LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.133	3	7	15	rVB2	83944	157408	3.75%	0.496%
2	5.524	407	414	426	rBV	521556	852576	20.34%	2.685%
3	7.116	675	685	697	rBV	593325	1066452	25.44%	3.359%
4	7.951	820	827	838	rBV	157355	264008	6.30%	0.832%
5	9.114	1016	1025	1033	rBV	385774	709919	16.93%	2.236%
6	10.753	1295	1304	1319	rVB2	191910	359929	8.59%	1.134%
7	13.209	1714	1722	1735	rBV	1307196	2053006	48.97%	6.467%
8	14.590	1950	1957	1963	rBV	365841	566829	13.52%	1.785%
9	16.076	2202	2210	2219	rBV	1269179	1941079	46.30%	6.114%
10	16.987	2360	2365	2371	rBV	83297	135774	3.24%	0.428%
11	17.157	2390	2394	2399	rVB	26793	44539	1.06%	0.140%
12	17.340	2418	2425	2428	rBV	584483	845393	20.17%	2.663%
13	17.381	2428	2432	2438	rVV	487021	711531	16.97%	2.241%
14	17.469	2442	2447	2452	rVB	43152	88085	2.10%	0.277%
15	17.739	2485	2493	2497	rBV3	69144	129708	3.09%	0.409%
16	17.915	2520	2523	2528	rVB2	42414	58913	1.41%	0.186%
17	18.221	2569	2575	2579	rBV3	147406	277594	6.62%	0.874%
18	18.262	2579	2582	2587	rVB	155073	230070	5.49%	0.725%
19	18.403	2601	2606	2610	rBV2	78879	136223	3.25%	0.429%
20	18.444	2610	2613	2619	rVB2	76291	109821	2.62%	0.346%
21	18.714	2654	2659	2662	rBV	112277	163694	3.90%	0.516%
22	18.750	2662	2665	2673	rVB	107962	175962	4.20%	0.554%
23	19.137	2725	2731	2736	rBV2	121828	222892	5.32%	0.702%
24	19.273	2750	2754	2758	rBV	222464	294824	7.03%	0.929%
25	19.396	2770	2775	2781	rVB	1700363	2306314	55.01%	7.264%
26	19.496	2788	2792	2795	rBV4	44660	65928	1.57%	0.208%
27	19.543	2798	2800	2804	rVB2	41786	44384	1.06%	0.140%
28	19.590	2804	2808	2811	rBV5	40926	58333	1.39%	0.184%
29	19.725	2826	2831	2833	rBV	238266	325492	7.76%	1.025%
30	19.760	2833	2837	2843	rVV	1325253	1842444	43.95%	5.803%
31	19.831	2845	2849	2854	rVB2	113534	180051	4.29%	0.567%
32	19.960	2863	2871	2875	rBV	3182859	4192190	100.00%	13.205%
33	20.083	2886	2892	2900	rBV4	134292	369302	8.81%	1.163%
34	20.407	2942	2947	2952	rVB2	158419	278913	6.65%	0.879%
35	20.548	2969	2971	2975	rVB2	69537	79745	1.90%	0.251%
36	21.006	3045	3049	3057	rBV	430708	633229	15.10%	1.995%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.188	3075	3080	3084	rVB2	129934	261536	6.24%	0.824%
38	21.241	3085	3089	3092	rBV2	139521	243877	5.82%	0.768%
39	21.341	3102	3106	3112	rVB	319566	504606	12.04%	1.589%
40	21.599	3144	3150	3156	rBV3	1152293	2908280	69.37%	9.161%
41	21.658	3156	3160	3169	rVB	854305	1419434	33.86%	4.471%
42	23.791	3517	3523	3531	rBV2	516740	1587351	37.86%	5.000%
43	24.508	3640	3645	3658	rVB	295744	833431	19.88%	2.625%
44	24.649	3664	3669	3682	rVB	393510	1034945	24.69%	3.260%
45	24.807	3689	3696	3704	rBV	370681	981883	23.42%	3.093%

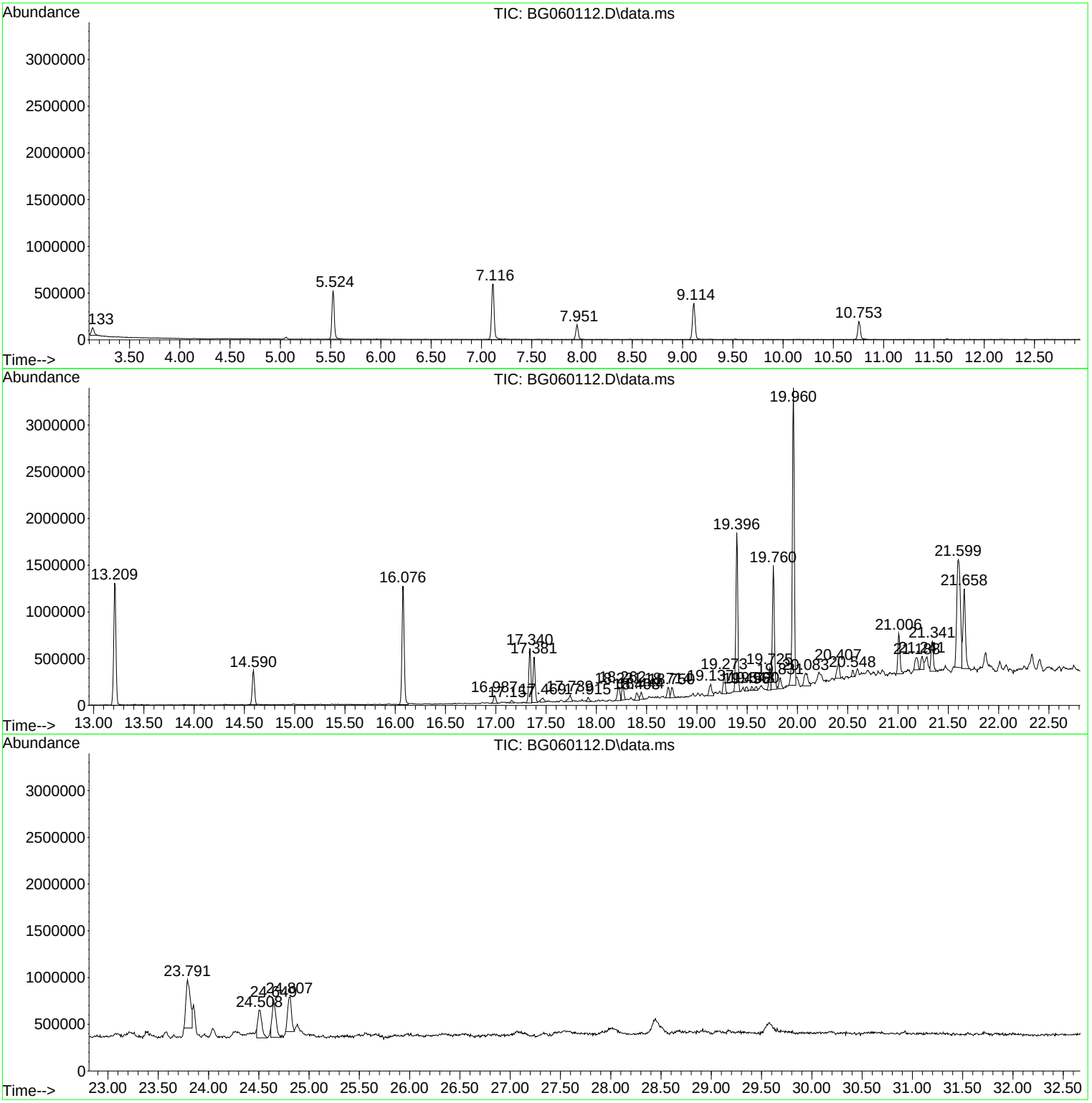
Sum of corrected areas: 31747897

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

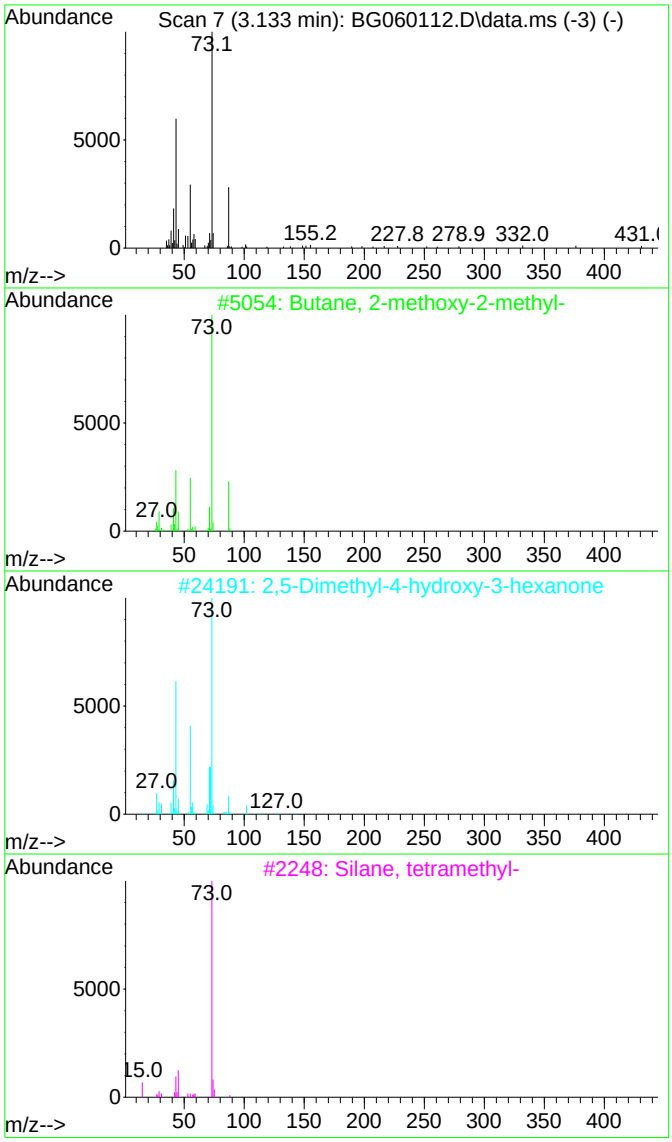
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

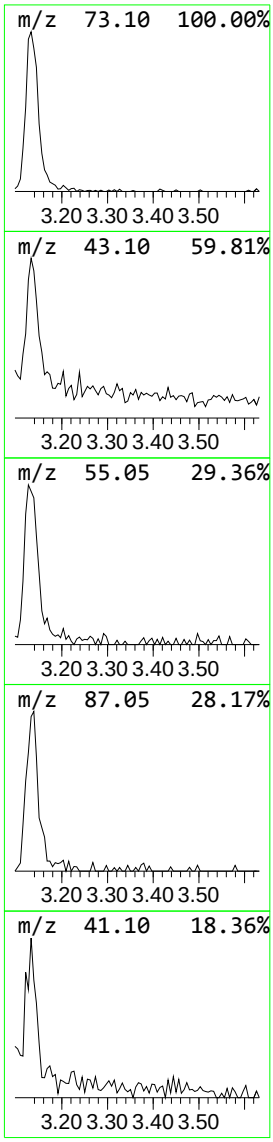
****

Peak Number 1 unknown3.133 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.133	11.92 ng	157408	1,4-Dichlorobenzene-d4	7.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	12
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Butylmethylsilane	102	C5H14Si	018143-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

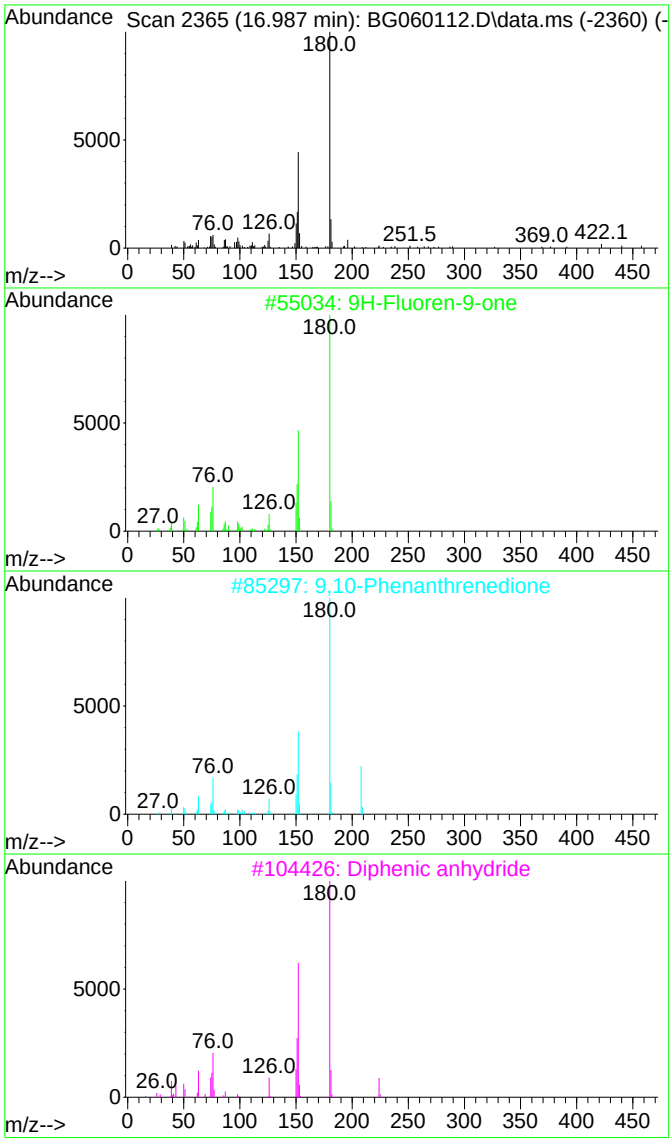
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

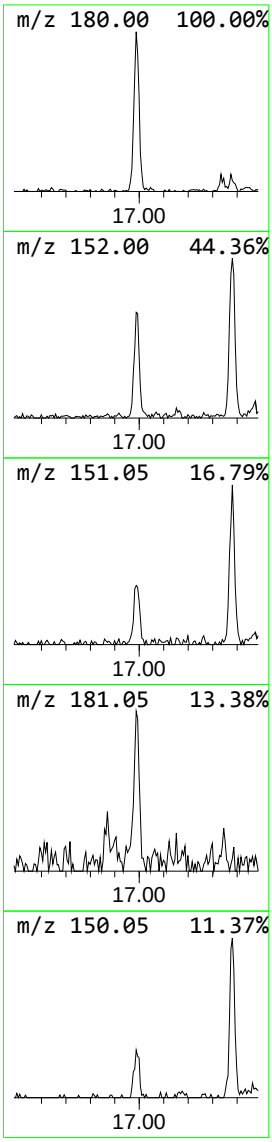
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.987	3.21 ng	135774	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	Diphenic anhydride	224	C14H8O3	006050-13-1	78
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	58
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

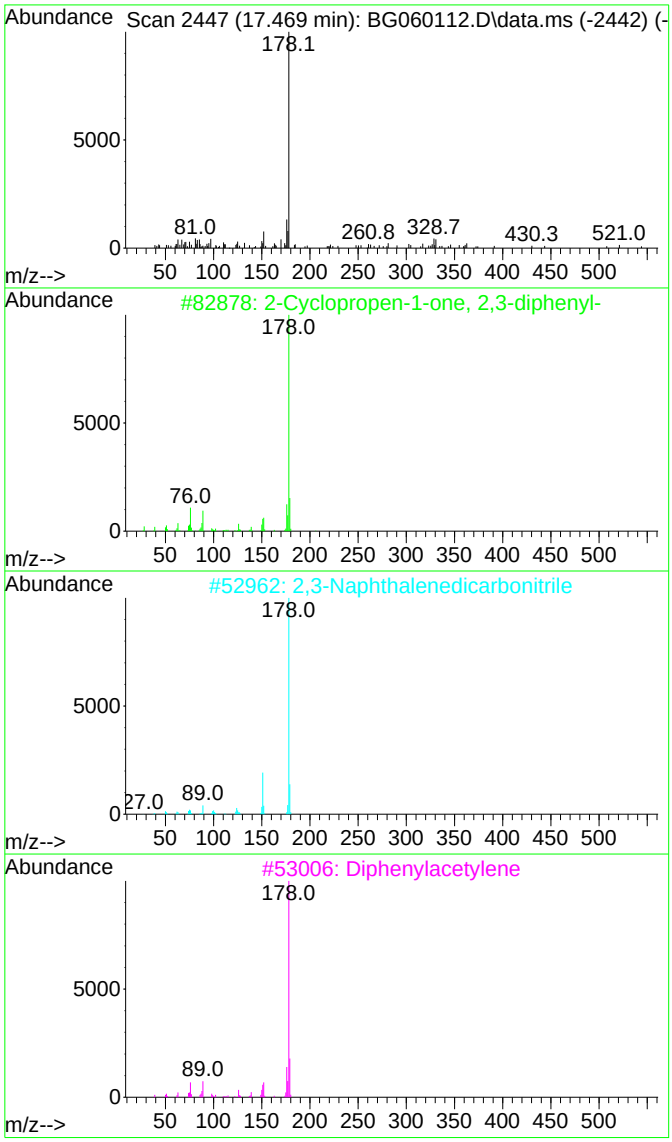
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

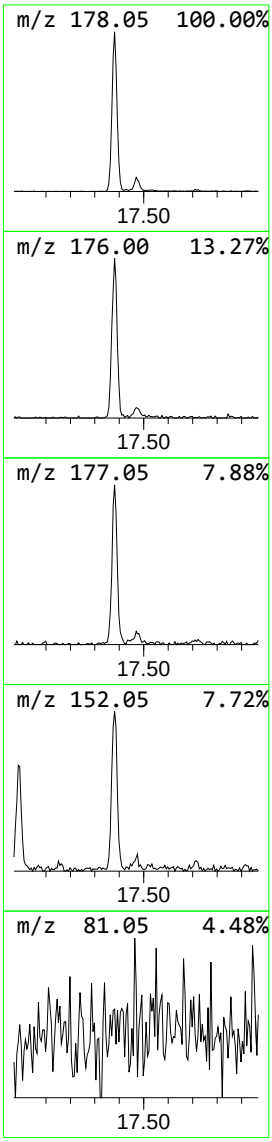
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Cyclopropen-1-one, 2,3-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.469	2.08 ng	88085	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	59
2	2,3-Naphthalenedicarbonitrile	178	C12H6N2	022856-30-0	58
3	Diphenylacetylene	178	C14H10	000501-65-5	53
4	Anthracene	178	C14H10	000120-12-7	53
5	Phenanthrene	178	C14H10	000085-01-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

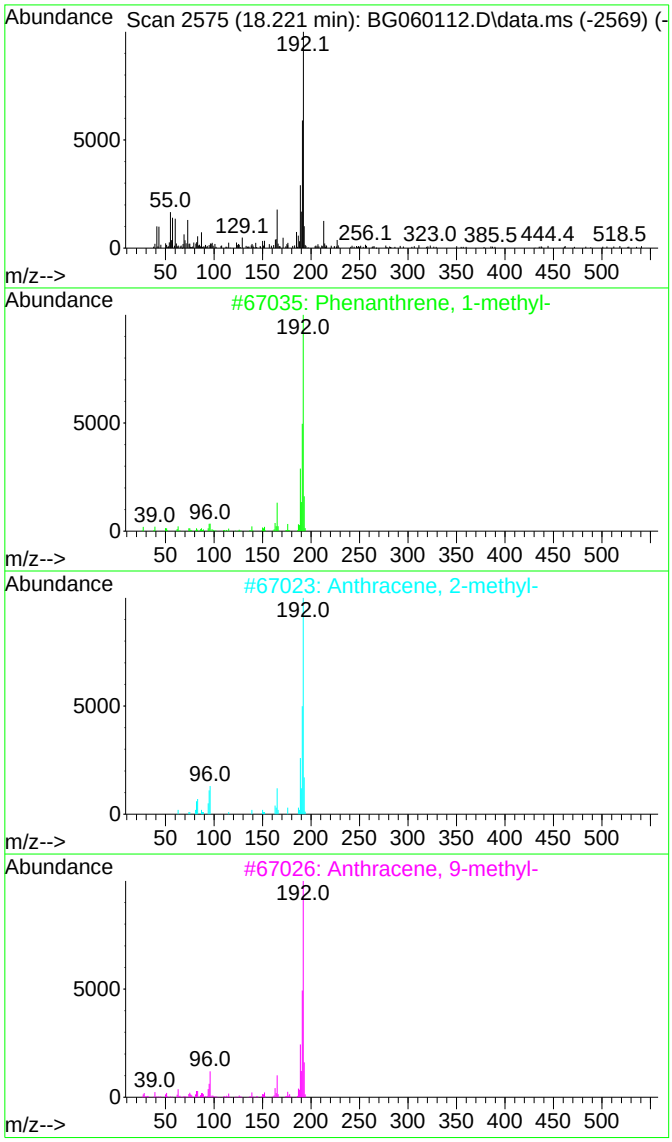
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

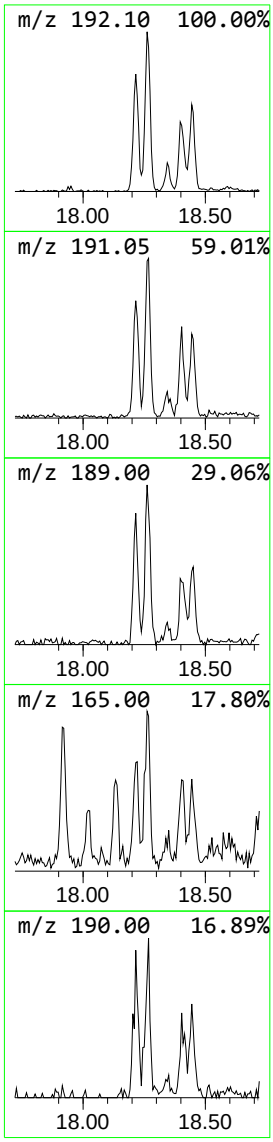
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	6.57 ng	277594	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

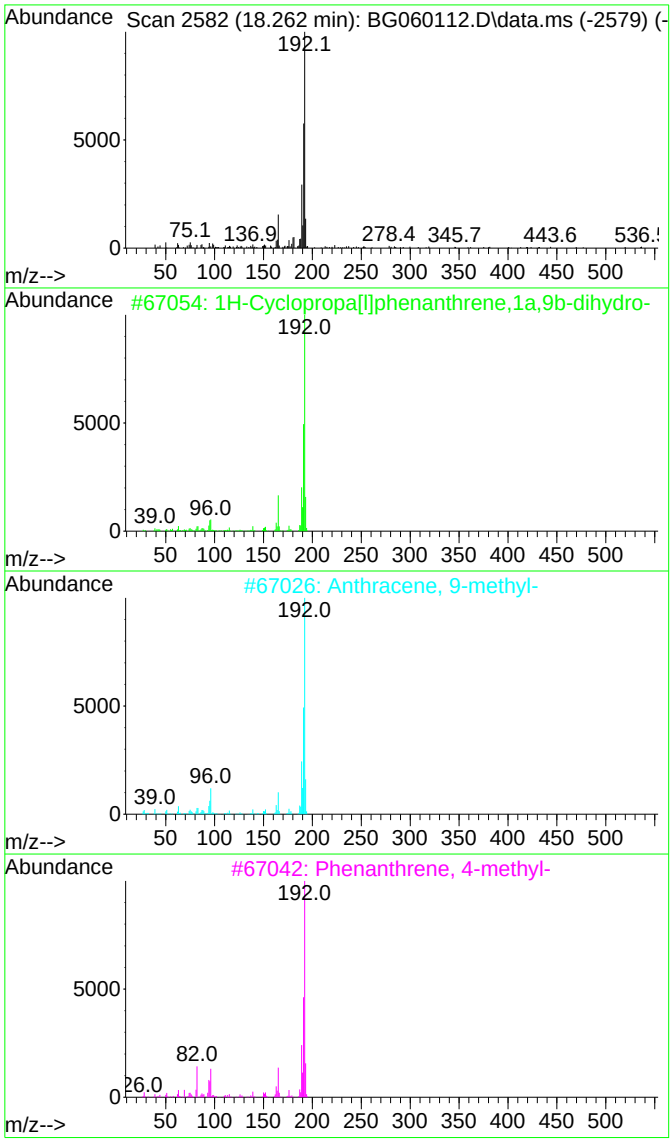
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

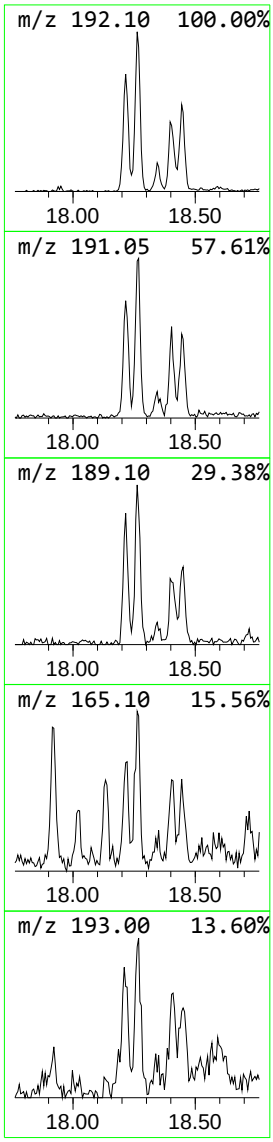
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	5.44 ng	230070	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

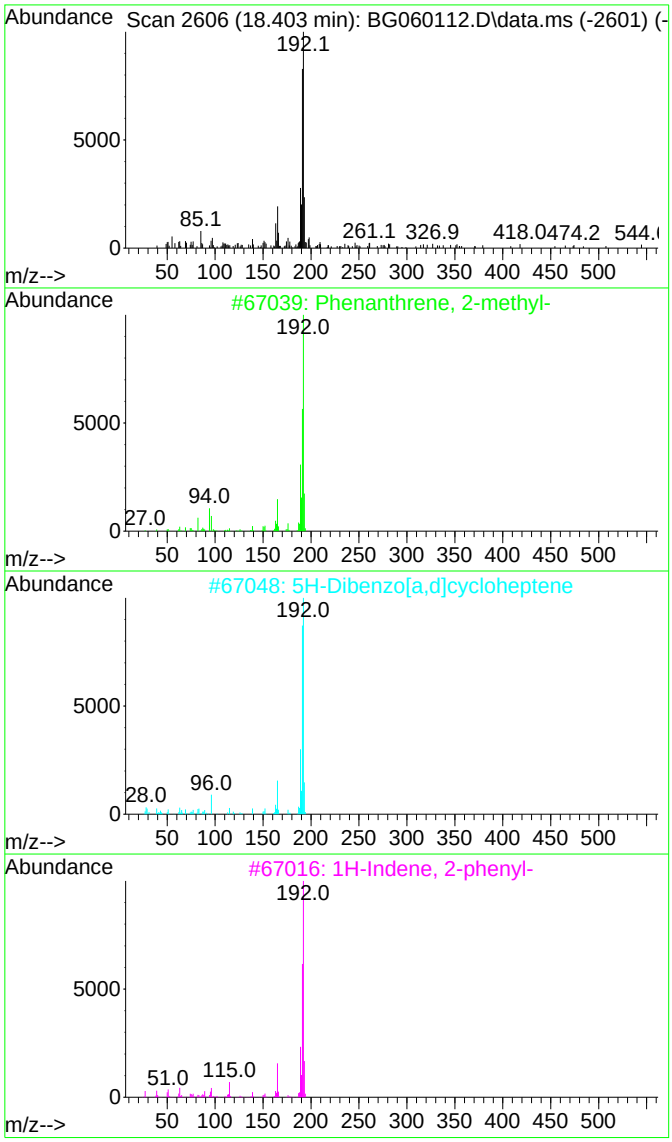
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

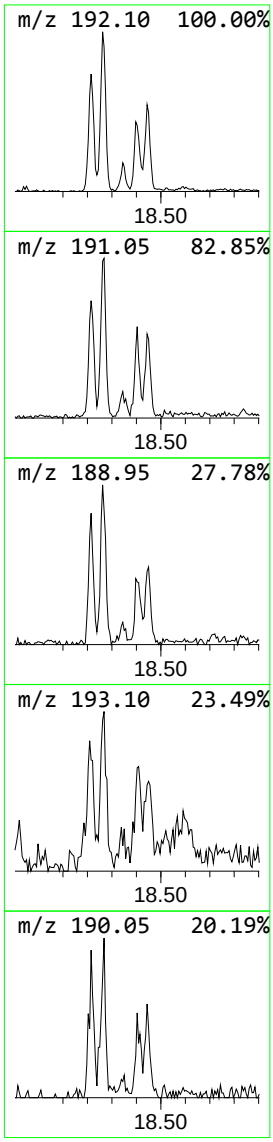
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.403	3.22 ng	136223	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	72
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

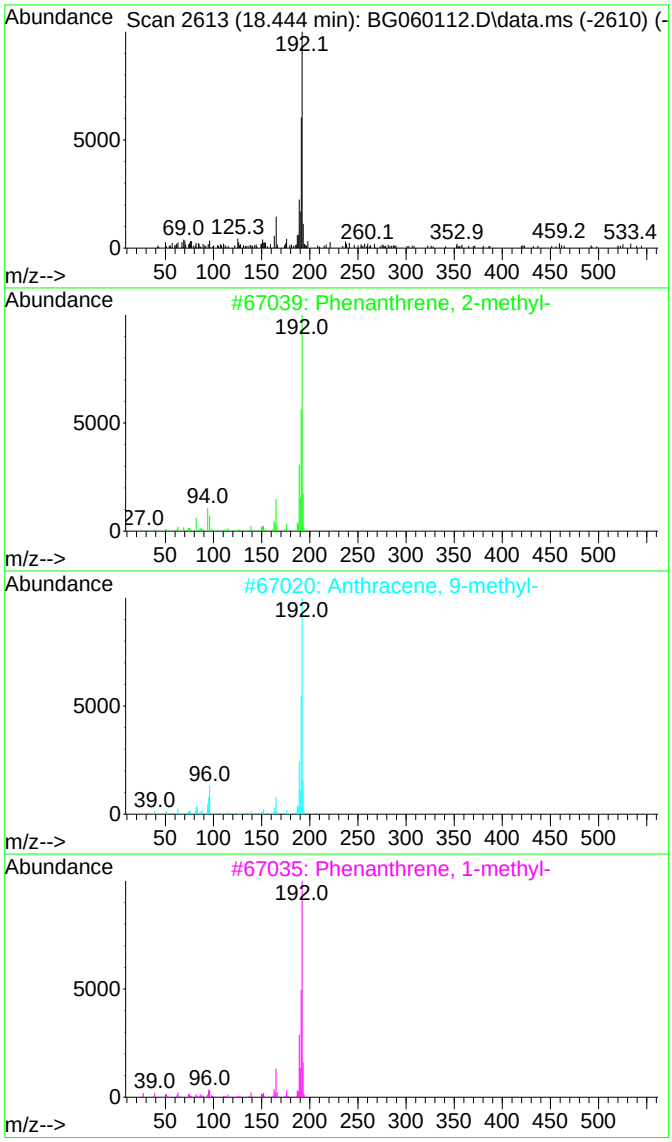
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

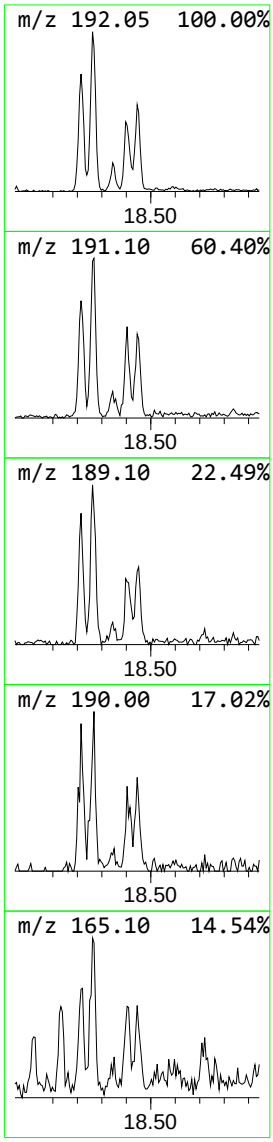
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.444	2.60 ng	109821	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

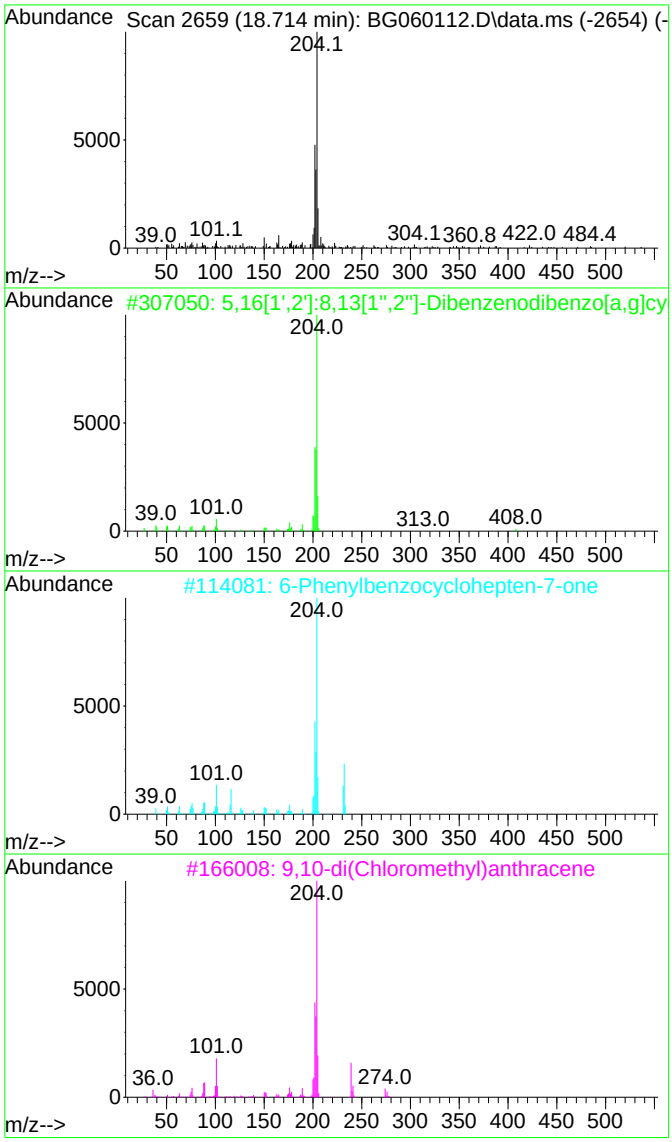
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

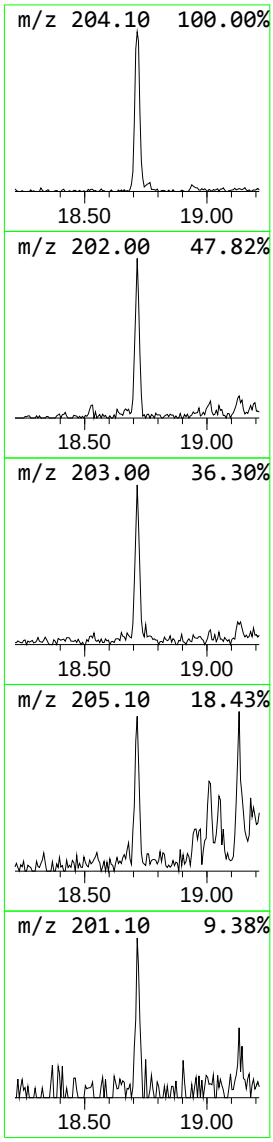
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.714	3.87 ng	163694	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50





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Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

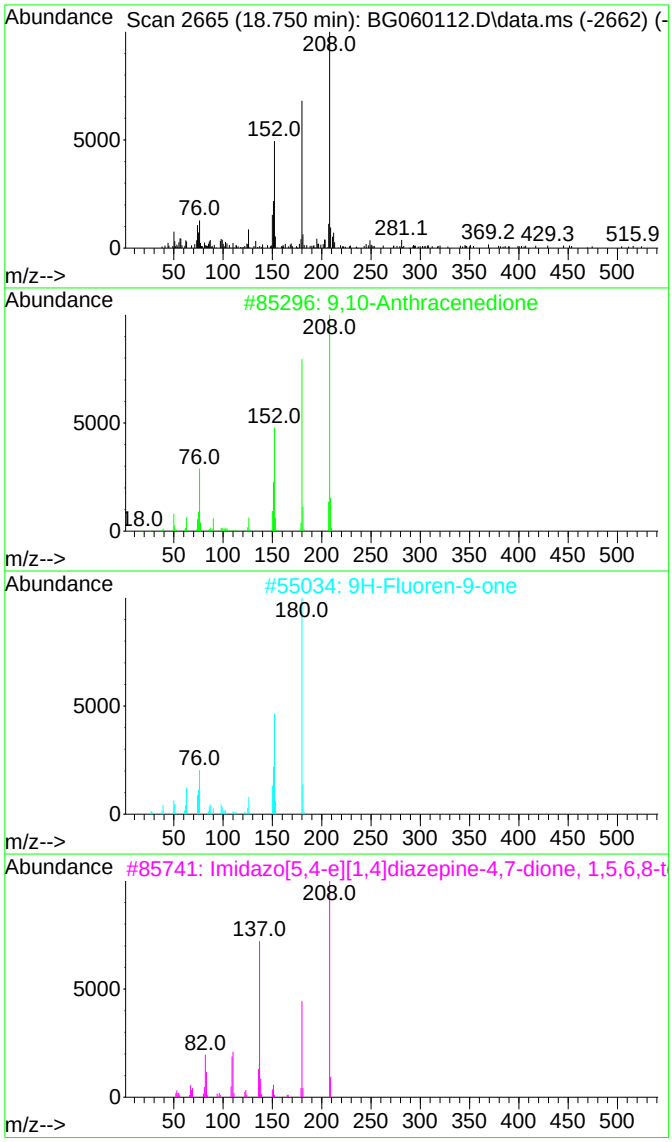
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

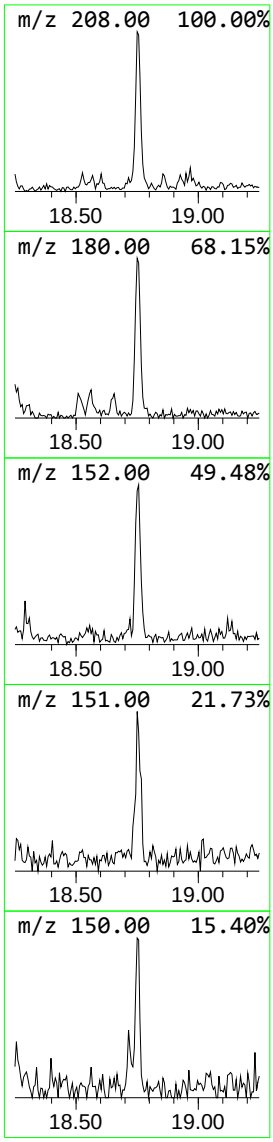
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.750	4.16 ng	175962	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
3	Imidazo[5,4-e][1,4]diazepine-4,7...	208	C9H12N4O2	144105-22-6	38
4	Acetic acid, (1,3-dimethyl-2,4-d...	250	C10H10N4O4	1000310-04-3	38
5	Xanthine, 1,3,7,8-tetramethyl-	208	C9H12N4O2	000832-66-6	35





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Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

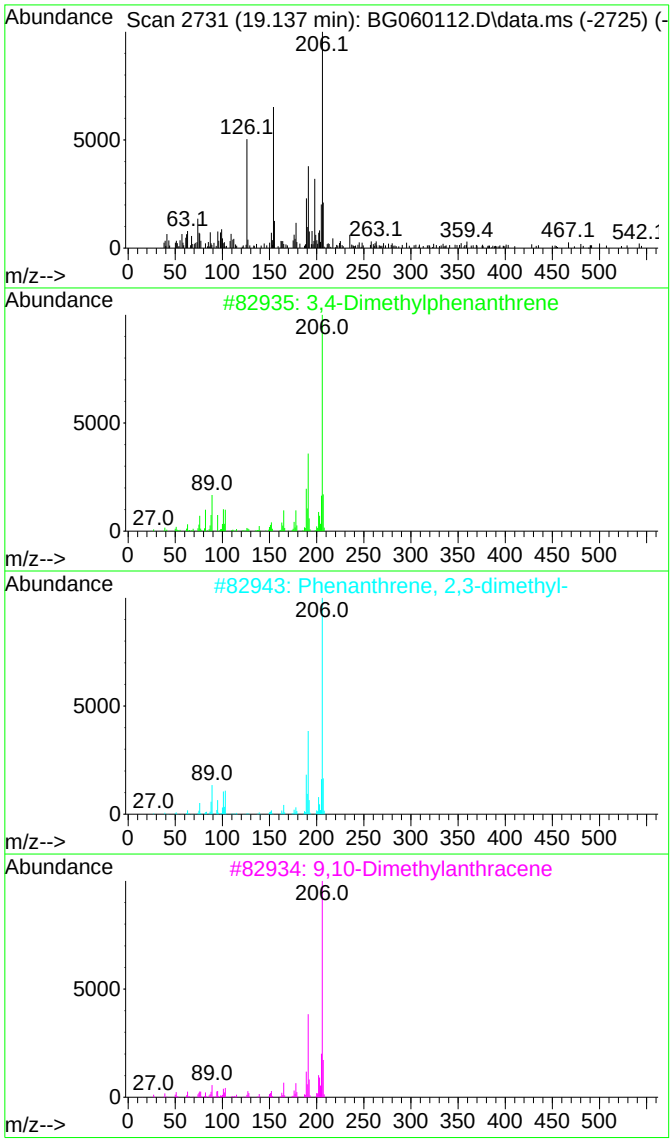
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

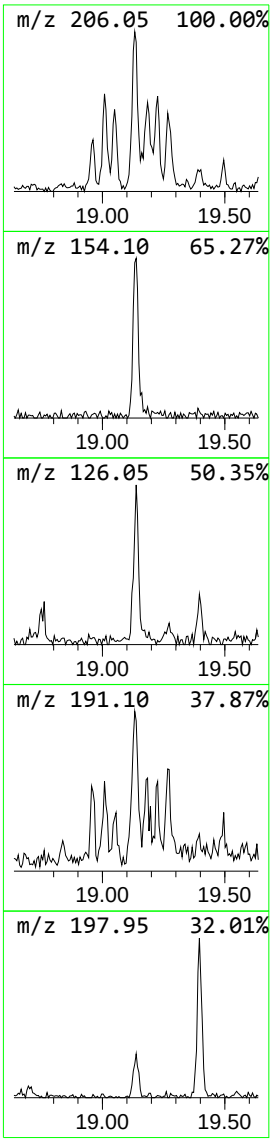
****

Peak Number 10 3,4-Dimethylphenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.137	5.27 ng	222892	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	64
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50





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Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

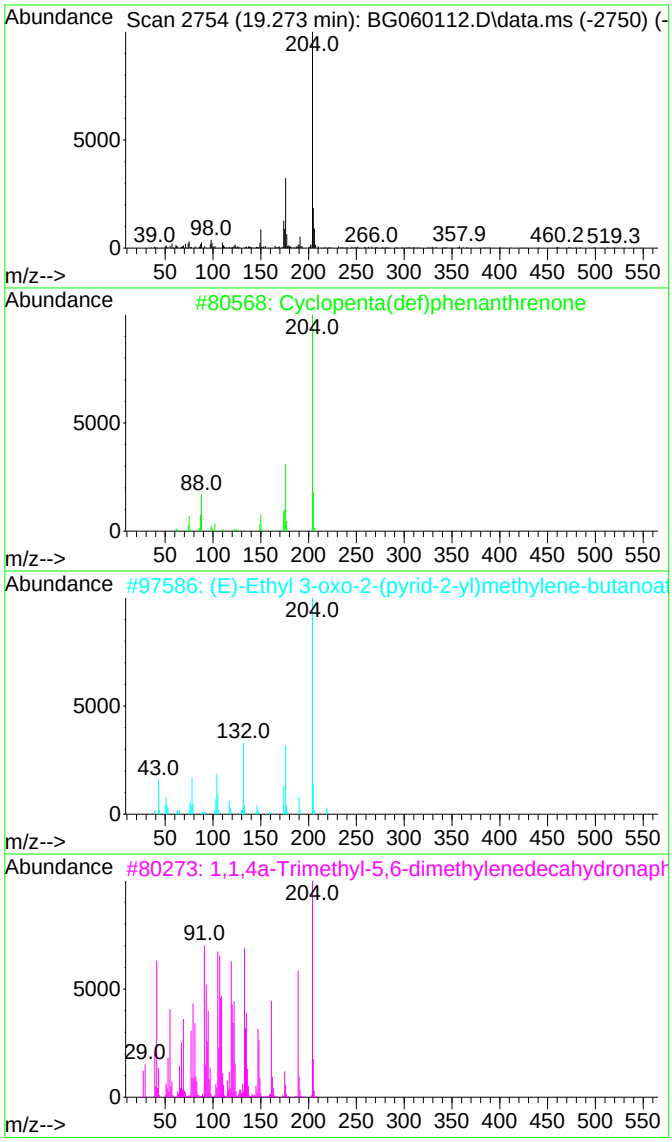
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

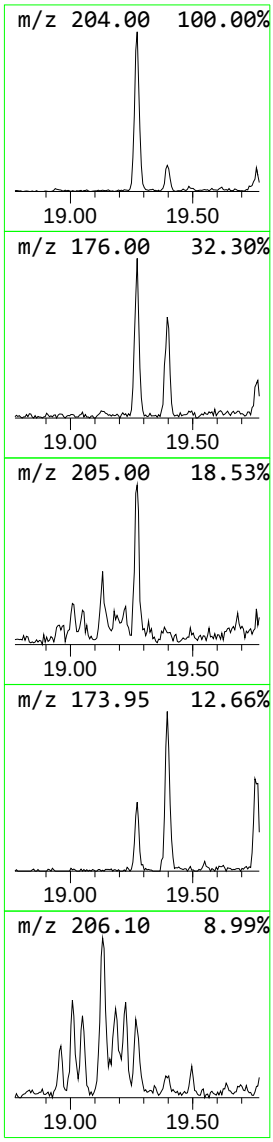
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.273	6.97 ng	294824	Phenanthrene-d10	17.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	56
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	55
4	Di(1,2,3,5,6,7-hexahydro-pyrido[...	408	C24H28N2S2	222981-31-9	53
5	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	53





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Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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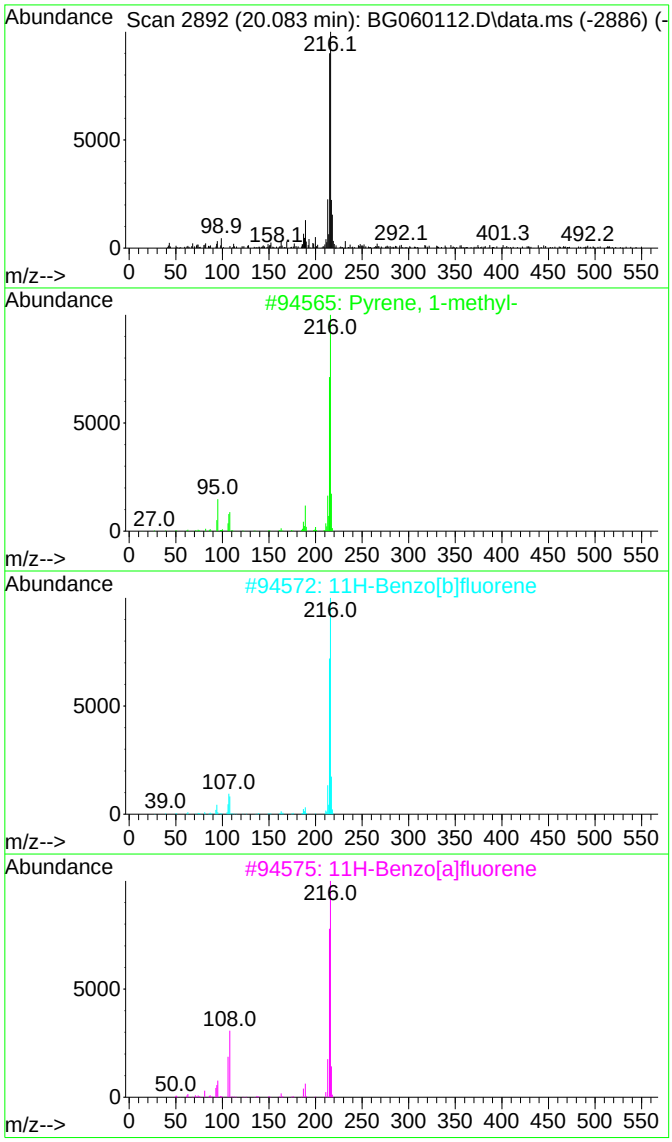
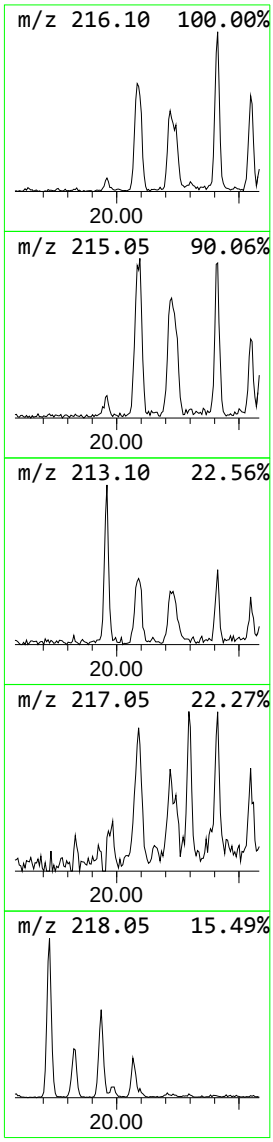
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.083	2.54 ng	369302	Chrysene-d12	21.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

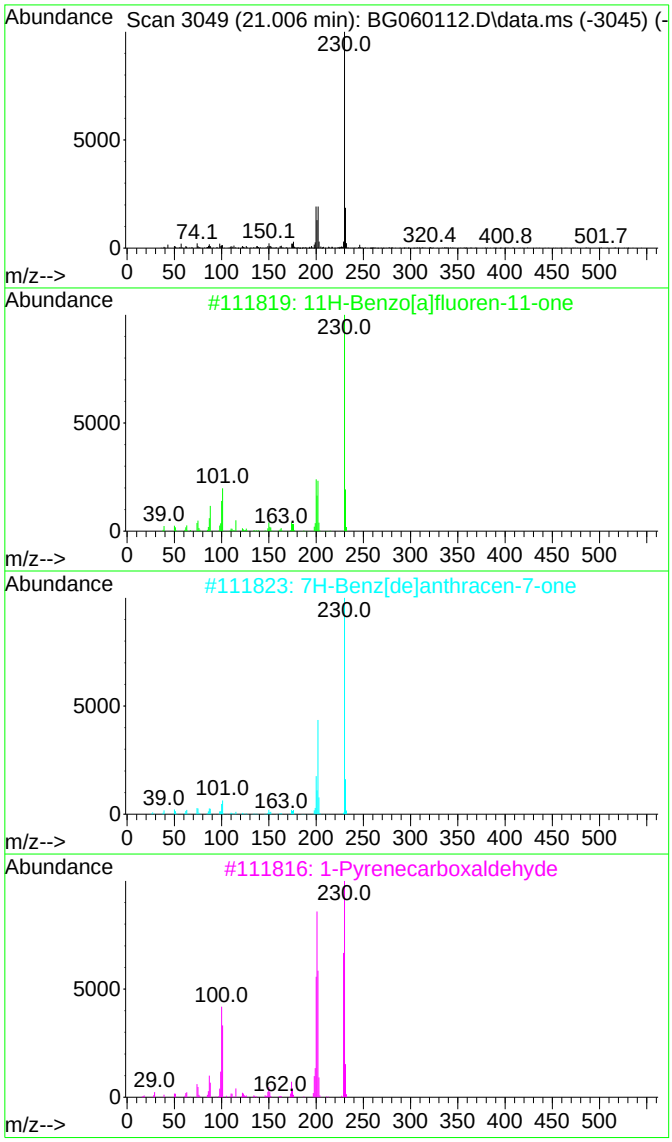
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

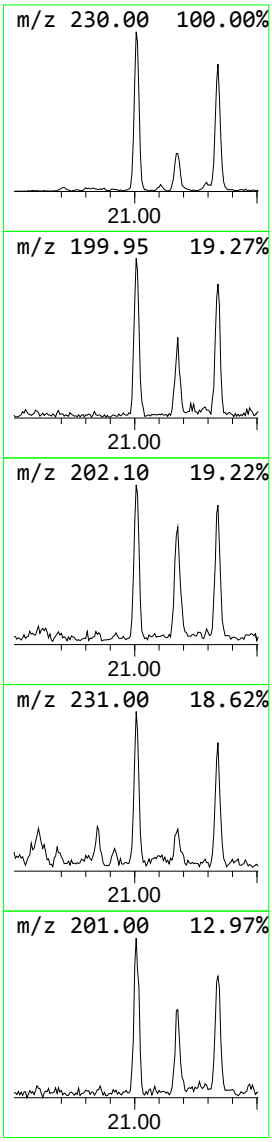
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.006	4.35 ng	633229	Chrysene-d12	21.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59
5	p-Terphenyl	230	C18H14	000092-94-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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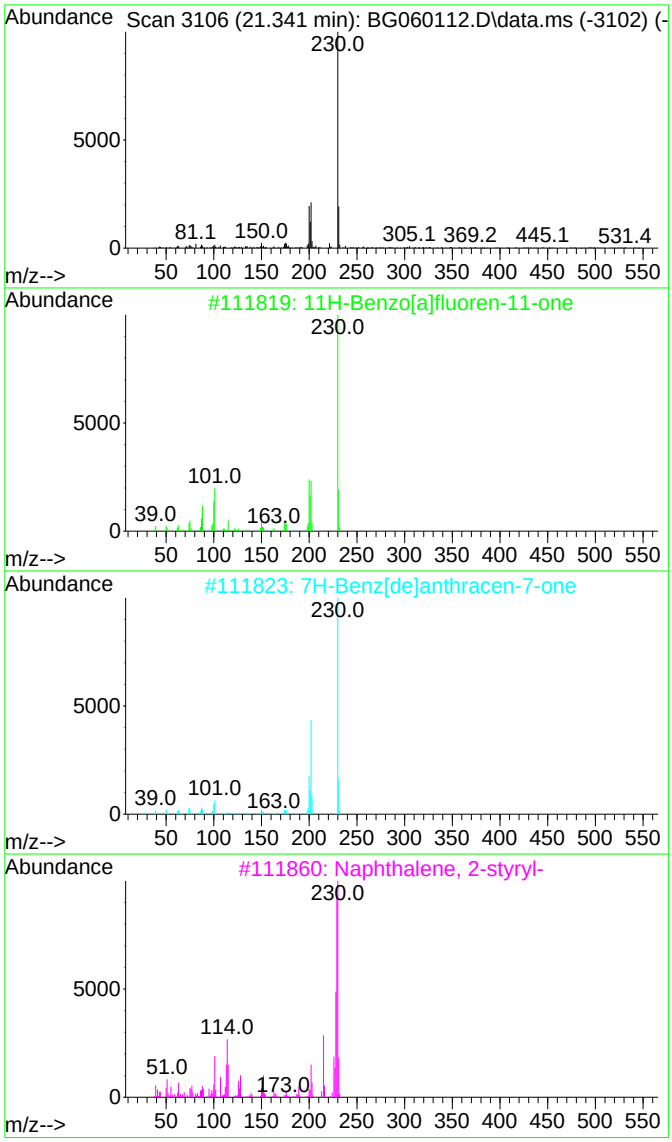
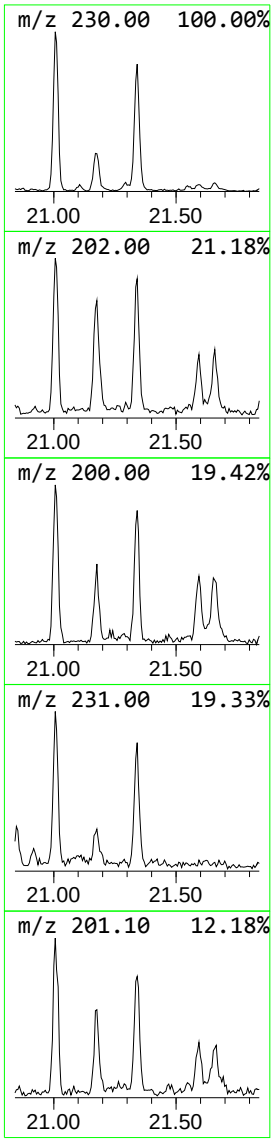
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.341	3.47 ng	504606	Chrysene-d12	21.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	40
4	p-Terphenyl	230	C18H14	000092-94-4	40
5	m-Terphenyl	230	C18H14	000092-06-8	40





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Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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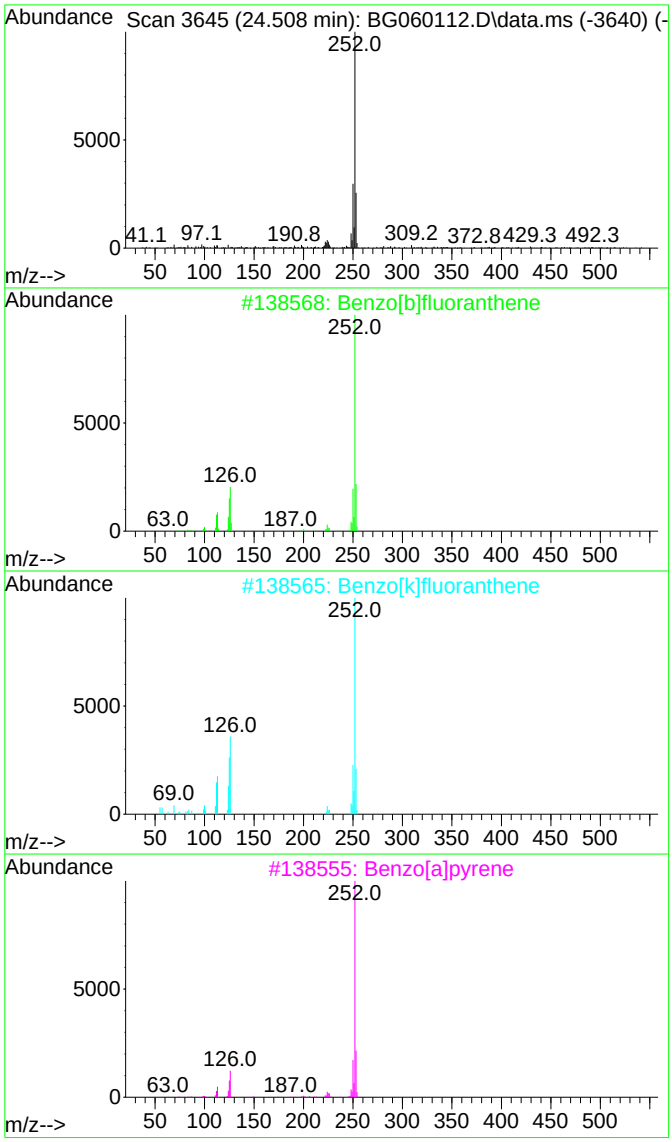
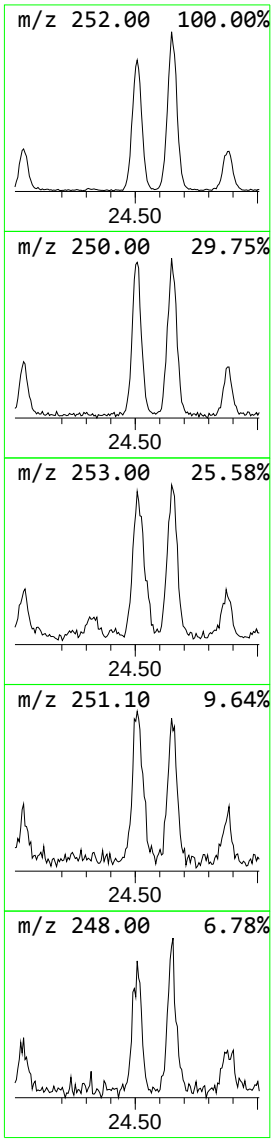
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.508	16.98 ng	833431	Perylene-d12	24.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benzo[a]pyrene	252	C20H12	000050-32-8	68
4	Benzo[e]pyrene	252	C20H12	000192-97-2	64
5	Perylene	252	C20H12	000198-55-0	59





Tentatively Identified Compound (LSC) summary

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Data File : BG060112.D
Acq On : 20 Dec 2023 23:55
Operator : MA/JU
Sample : 05827-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-09-10.5-11.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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
unknown3.133	3.133	11.9	ng	157408	1	7.951	264008	20.0
9H-Fluoren-9-one	16.987	3.2	ng	135774	4	17.340	845393	20.0
2-Cyclopropen-1...	17.469	2.1	ng	88085	4	17.340	845393	20.0
Phenanthrene, 1...	18.221	6.6	ng	277594	4	17.340	845393	20.0
1H-Cyclopropa[l...	18.262	5.4	ng	230070	4	17.340	845393	20.0
Phenanthrene, 2...	18.403	3.2	ng	136223	4	17.340	845393	20.0
Anthracene, 9-m...	18.444	2.6	ng	109821	4	17.340	845393	20.0
5,16[1',2']:8,1...	18.714	3.9	ng	163694	4	17.340	845393	20.0
9,10-Anthracene...	18.750	4.2	ng	175962	4	17.340	845393	20.0
3,4-Dimethylphe...	19.137	5.3	ng	222892	4	17.340	845393	20.0
Cyclopenta(def)...	19.273	7.0	ng	294824	4	17.340	845393	20.0
Pyrene, 1-methyl-	20.083	2.5	ng	369302	5	21.611	2908280	20.0
11H-Benzo[a]flu...	21.006	4.3	ng	633229	5	21.611	2908280	20.0
7H-Benz[de]anth...	21.341	3.5	ng	504606	5	21.611	2908280	20.0
Benzo[e]pyrene	24.508	17.0	ng	833431	6	24.807	981883	20.0