LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RVE-24

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	15	20	32	rVB	63995	124164	4.11%	0.796%
2	5.572	433	440	454	rVB	265144	462795	15.32%	2.966%
3	7.182	707	714	725	rBV	290879	509229	16.86%	3.264%
4	7.987	843	851	859	rBB	61108	104282	3.45%	0.668%
5	9.150	1042	1049	1058	rBV	178004	331519	10.98%	2.125%
6	10.796	1322	1329	1337	rBV	80027	145666	4.82%	0.934%
7	13.246	1738	1746	1754	rBV	588918	920944	30.49%	5.903%
8	14.350	1928	1934	1948	rBV	29831	67123	2.22%	0.430%
9	14.626	1972	1981	1988	rVB	136155	223144	7.39%	1.430%
10	16.119	2228	2235	2242	rBV2	566021	876541	29.02%	5.618%
11	17.370	2442	2448	2452	rBV	184254	293384	9.71%	1.881%
12	17.411	2452	2455	2462	rVV	43960	63073	2.09%	0.404%
13	18.252	2593	2598	2602	rBV2	71521	126099	4.17%	0.808%
14	18.293	2602	2605	2611	rVB	54152	83593	2.77%	0.536%
15	18.434	2624	2629	2634	rVV2	61371	123501	4.09%	0.792%
16	18.475	2634	2636	2643	rVB	40940	58280	1.93%	0.374%
17	18.739	2677	2681	2686	rVV3	29297	53132	1.76%	0.341%
18	18.792	2686	2690	2698	rVB5	23820	48500	1.61%	0.311%
19	18.986	2715	2723	2728	rBV2	33730	81596	2.70%	0.523%
20	19.039	2728	2732	2736	rVV	43305	53560	1.77%	0.343%
21	19.080	2736	2739	2743	rVB	38102	47823	1.58%	0.307%
22	19.162	2747	2753	2757	rBV	133464	227599	7.54%	1.459%
23	19.215	2758	2762	2766	rVV3	53623	97284	3.22%	0.624%
24	19.250	2766	2768	2772	rVB	34807	37279	1.23%	0.239%
25	19.303	2772	2777	2783	rBV4	74753	148841	4.93%	0.954%
26	19.427	2792	2798	2803	rVB	176281	274290	9.08%	1.758%
27	19.485	2804	2808	2811	rBV2	24787	37236	1.23%	0.239%
28	19.526	2811	2815	2818	rVB5	30246	41399	1.37%	0.265%
29	19.573	2820	2823	2828	rBV	26960	41476	1.37%	0.266%
30	19.667	2835	2839	2841	rBV2	22979	30657	1.01%	0.197%
31	19.791	2854	2860	2867	rVB2	330321	592908	19.63%	3.800%
32	19.861	2867	2872	2877	rVB2	111828	167539	5.55%	1.074%
33	19.979	2878	2892	2897	rBV	1170118	1721459	56.99%	11.034%
34	20.020	2897	2899	2907	rVB3	58365	85093	2.82%	0.545%
35	20.120	2909	2916	2924	rVV5	84164	244639	8.10%	1.568%
36	20.196	2925	2929	2932	rVV5	24719	39899	1.32%	0.256%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.273	2933	2942	2947	rVB4	114469	335521	11.11%	2.151%
38	20.437	2966	2970	2975	rBV	144483	197030	6.52%	1.263%
39	20.578	2989	2994	2998	rBV	180594	270870	8.97%	1.736%
40	20.625	2998	3002	3005	rVB	95748	134702	4.46%	0.863%
41	21.036	3069	3072	3078	rVB	103153	157633	5.22%	1.010%
42	21.136	3085	3089	3094	rVB	62692	85619	2.83%	0.549%
43	21.195	3095	3099	3102	rBV2	69028	116026	3.84%	0.744%
44	21.266	3108	3111	3116	rVB2	107606	145146	4.81%	0.930%
45	21.636	3166	3174	3179	rBV2	284604	755383	25.01%	4.842%
46	21.683	3179	3182	3194	rVB	184873	345713	11.45%	2.216%
47	22.370	3290	3299	3305	rBV	129153	349533	11.57%	2.240%
48	22.435	3307	3310	3317	rVB2	135339	248207	8.22%	1.591%
49	22.640	3341	3345	3351	rVB	62014	95275	3.15%	0.611%
50	23.833	3543	3548	3555	rBV2	74066	210363	6.96%	1.348%
51	24.703	3690	3696	3707	rVB	101575	300299	9.94%	1.925%
52	24.850	3715	3721	3729	rVB2	99021	247786	8.20%	1.588%
53	29.021	4415	4431	4447	rVB4	646992	3020453	100.00%	19.361%

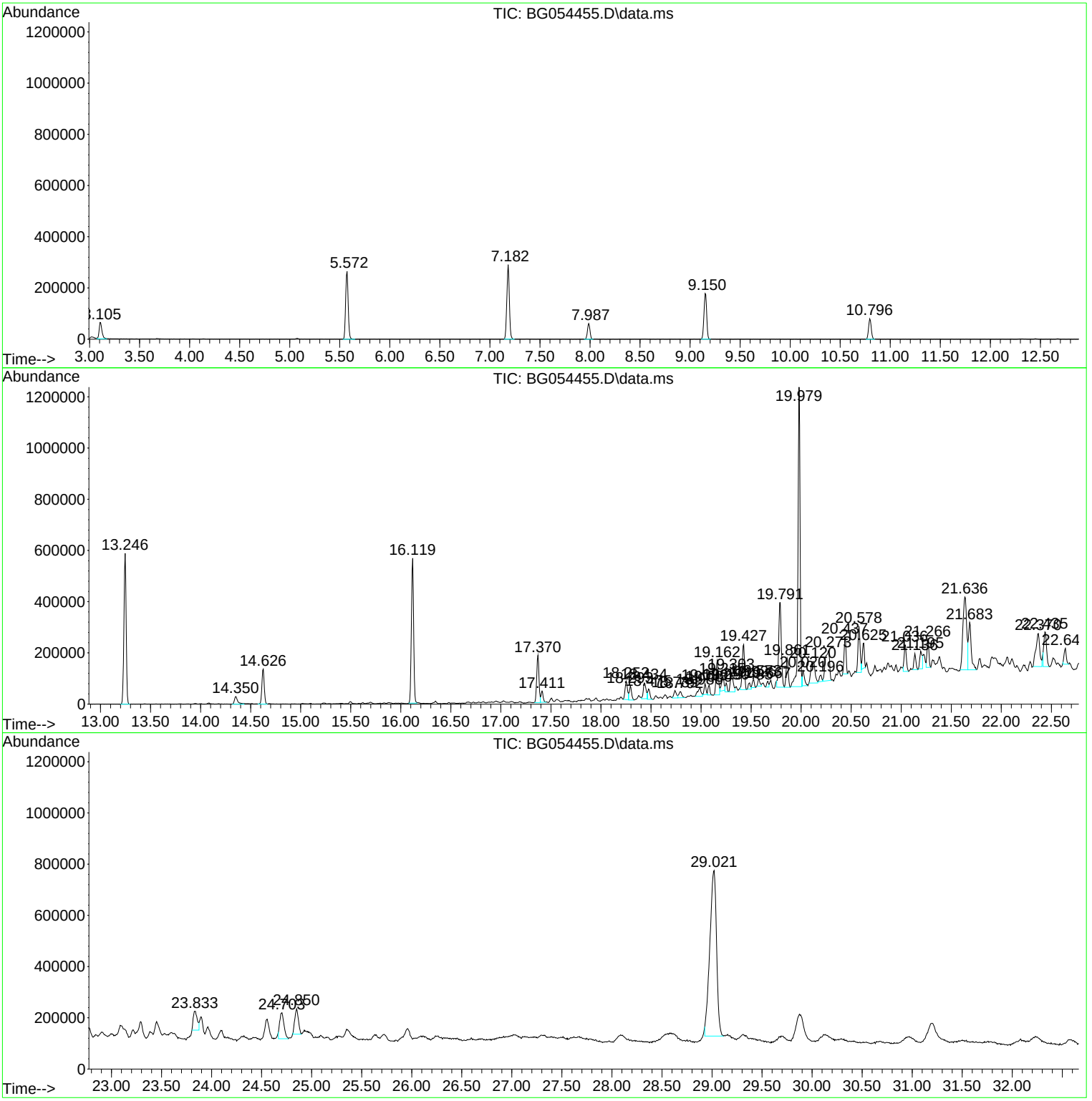
Sum of corrected areas: 15601105

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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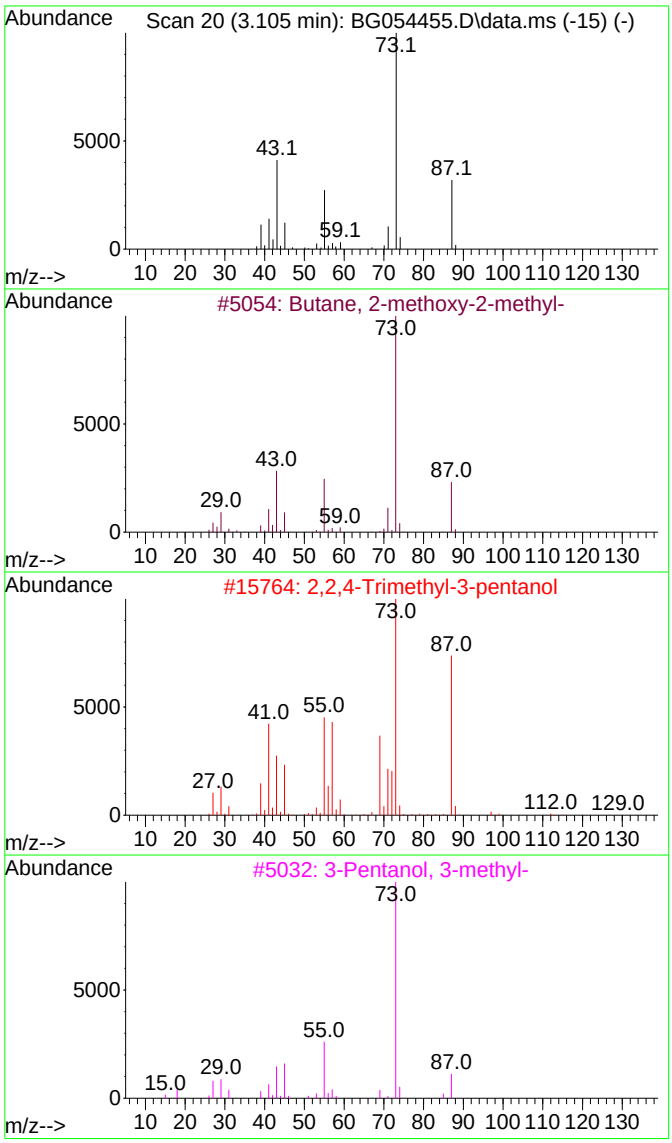
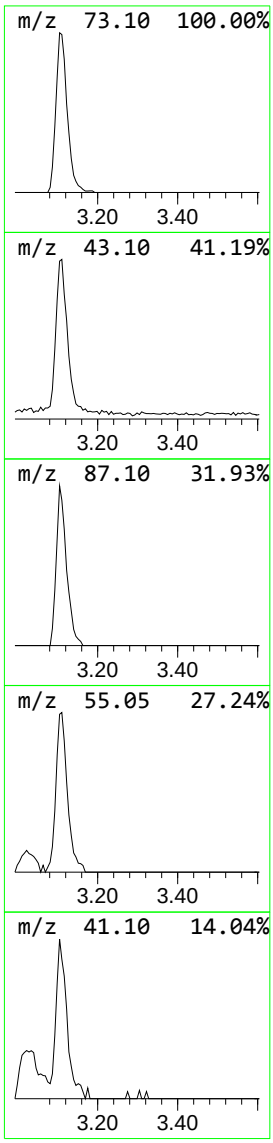
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.105	23.81 ng	124164	1,4-Dichlorobenzene-d4	7.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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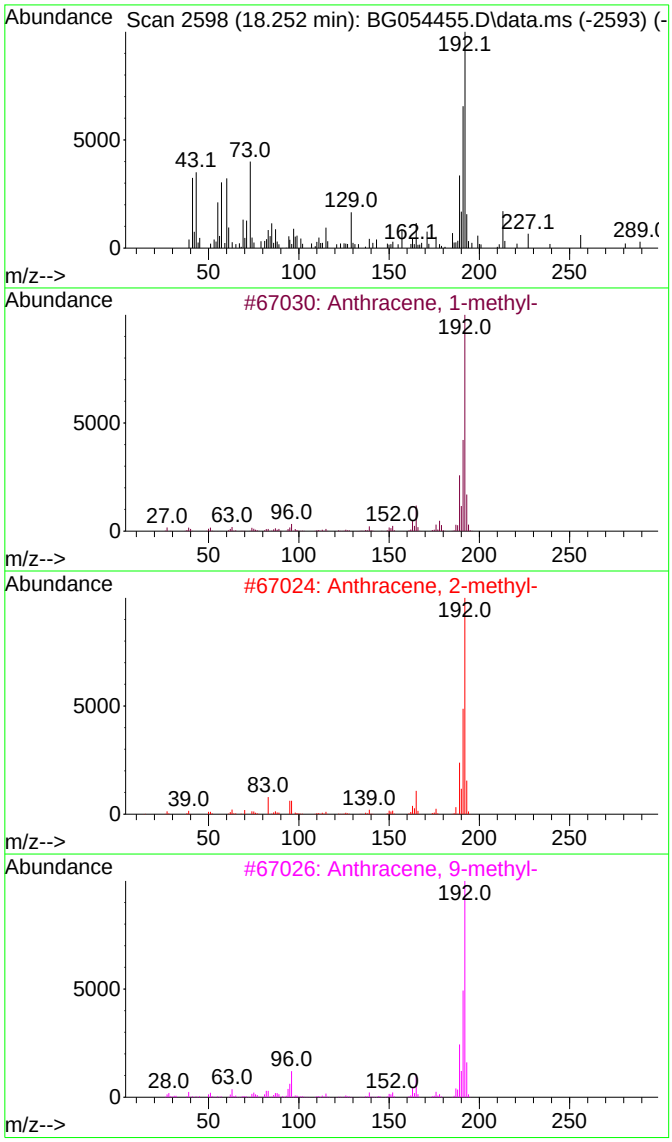
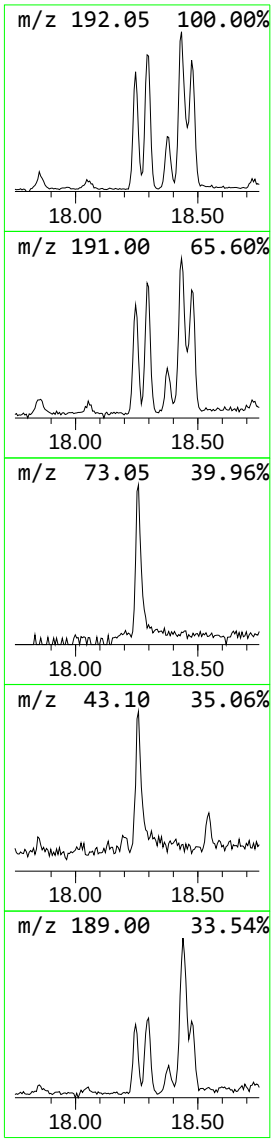
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.252	8.60 ng	126099	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

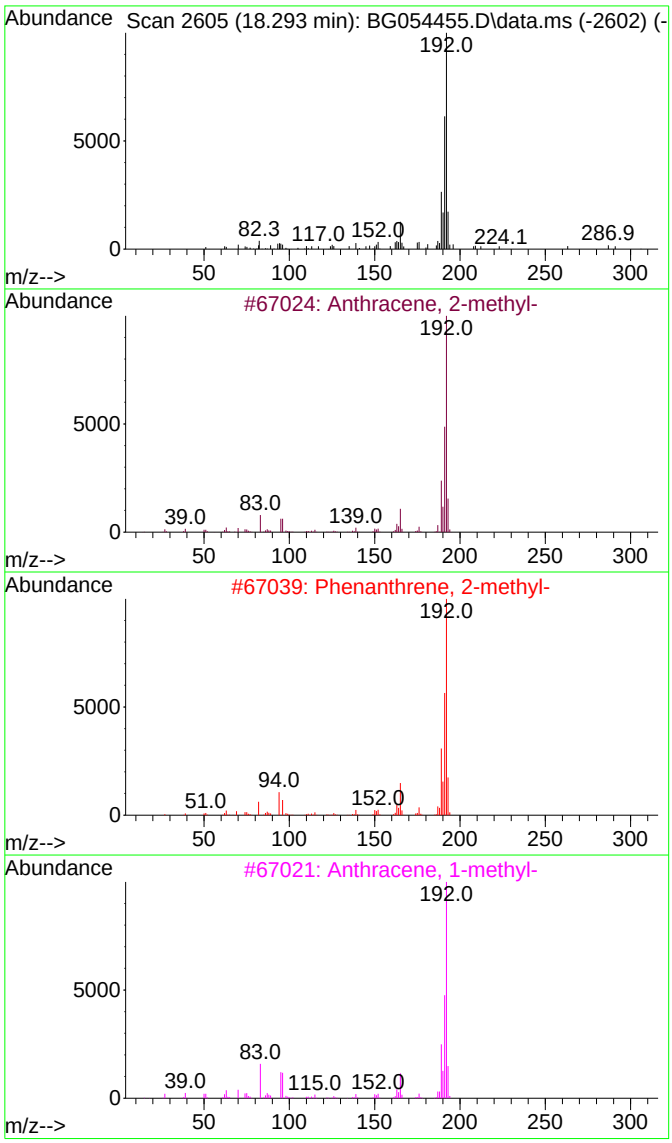
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

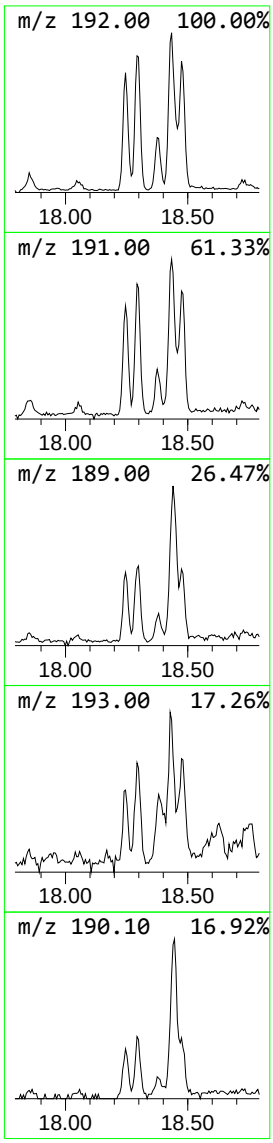
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.293	5.70 ng	83593	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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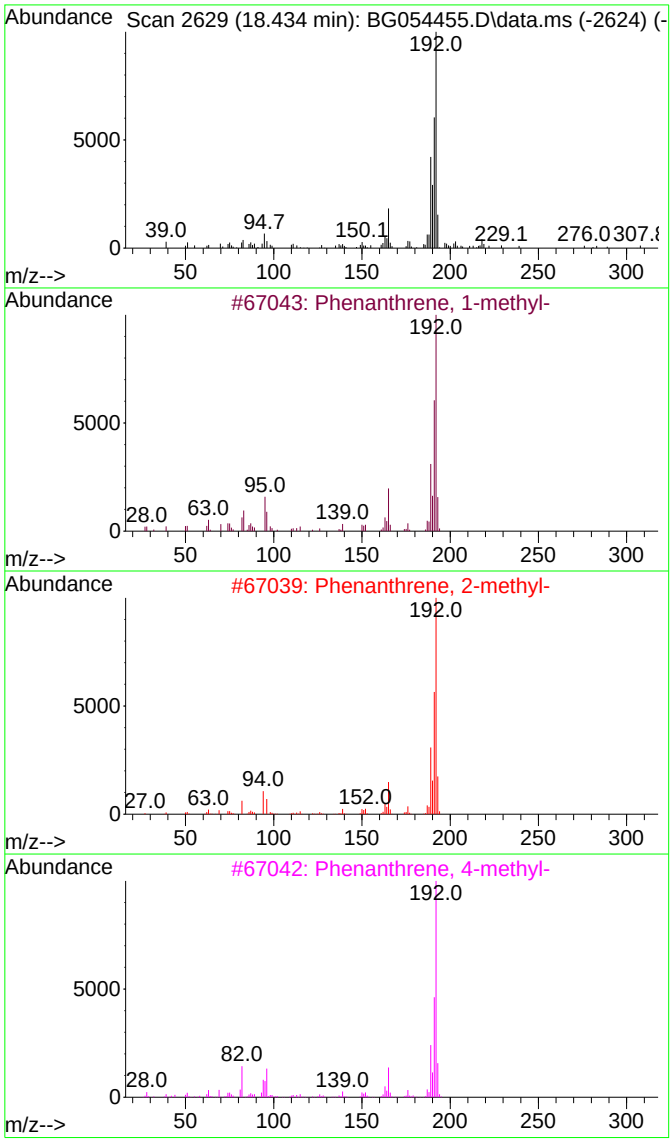
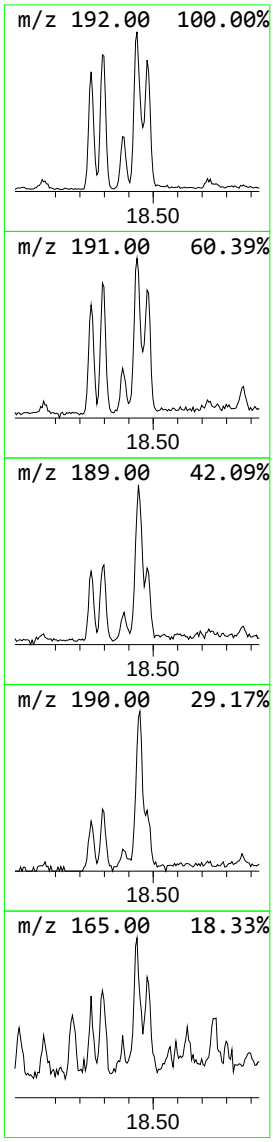
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	8.42 ng	123501	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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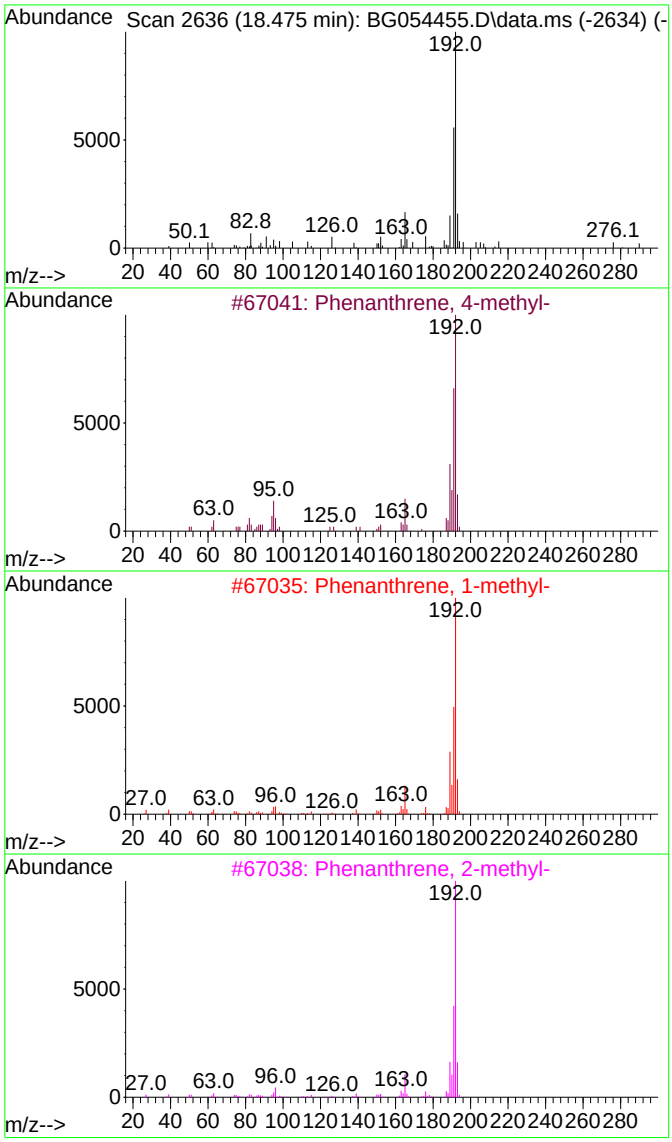
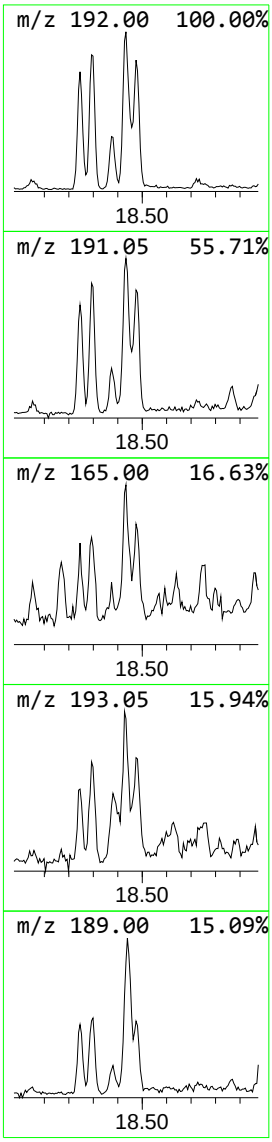
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	3.97 ng	58280	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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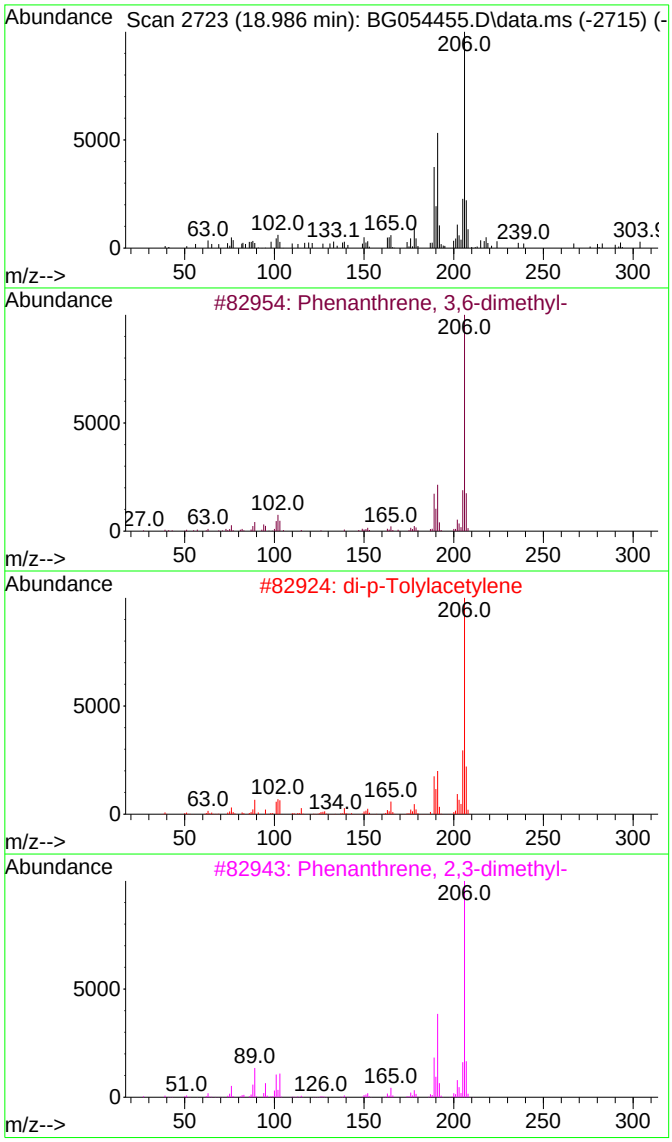
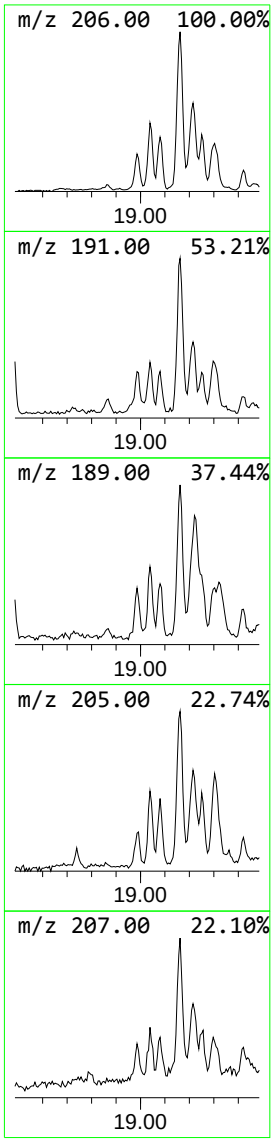
Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	5.56 ng	81596	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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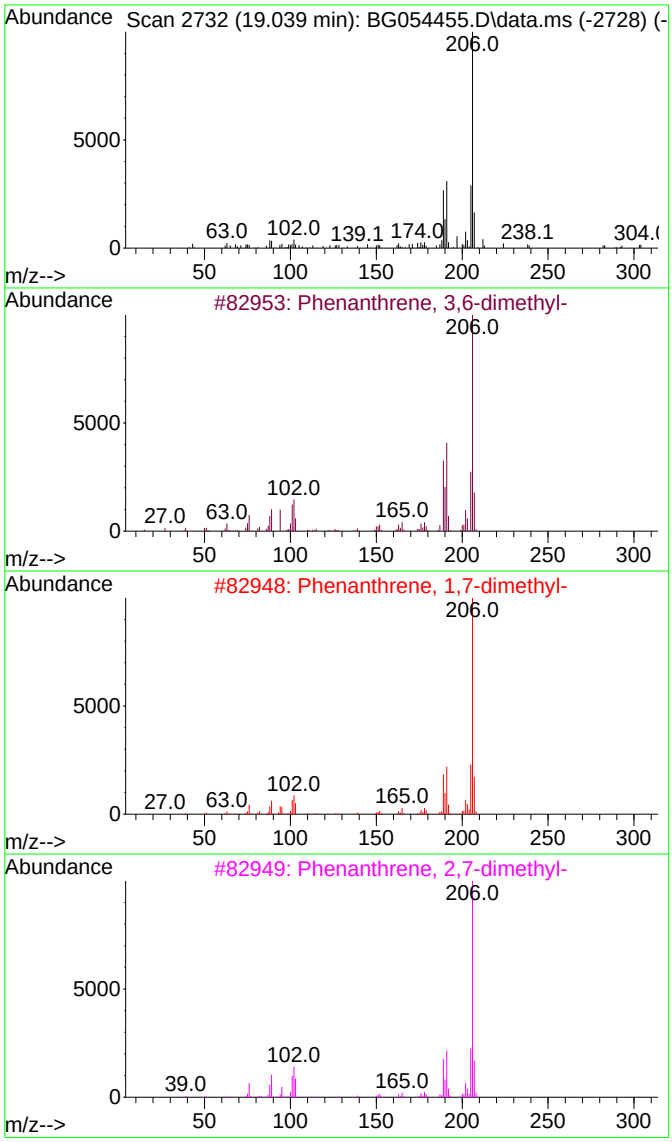
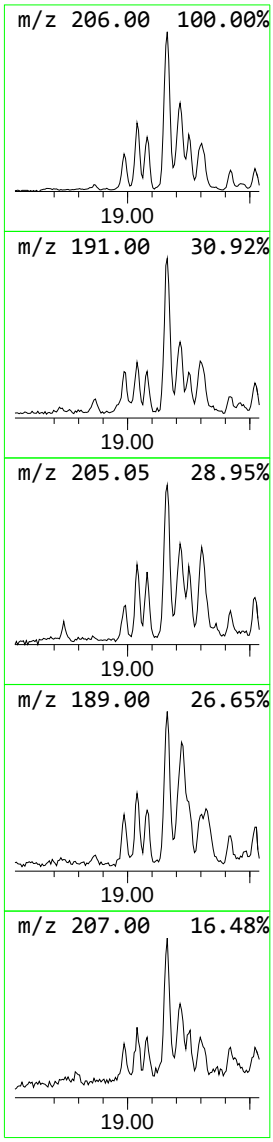
Peak Number 7 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	3.65 ng	53560	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	80
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

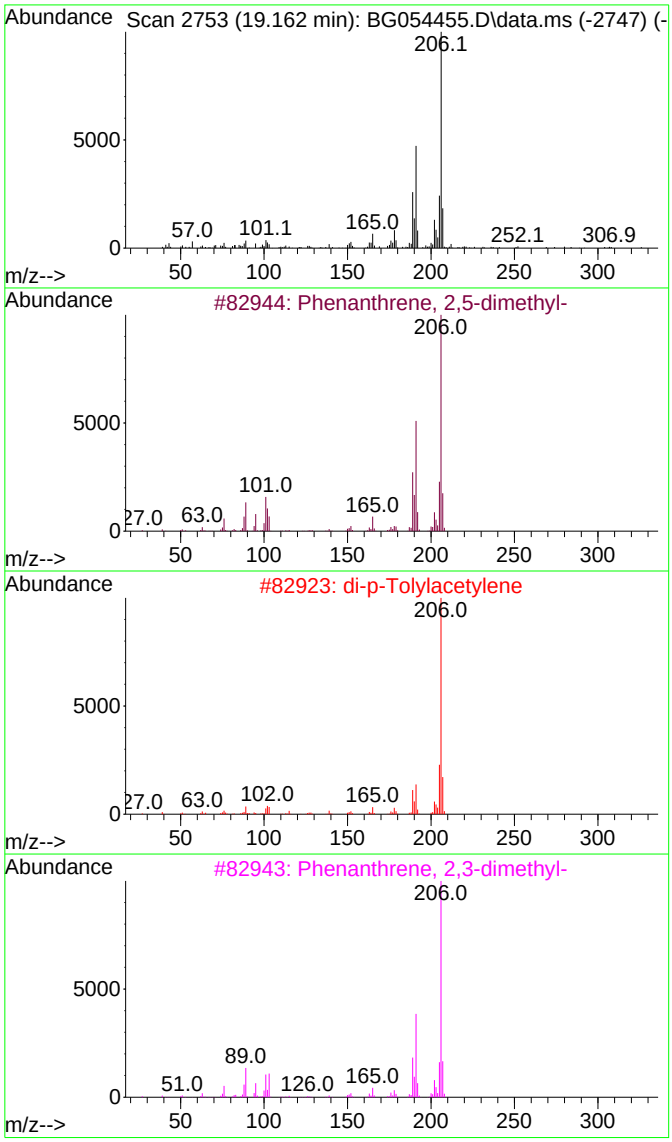
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

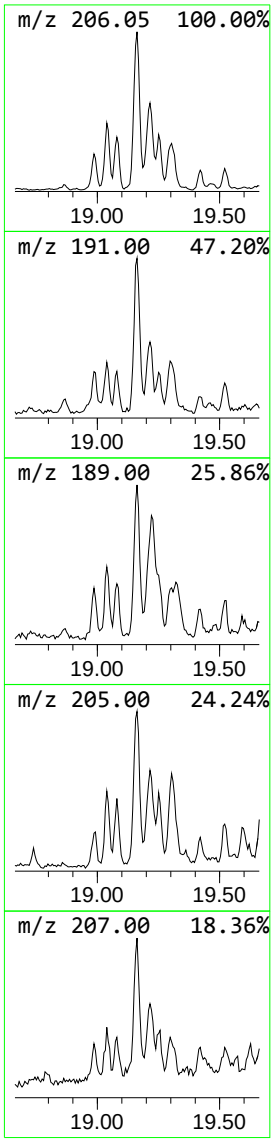
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.162	15.52 ng	227599	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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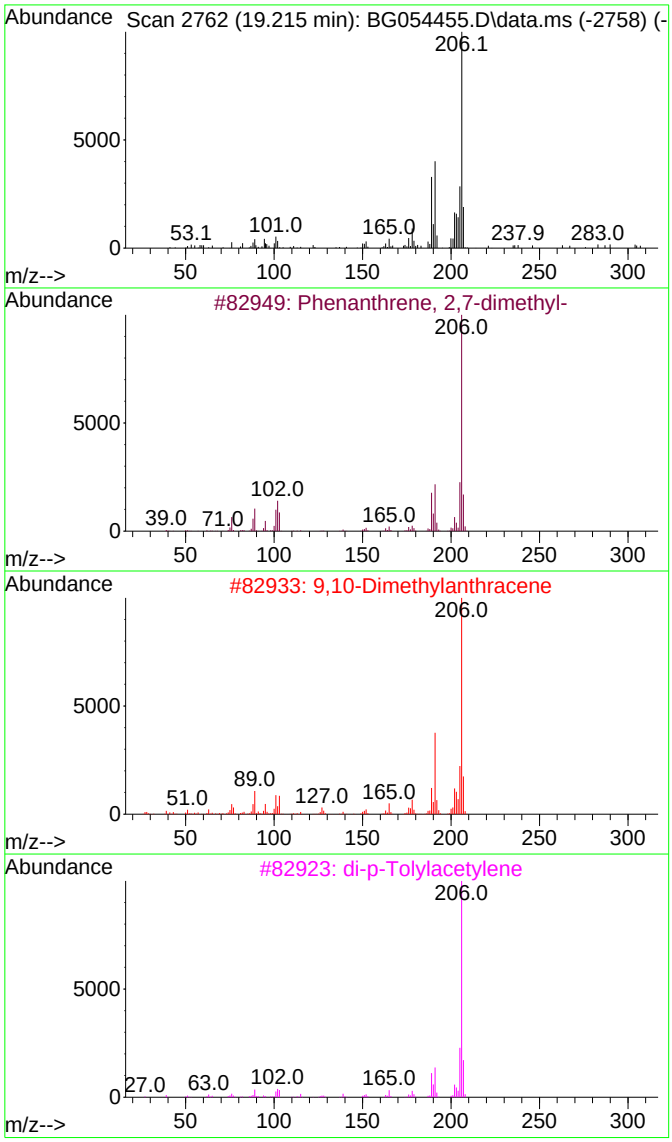
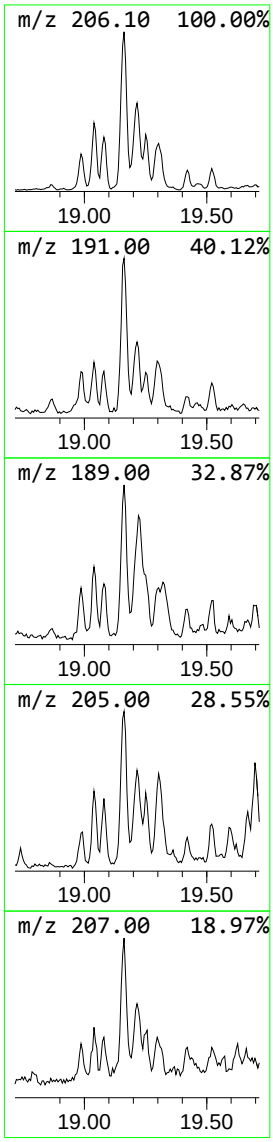
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.215	6.63 ng	97284	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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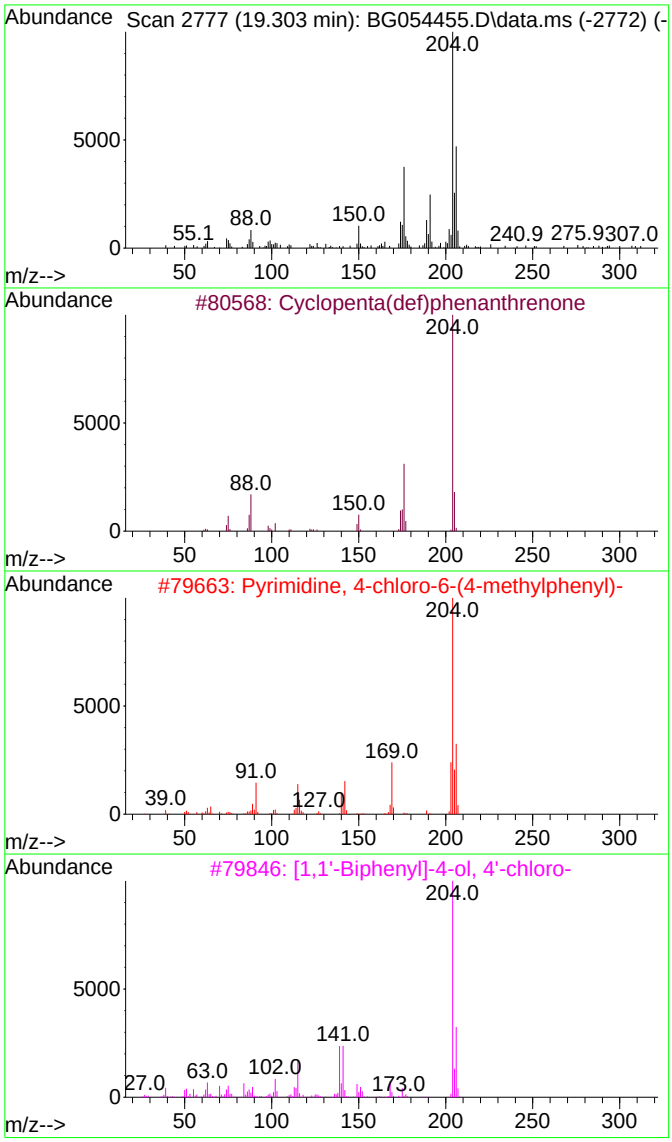
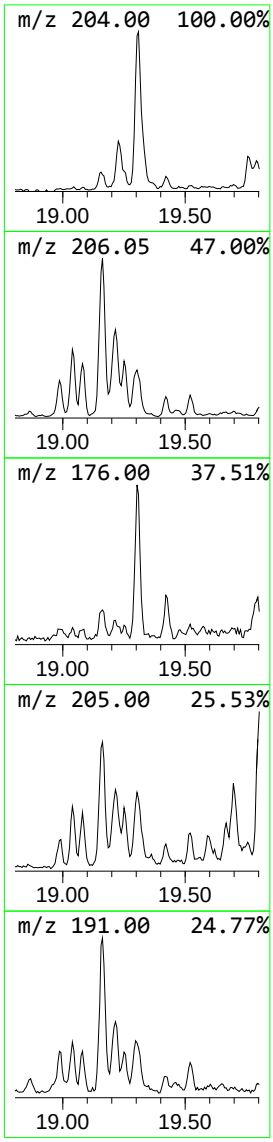
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.303	10.15 ng	148841	Phenanthrene-d10	17.370

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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Misc :
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Instrument :
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ClientSampleId :
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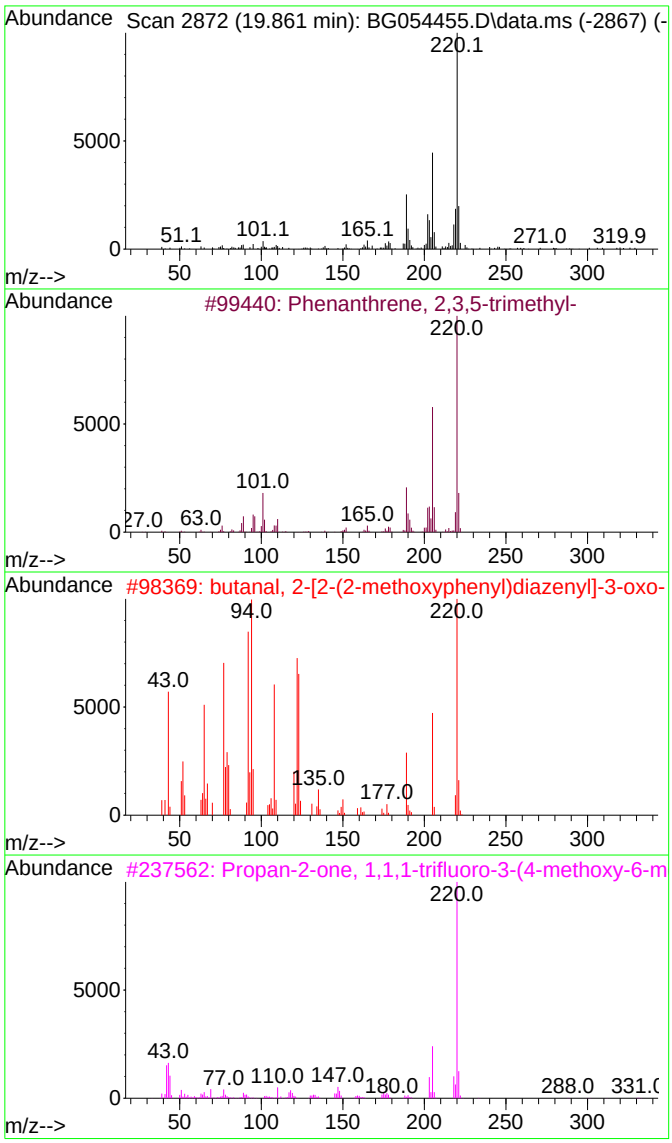
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

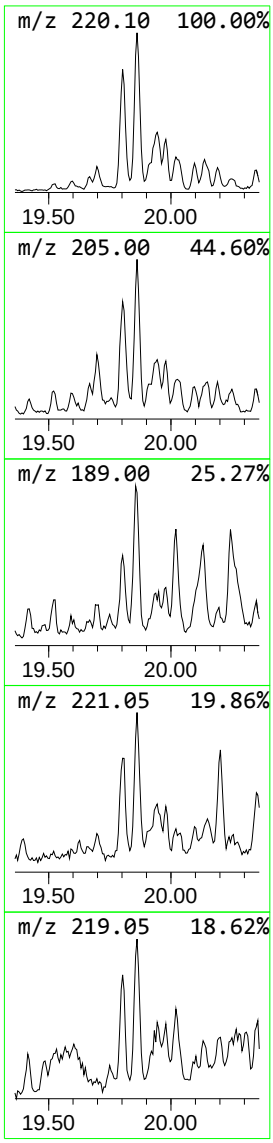
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.861	4.44 ng	167539	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
3	Propan-2-one, 1,1,1-trifluoro-3-...	331	C15H16F3NO4	1000310-90-3	59
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	53
5	Phenylmethylcyanide, .alpha.,.al...	220	C11H12N2O3	1000129-53-0	50





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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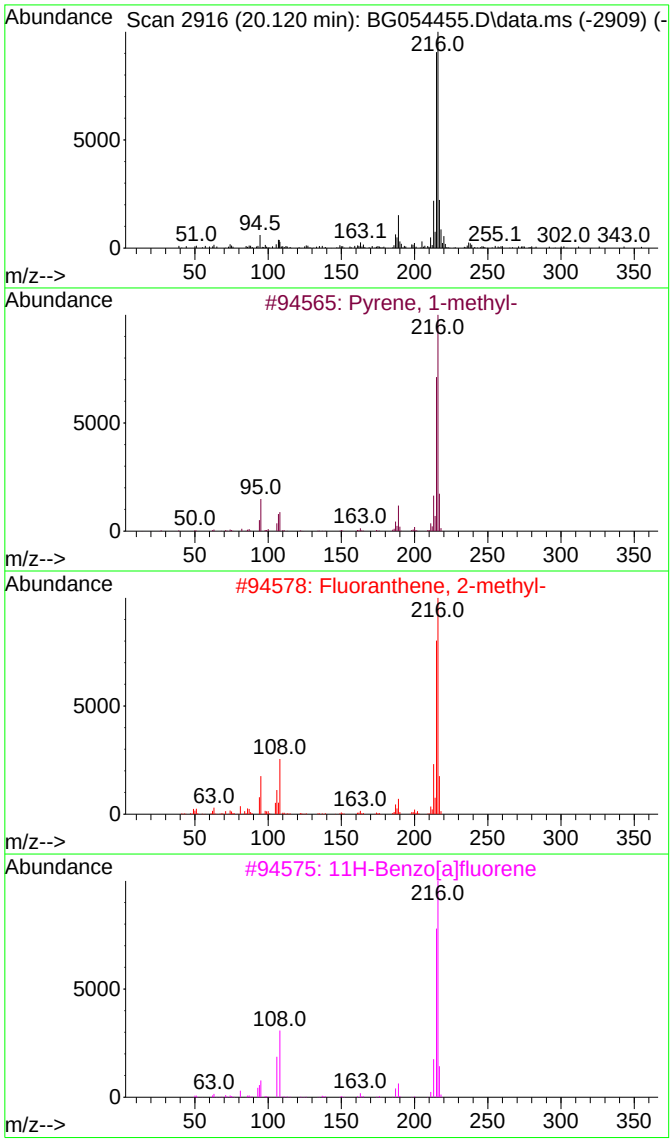
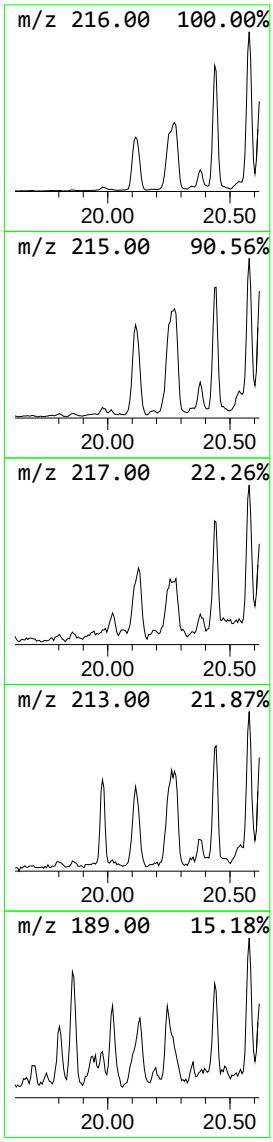
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.120	6.48 ng	244639	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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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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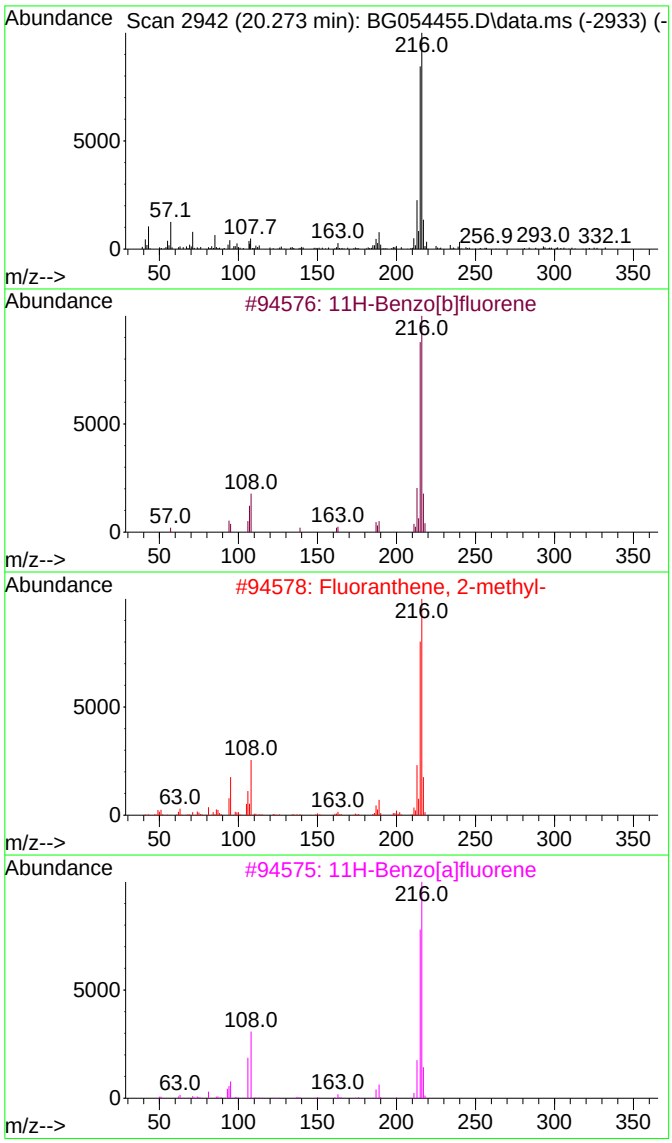
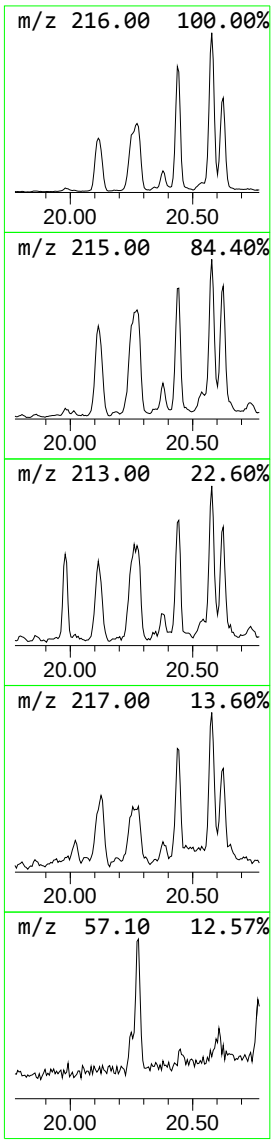
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.273	8.88 ng	335521	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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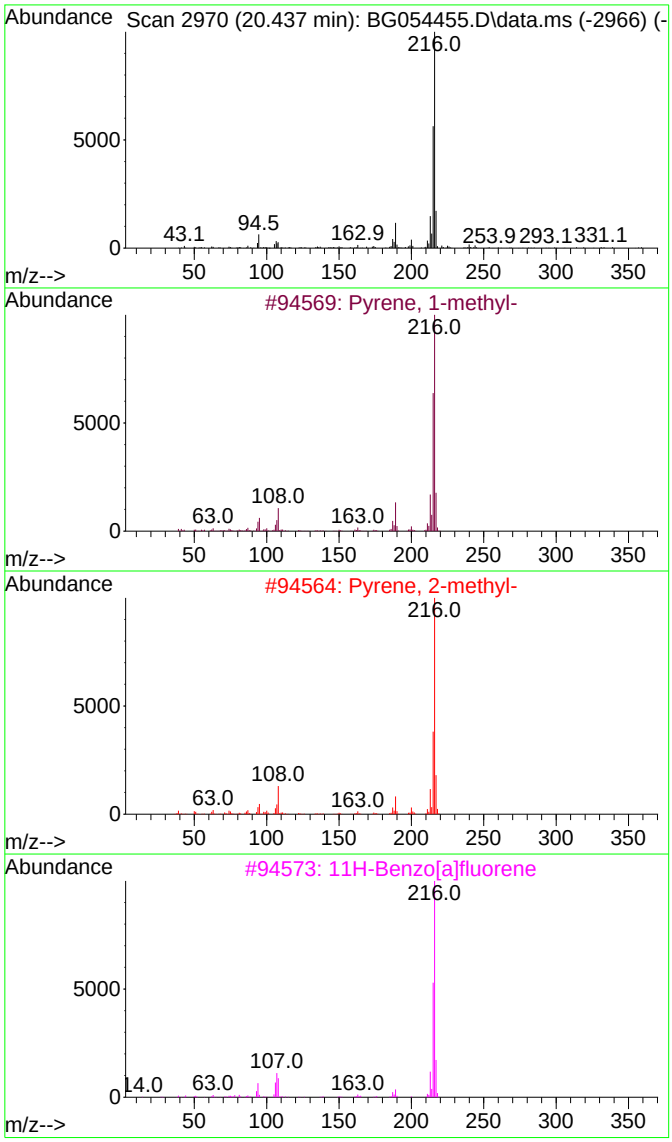
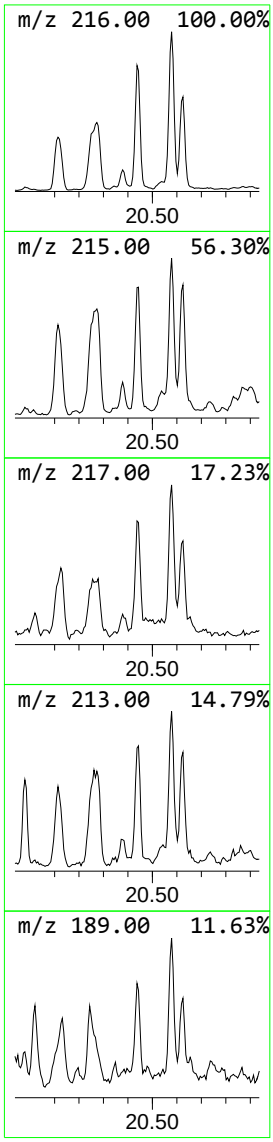
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.437	5.22 ng	197030	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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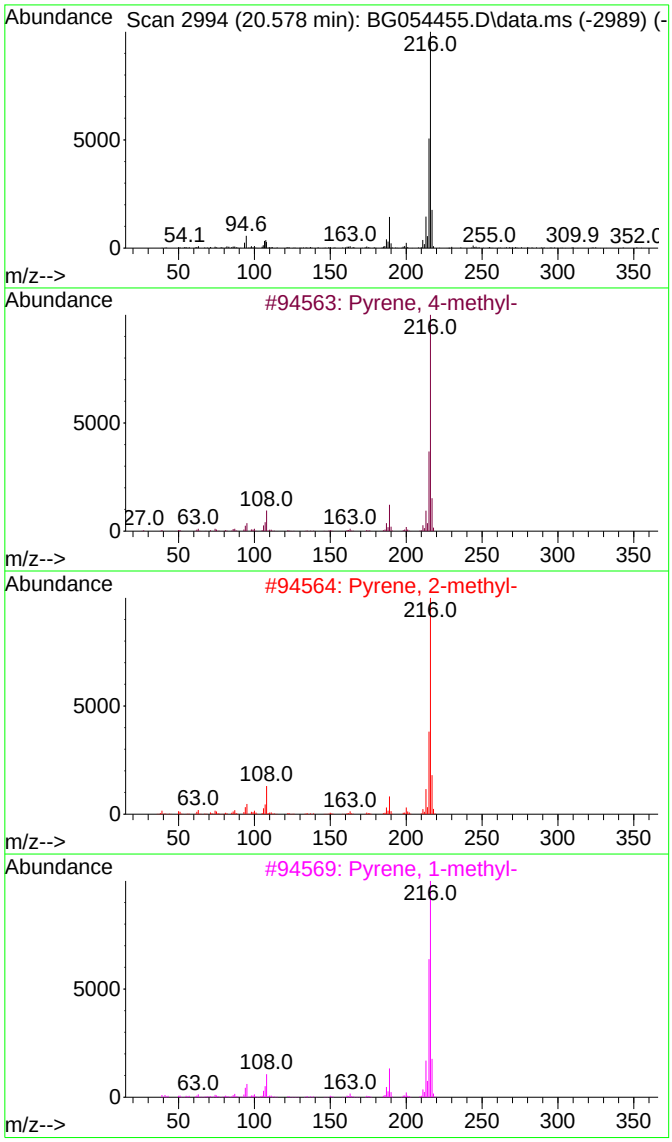
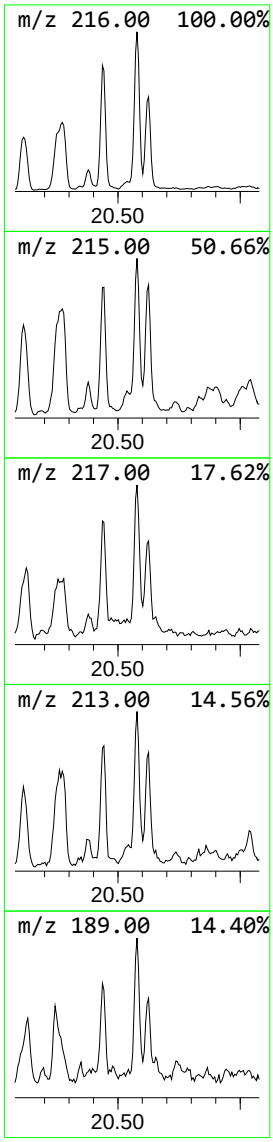
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.578	7.17 ng	270870	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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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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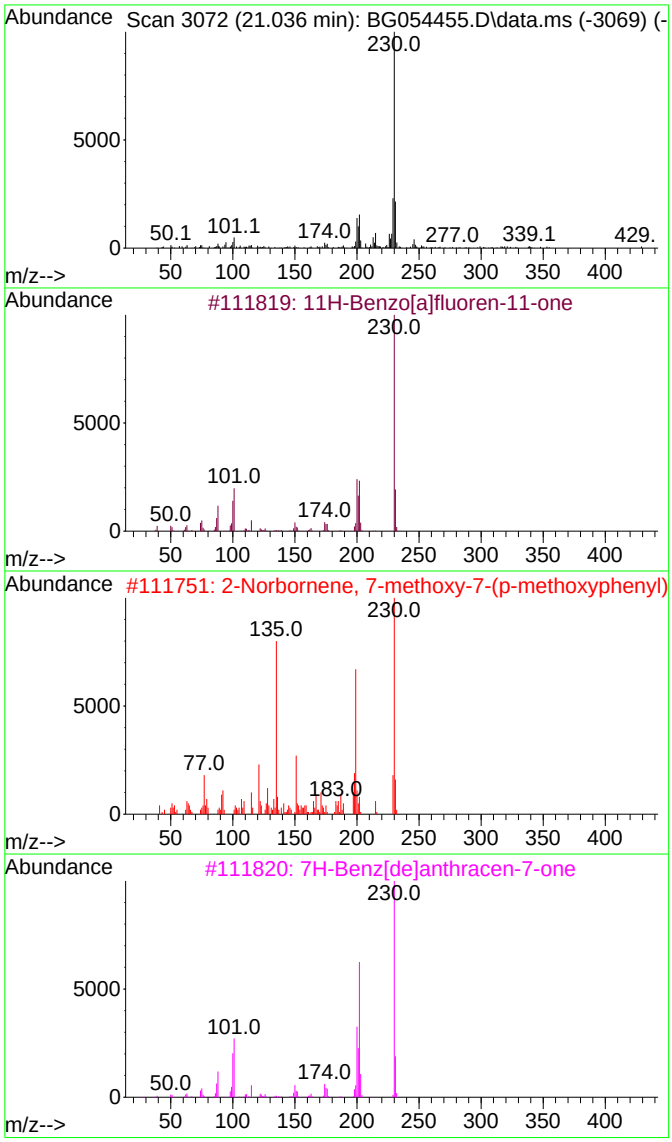
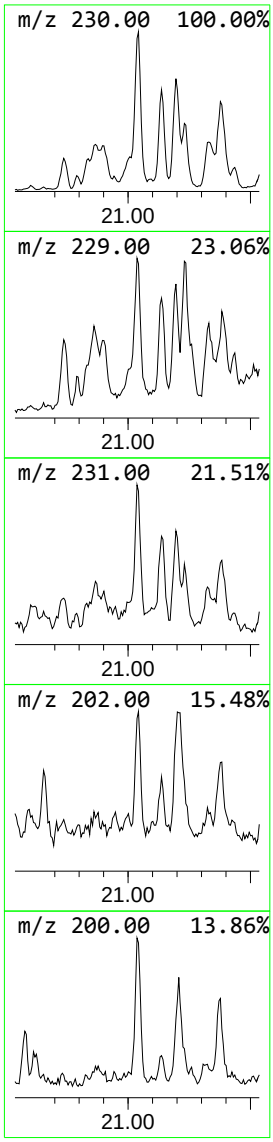
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.037	4.17 ng	157633	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	2-Norbornene, 7-methoxy-7-(p-met...	230	C15H18O2	027999-78-6	86
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	72
5	Visnagin	230	C13H10O4	000082-57-5	64





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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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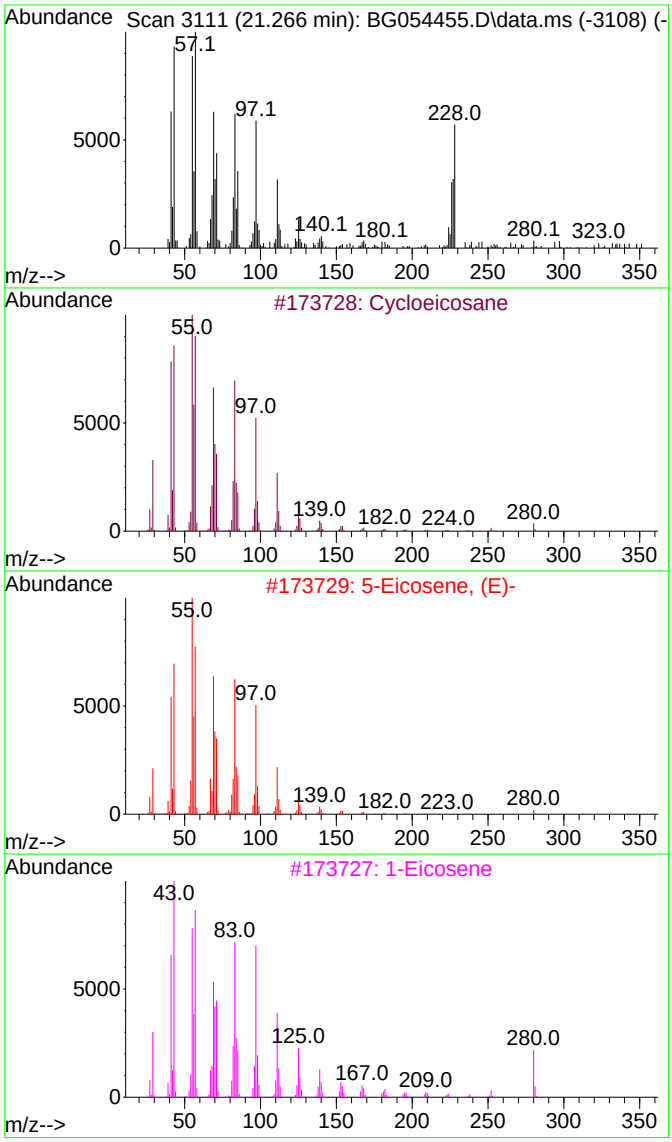
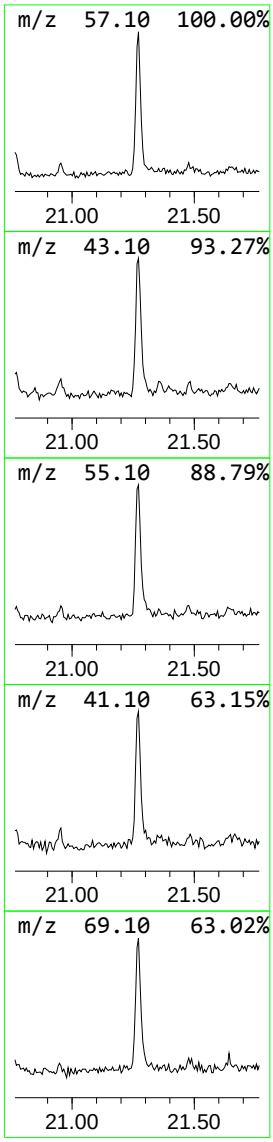
Peak Number 17 Cycloeicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	3.84 ng	145146	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
3	1-Eicosene	280	C20H40	003452-07-1	90
4	1-Docosene	308	C22H44	001599-67-3	89
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	89





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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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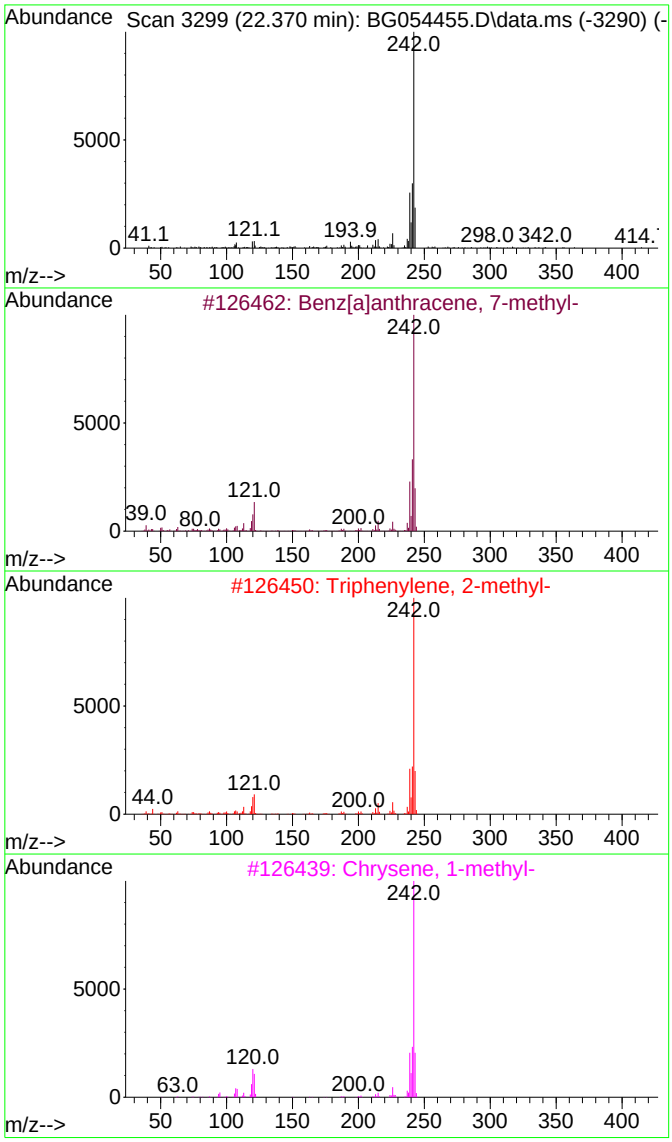
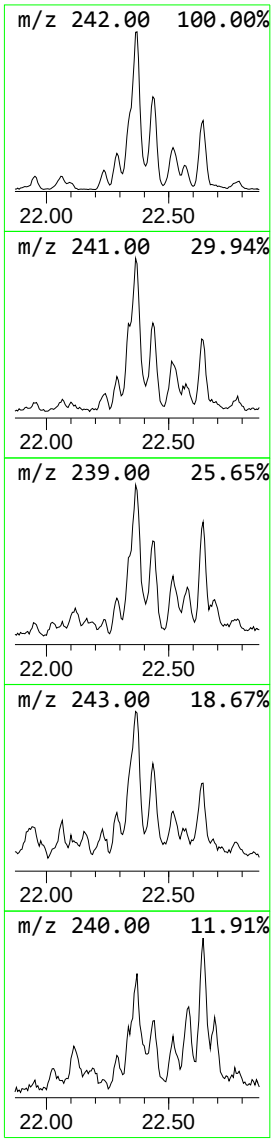
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.370	9.25 ng	349533	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	86
5	2-Methylchrysene	242	C19H14	003351-32-4	81





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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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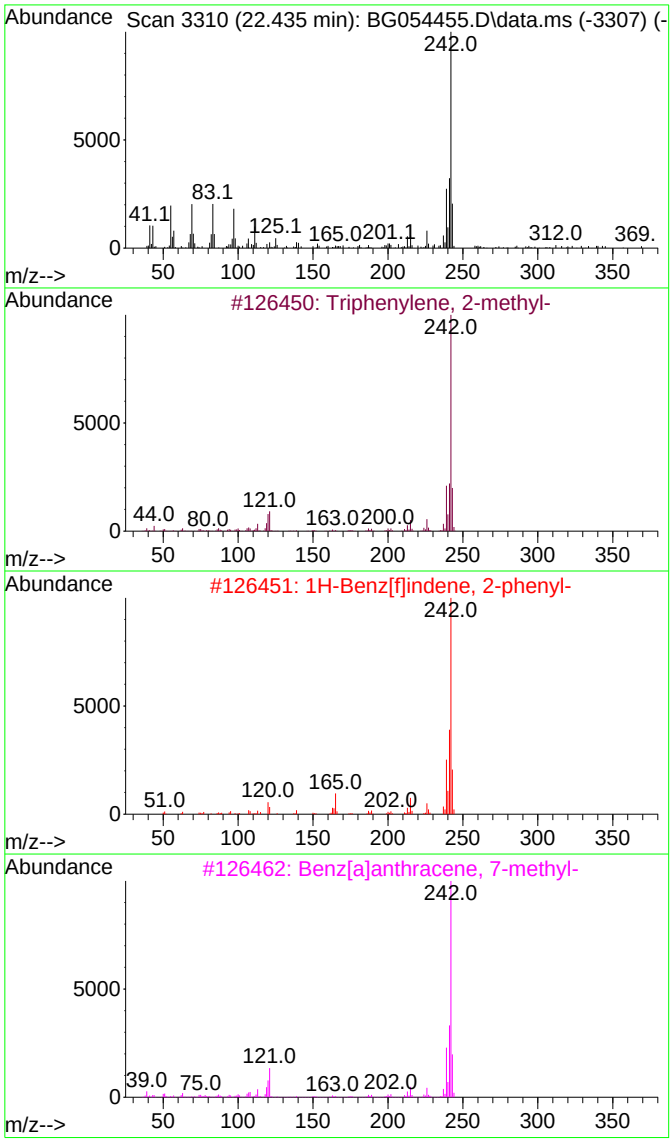
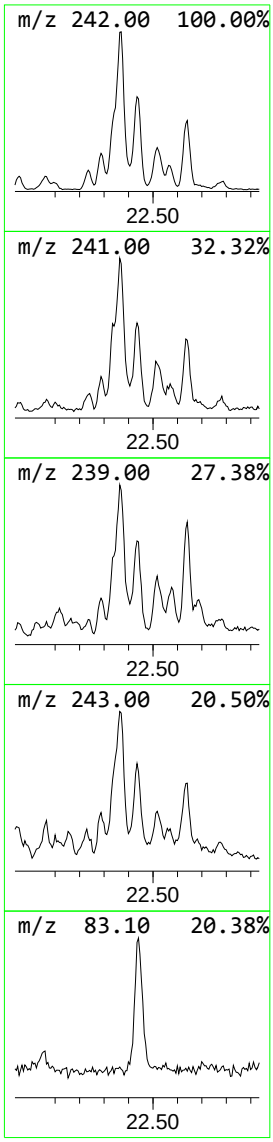
Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.435	6.57 ng	248207	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	83
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	83
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	64
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	64





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ALS Vial : 14 Sample Multiplier: 1

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BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

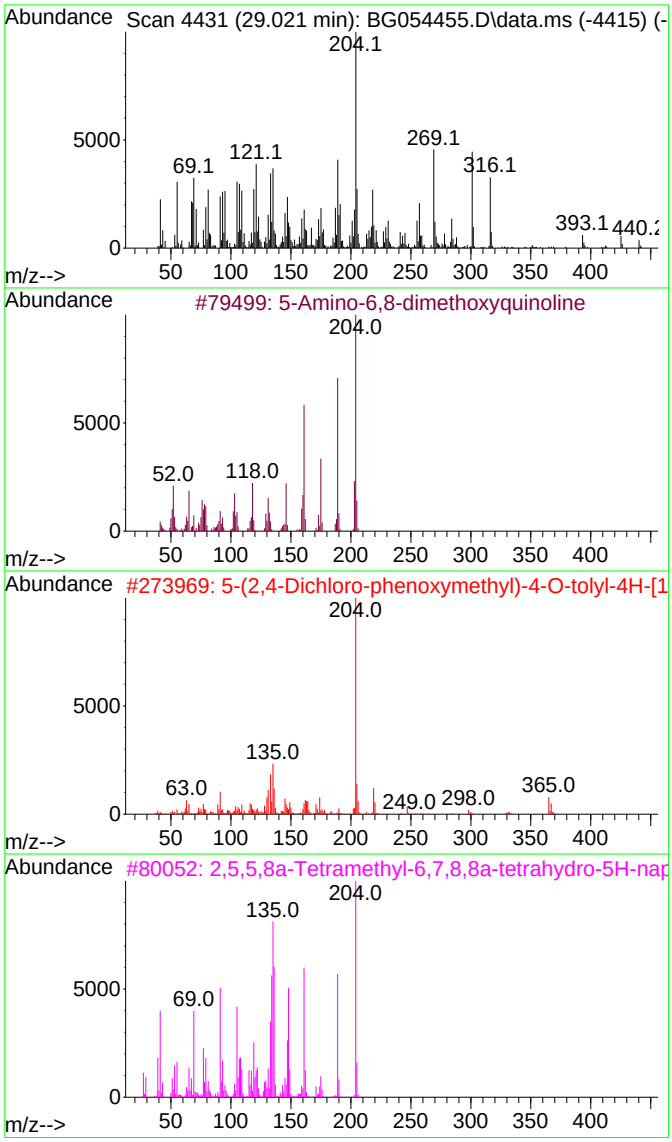
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

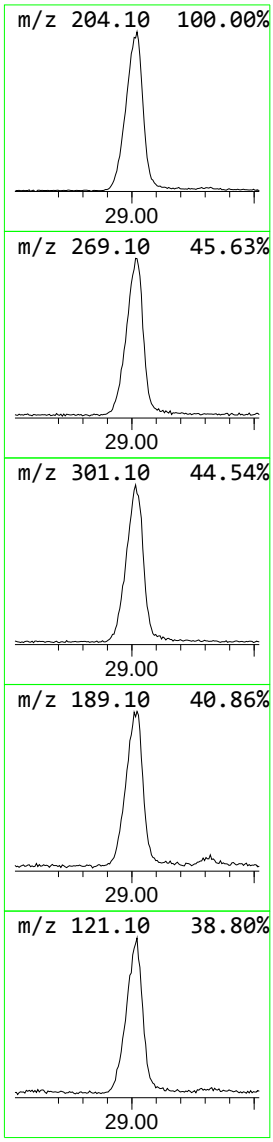
****

Peak Number 20 unknown29.021 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.021	243.79 ng	3020450	Perylene-d12	24.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-6,8-dimethoxyquinoline	204	C11H12N2O2	1000213-95-2	38
2	5-(2,4-Dichloro-phenoxymethyl)-4...	365	C16H13Cl2N3OS	1000296-81-4	35
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	35
4	4,4,5,8-Tetramethyl-chroman-2-one	204	C13H16O2	040662-15-5	35
5	D-Friedoolean-14-ene, 3-methoxy-...	440	C31H52O	014021-23-9	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
Data File : BG054455.D
Acq On : 29 Jul 2022 18:57
Operator : CG/JU
Sample : N3894-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.105	23.8	ng	124164	1	7.987	104282	20.0
Anthracene, 1-m...	18.252	8.6	ng	126099	4	17.370	293384	20.0
Anthracene, 2-m...	18.293	5.7	ng	83593	4	17.370	293384	20.0
Phenanthrene, 1...	18.434	8.4	ng	123501	4	17.370	293384	20.0
Phenanthrene, 4...	18.475	4.0	ng	58280	4	17.370	293384	20.0
Phenanthrene, 3...	18.986	5.6	ng	81596	4	17.370	293384	20.0
Phenanthrene, 1...	19.039	3.6	ng	53560	4	17.370	293384	20.0
Phenanthrene, 2...	19.162	15.5	ng	227599	4	17.370	293384	20.0
Phenanthrene, 2...	19.215	6.6	ng	97284	4	17.370	293384	20.0
Cyclopenta(def)...	19.303	10.2	ng	148841	4	17.370	293384	20.0
Phenanthrene, 2...	19.861	4.4	ng	167539	5	21.642	755383	20.0
Pyrene, 1-methyl-	20.120	6.5	ng	244639	5	21.642	755383	20.0
11H-Benzo[b]flu...	20.273	8.9	ng	335521	5	21.642	755383	20.0
Pyrene, 2-methyl-	20.437	5.2	ng	197030	5	21.642	755383	20.0
Pyrene, 4-methyl-	20.578	7.2	ng	270870	5	21.642	755383	20.0
11H-Benzo[a]flu...	21.037	4.2	ng	157633	5	21.642	755383	20.0
Cycloeicosane	21.266	3.8	ng	145146	5	21.642	755383	20.0
Benz[a]anthrace...	22.370	9.3	ng	349533	5	21.642	755383	20.0
Triphenylene, 2...	22.435	6.6	ng	248207	5	21.642	755383	20.0
unknown29.021	29.021	243.8	ng	3020450	6	24.850	247786	20.0