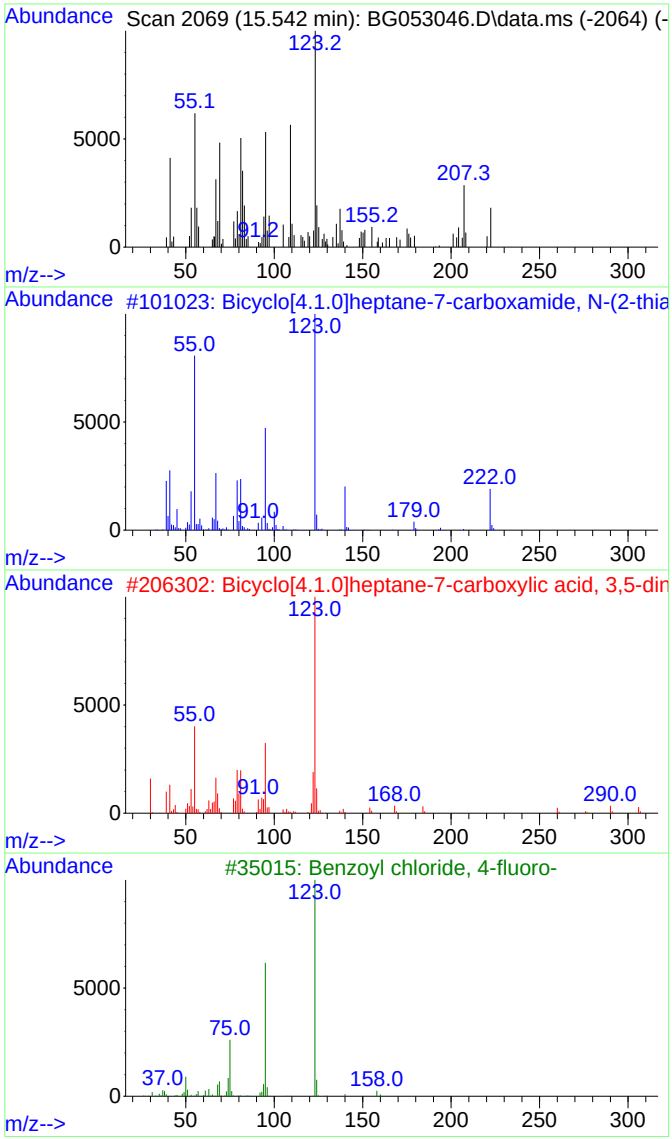
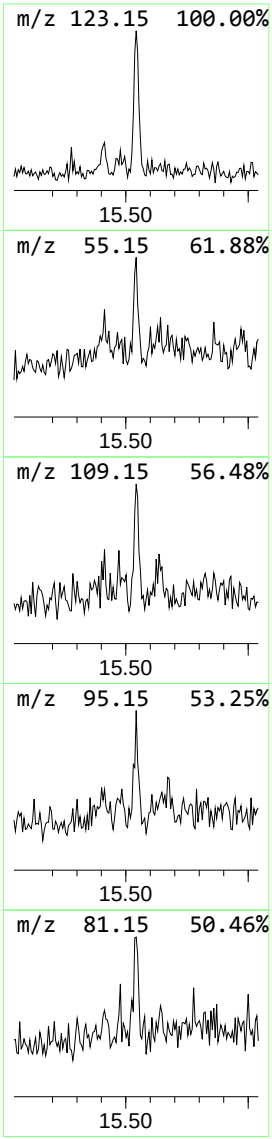
Peak Number 1 unknown15.542 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.542	2.51 ng	57697	Acenaphthene-d10	14.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	46
2	Bicyclo[4.1.0]heptane-7-carboxyl...	306	C14H14N2O6	1000311-95-8	43
3	Benzoyl chloride, 4-fluoro-	158	C7H4ClFO	000403-43-0	38
4	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	38
5	4-(3-Hydroxy-2,6,6-trimethylcycl...	222	C14H22O2	097306-57-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

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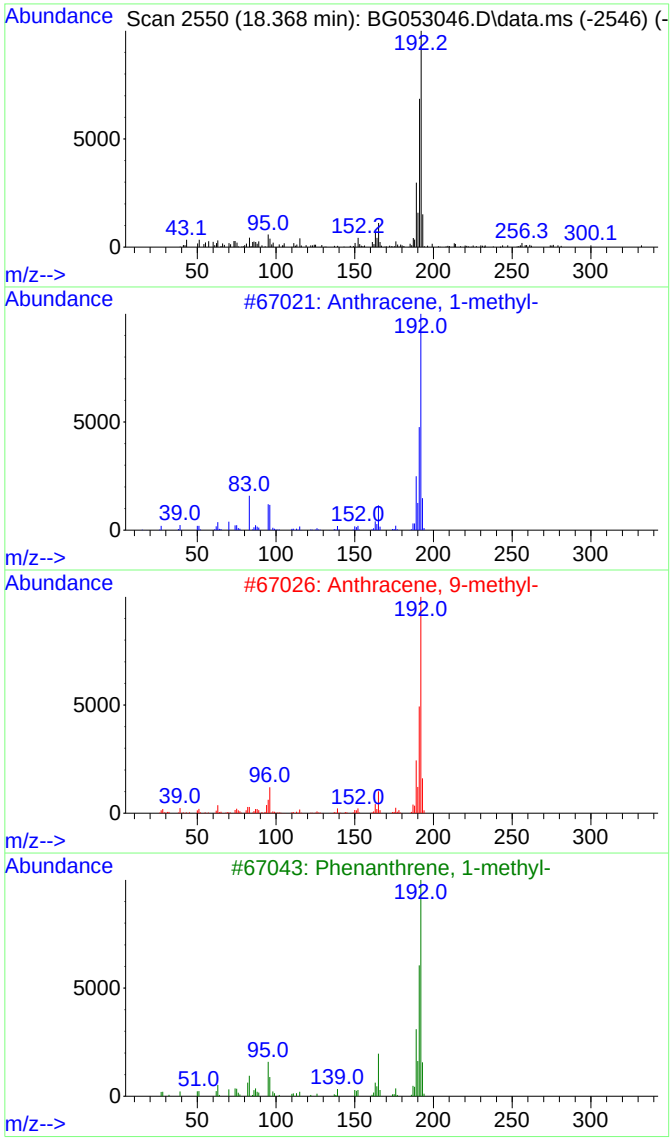
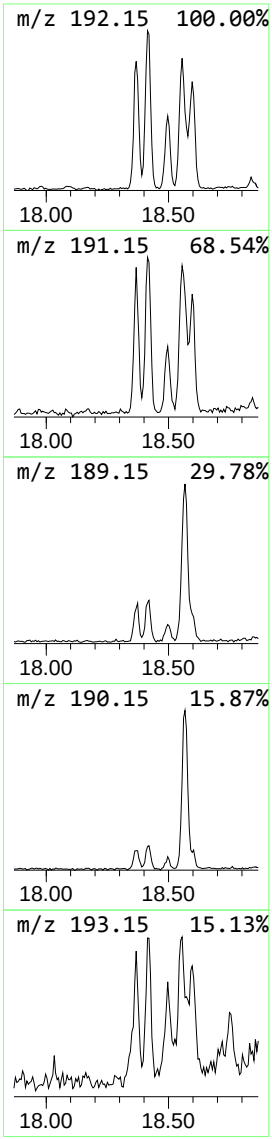
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	4.83 ng	117831	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

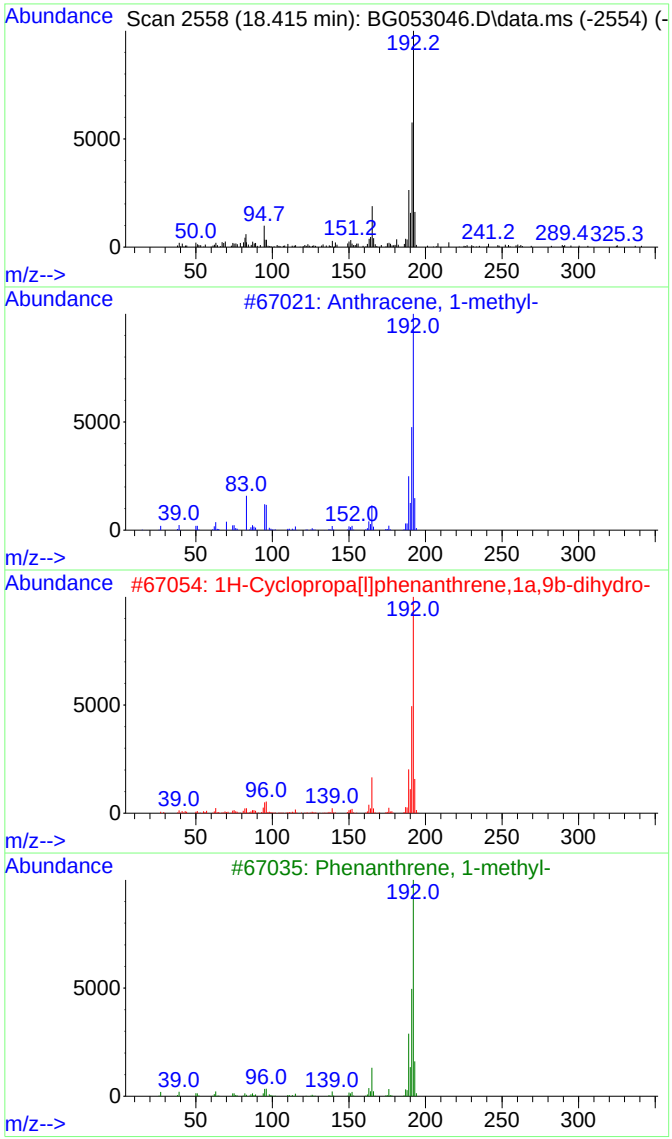
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

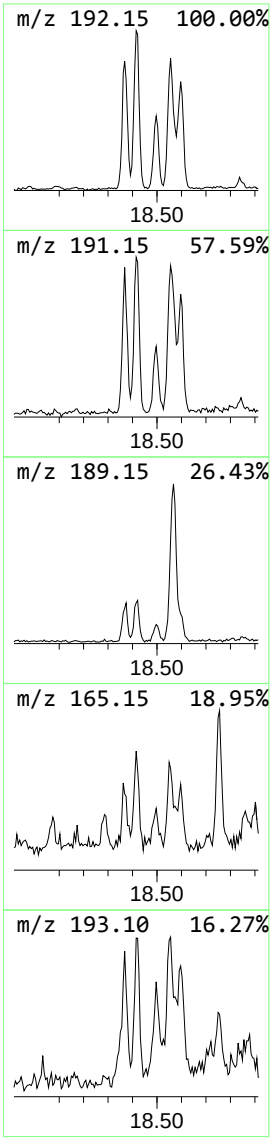
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.415	7.08 ng	172575	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

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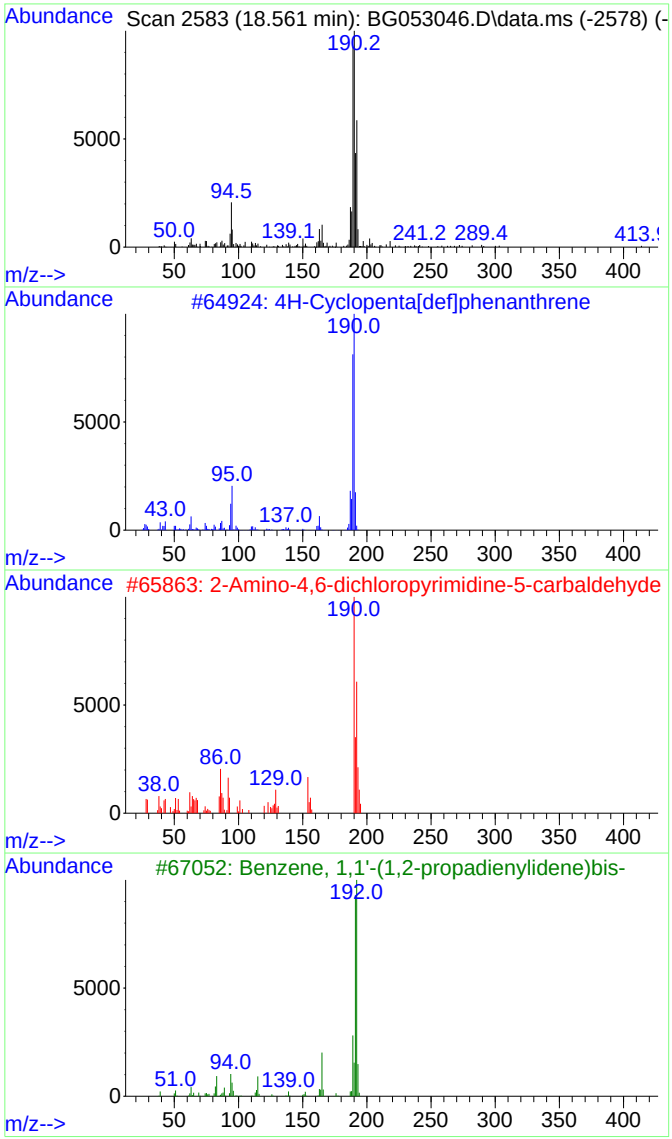
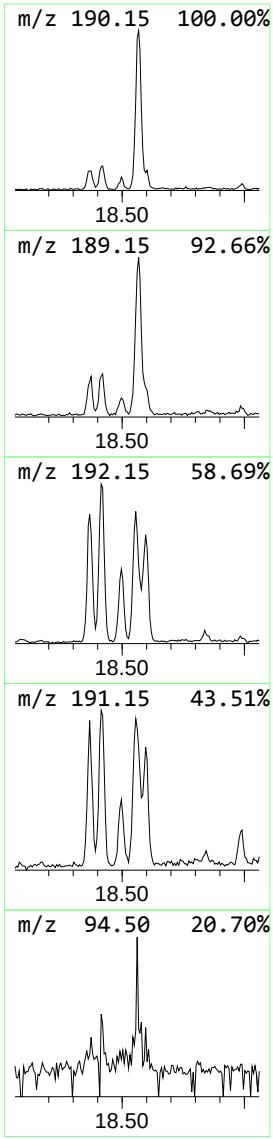
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.561	11.48 ng	280132	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

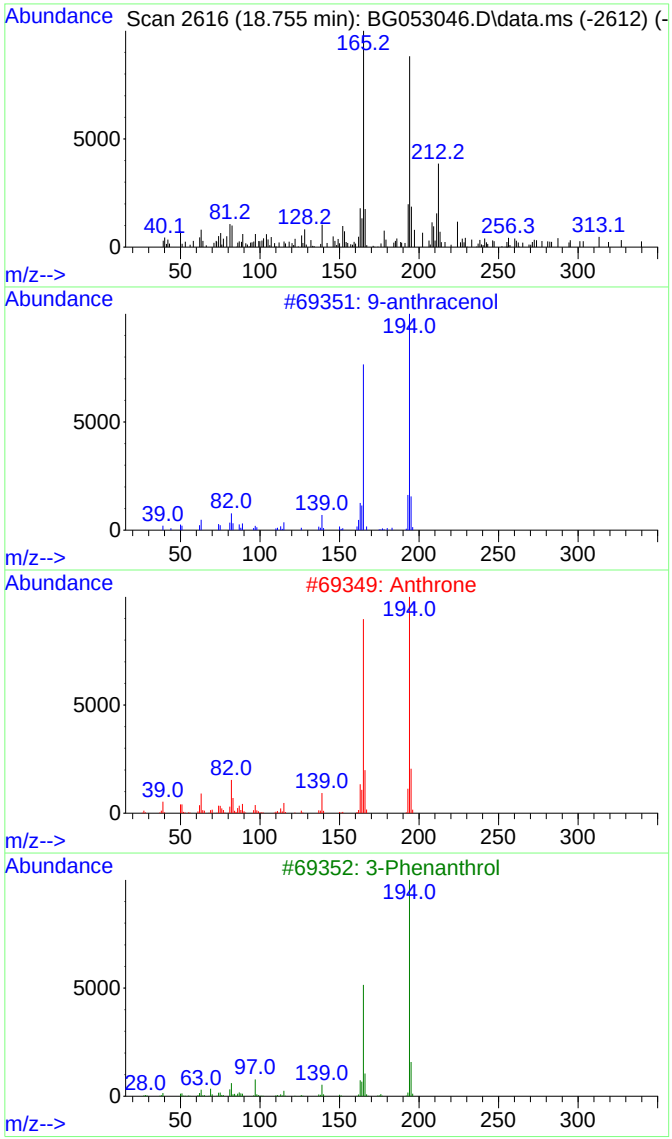
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

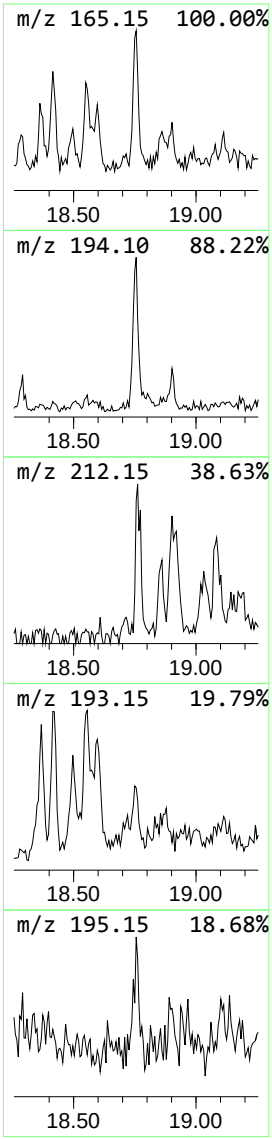
****

Peak Number 5 9-anthracenol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.755	2.54 ng	62069	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-anthracenol	194	C14H10O	1000400-30-3	64
2	Anthrone	194	C14H10O	000090-44-8	64
3	3-Phenanthrol	194	C14H10O	000605-87-8	60
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	53
5	9-Phenanthrenol	194	C14H10O	000484-17-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

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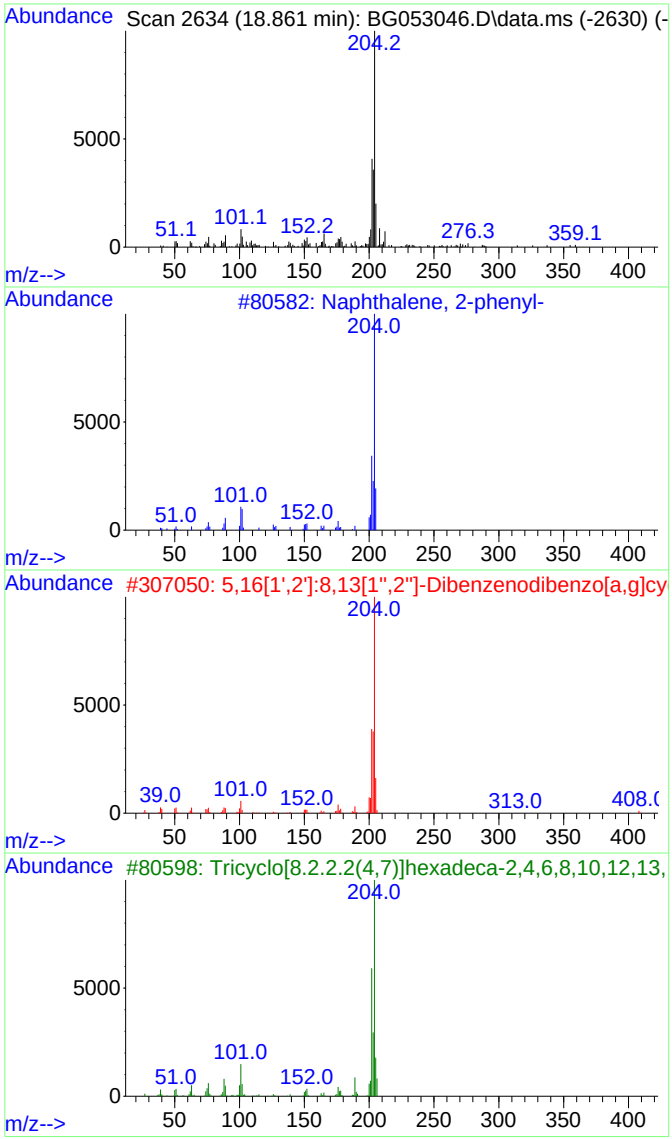
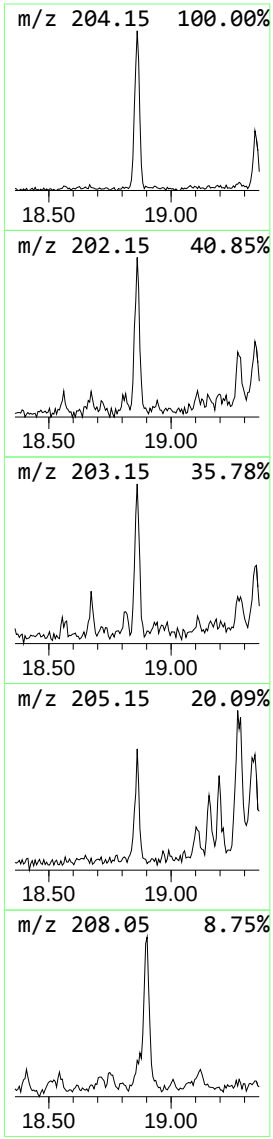
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.861	3.45 ng	84246	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

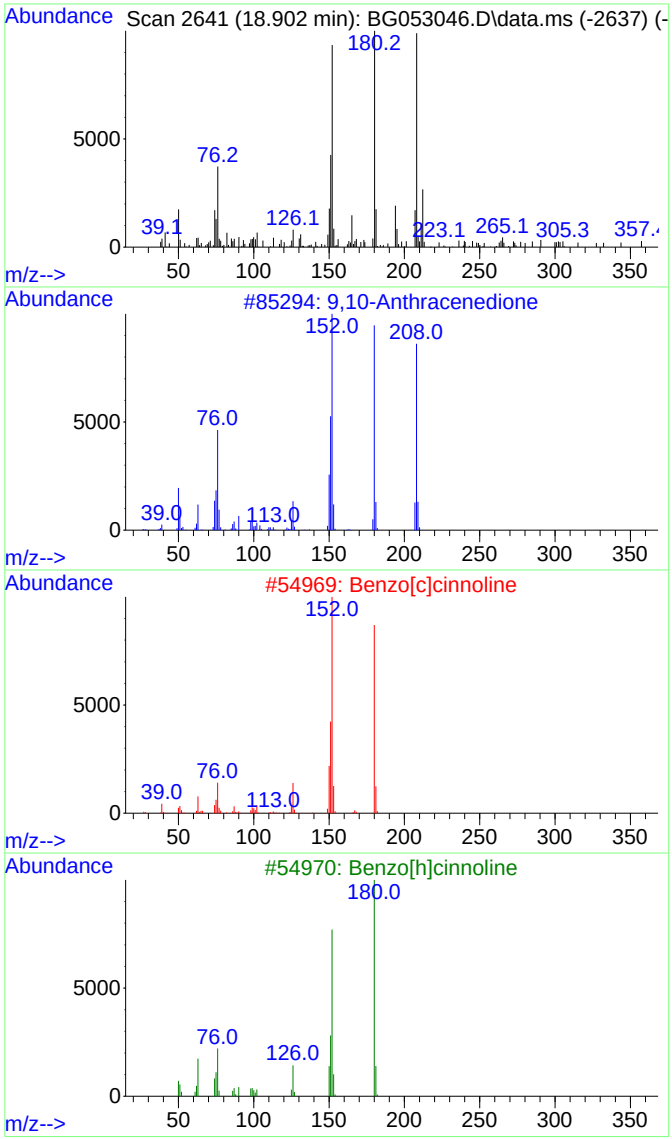
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

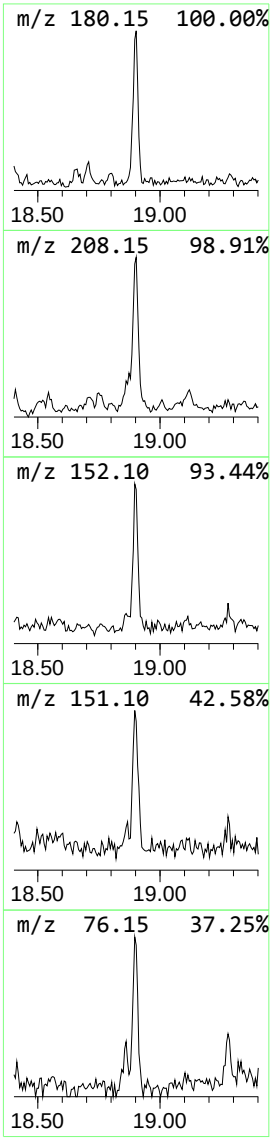
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.902	3.91 ng	95385	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	45





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Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

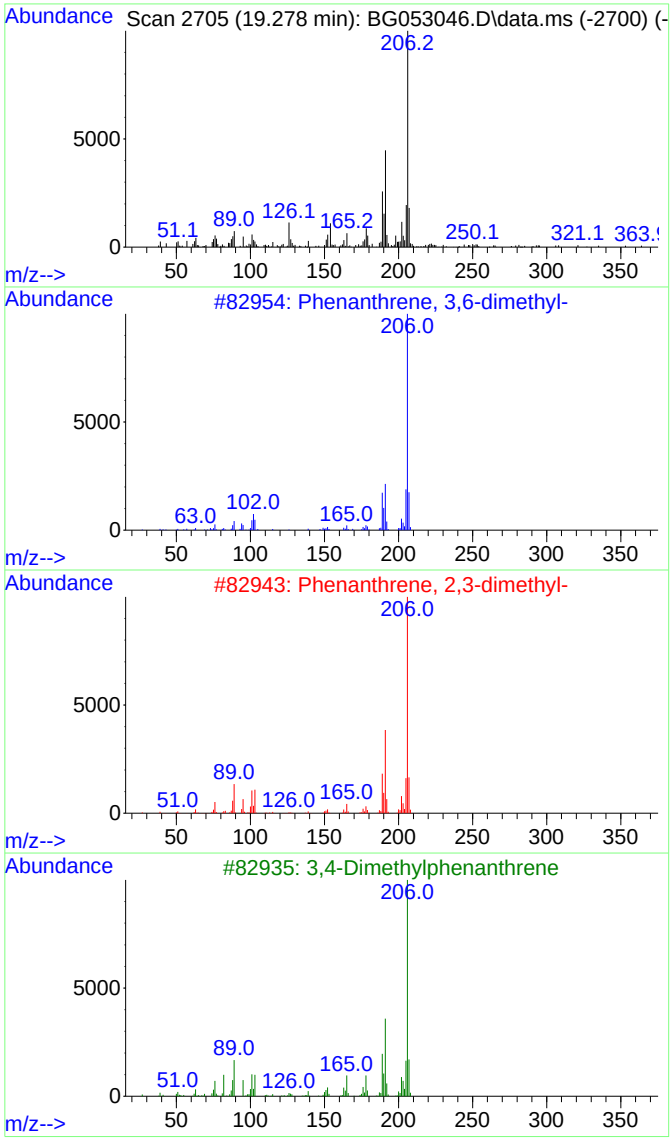
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

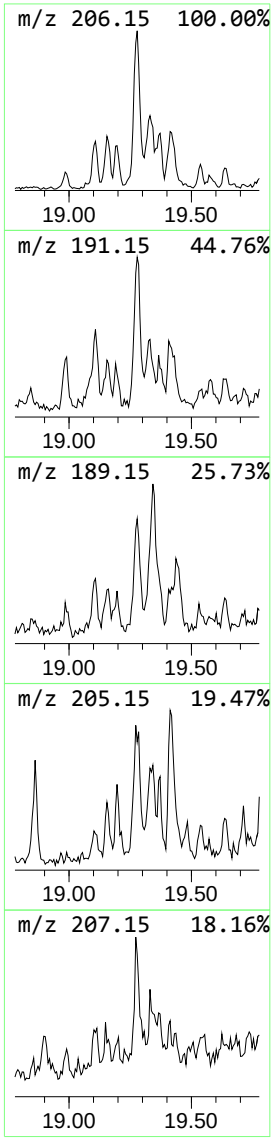
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.278	7.26 ng	176972	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

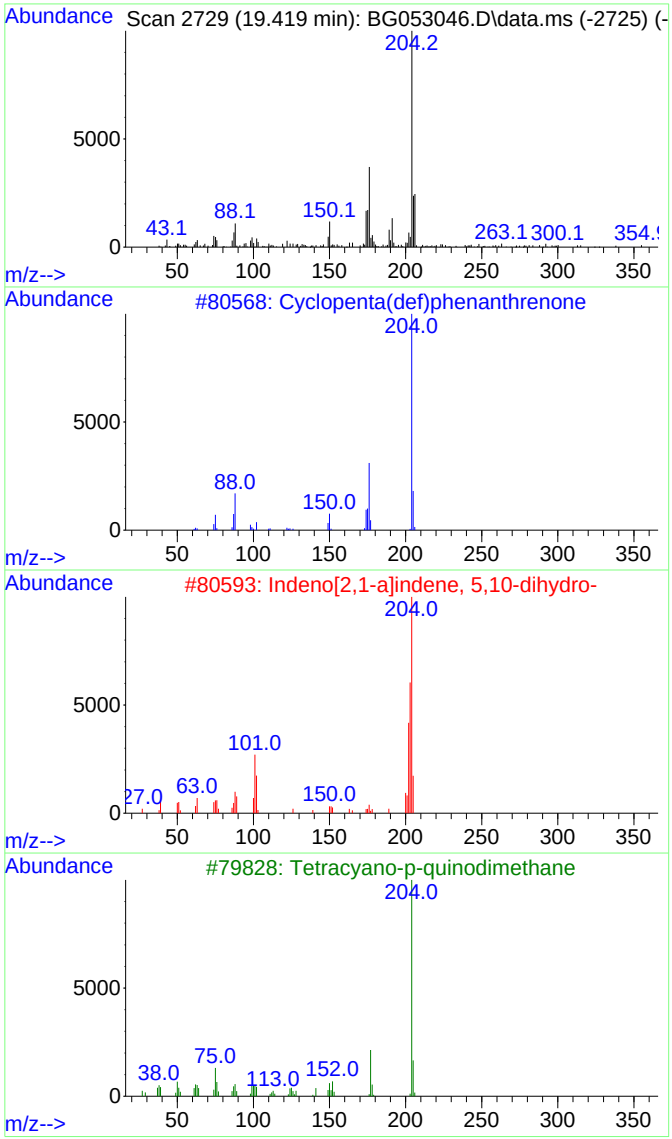
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

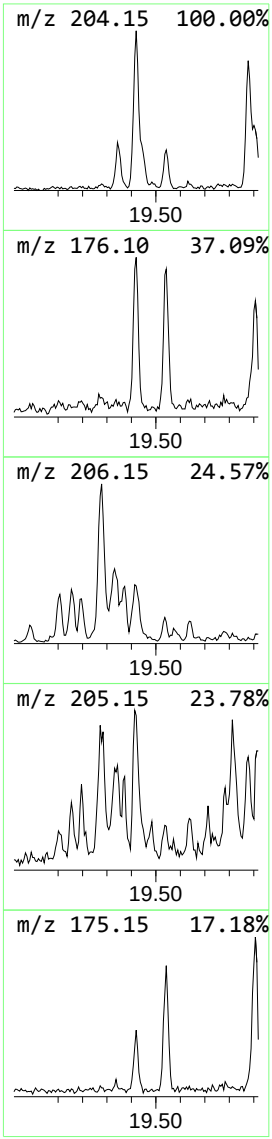
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	7.54 ng	183838	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43





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Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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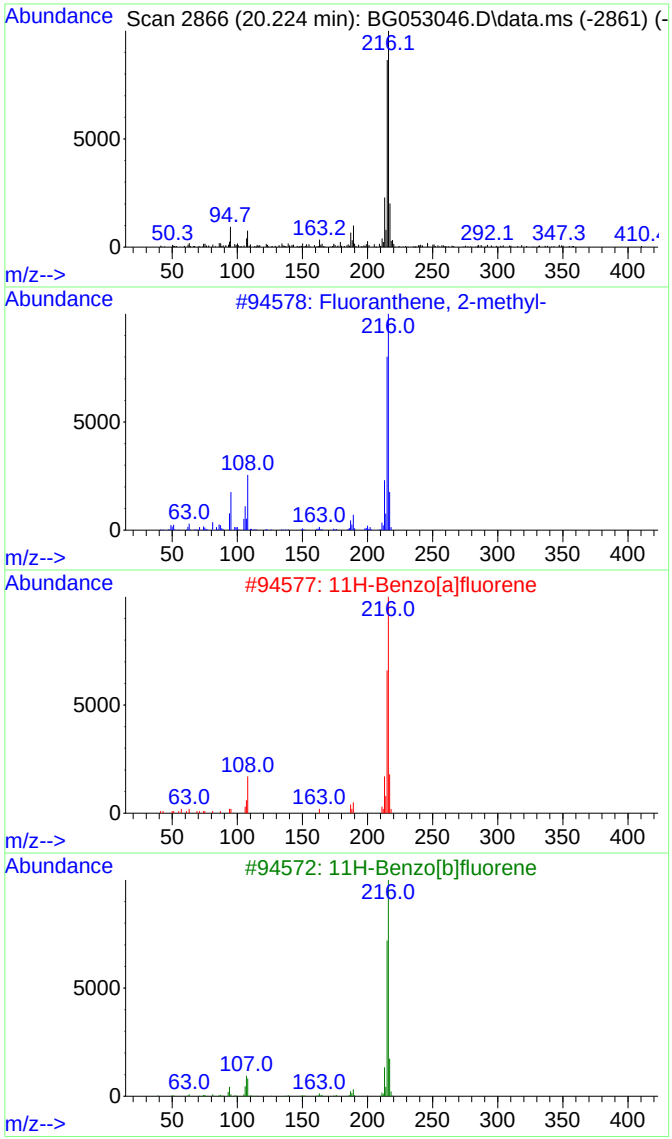
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

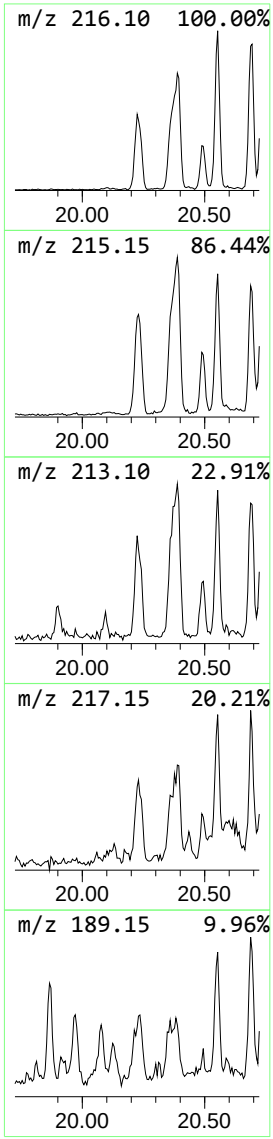
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.224	3.01 ng	271748	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

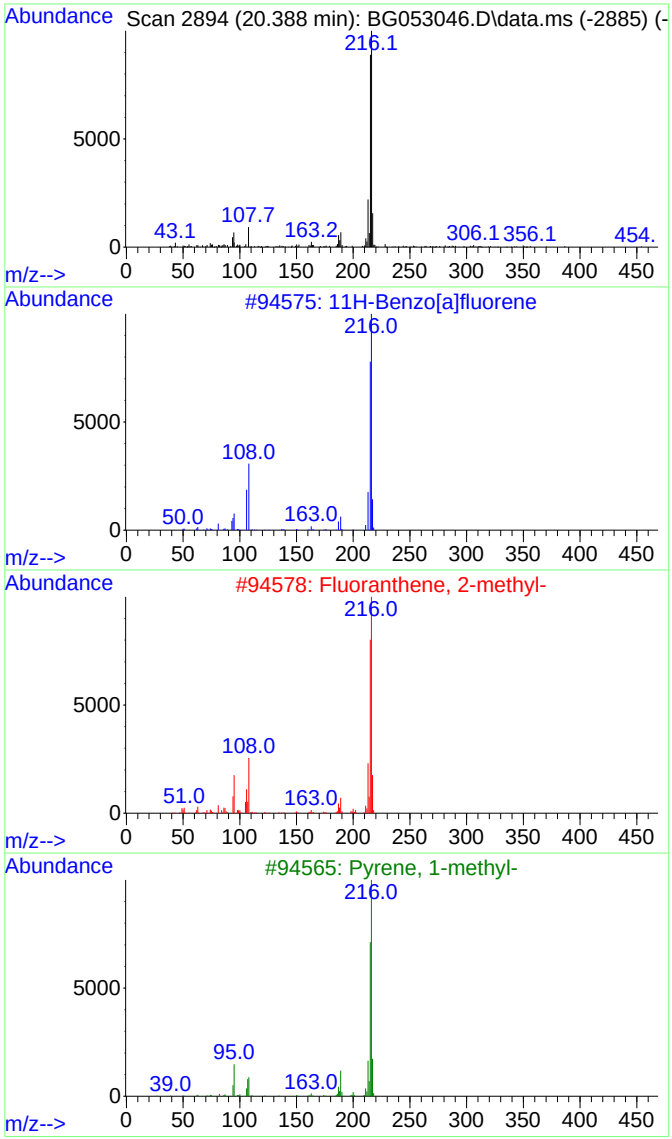
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

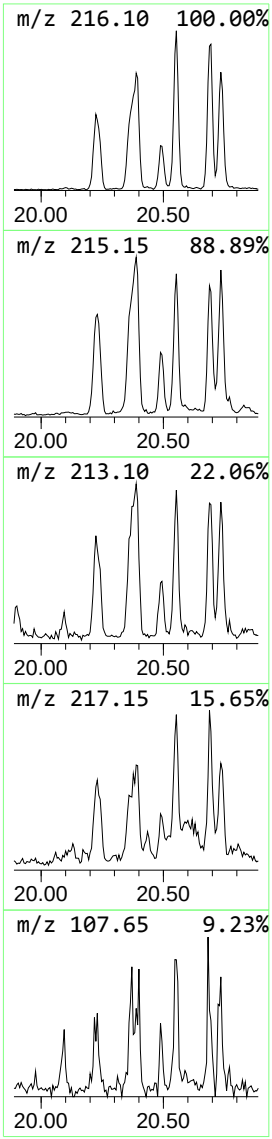
****

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.388	4.95 ng	447509	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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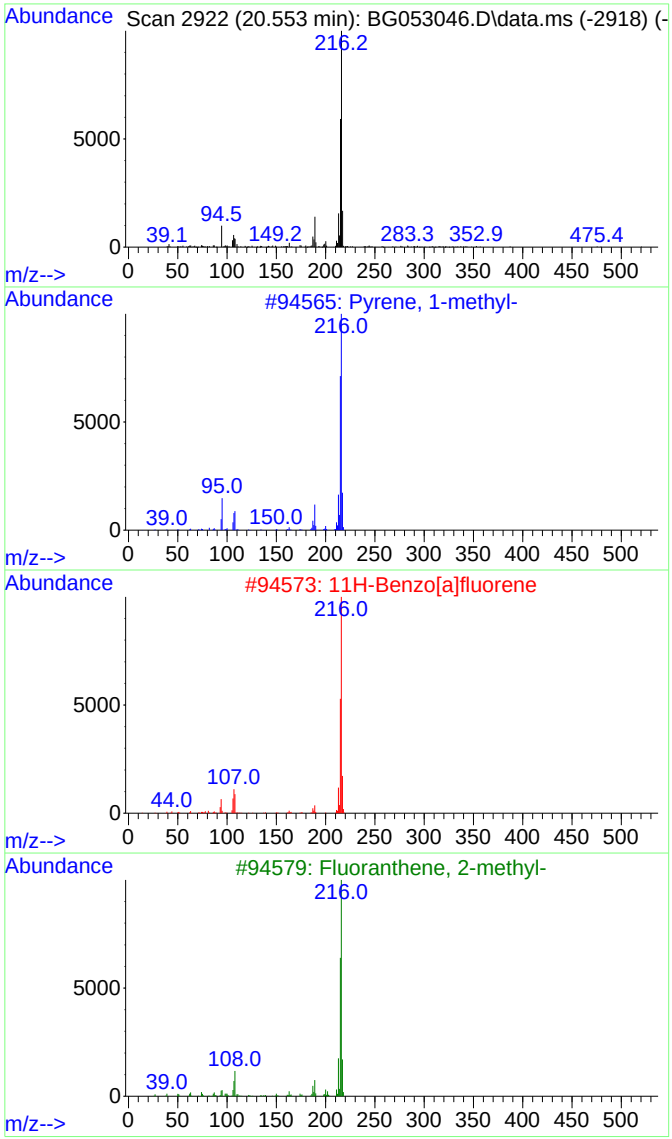
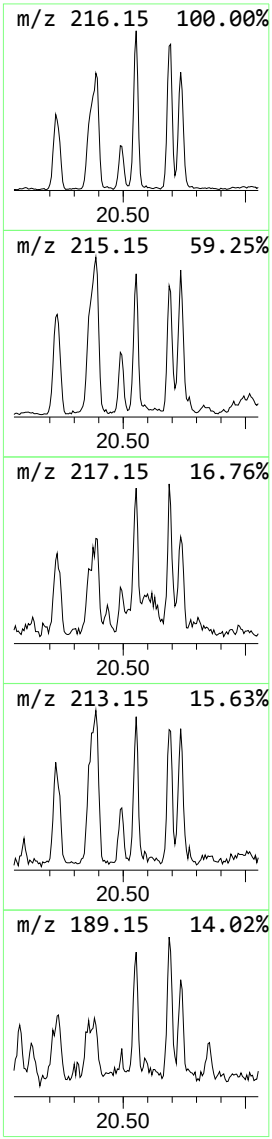
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.553	2.88 ng	260127	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

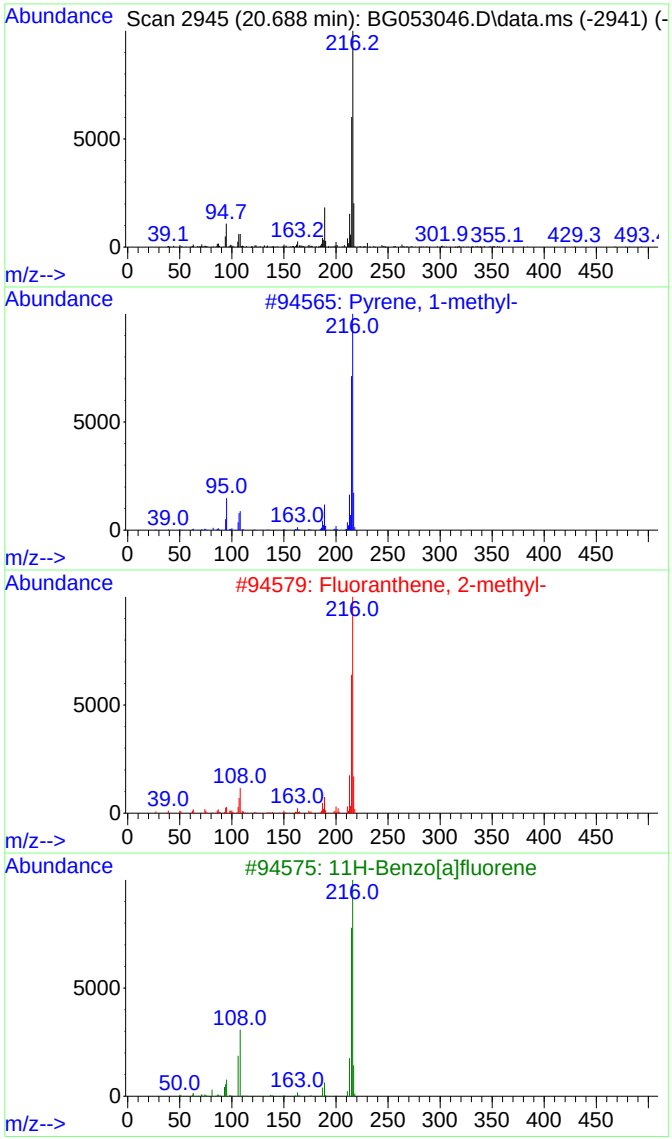
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

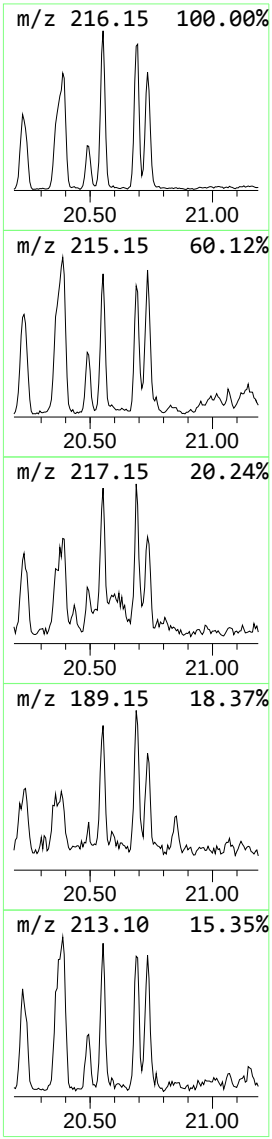
****

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.688	2.98 ng	269438	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

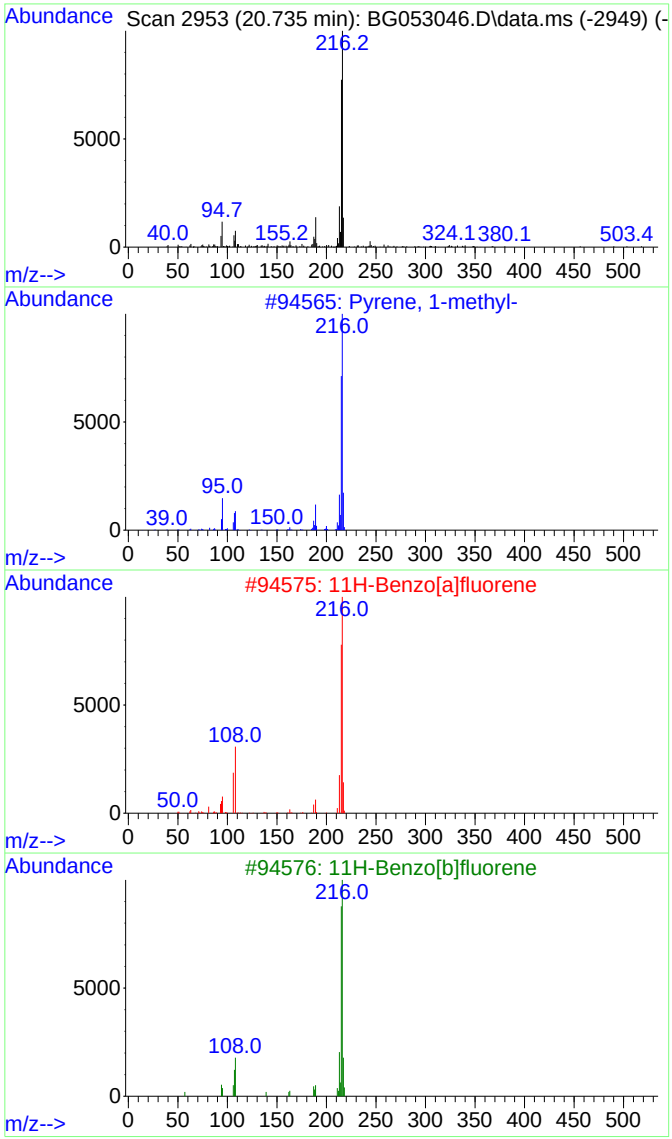
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

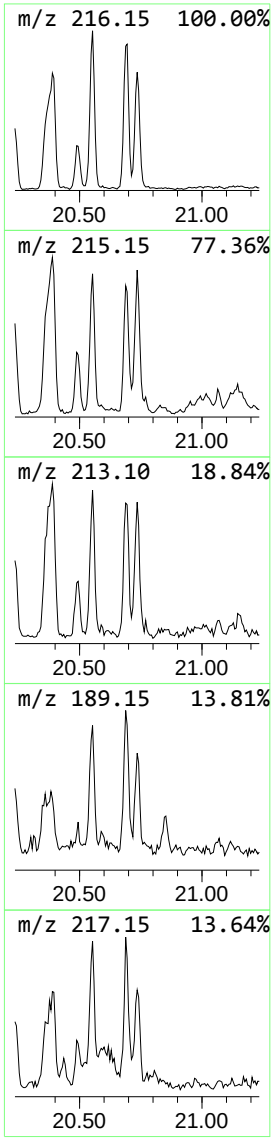
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.735	2.87 ng	259707	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74





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Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

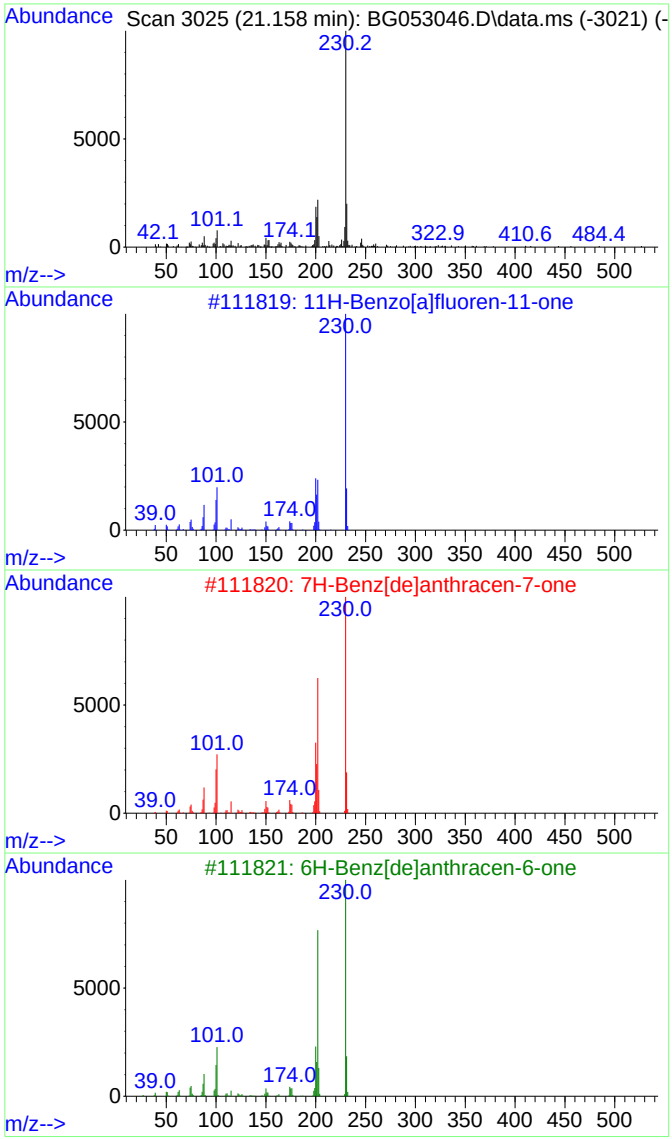
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

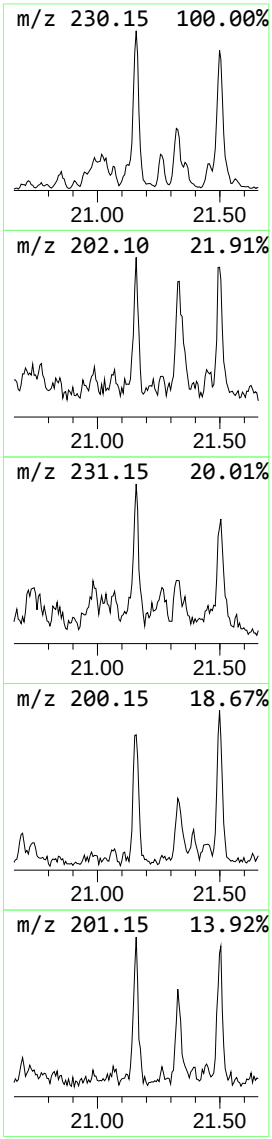
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.158	2.29 ng	206951	Chrysene-d12	21.781

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	64
4	p-Terphenyl	230	C18H14	000092-94-4	58
5	m-Terphenyl	230	C18H14	000092-06-8	53





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

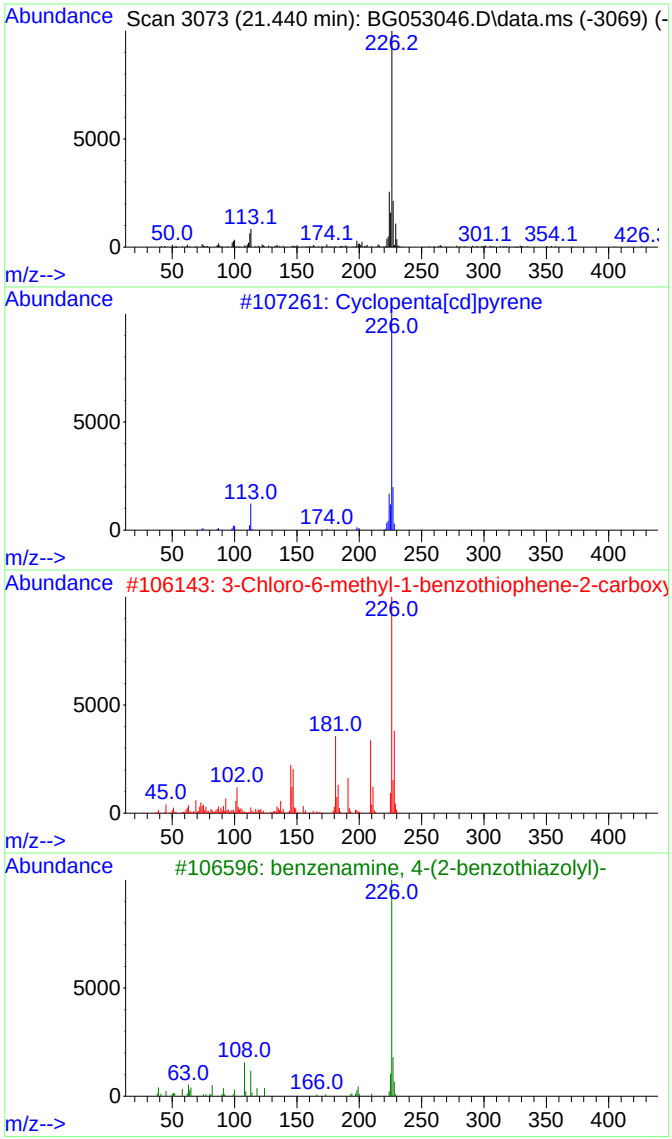
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

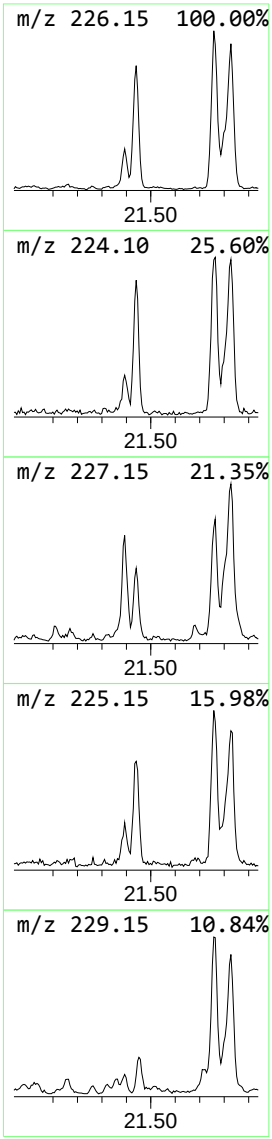
****

Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.440	2.43 ng	219401	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	45
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	38
5	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	36





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ALS Vial : 14 Sample Multiplier: 1

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

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

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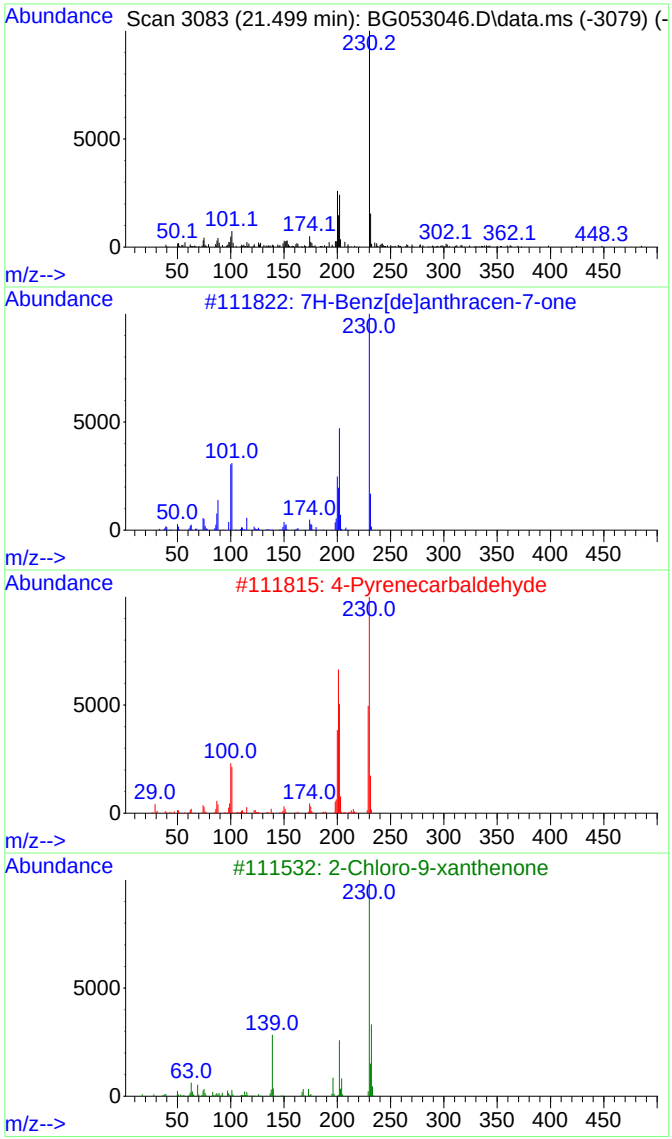
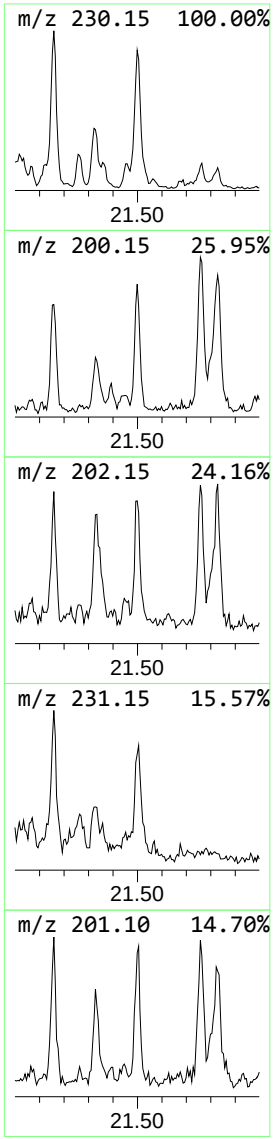
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.499	2.50 ng	225927	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
2	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
3	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	53
4	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53
5	Visnagin	230	C13H10O4	000082-57-5	50





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ALS Vial : 14 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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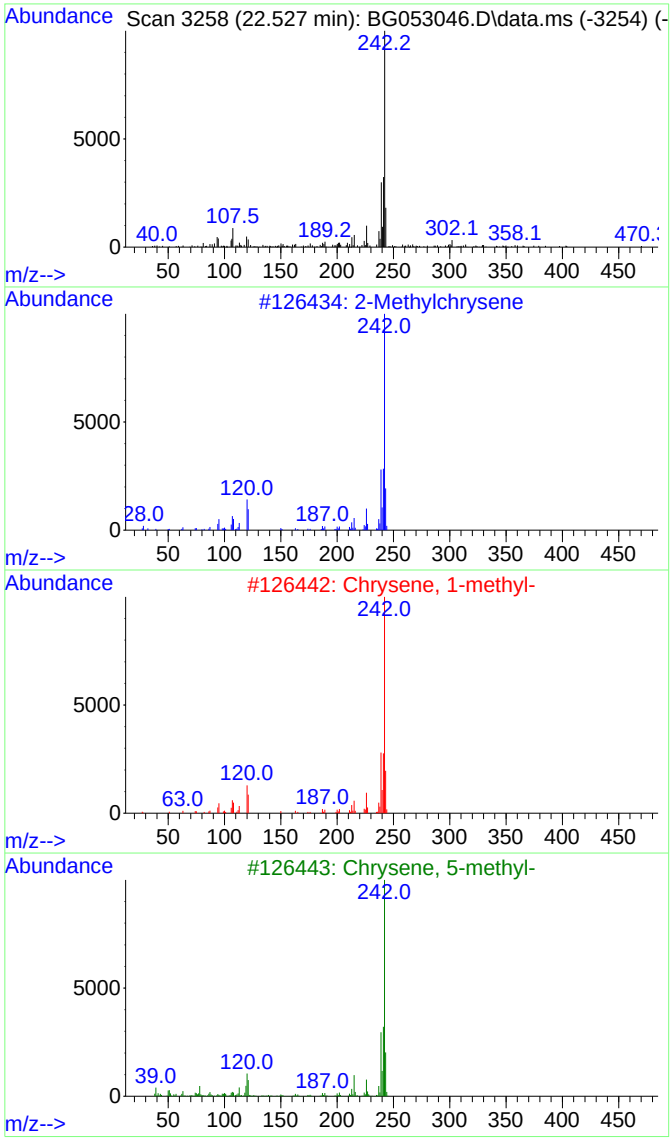
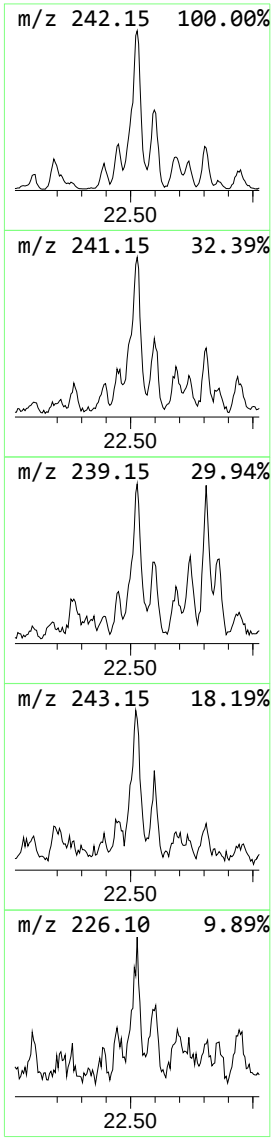
Peak Number 18 2-Methylchrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.527	2.82 ng	254515	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-3

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

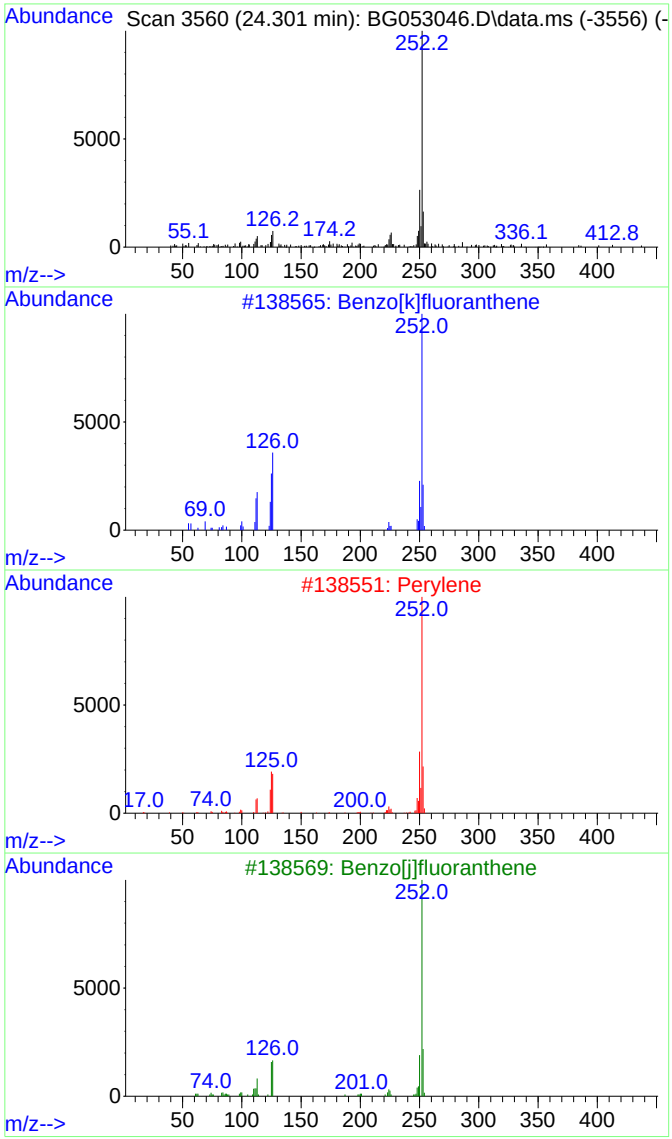
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

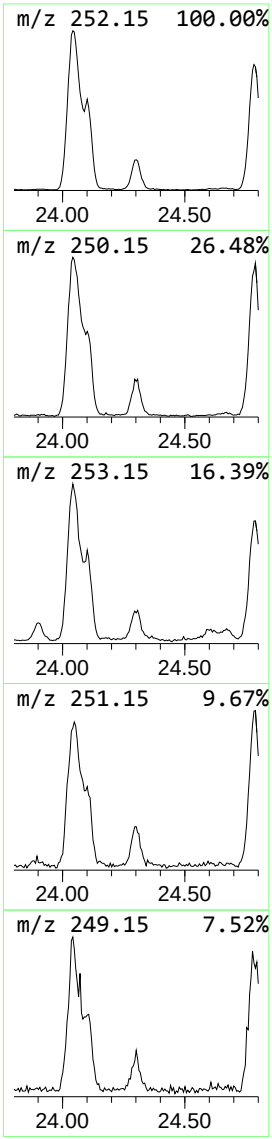
****

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.301	14.95 ng	190874	Perylene-d12	25.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Perylene	252	C20H12	000198-55-0	76
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	68
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

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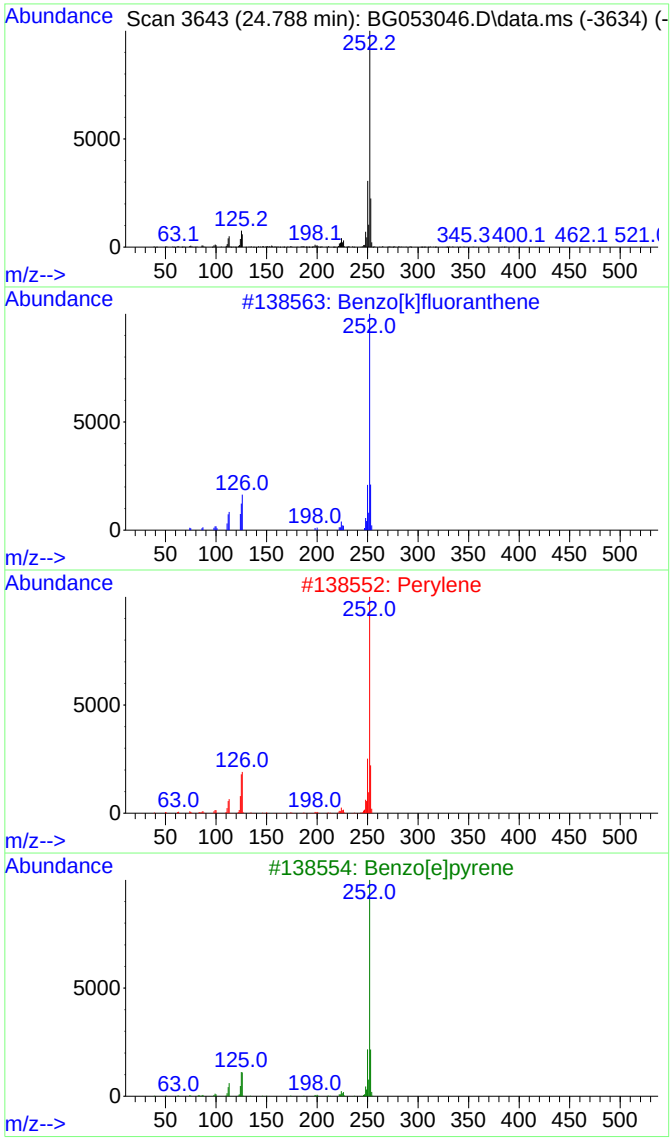
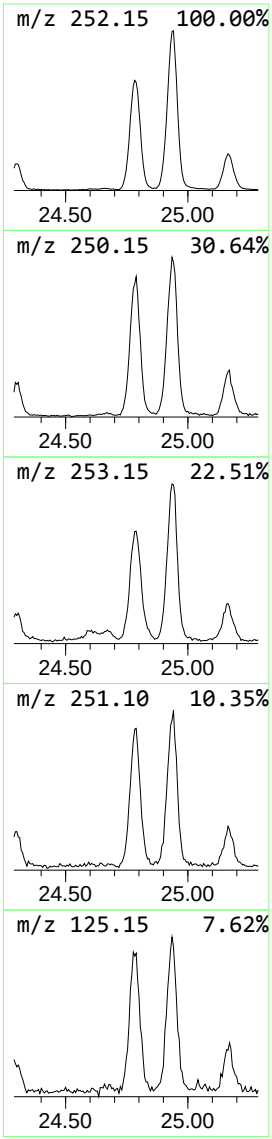
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.788	89.79 ng	1146610	Perylene-d12	25.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053046.D
Acq On : 6 Apr 2022 00:23
Operator : CG/JU
Sample : N2257-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown15.542	15.542	2.5	ng	57697	3	14.749	460194	20.0
Anthracene, 1-m...	18.368	4.8	ng	117831	4	17.492	487821	20.0
1H-Cyclopropa[l...	18.415	7.1	ng	172575	4	17.492	487821	20.0
4H-Cyclopenta[d...	18.561	11.5	ng	280132	4	17.492	487821	20.0
9-anthracenol	18.755	2.5	ng	62069	4	17.492	487821	20.0
Naphthalene, 2-...	18.861	3.5	ng	84246	4	17.492	487821	20.0
9,10-Anthracene...	18.902	3.9	ng	95385	4	17.492	487821	20.0
Phenanthrene, 3...	19.278	7.3	ng	176972	4	17.492	487821	20.0
Cyclopenta(def)...	19.419	7.5	ng	183838	4	17.492	487821	20.0
Fluoranthene, 2...	20.224	3.0	ng	271748	5	21.781	1807940	20.0
11H-Benzo[a]flu...	20.388	5.0	ng	447509	5	21.781	1807940	20.0
Pyrene, 1-methyl-	20.553	2.9	ng	260127	5	21.781	1807940	20.0
Pyrene, 2-methyl-	20.688	3.0	ng	269438	5	21.781	1807940	20.0
11H-Benzo[b]flu...	20.735	2.9	ng	259707	5	21.781	1807940	20.0
11H-Benzo[a]flu...	21.158	2.3	ng	206951	5	21.781	1807940	20.0
Cyclopenta[cd]p...	21.440	2.4	ng	219401	5	21.781	1807940	20.0
7H-Benz[de]anth...	21.499	2.5	ng	225927	5	21.781	1807940	20.0
2-Methylchrysene	22.527	2.8	ng	254515	5	21.781	1807940	20.0
Perylene	24.301	14.9	ng	190874	6	25.088	255387	20.0
Benzo[e]pyrene	24.788	89.8	ng	1146610	6	25.088	255387	20.0