LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

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_P\Methods\8270E-BP052423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP015325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.640	410	417	426	rBV	2089293	3101531	9.53%	3.460%
2	7.263	683	693	704	rBV	1989040	3147763	9.67%	3.512%
3	8.105	828	836	846	rBV	625213	998319	3.07%	1.114%
4	9.281	1029	1036	1049	rBV	1176554	1989044	6.11%	2.219%
5	10.934	1303	1317	1323	rBV	787533	1351359	4.15%	1.508%
6	13.375	1725	1732	1741	rBV	2912083	4179808	12.85%	4.663%
7	14.475	1913	1919	1927	rBV	387002	654039	2.01%	0.730%
8	14.751	1956	1966	1972	rBV	1100323	1702074	5.23%	1.899%
9	15.792	2138	2143	2152	rBV2	259861	465241	1.43%	0.519%
10	16.239	2210	2219	2226	rBV	2569621	3722322	11.44%	4.153%
11	17.504	2428	2434	2437	rBV	1501348	2111823	6.49%	2.356%
12	17.545	2437	2441	2448	rVB	2129738	2951395	9.07%	3.293%
13	17.639	2452	2457	2462	rVV	811098	1170345	3.60%	1.306%
14	18.357	2575	2579	2584	rBV	950024	1392479	4.28%	1.554%
15	18.404	2584	2587	2592	rVB	529018	729704	2.24%	0.814%
16	18.486	2597	2601	2606	rVV	268241	370286	1.14%	0.413%
17	18.551	2606	2612	2615	rVV3	666711	1246794	3.83%	1.391%
18	18.580	2615	2617	2623	rVB	338373	424444	1.30%	0.474%
19	19.239	2725	2729	2734	rBV	377240	563282	1.73%	0.628%
20	19.380	2749	2753	2759	rBV4	195951	438095	1.35%	0.489%
21	19.498	2768	2773	2778	rVB	3015062	3823975	11.75%	4.266%
22	19.816	2824	2827	2829	rBV2	288637	396039	1.22%	0.442%
23	19.851	2829	2833	2840	rVB	2843414	3763115	11.56%	4.198%
24	20.039	2860	2865	2869	rBV	4922851	5892518	18.11%	6.574%
25	20.427	2927	2931	2935	rBV	405362	542978	1.67%	0.606%
26	20.486	2938	2941	2945	rVB	303942	362043	1.11%	0.404%
27	20.622	2961	2964	2968	rBV	334917	415903	1.28%	0.464%
28	20.663	2969	2971	2981	rVB	330292	522733	1.61%	0.583%
29	21.257	3069	3072	3076	rVB2	859332	1008226	3.10%	1.125%
30	21.580	3120	3127	3131	rBV2	2061759	4416375	13.57%	4.927%
31	21.621	3131	3134	3143	rVB	1159181	1476009	4.54%	1.647%
32	22.186	3221	3230	3255	rVB3	5924719	32539195	100.00%	36.303%
33	24.139	3558	3562	3568	rVB	984730	1763966	5.42%	1.968%

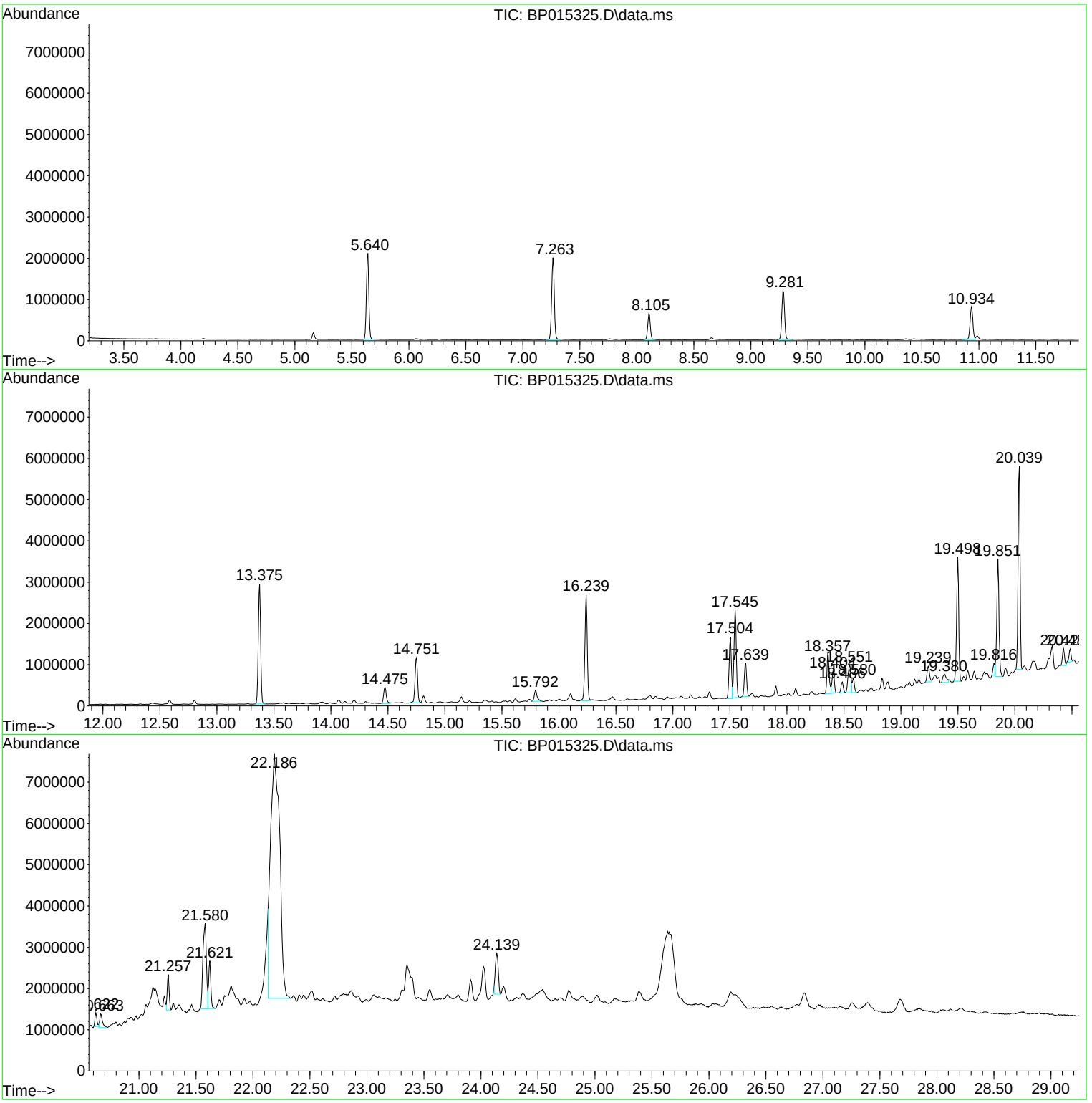
Sum of corrected areas: 89633222

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
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Misc :
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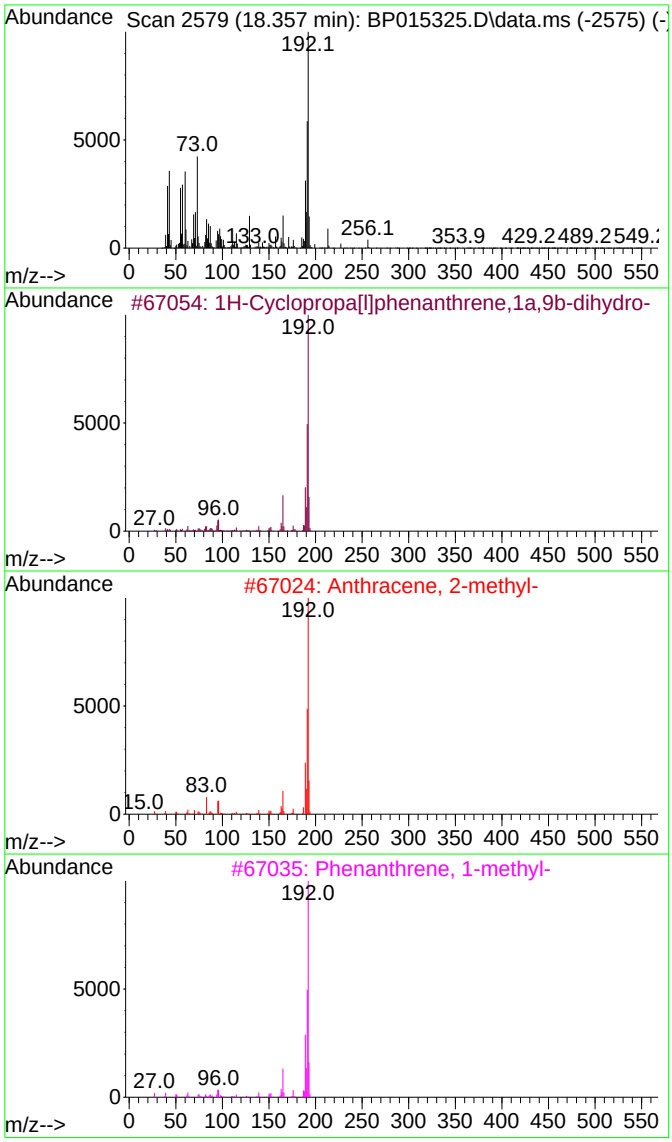
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

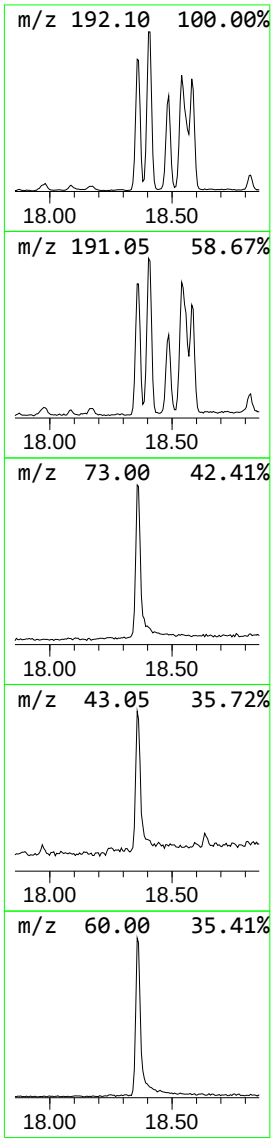
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	13.19 ng	1392480	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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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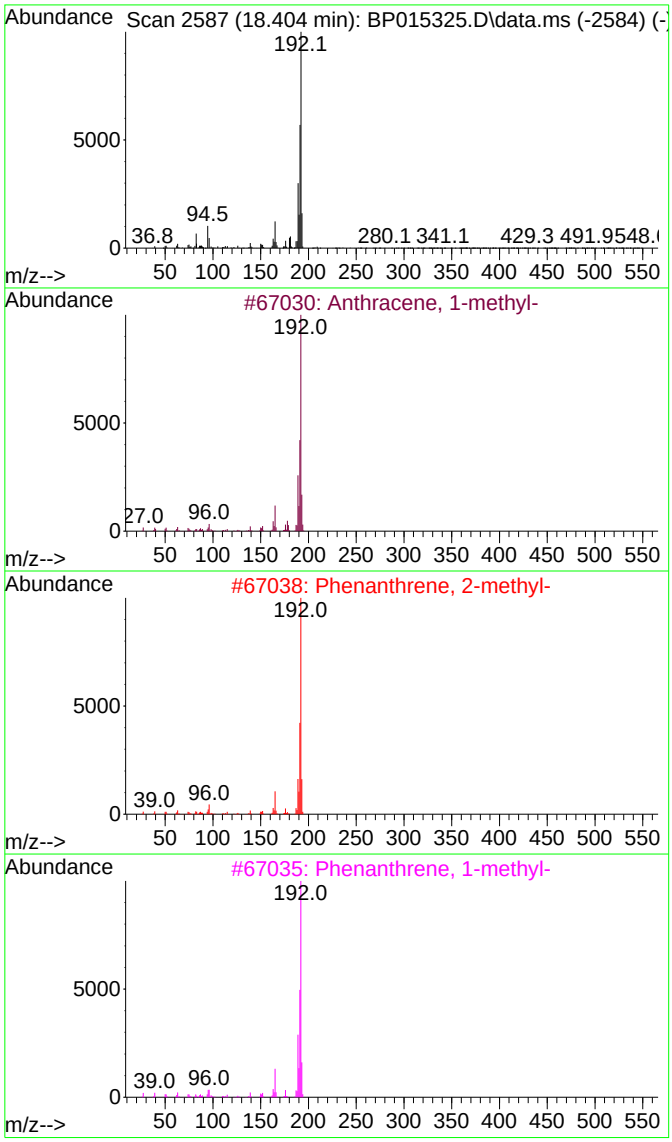
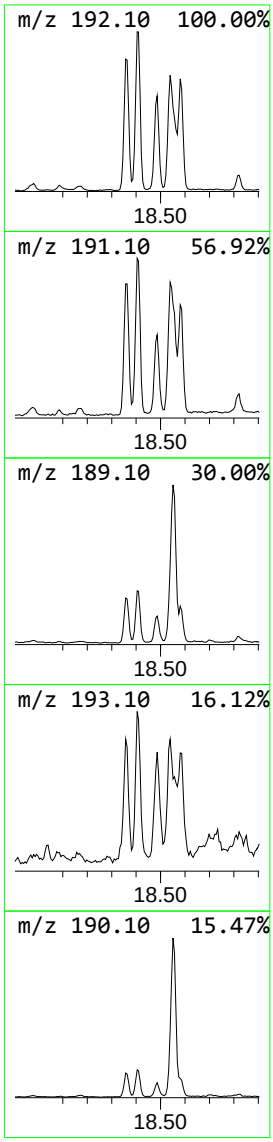
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	6.91 ng	729704	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

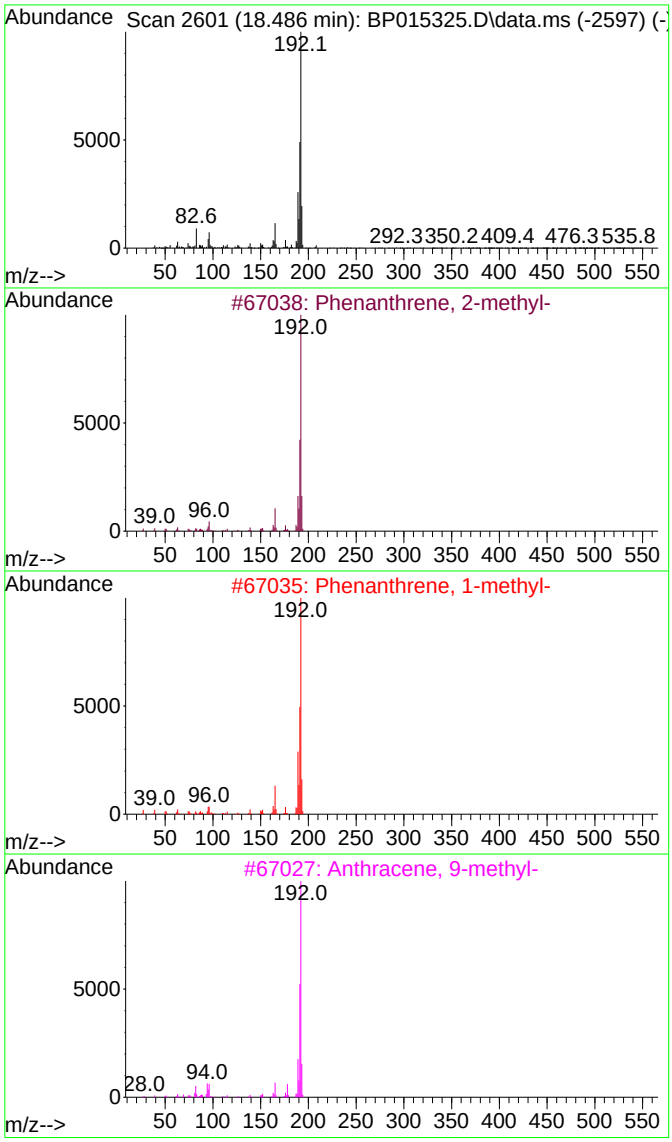
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

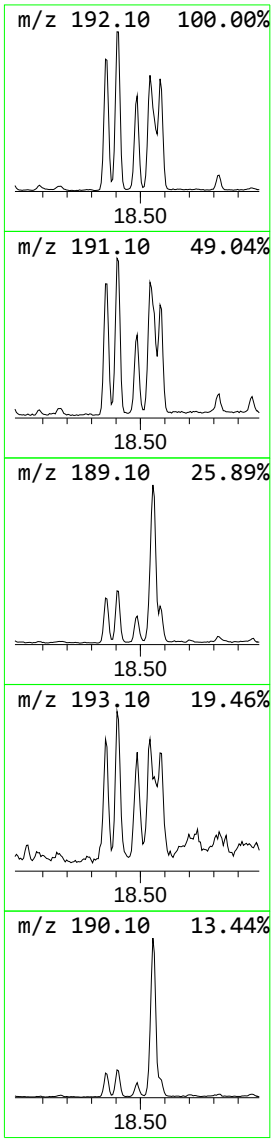
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	3.51 ng	370286	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

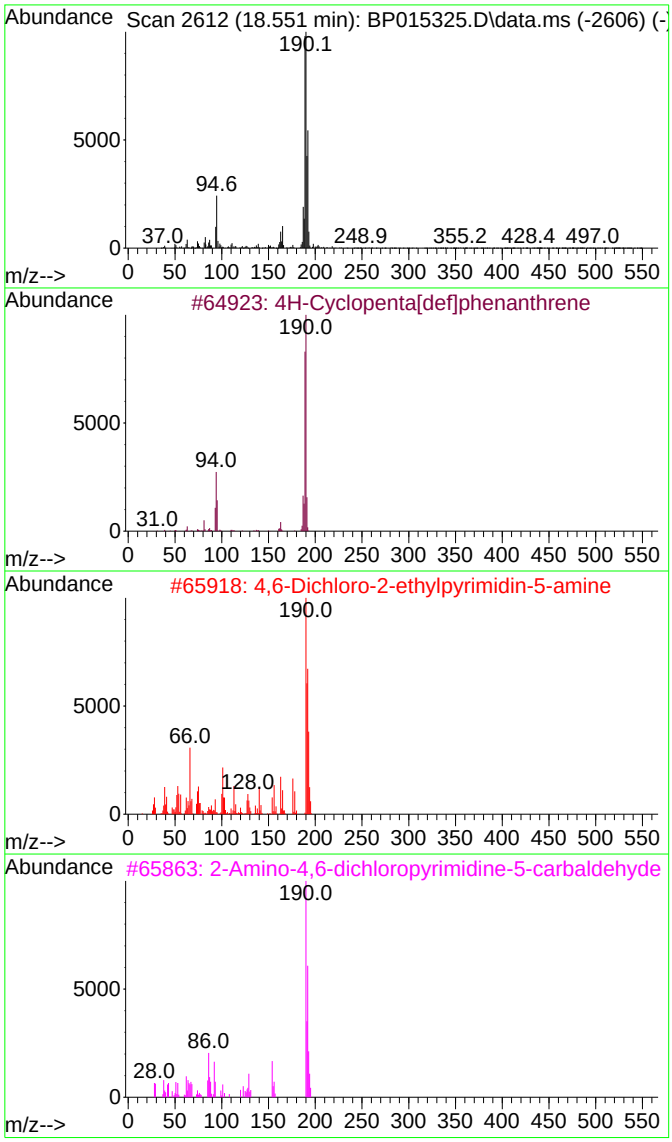
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

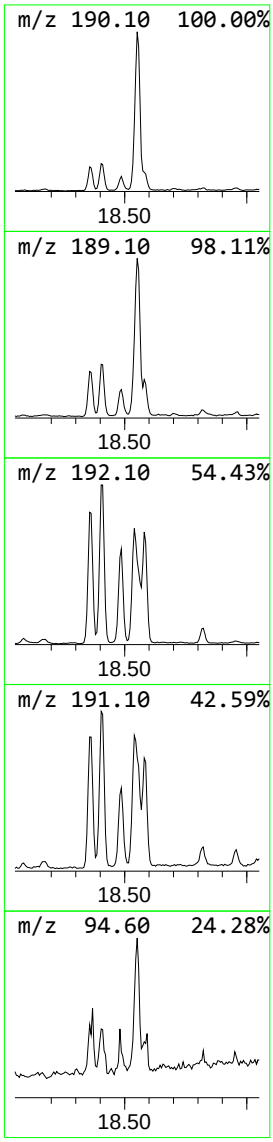
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	11.81 ng	1246790	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

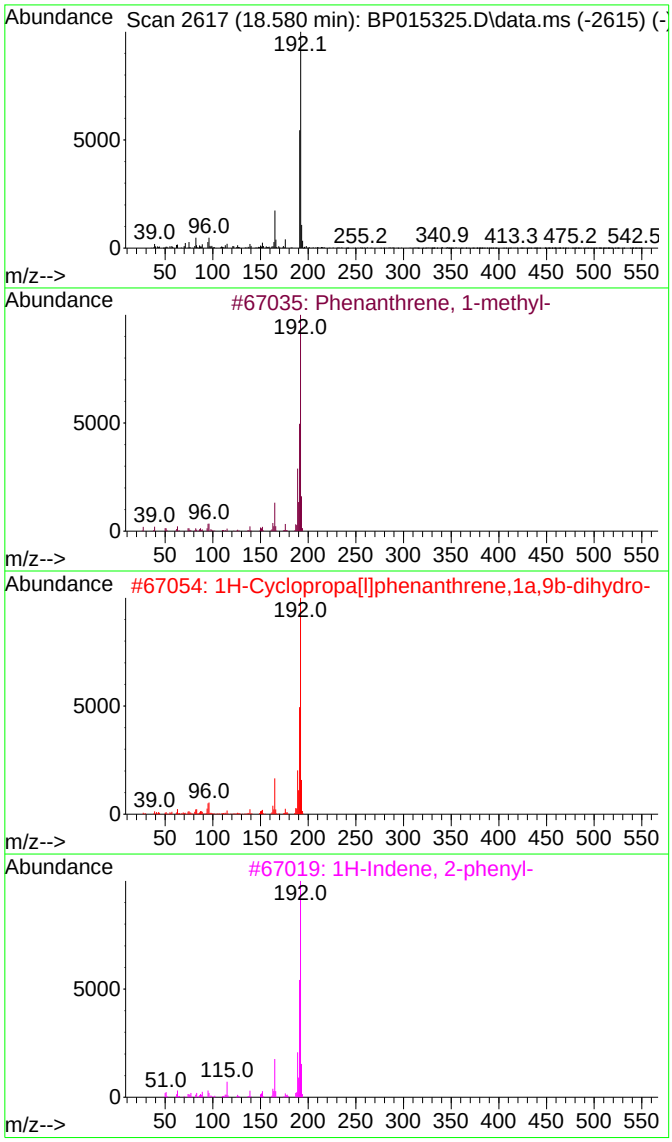
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

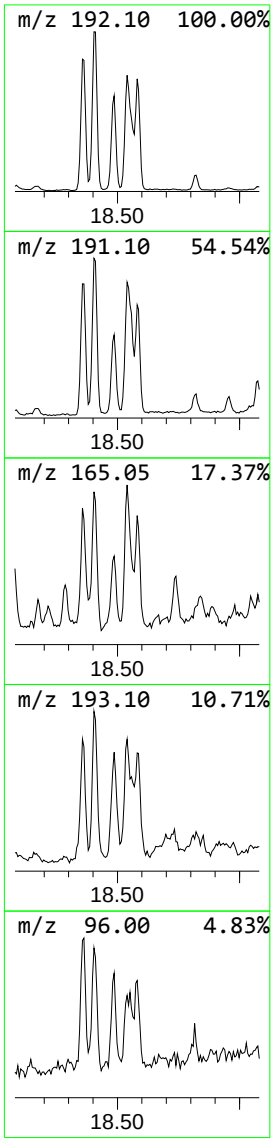
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.581	4.02 ng	424444	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

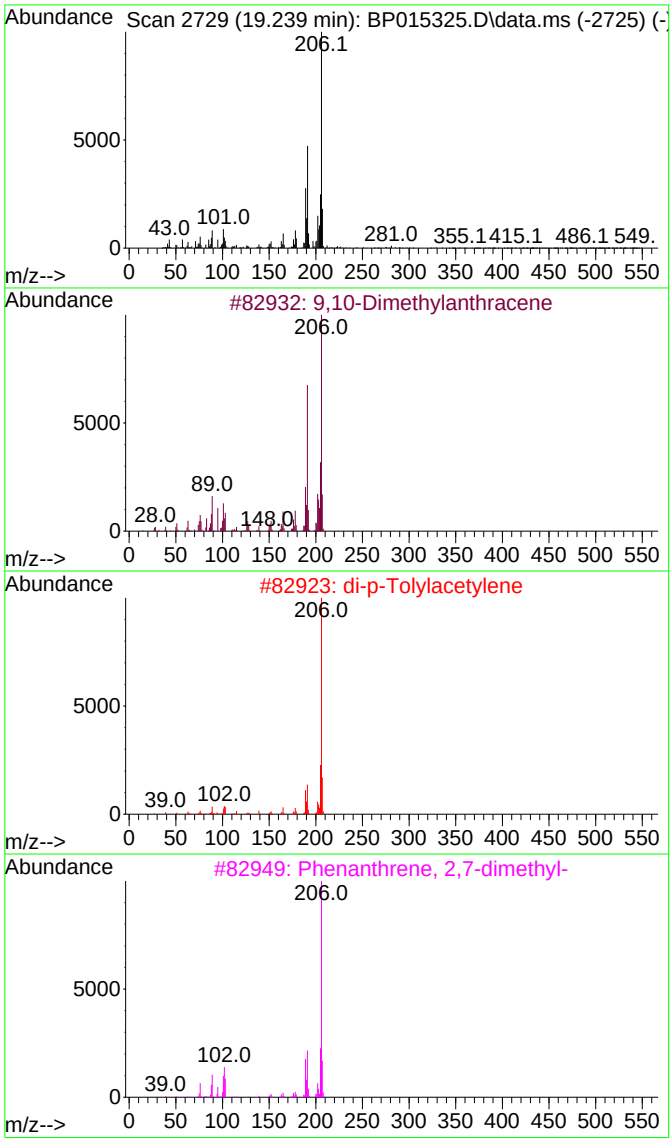
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

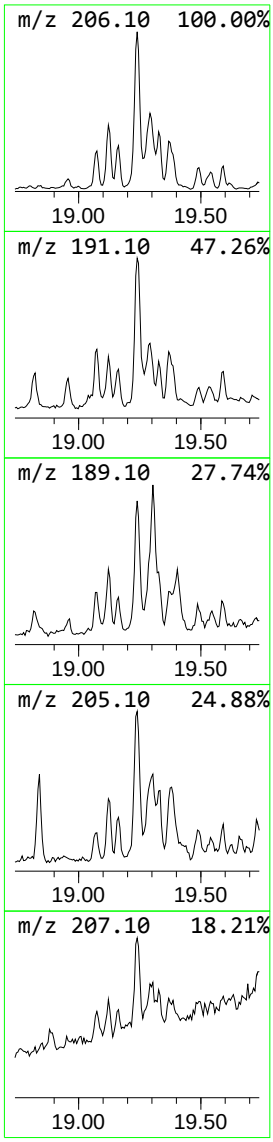
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	5.33 ng	563282	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

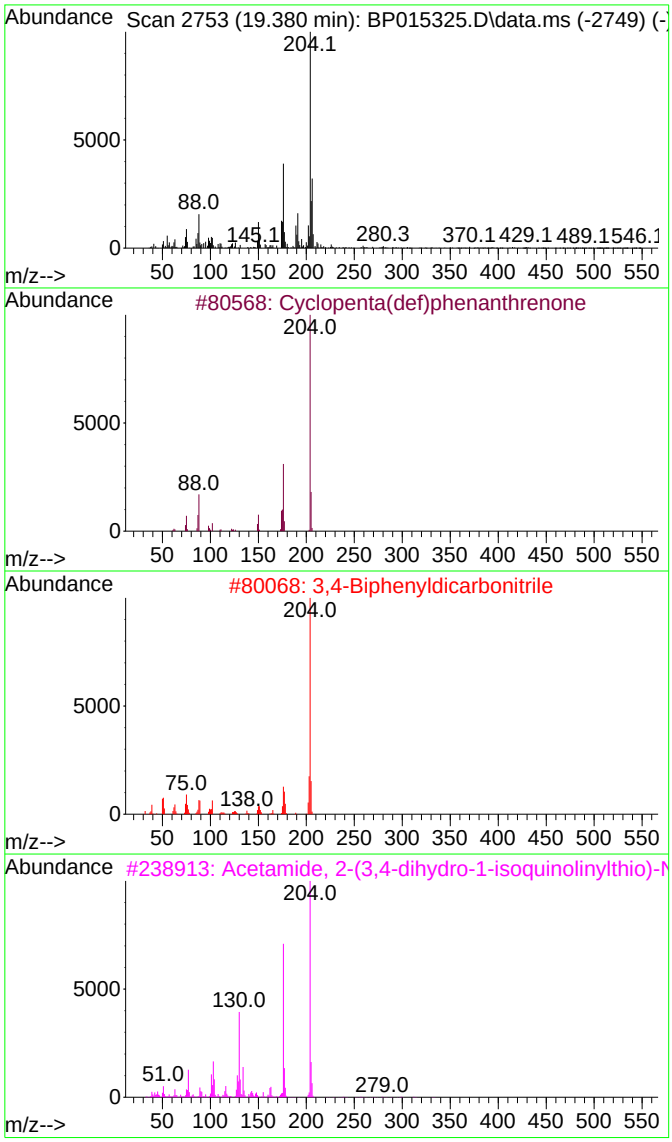
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

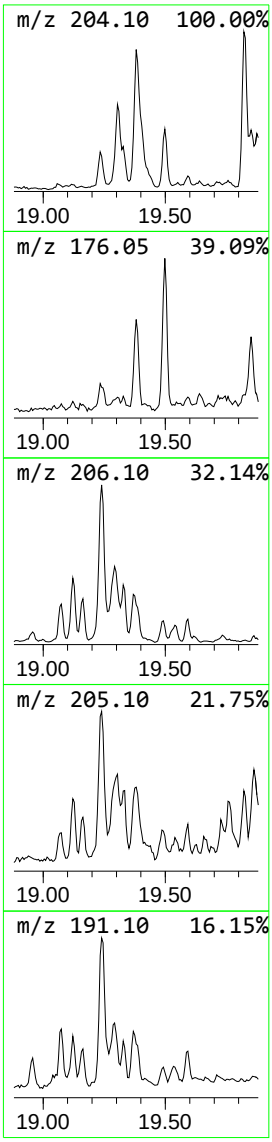
****

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	4.15 ng	438095	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
5	2-t-Butyl-thiazolidine-3,4-dicar...	261	C11H19NO4S	1000192-60-1	46





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

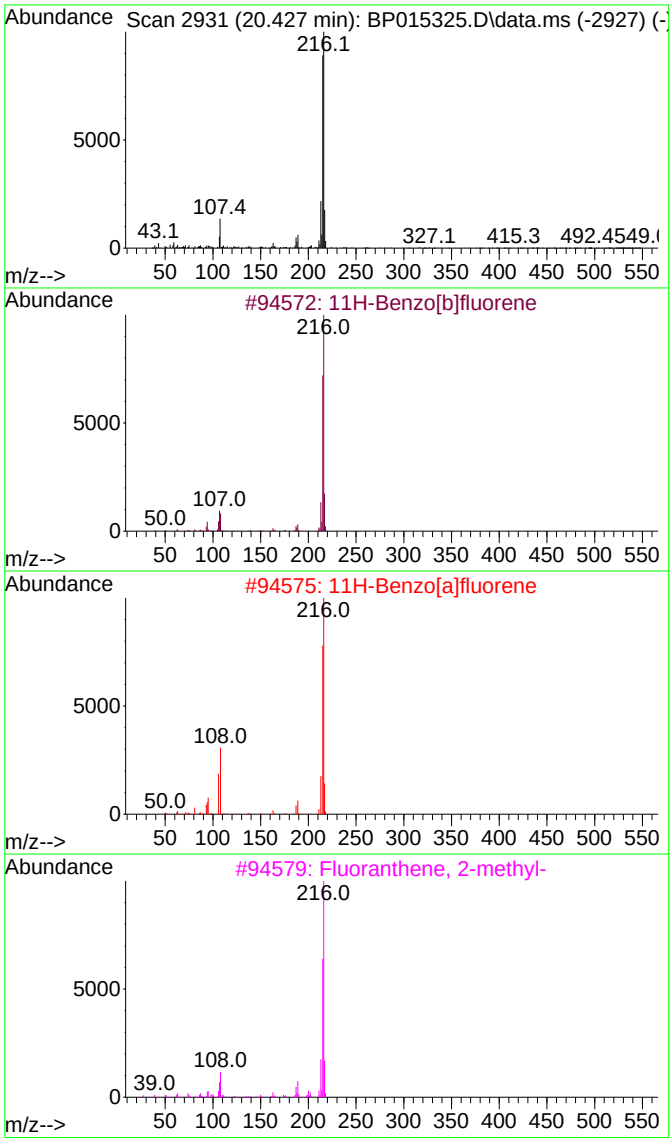
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

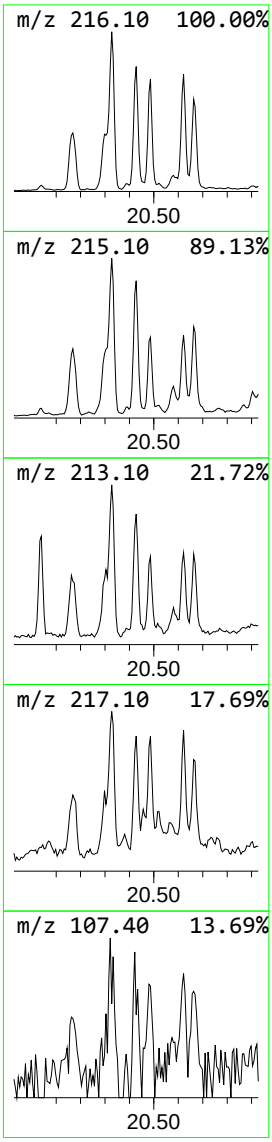
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.427	2.46 ng	542978	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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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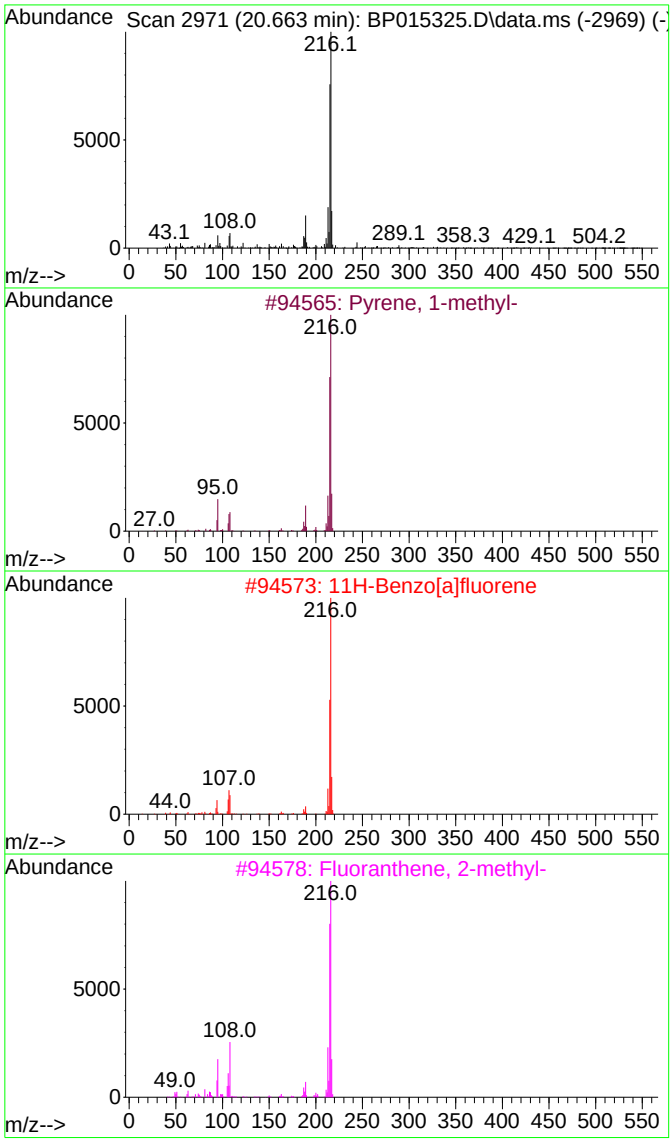
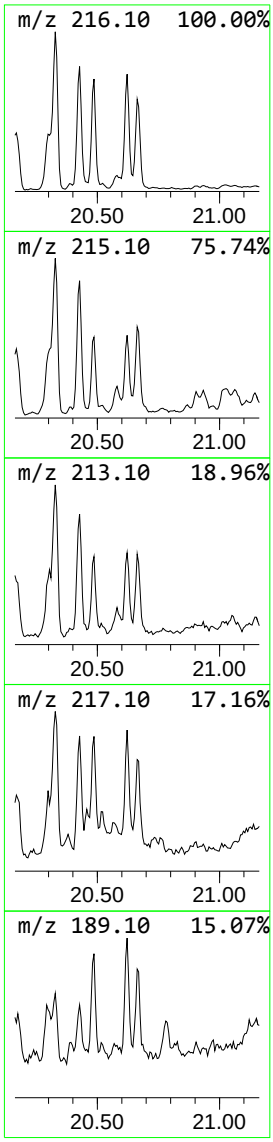
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.663	2.37 ng	522733	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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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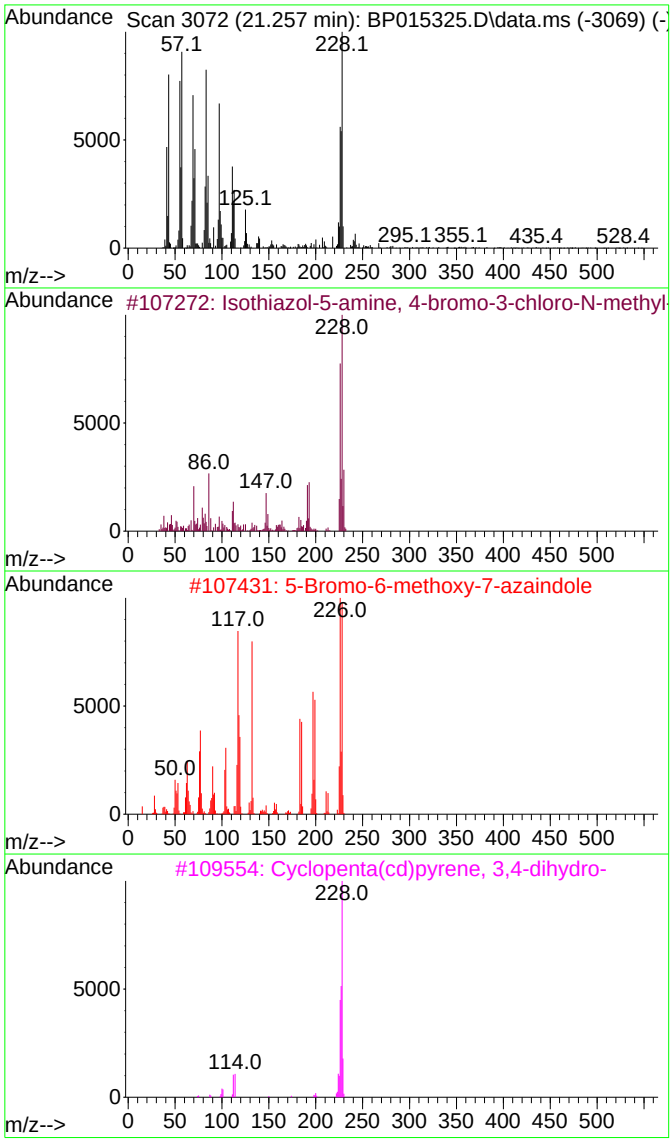
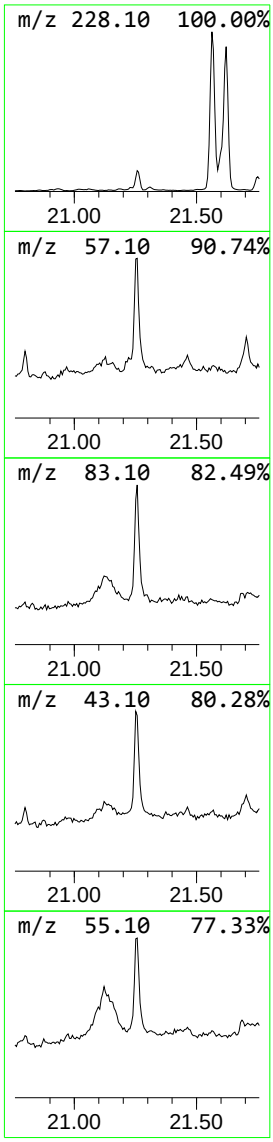
Peak Number 10 unknown21.257 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	4.57 ng	1008230	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	27
2	5-Bromo-6-methoxy-7-azaindole	226	C8H7BrN2O	1190321-63-1	25
3	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	25
4	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	18
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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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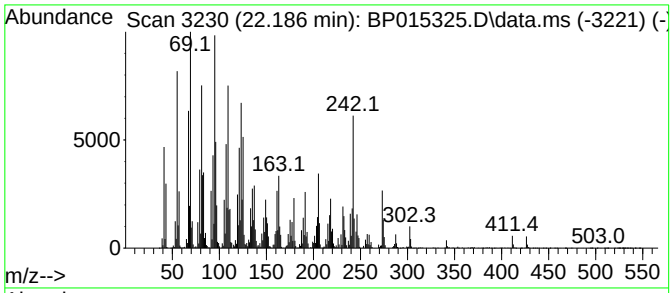
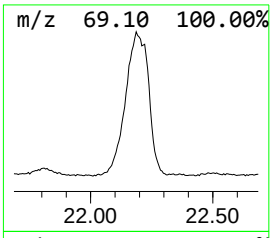
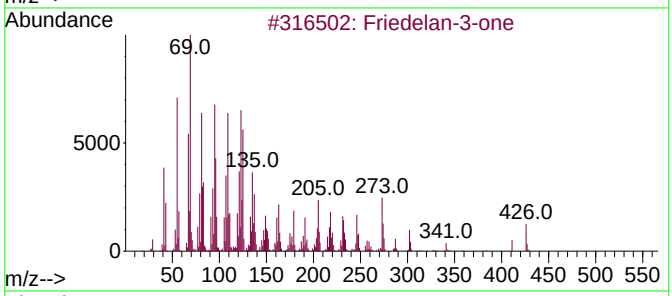
Peak Number 11 Friedelan-3-one Concentration Rank 1

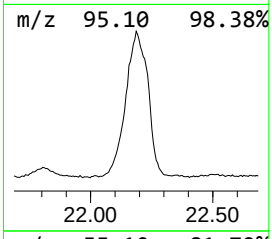
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.186	147.36 ng	32539200	Chrysene-d12	21.580

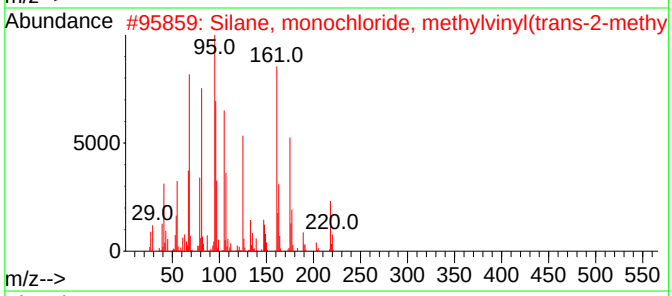
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	96
2	Silane, monochloride, methylviny...	218	C10H19ClOSi	1000421-09-7	62
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
4	7-Tetradecyne	194	C14H26	035216-11-6	50
5	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	45

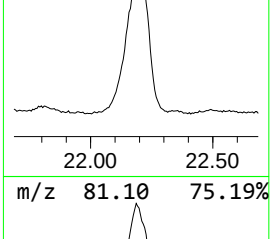


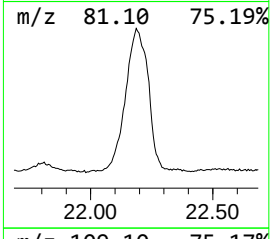


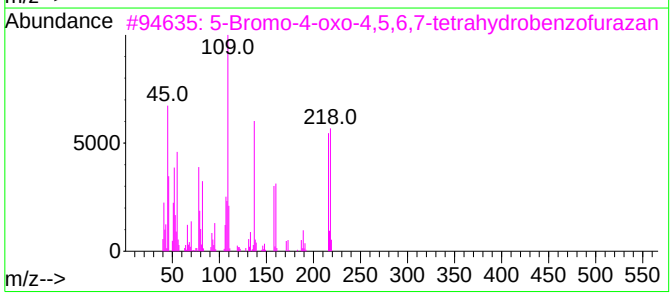


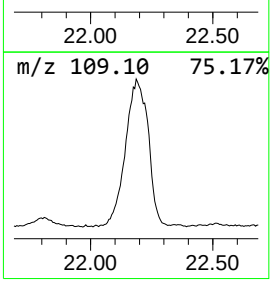












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015325.D
Acq On : 27 May 2023 00:09
Operator : CG/JU
Sample : 02923-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-052423

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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
1H-Cyclopropa[l...	18.357	13.2	ng	1392480	4	17.504	2111820	20.0
Anthracene, 1-m...	18.404	6.9	ng	729704	4	17.504	2111820	20.0
Phenanthrene, 2...	18.486	3.5	ng	370286	4	17.504	2111820	20.0
4H-Cyclopenta[d...	18.551	11.8	ng	1246790	4	17.504	2111820	20.0
Phenanthrene, 1...	18.581	4.0	ng	424444	4	17.504	2111820	20.0
9,10-Dimethylan...	19.239	5.3	ng	563282	4	17.504	2111820	20.0
Cyclopenta(def)...	19.380	4.2	ng	438095	4	17.504	2111820	20.0
11H-Benzo[b]flu...	20.427	2.5	ng	542978	5	21.580	4416380	20.0
Pyrene, 1-methyl-	20.663	2.4	ng	522733	5	21.580	4416380	20.0
unknown21.257	21.257	4.6	ng	1008230	5	21.580	4416380	20.0
Friedelan-3-one	22.186	147.4	ng	32539200	5	21.580	4416380	20.0