LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-A-COMP

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.149	22	27	37	rVB	74770	117226	8.93%	1.381%
2	5.523	424	431	439	rBV	114707	185027	14.10%	2.180%
3	7.109	695	701	711	rBV	117637	201375	15.34%	2.372%
4	7.926	831	840	848	rBV	102486	172585	13.15%	2.033%
5	9.083	1030	1037	1048	rBV	72939	125958	9.60%	1.484%
6	10.723	1309	1316	1326	rBV	135817	241582	18.40%	2.846%
7	13.179	1728	1734	1744	rBV	196964	289599	22.06%	3.412%
8	14.559	1962	1969	1976	rBV	223665	344996	26.28%	4.064%
9	16.052	2216	2223	2233	rBV	374347	589722	44.93%	6.947%
10	17.309	2427	2437	2441	rBV	305437	463160	35.29%	5.456%
11	17.350	2441	2444	2450	rVB	173751	236227	18.00%	2.783%
12	17.438	2455	2459	2466	rVB	32806	47809	3.64%	0.563%
13	17.715	2499	2506	2514	rVB2	13483	26211	2.00%	0.309%
14	18.185	2581	2586	2589	rBV2	31748	51818	3.95%	0.610%
15	18.232	2590	2594	2599	rVB	43783	69786	5.32%	0.822%
16	18.314	2604	2608	2613	rVV	14098	22941	1.75%	0.270%
17	18.378	2613	2619	2623	rVV2	44116	87689	6.68%	1.033%
18	18.414	2623	2625	2633	rVB	26583	37235	2.84%	0.439%
19	18.684	2666	2671	2674	rBV	26903	36985	2.82%	0.436%
20	18.725	2674	2678	2684	rVB3	21594	37617	2.87%	0.443%
21	19.101	2737	2742	2747	rBV	22297	41705	3.18%	0.491%
22	19.166	2747	2753	2756	rBV7	11465	21932	1.67%	0.258%
23	19.242	2761	2766	2772	rBV4	22532	42893	3.27%	0.505%
24	19.366	2781	2787	2792	rBV	326979	477851	36.41%	5.629%
25	19.460	2800	2803	2806	rBV5	11138	15768	1.20%	0.186%
26	19.695	2838	2843	2844	rBV	59054	69447	5.29%	0.818%
27	19.724	2844	2848	2856	rVV	304368	464327	35.37%	5.470%
28	19.794	2856	2860	2867	rVB3	18333	34249	2.61%	0.403%
29	19.924	2875	2882	2887	rBV	989057	1312591	100.00%	15.463%
30	20.065	2897	2906	2909	rBV3	26901	73794	5.62%	0.869%
31	20.217	2928	2932	2939	rVB	46061	80847	6.16%	0.952%
32	20.317	2946	2949	2952	rVB	23245	26877	2.05%	0.317%
33	20.376	2956	2959	2964	rVV2	26088	41567	3.17%	0.490%
34	20.523	2980	2984	2987	rBV2	20878	29005	2.21%	0.342%
35	20.564	2987	2991	2998	rVB2	26445	40671	3.10%	0.479%
36	20.975	3058	3061	3067	rVB	32191	51761	3.94%	0.610%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.240	3102	3106	3112	rVB4	28759	61280	4.67%	0.722%
38	21.563	3154	3161	3166	rBV3	355260	780918	59.49%	9.200%
39	21.610	3166	3169	3178	rVB	142434	226073	17.22%	2.663%
40	21.763	3191	3195	3200	rVB3	24996	38105	2.90%	0.449%
41	23.702	3519	3525	3533	rBV	97526	303959	23.16%	3.581%
42	24.401	3640	3644	3654	rVB	58756	143407	10.93%	1.689%
43	24.548	3663	3669	3680	rVB	87512	229013	17.45%	2.698%
44	24.695	3686	3694	3702	rBV	187885	495110	37.72%	5.833%

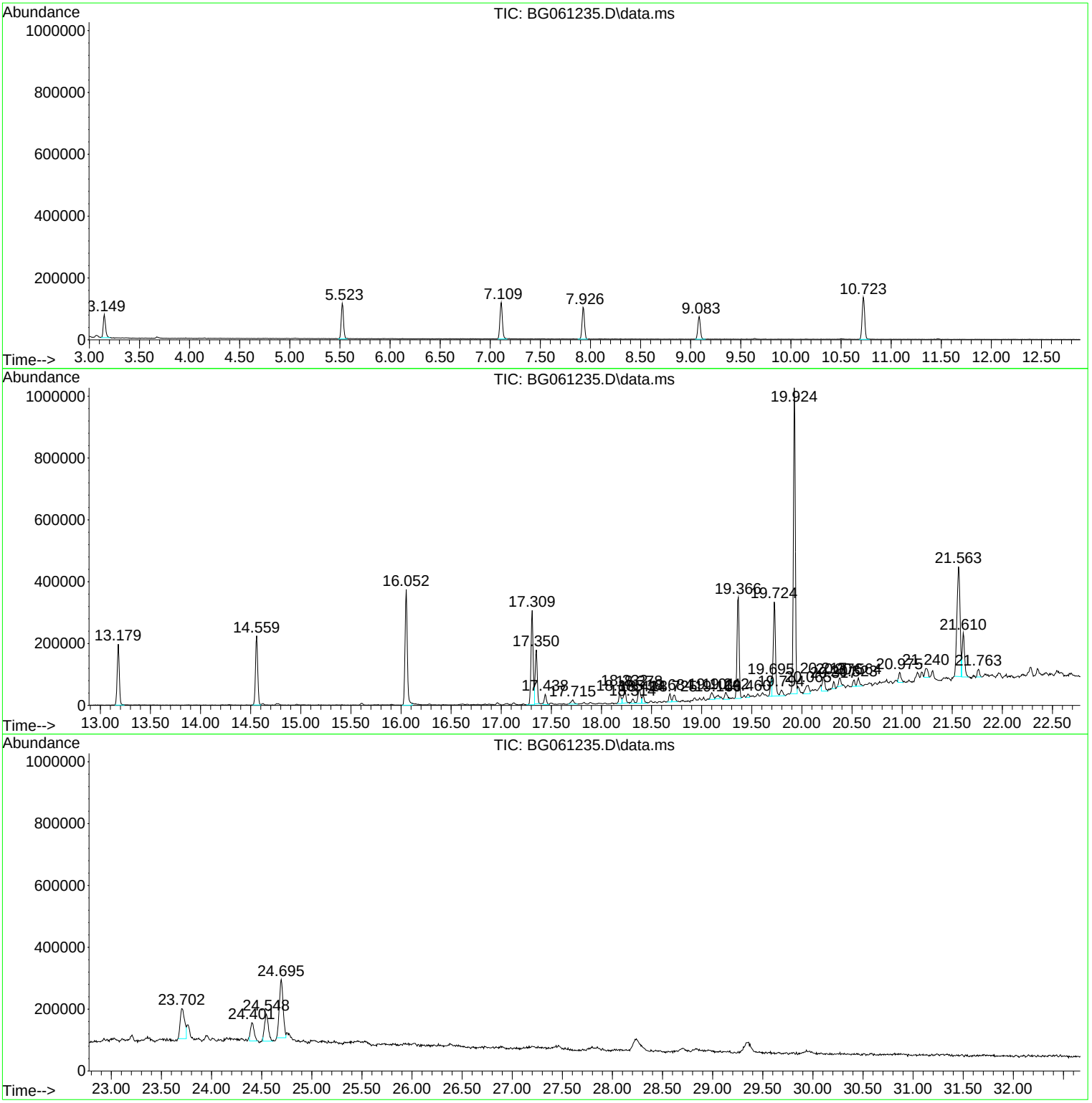
Sum of corrected areas: 8488698

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

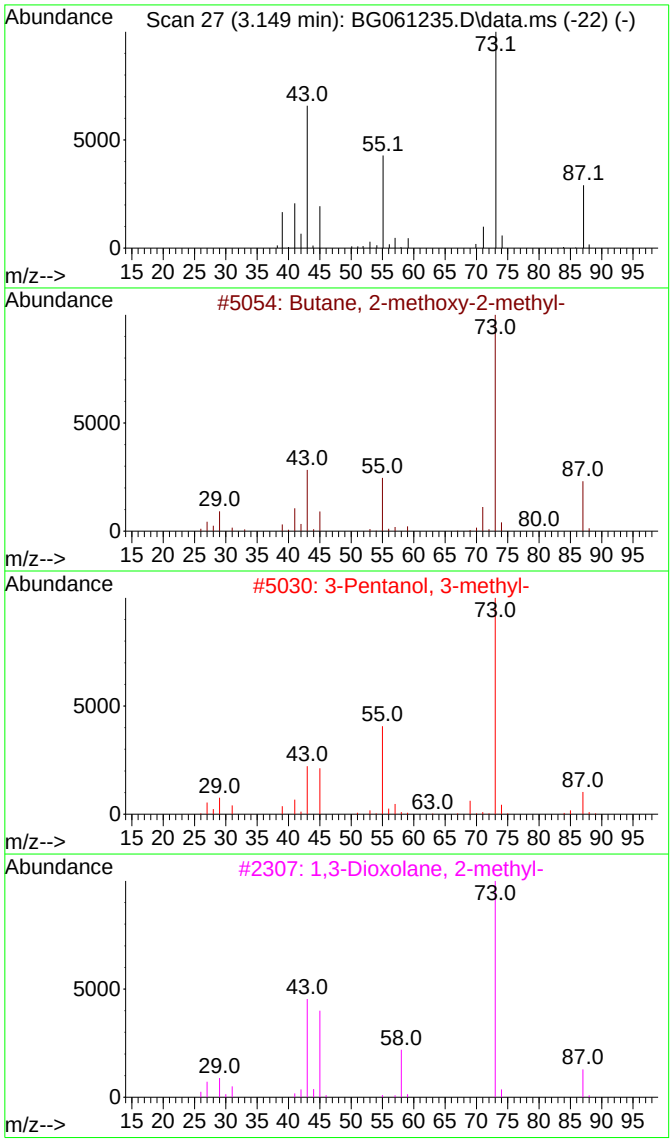
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

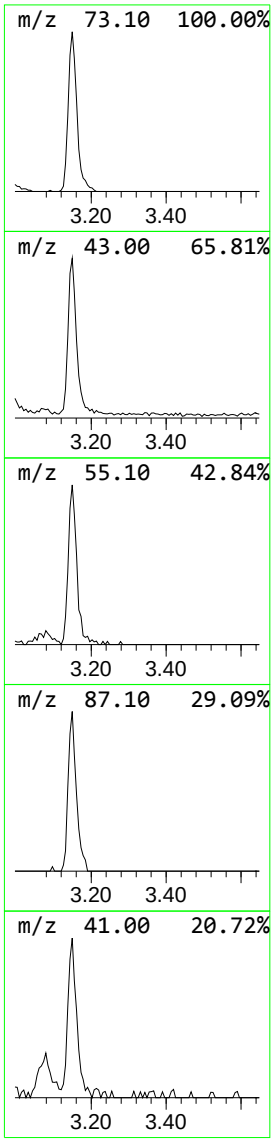
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	13.58 ng	117226	1,4-Dichlorobenzene-d4	7.926

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	42
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

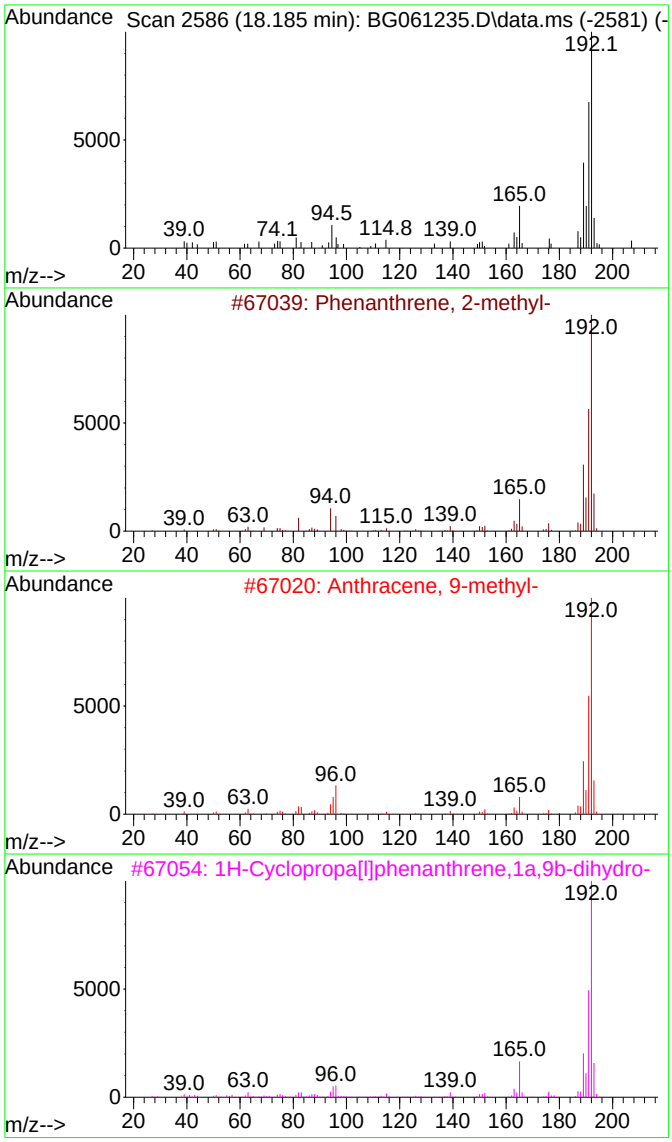
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

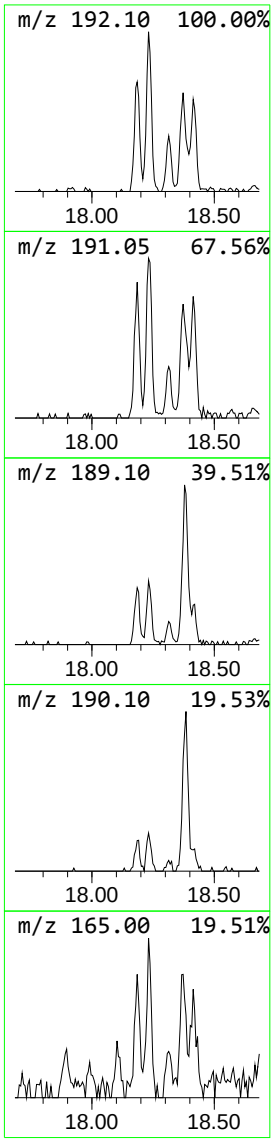
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.185	2.24 ng	51818	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

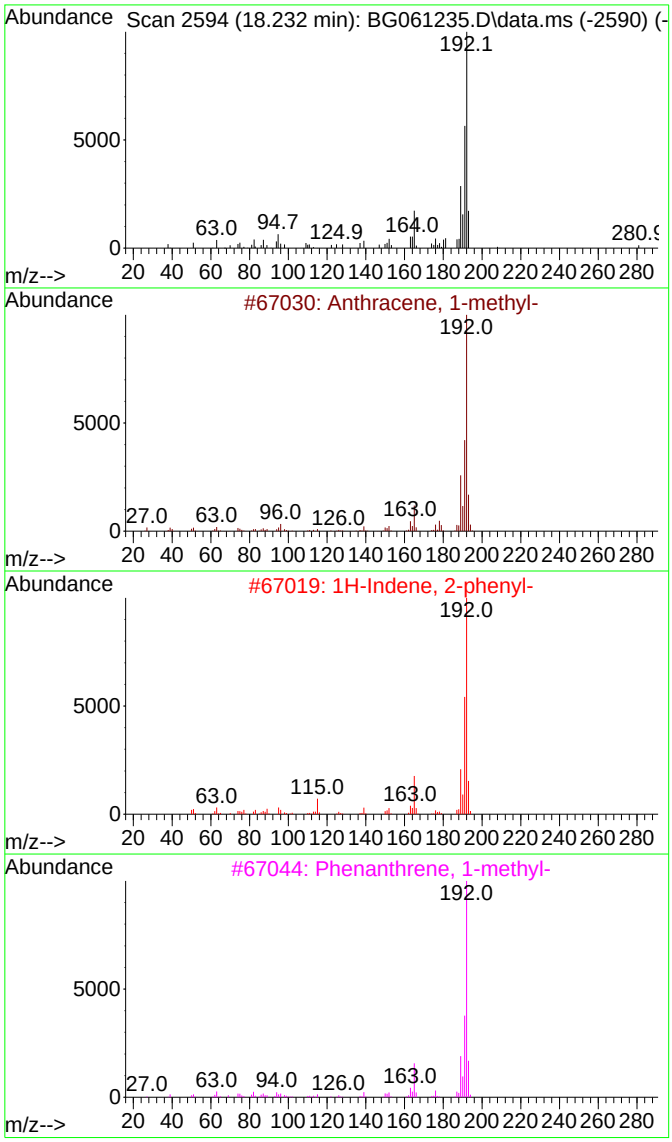
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

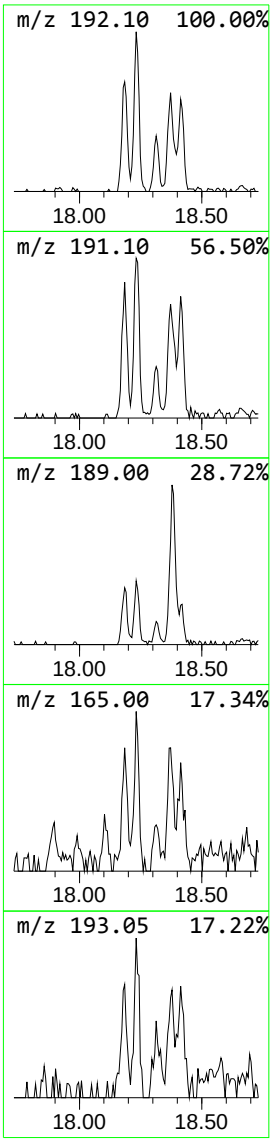
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.232	3.01 ng	69786	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

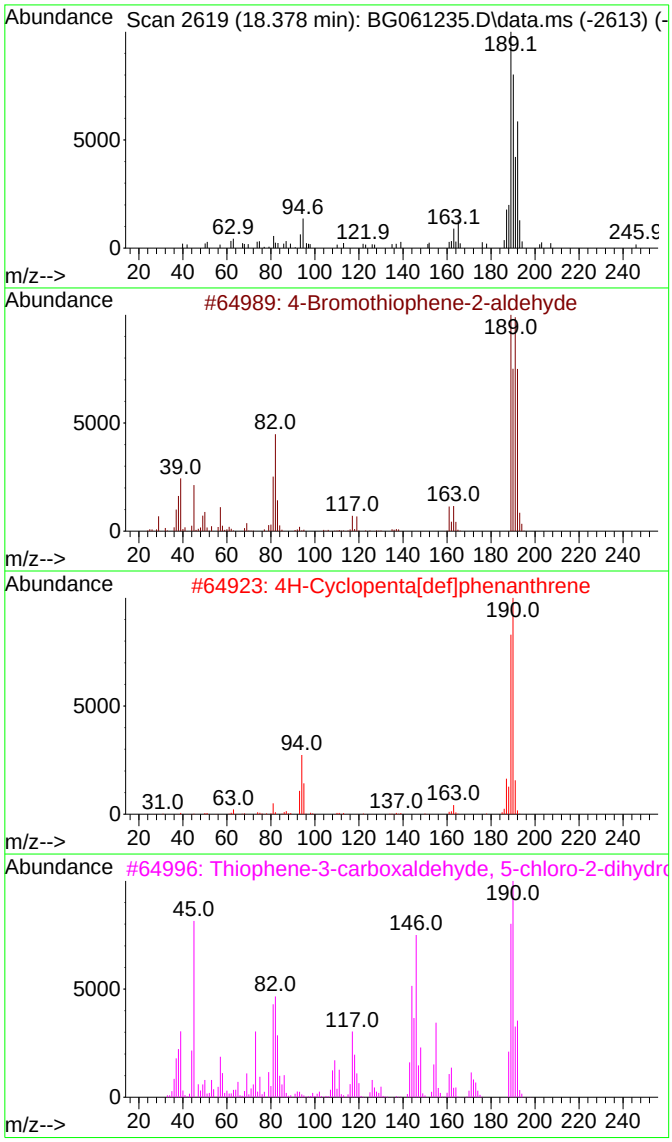
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

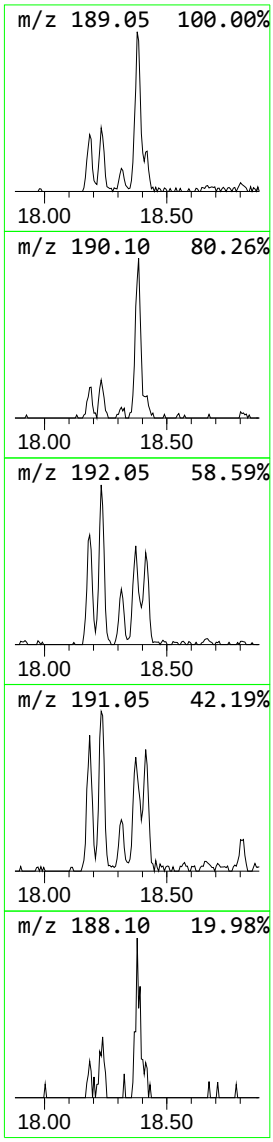
****

Peak Number 4 4-Bromothiophene-2-aldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.378	3.79 ng	87689	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	2-Chloro-5-(difluoromethyl)anili...	191	C8H8ClF2N	1860643-36-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

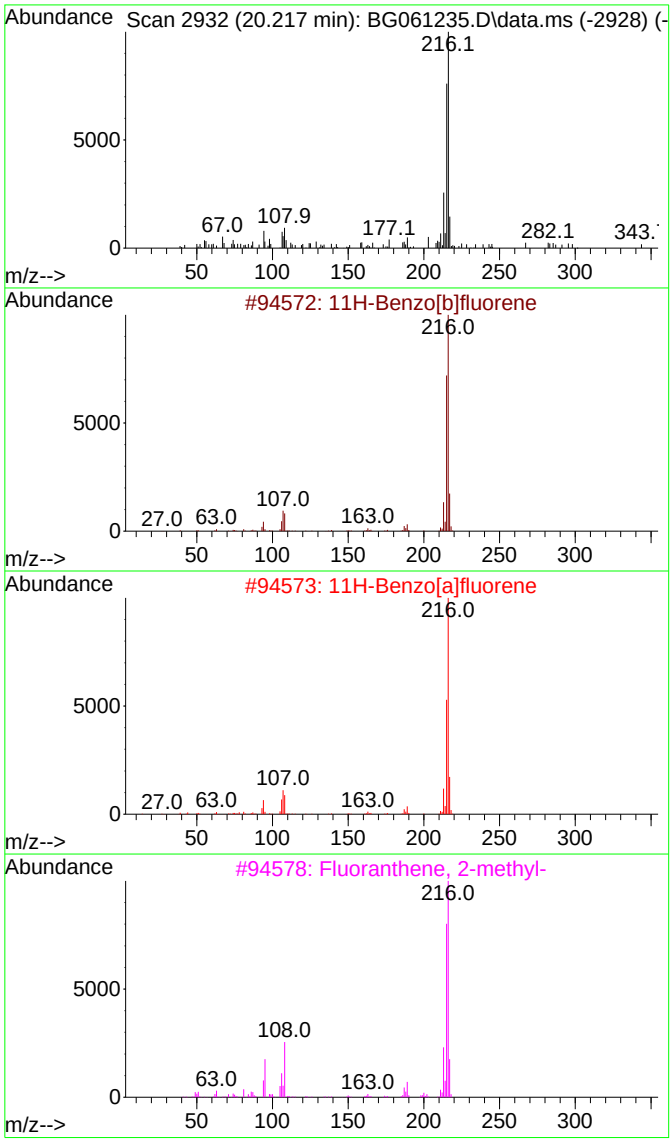
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

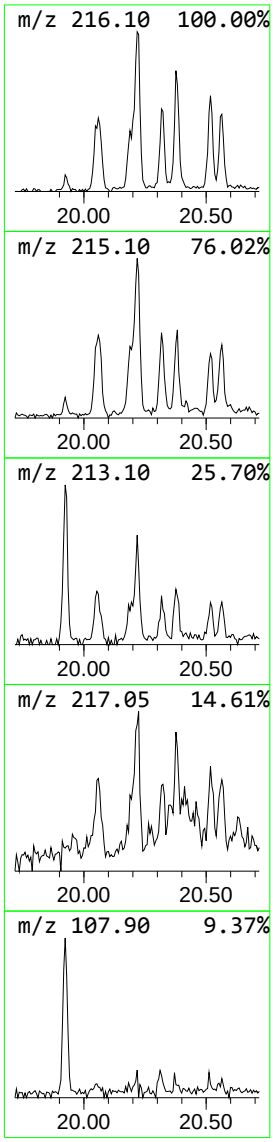
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.218	2.07 ng	80847	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

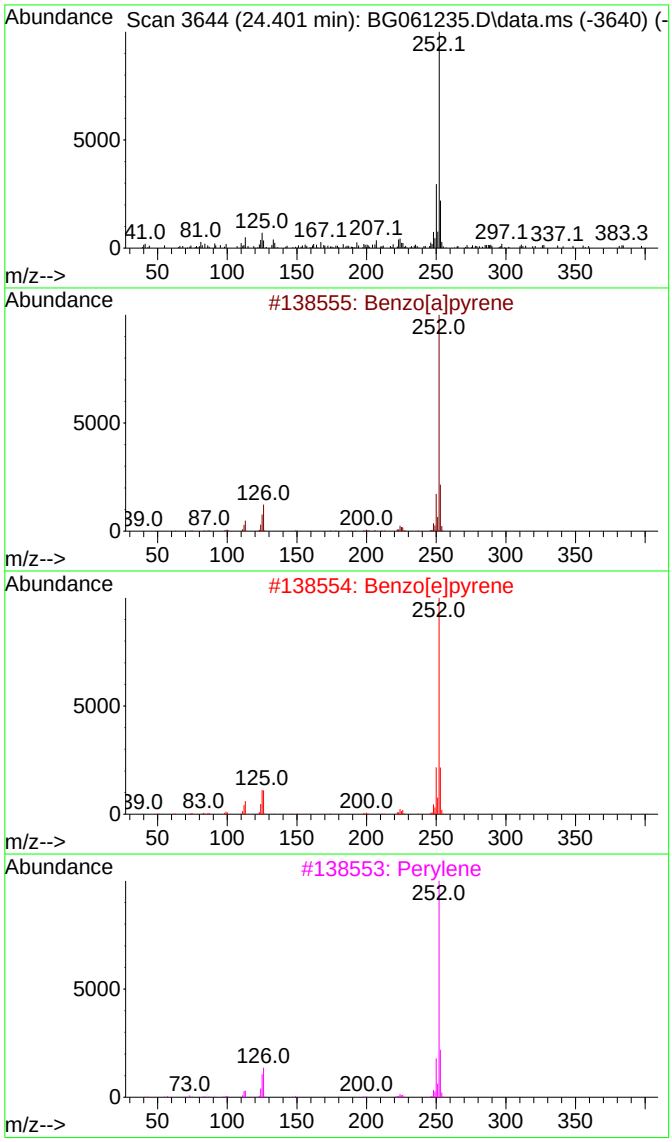
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

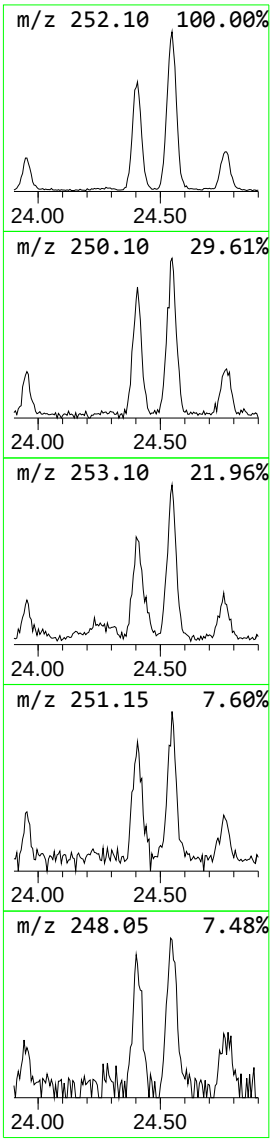
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.401	5.79 ng	143407	Perylene-d12	24.695

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	81
3	Perylene	252	C20H12	000198-55-0	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061235.D
Acq On : 17 May 2024 12:27
Operator : MA/JU
Sample : P2487-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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...	3.149	13.6	ng	117226	1	7.926	172585	20.0
Phenanthrene, 2...	18.185	2.2	ng	51818	4	17.309	463160	20.0
Anthracene, 1-m...	18.232	3.0	ng	69786	4	17.309	463160	20.0
4-Bromothiophen...	18.378	3.8	ng	87689	4	17.309	463160	20.0
11H-Benzo[b]flu...	20.218	2.1	ng	80847	5	21.569	780918	20.0
Benzo[e]pyrene	24.401	5.8	ng	143407	6	24.695	495110	20.0