LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

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-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.036	325	331	337	rBV2	43232	71869	1.27%	0.186%
2	5.500	403	410	420	rBV	340077	557978	9.87%	1.445%
3	7.087	673	680	687	rBV	354734	614190	10.87%	1.591%
4	7.927	816	823	831	rBV	173600	297670	5.27%	0.771%
5	9.084	1014	1020	1028	rVB	207439	362865	6.42%	0.940%
6	10.730	1289	1300	1306	rBV	236507	445179	7.88%	1.153%
7	13.185	1710	1718	1728	rVB	536519	804905	14.24%	2.085%
8	14.560	1944	1952	1958	rBV	352038	558560	9.88%	1.447%
9	14.625	1958	1963	1971	rVB	84050	134726	2.38%	0.349%
10	14.960	2014	2020	2026	rBV	45073	71228	1.26%	0.184%
11	15.124	2043	2048	2053	rBV2	30385	67919	1.20%	0.176%
12	15.606	2125	2130	2142	rVB	110722	176256	3.12%	0.457%
13	15.912	2176	2182	2187	rVB2	46647	96921	1.72%	0.251%
14	16.047	2198	2205	2214	rBV	424176	644727	11.41%	1.670%
15	16.605	2289	2300	2306	rBV5	42360	119415	2.11%	0.309%
16	17.057	2374	2377	2382	rVV2	52750	87024	1.54%	0.225%
17	17.122	2383	2388	2397	rVB	103384	177566	3.14%	0.460%
18	17.304	2413	2419	2422	rBV	391489	593878	10.51%	1.538%
19	17.351	2422	2427	2433	rVV	1687868	2560028	45.31%	6.630%
20	17.439	2436	2442	2448	rVV	571639	861314	15.24%	2.231%
21	17.492	2448	2451	2456	rVB2	36122	59709	1.06%	0.155%
22	17.704	2477	2487	2493	rBV2	86851	187624	3.32%	0.486%
23	18.027	2538	2542	2548	rBV	31778	60007	1.06%	0.155%
24	18.185	2563	2569	2573	rBV2	257253	480927	8.51%	1.246%
25	18.232	2573	2577	2584	rVB	314923	466559	8.26%	1.208%
26	18.309	2585	2590	2596	rBV	127781	204395	3.62%	0.529%
27	18.379	2596	2602	2606	rBV3	476525	857649	15.18%	2.221%
28	18.679	2648	2653	2657	rBV	230399	321975	5.70%	0.834%
29	18.720	2657	2660	2670	rVB2	93200	164469	2.91%	0.426%
30	18.926	2692	2695	2699	rVB	94452	110800	1.96%	0.287%
31	18.979	2700	2704	2707	rVV	107631	140752	2.49%	0.365%
32	19.014	2707	2710	2714	rVB	93186	125020	2.21%	0.324%
33	19.102	2719	2725	2729	rBV	207226	359744	6.37%	0.932%
34	19.161	2731	2735	2738	rVV2	59241	92229	1.63%	0.239%
35	19.237	2744	2748	2755	rBV2	135507	254461	4.50%	0.659%
36	19.372	2764	2771	2776	rBV	3201028	5111472	90.46%	13.239%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

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-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.419	2776	2779	2783	rVV3	98214	135965	2.41%	0.352%
38	19.460	2783	2786	2790	rVB2	106510	142203	2.52%	0.368%
39	19.607	2807	2811	2814	rBV	135786	176625	3.13%	0.457%
40	19.731	2821	2832	2839	rBV2	2777710	5650615	100.00%	14.635%
41	19.795	2839	2843	2849	rVB2	234048	366442	6.48%	0.949%
42	19.919	2857	2864	2868	rBV2	723304	1085749	19.21%	2.812%
43	19.960	2868	2871	2877	rVB	177736	268025	4.74%	0.694%
44	20.036	2880	2884	2886	rBV	159563	250626	4.44%	0.649%
45	20.213	2905	2914	2919	rVB	495440	897024	15.87%	2.323%
46	20.312	2927	2931	2935	rBV	464009	617718	10.93%	1.600%
47	20.371	2937	2941	2945	rVV2	253656	421371	7.46%	1.091%
48	20.412	2945	2948	2951	rVB2	127800	157034	2.78%	0.407%
49	20.512	2962	2965	2968	rBV	133137	164244	2.91%	0.425%
50	20.559	2969	2973	2976	rVV	144198	192994	3.42%	0.500%
51	20.965	3040	3042	3049	rVB	137453	219621	3.89%	0.569%
52	21.153	3071	3074	3077	rVB	164097	195813	3.47%	0.507%
53	21.194	3077	3081	3085	rBV	182247	260636	4.61%	0.675%
54	21.552	3136	3142	3148	rBV3	1311881	2815898	49.83%	7.293%
55	21.611	3148	3152	3164	rVB	1072998	1933289	34.21%	5.007%
56	21.758	3173	3177	3183	rBV	330305	519982	9.20%	1.347%
57	21.963	3208	3212	3220	rVB3	120754	238715	4.22%	0.618%
58	23.732	3505	3513	3519	rBV	509772	1655728	29.30%	4.288%
59	24.431	3628	3632	3646	rVB	274649	749387	13.26%	1.941%
60	24.578	3651	3657	3673	rVB	414735	1192249	21.10%	3.088%

Sum of corrected areas: 38609963

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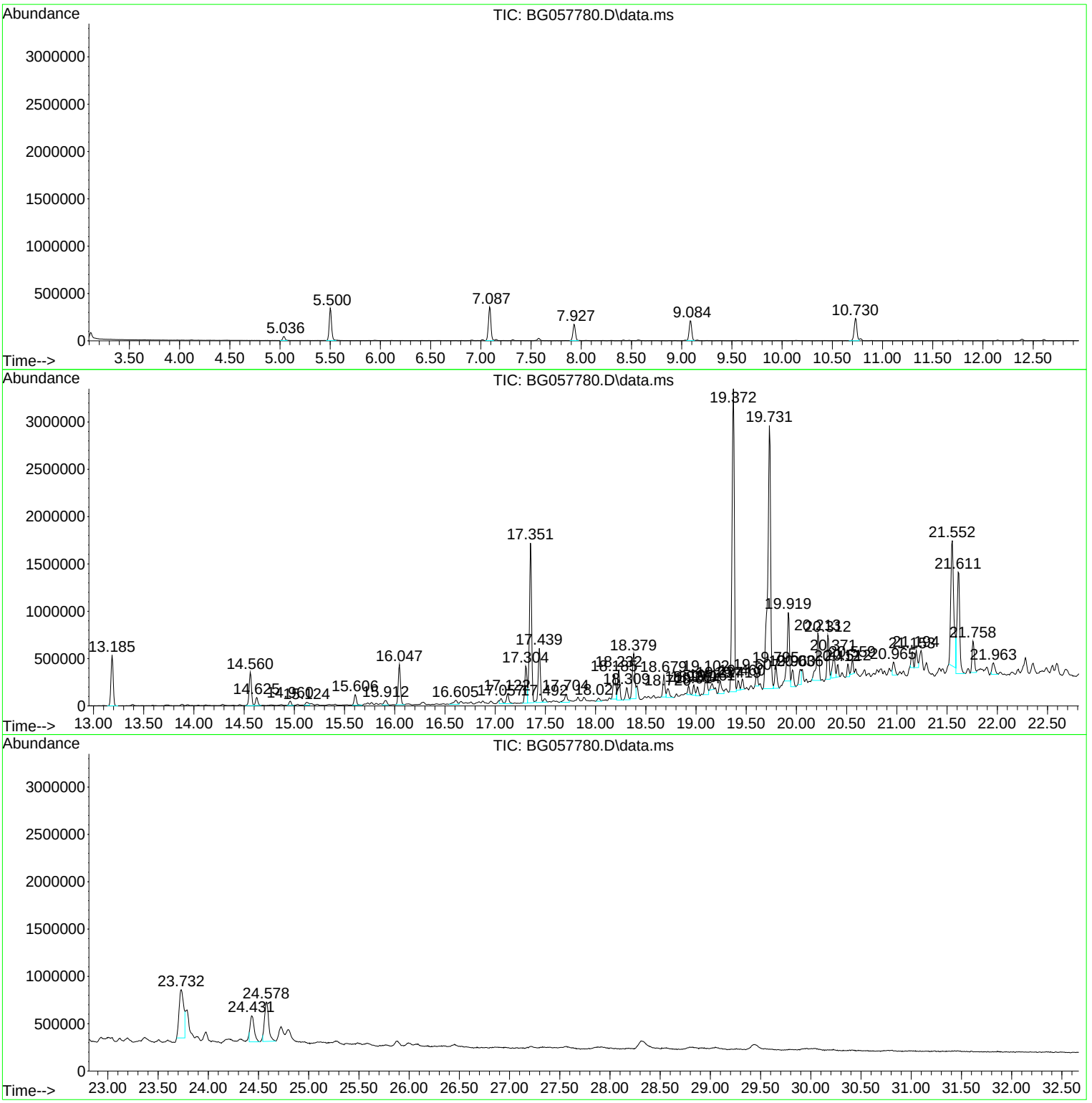
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

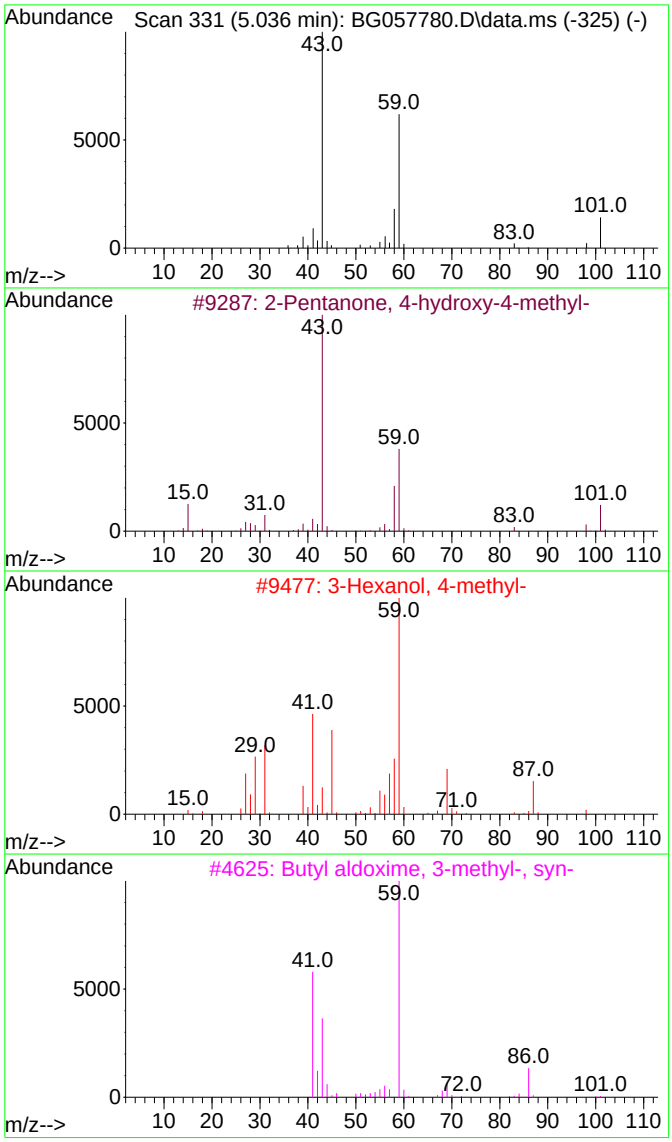
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

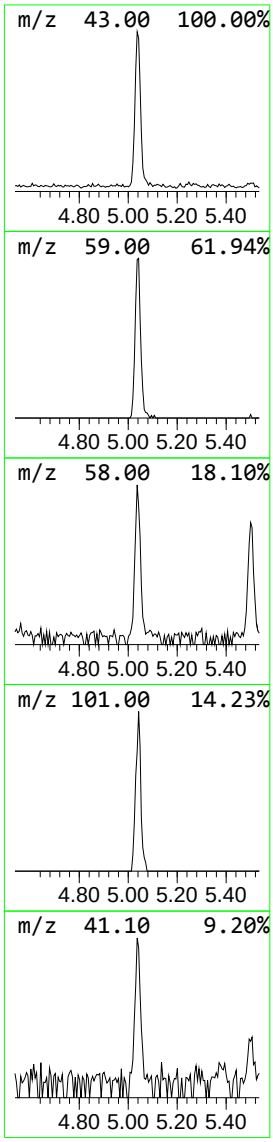
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.036	4.83 ng	71869	1,4-Dichlorobenzene-d4	7.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

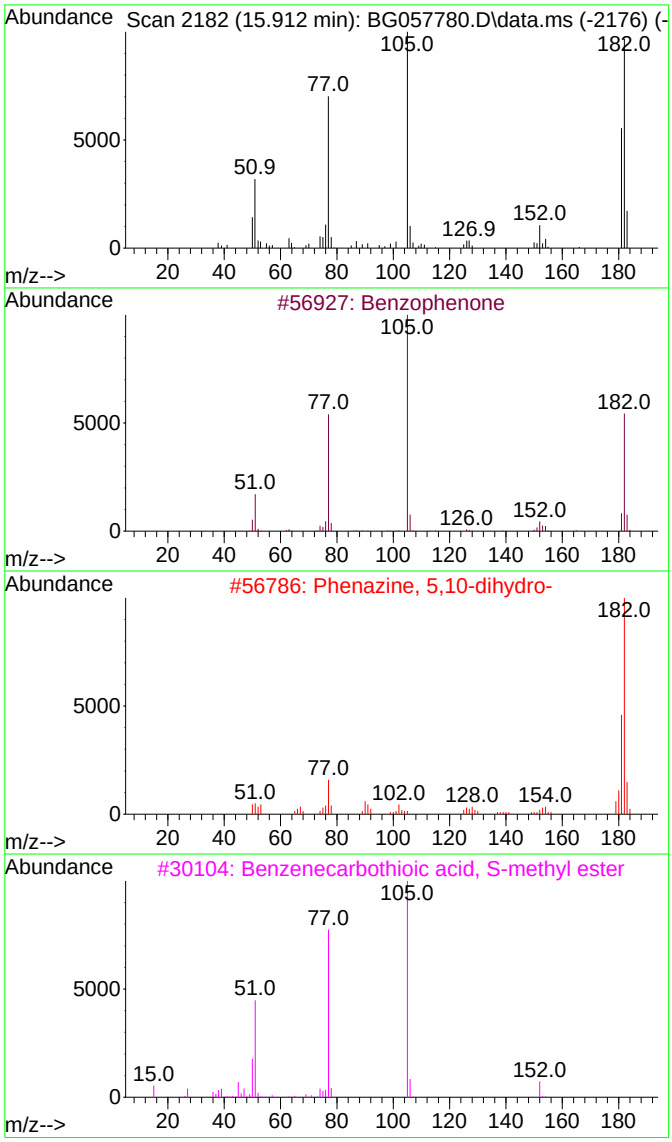
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

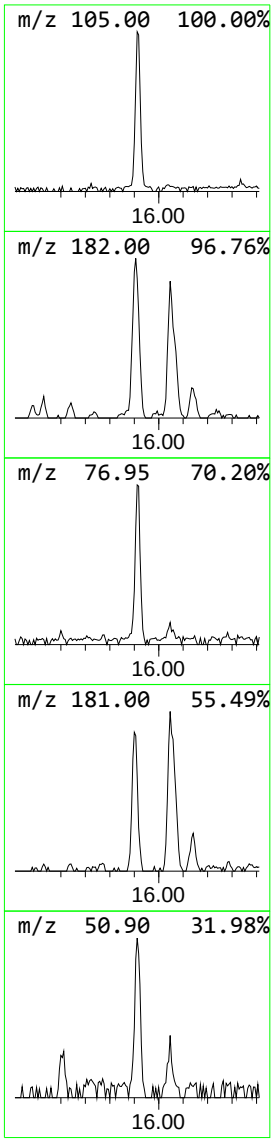
****

Peak Number 2 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.912	3.47 ng	96921	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	47
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	30
4	9H-Xanthene	182	C13H10O	000092-83-1	30
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

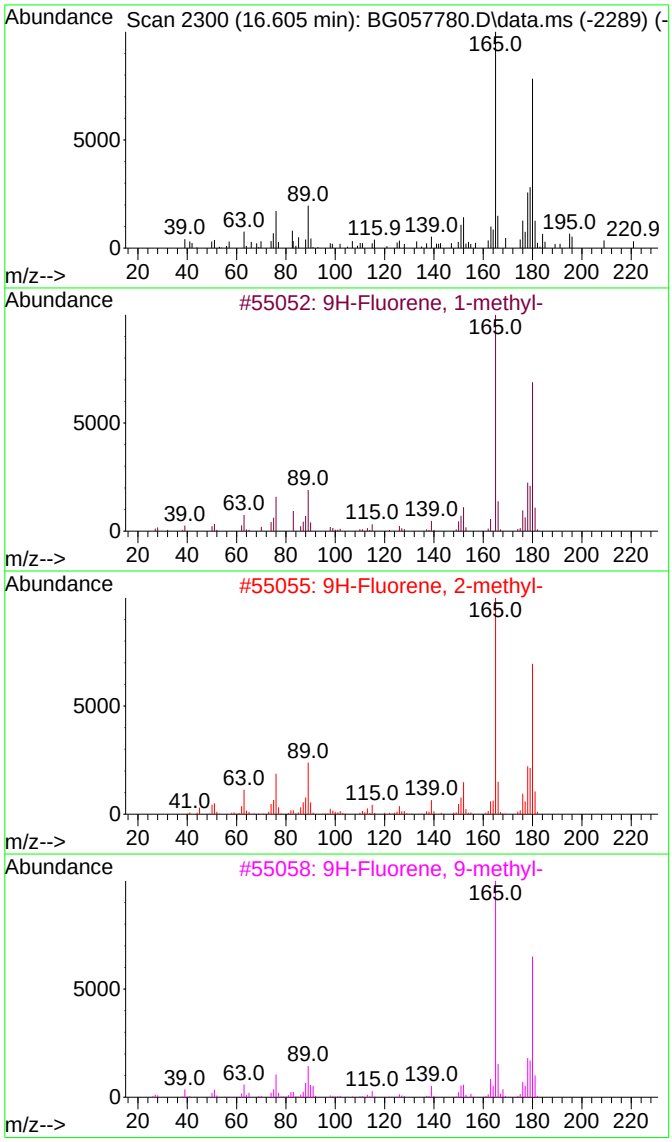
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

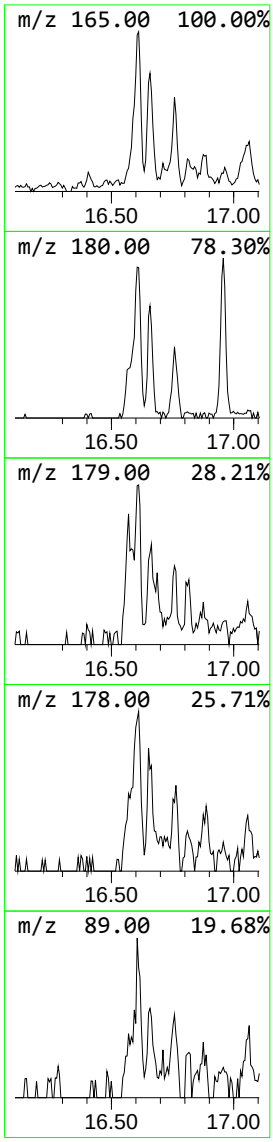
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.605	4.02 ng	119415	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

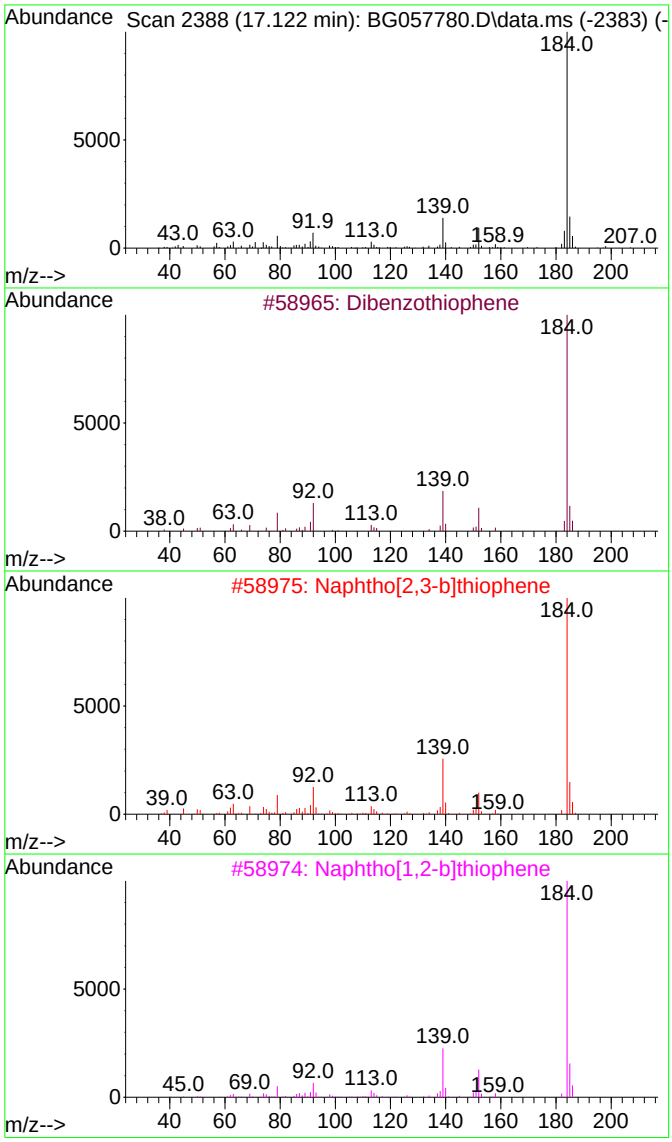
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

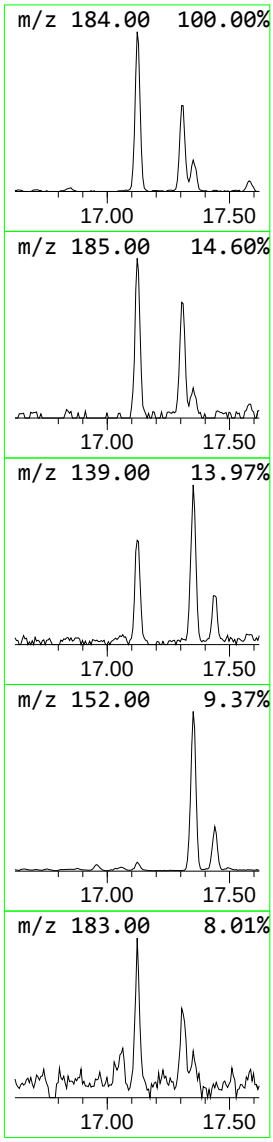
****

Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.122	5.98 ng	177566	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

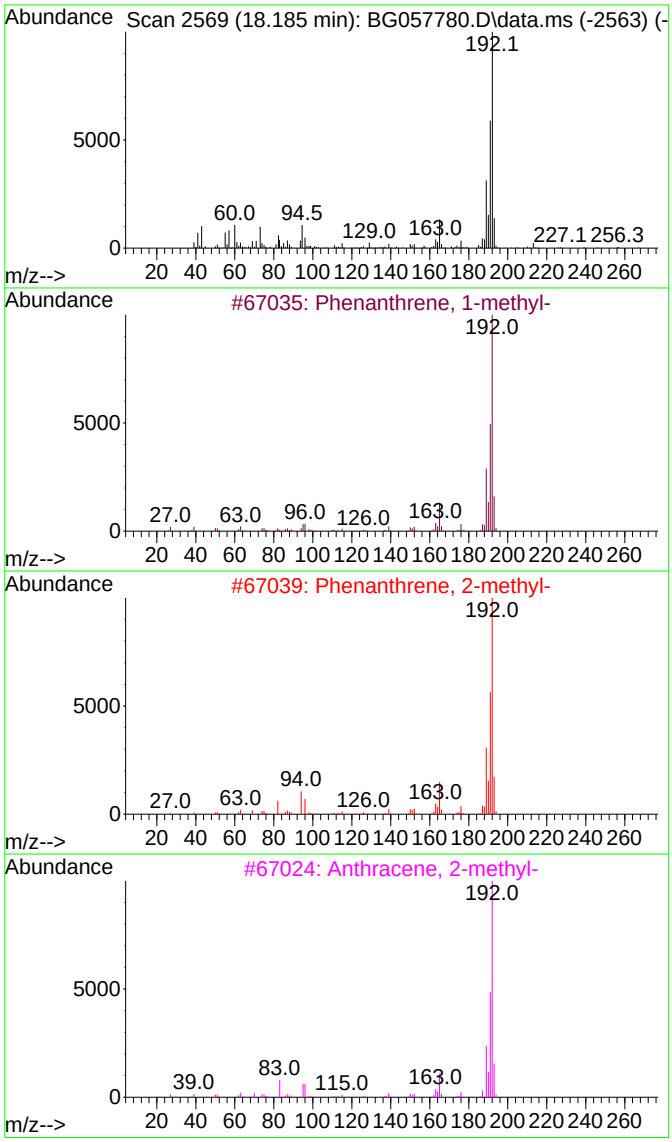
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

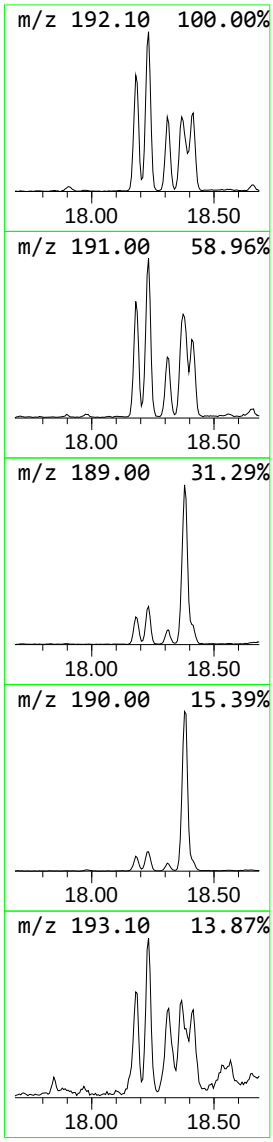
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	16.20 ng	480927	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

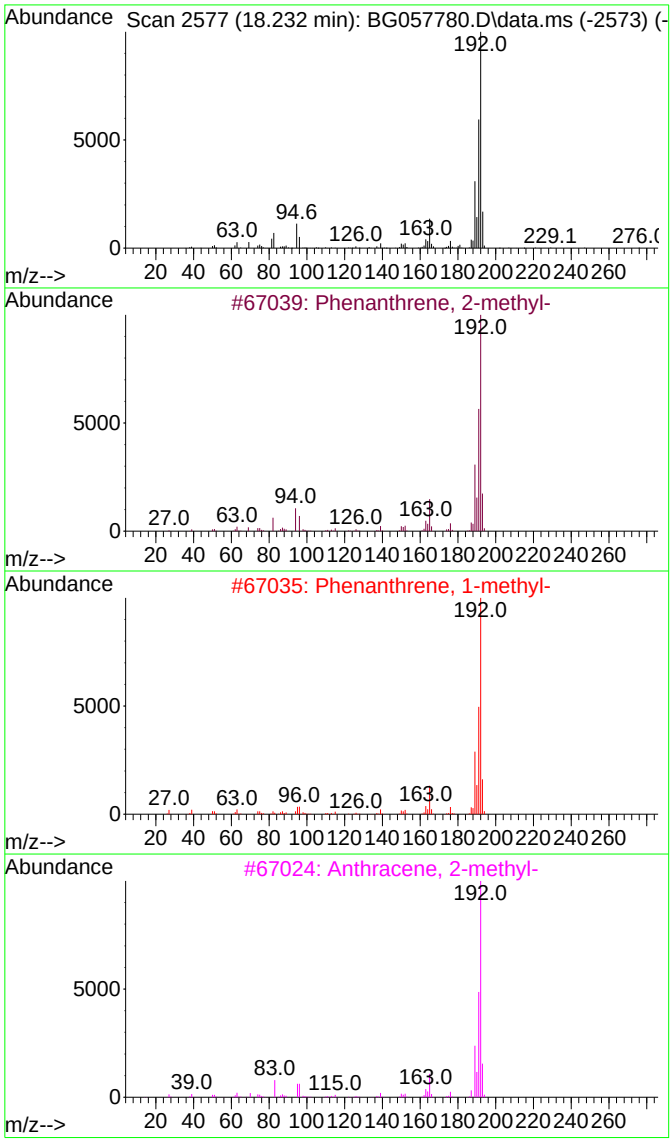
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

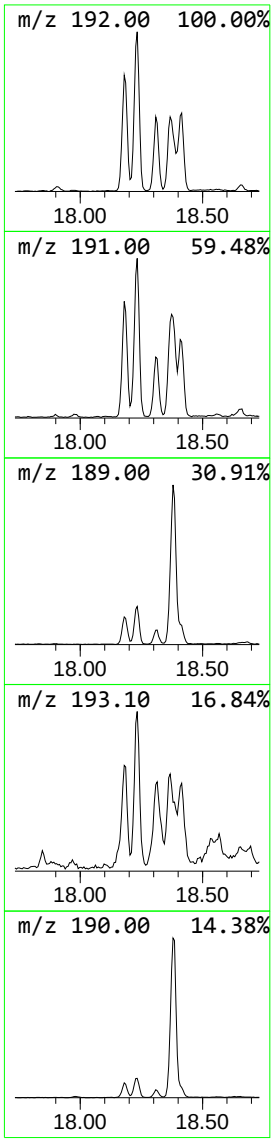
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	15.71 ng	466559	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

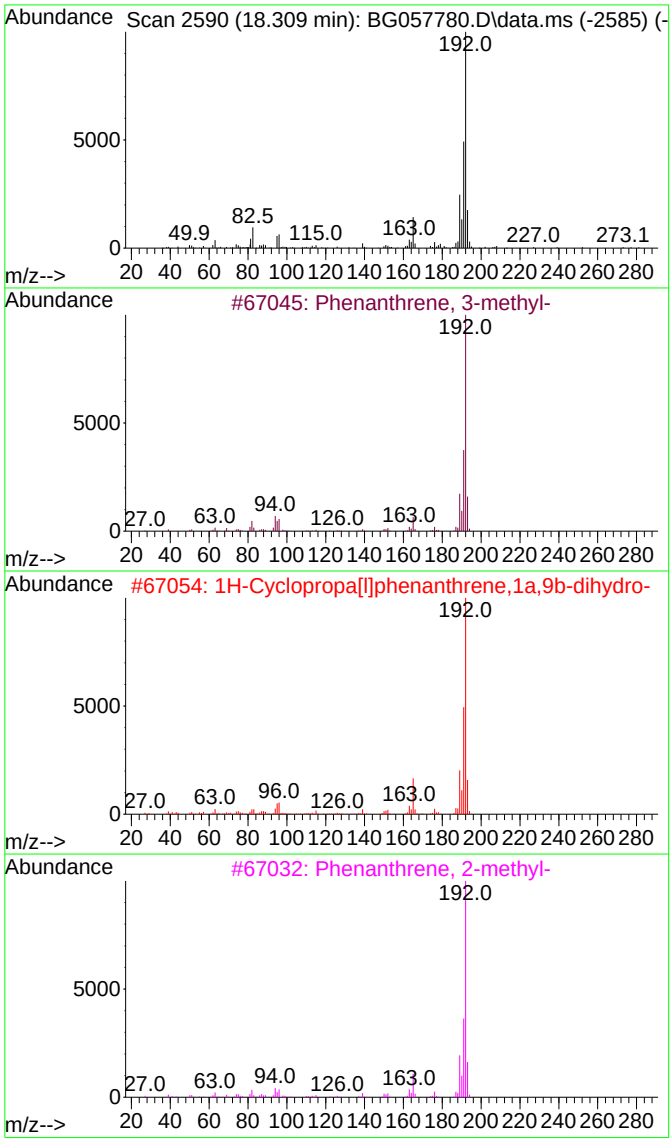
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

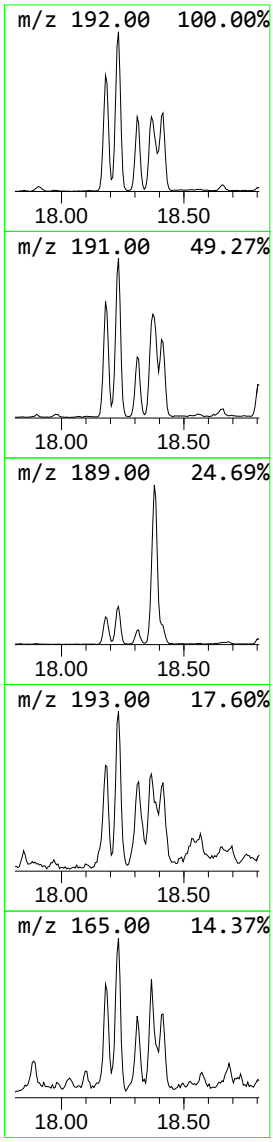
****

Peak Number 7 Phenanthrene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.309	6.88 ng	204395	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

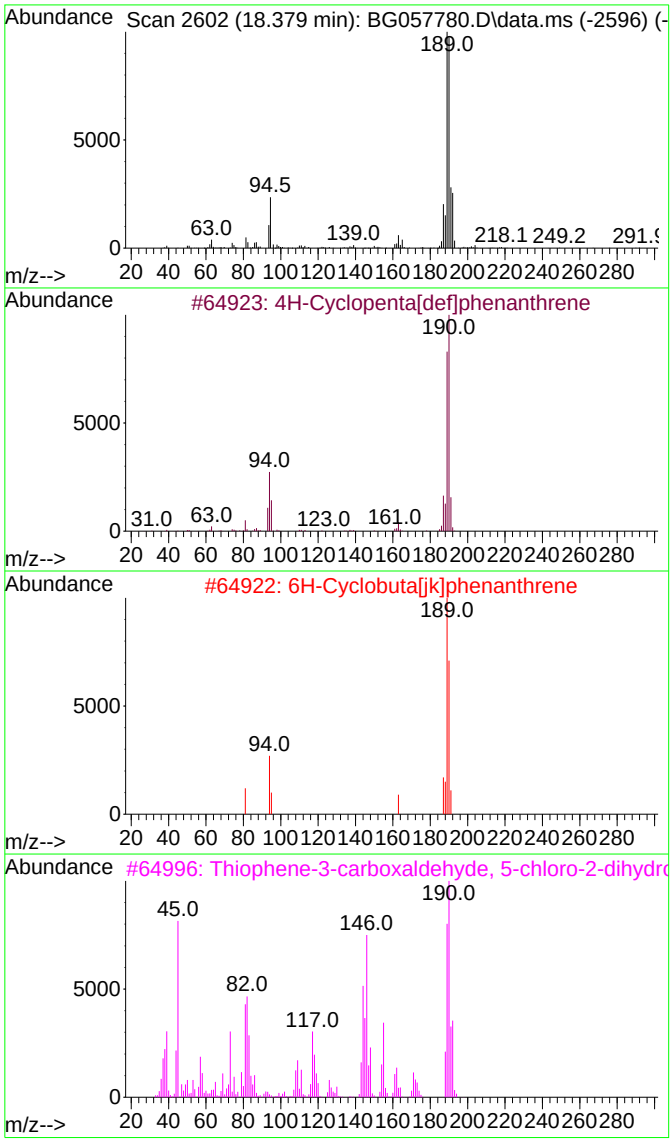
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

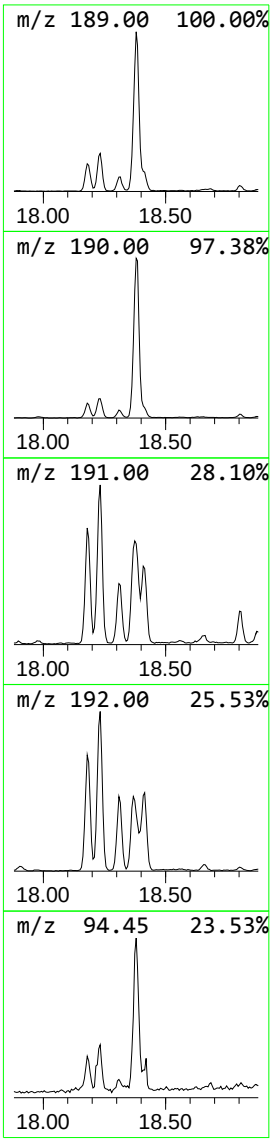
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.379	28.88 ng	857649	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

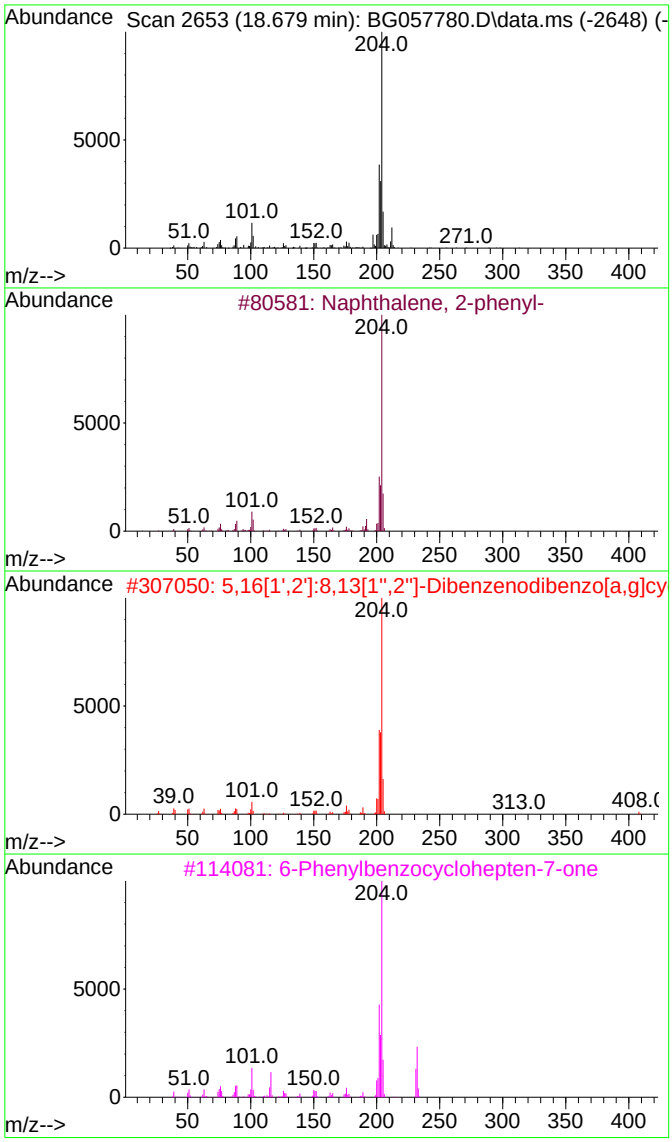
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

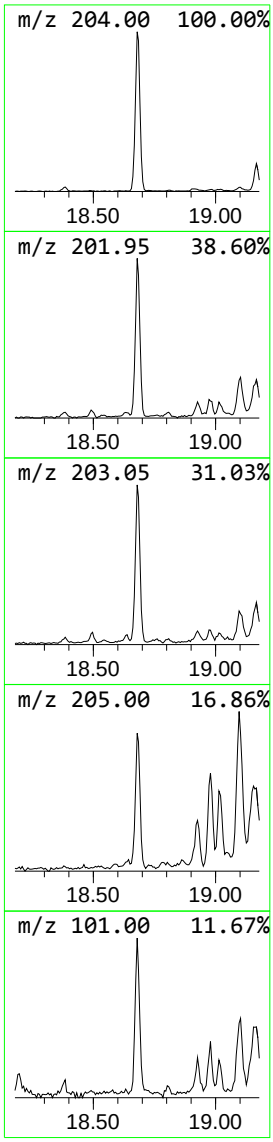
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.679	10.84 ng	321975	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





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Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

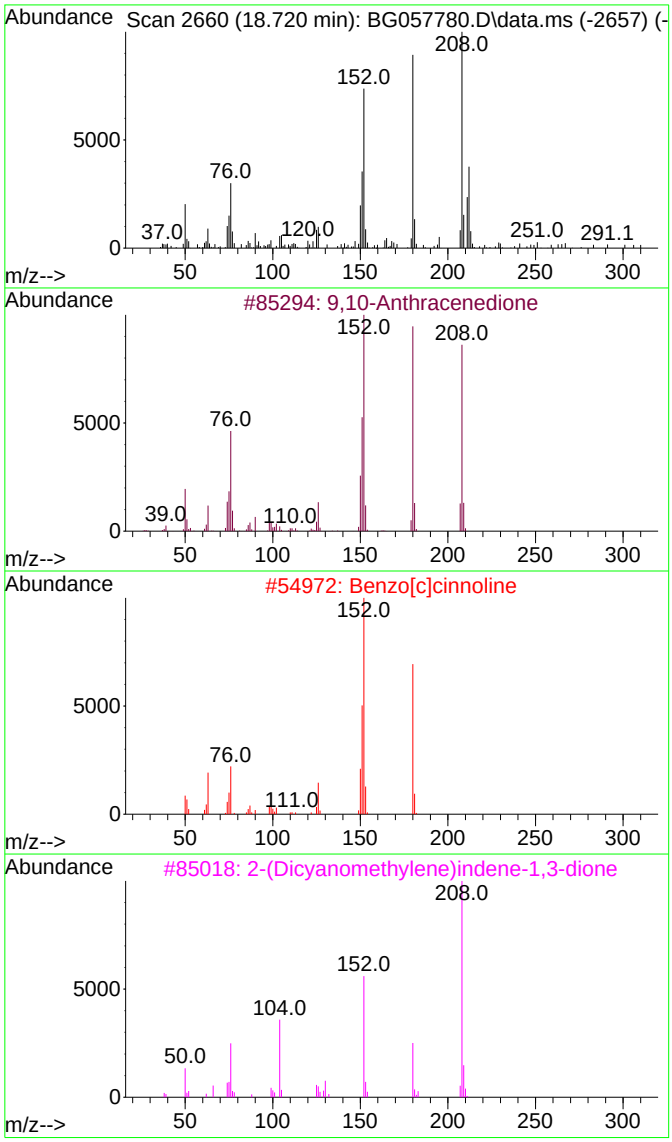
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

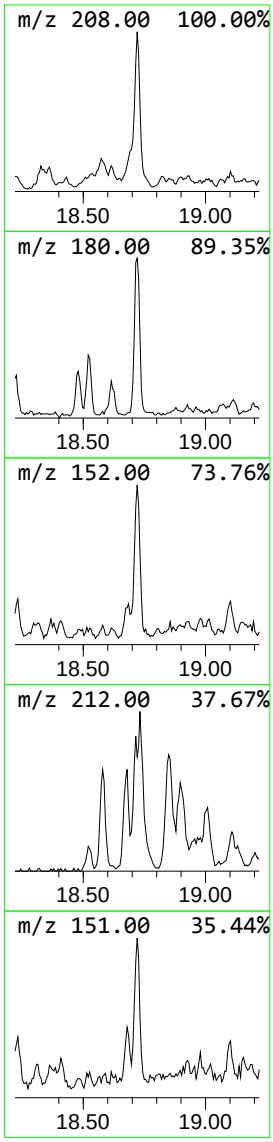
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.720	5.54 ng	164469	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

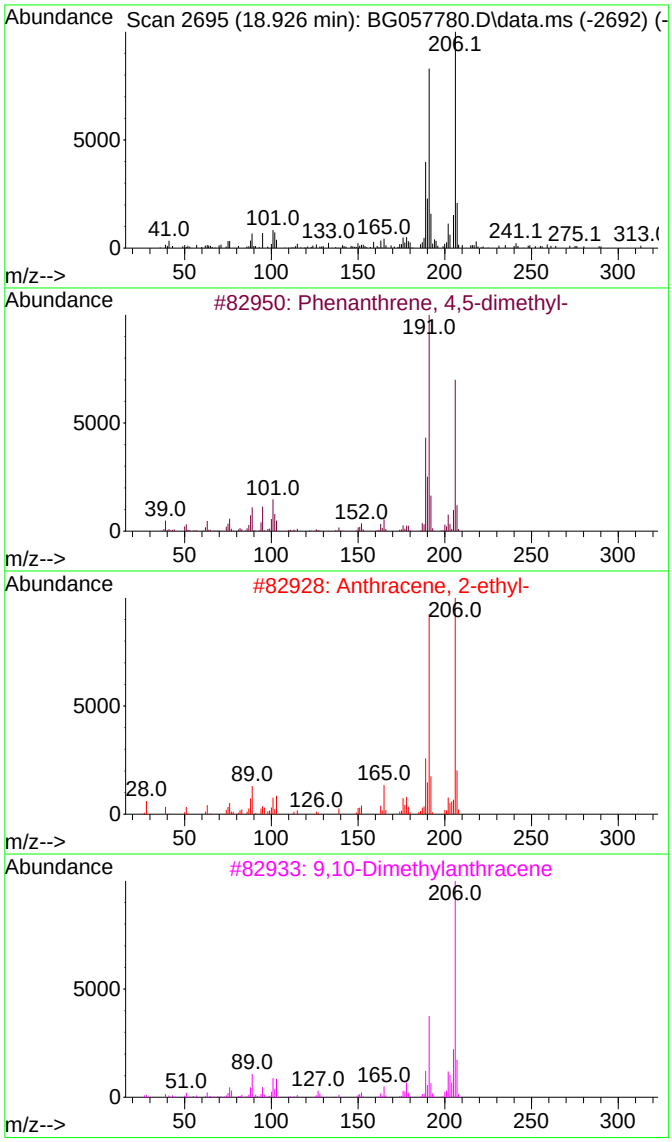
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

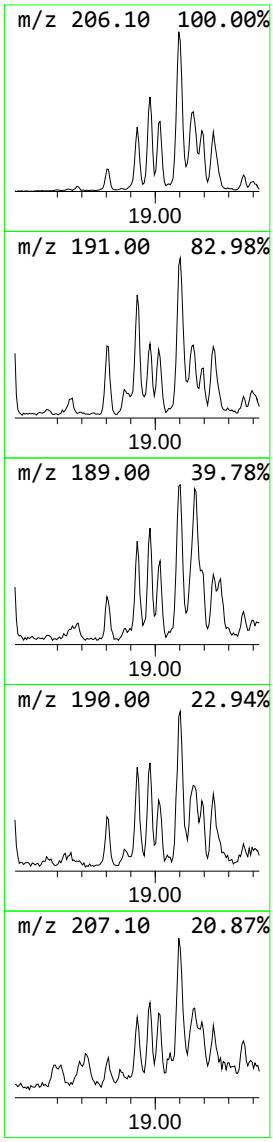
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.926	3.73 ng	110800	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	76





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Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

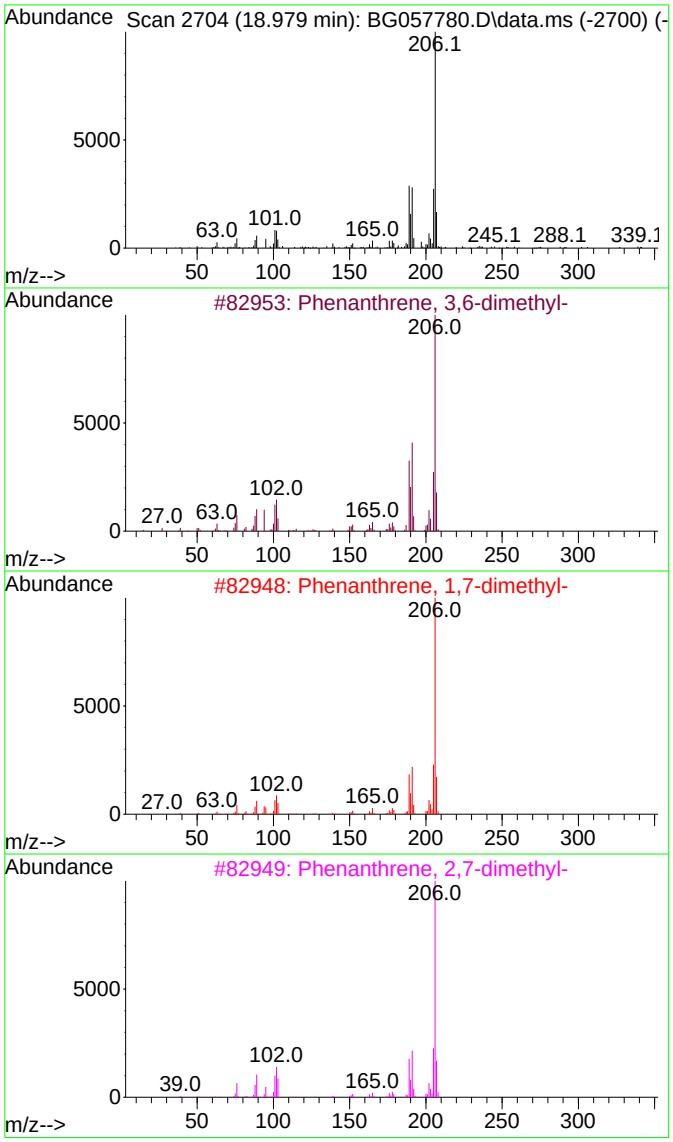
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

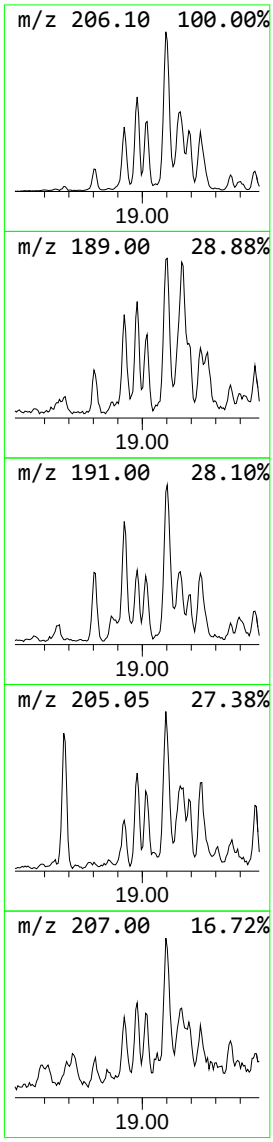
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.979	4.74 ng	140752	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72





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Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

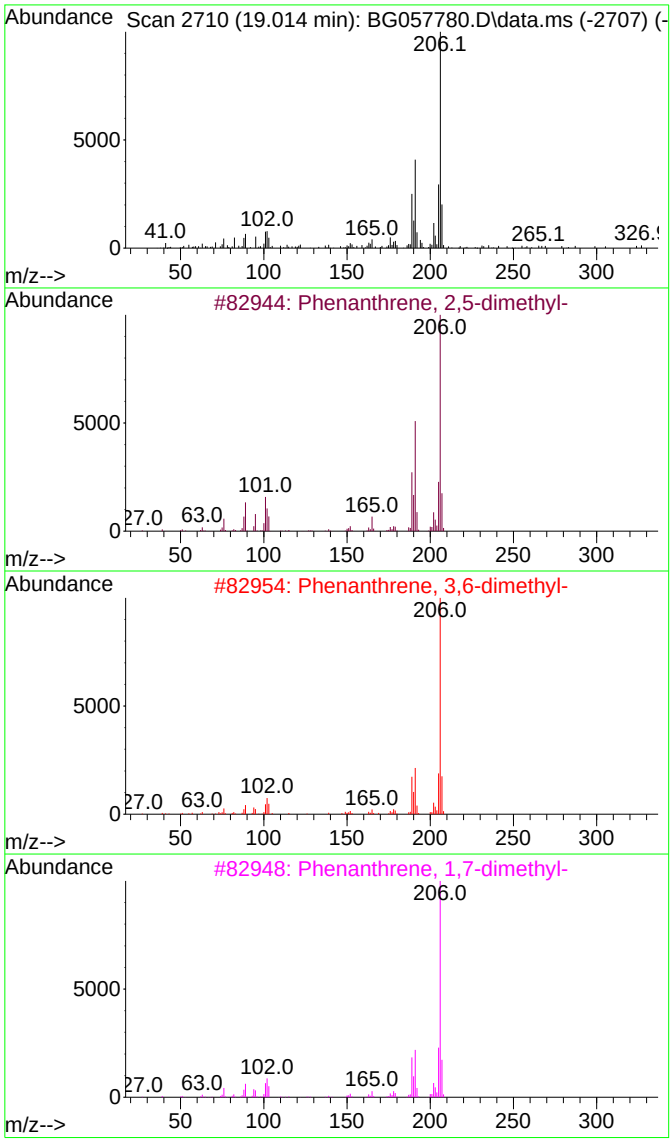
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

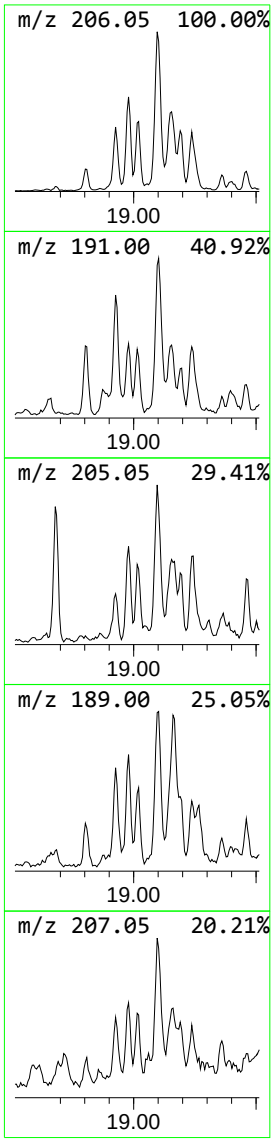
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.014	4.21 ng	125020	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

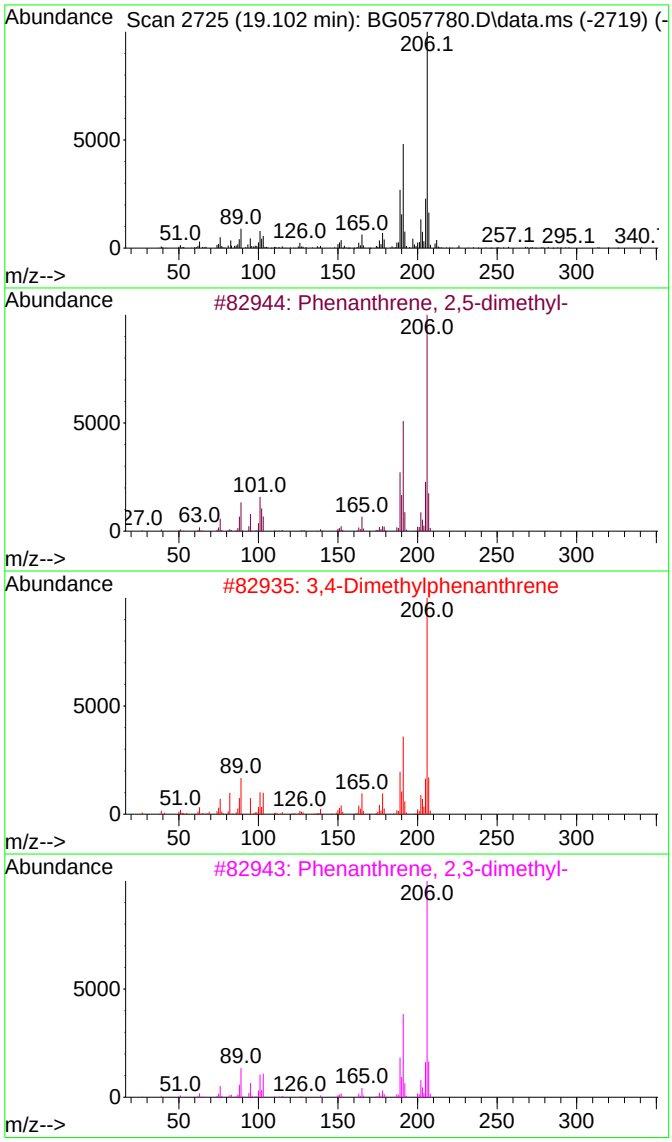
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

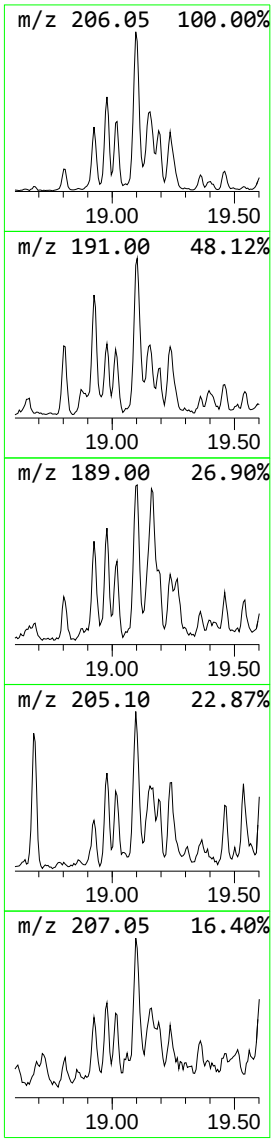
****

Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.102	12.12 ng	359744	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

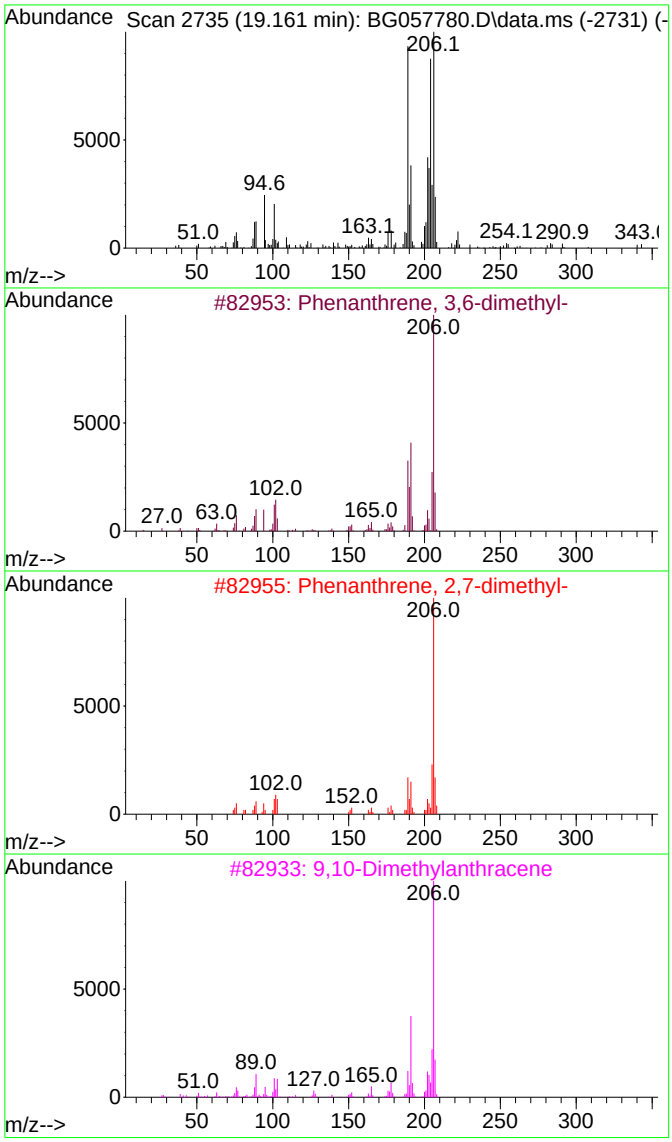
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

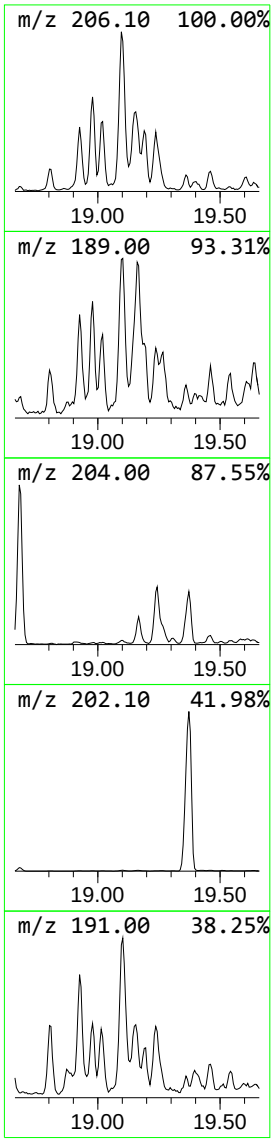
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.161	3.11 ng	92229	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38





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Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-TP6-01-1-5

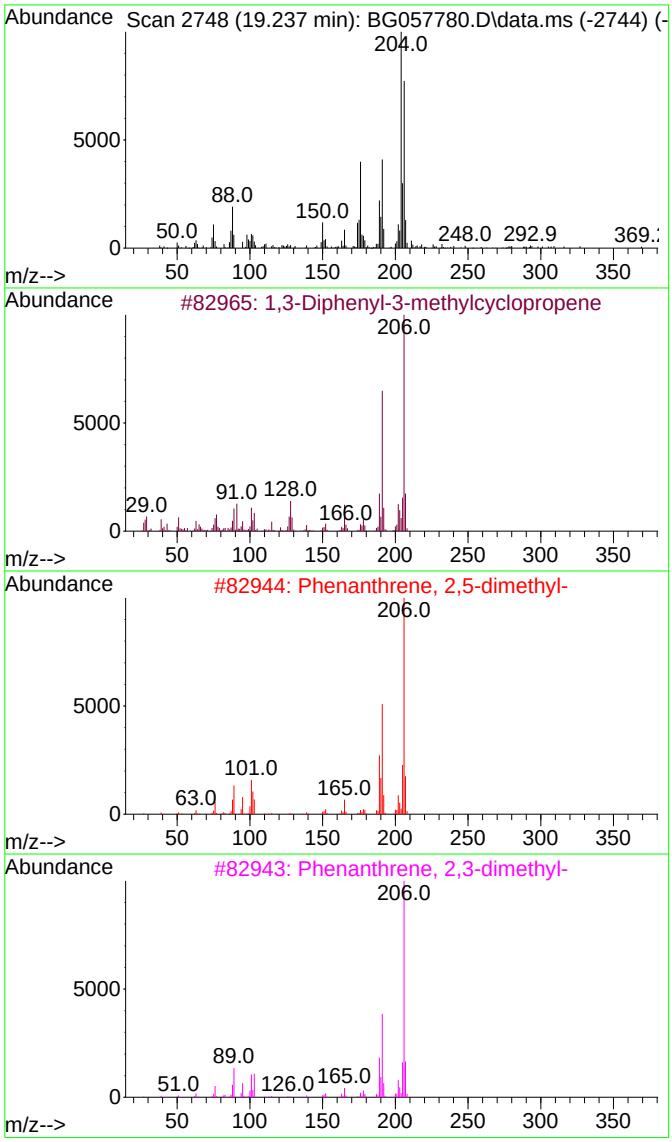
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

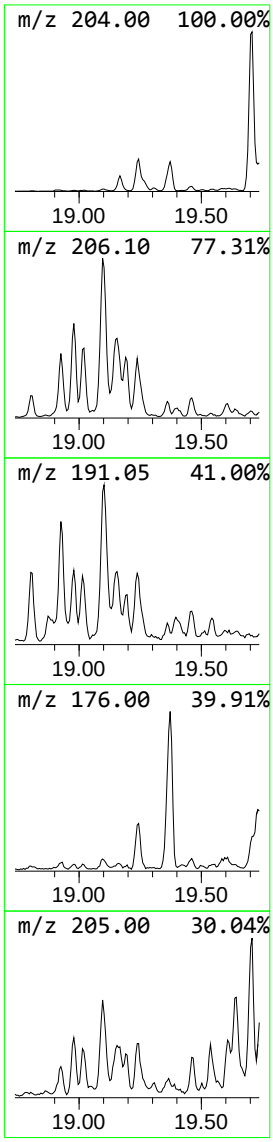
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,3-Diphenyl-3-methylcyclop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.237	8.57 ng	254461	Phenanthrene-d10	17.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50





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Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

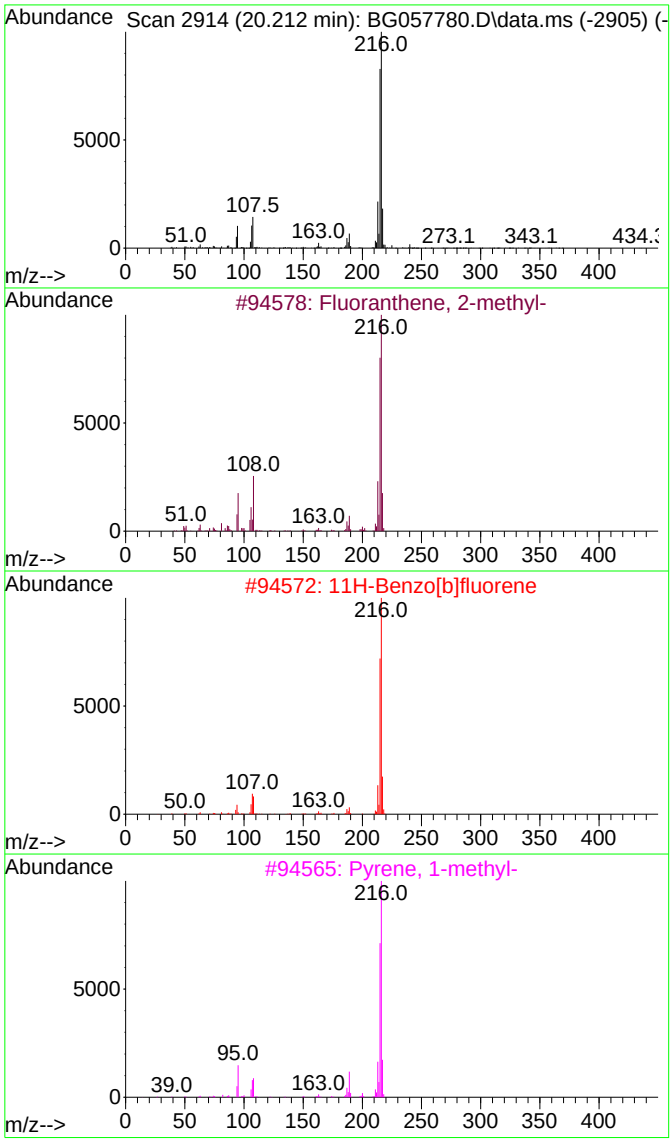
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

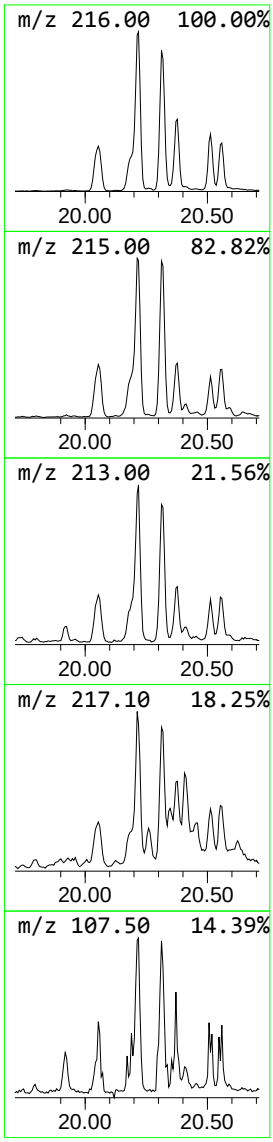
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.212	6.37 ng	897024	Chrysene-d12	21.564

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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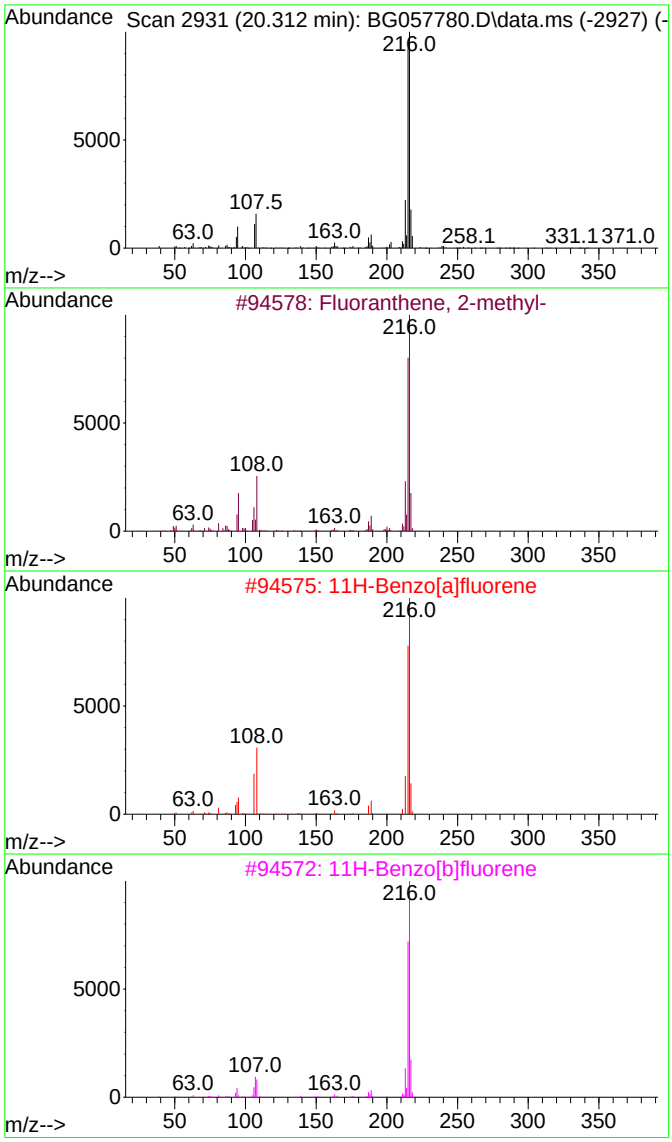
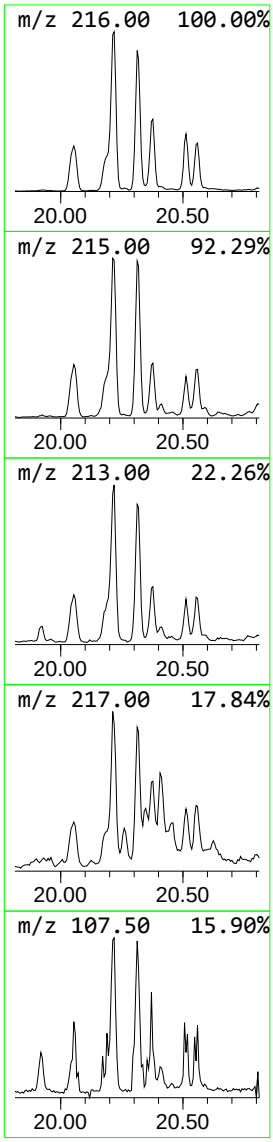
****

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.312	4.39 ng	617718	Chrysene-d12	21.564

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-TP6-01-1-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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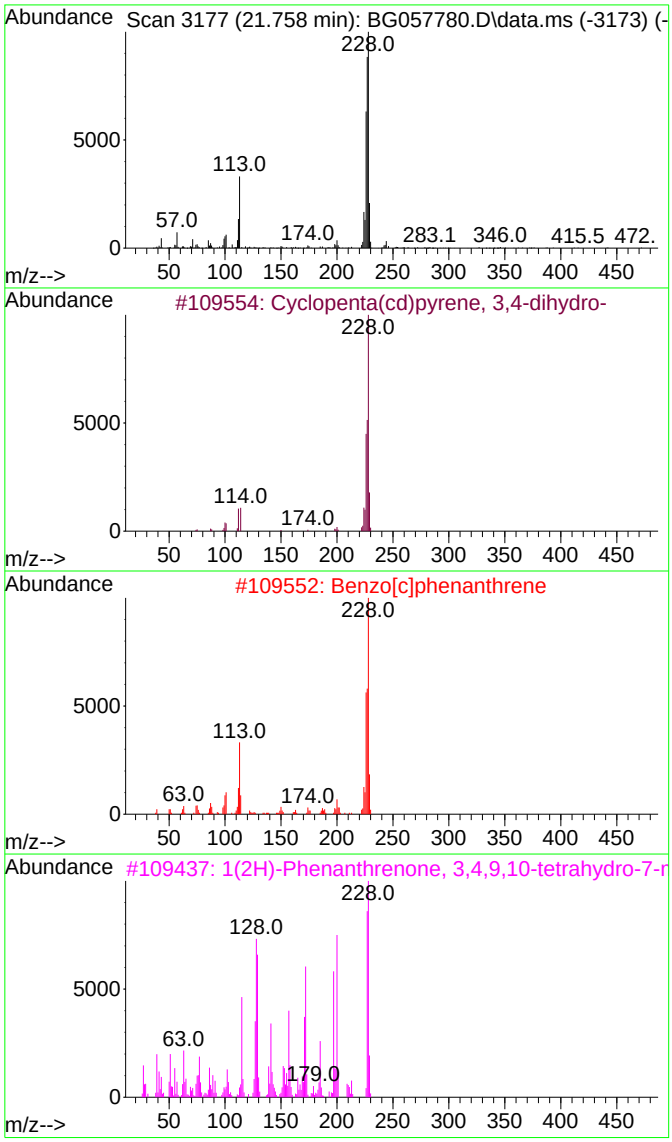
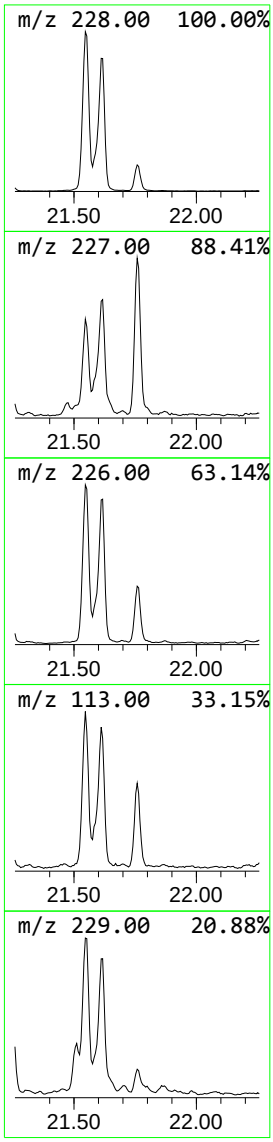
****
Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.758	3.69 ng	519982	Chrysene-d12	21.564

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

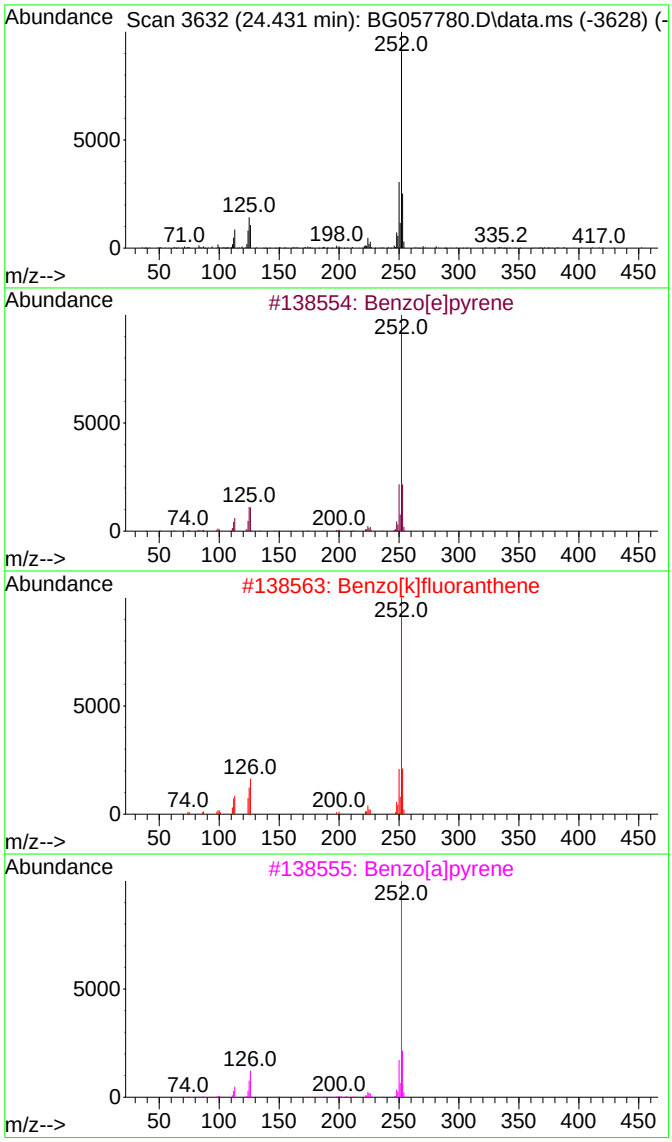
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

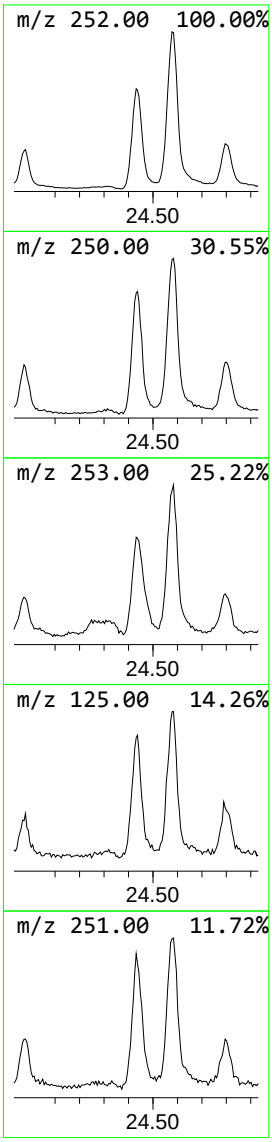
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.431	12.57 ng	749387	Perylene-d12	24.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057780.D
Acq On : 20 Jun 2023 17:37
Operator : CG/JU
Sample : 03256-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSIT-TP6-01-1-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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
2-Pentanone, 4-...	5.036	4.8	ng	71869	1	7.927	297670	20.0
Benzophenone	15.912	3.5	ng	96921	3	14.560	558560	20.0
9H-Fluorene, 1-...	16.605	4.0	ng	119415	4	17.304	593878	20.0
Dibenzothiophene	17.122	6.0	ng	177566	4	17.304	593878	20.0
Phenanthrene, 1...	18.186	16.2	ng	480927	4	17.304	593878	20.0
Phenanthrene, 2...	18.233	15.7	ng	466559	4	17.304	593878	20.0
Phenanthrene, 3...	18.309	6.9	ng	204395	4	17.304	593878	20.0
4H-Cyclopenta[d...	18.379	28.9	ng	857649	4	17.304	593878	20.0
Naphthalene, 2-...	18.679	10.8	ng	321975	4	17.304	593878	20.0
9,10-Anthracene...	18.720	5.5	ng	164469	4	17.304	593878	20.0
Phenanthrene, 4...	18.926	3.7	ng	110800	4	17.304	593878	20.0
Phenanthrene, 3...	18.979	4.7	ng	140752	4	17.304	593878	20.0
Phenanthrene, 2...	19.014	4.2	ng	125020	4	17.304	593878	20.0
3,4-Dimethylphe...	19.102	12.1	ng	359744	4	17.304	593878	20.0
Phenanthrene, 2...	19.161	3.1	ng	92229	4	17.304	593878	20.0
1,3-Diphenyl-3-...	19.237	8.6	ng	254461	4	17.304	593878	20.0
Fluoranthene, 2...	20.212	6.4	ng	897024	5	21.564	2815900	20.0
11H-Benzo[a]flu...	20.312	4.4	ng	617718	5	21.564	2815900	20.0
Cyclopenta(cd)p...	21.758	3.7	ng	519982	5	21.564	2815900	20.0
Benzo[e]pyrene	24.431	12.6	ng	749387	6	24.725	1192250	20.0