LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	9	13	26	rVB	253922	437730	2.46%	0.234%
2	5.416	405	413	422	rBV	2469106	4153599	23.31%	2.223%
3	6.993	671	681	697	rBV	2654711	4849760	27.22%	2.596%
4	7.816	814	821	829	rBV	1705559	2923226	16.41%	1.565%
5	8.969	1008	1017	1029	rBV	1708940	2984267	16.75%	1.597%
6	10.610	1288	1296	1303	rBV	2478420	4451914	24.99%	2.383%
7	13.081	1709	1716	1728	rBV	4368237	6900746	38.73%	3.693%
8	14.175	1897	1902	1911	rVB	149236	245563	1.38%	0.131%
9	14.457	1943	1950	1956	rBV	3792682	6060087	34.01%	3.243%
10	14.516	1956	1960	1969	rVB	238094	421888	2.37%	0.226%
11	15.510	2124	2129	2134	rVB	152045	231925	1.30%	0.124%
12	15.951	2198	2204	2213	rBV	4062266	6342623	35.60%	3.395%
13	16.192	2241	2245	2249	rBV4	115327	190920	1.07%	0.102%
14	16.869	2356	2360	2367	rVB2	153528	267544	1.50%	0.143%
15	17.033	2384	2388	2400	rVB	185315	351195	1.97%	0.188%
16	17.216	2413	2419	2423	rBV	4639601	7479712	41.98%	4.003%
17	17.263	2423	2427	2433	rVV	3602593	5513524	30.94%	2.951%
18	17.351	2437	2442	2448	rVV	919926	1405726	7.89%	0.752%
19	17.410	2448	2452	2458	rVV	181026	284804	1.60%	0.152%
20	17.622	2481	2488	2493	rBV2	547361	958348	5.38%	0.513%
21	18.092	2564	2568	2570	rBV	463937	607203	3.41%	0.325%
22	18.133	2570	2575	2583	rVB2	1003496	1852165	10.40%	0.991%
23	18.216	2585	2589	2593	rVB	277916	379707	2.13%	0.203%
24	18.280	2594	2600	2604	rBV3	1091458	1936825	10.87%	1.037%
25	18.575	2647	2650	2653	rBV	400436	528776	2.97%	0.283%
26	18.610	2653	2656	2665	rVB2	511873	758326	4.26%	0.406%
27	18.986	2716	2720	2724	rBV	425907	661973	3.72%	0.354%
28	19.116	2739	2742	2749	rVB	462381	691479	3.88%	0.370%
29	19.239	2757	2763	2770	rBV	11457628	16034651	89.99%	8.582%
30	19.592	2813	2823	2831	rBV	10256588	17817627	100.00%	9.536%
31	19.663	2832	2835	2842	rVB2	436885	793174	4.45%	0.425%
32	19.792	2849	2857	2861	rBV	7368486	10233989	57.44%	5.477%
33	19.827	2861	2863	2869	rVB	786562	985548	5.53%	0.527%
34	19.922	2872	2879	2883	rBV3	720104	1808321	10.15%	0.968%
35	20.080	2902	2906	2910	rVB	1358632	1971246	11.06%	1.055%
36	20.174	2919	2922	2926	rBV	834713	1000621	5.62%	0.536%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.233	2928	2932	2936	rVB2	732369	1140306	6.40%	0.610%
38	20.369	2953	2955	2959	rBV	412128	455947	2.56%	0.244%
39	20.416	2960	2963	2967	rVB	534742	755924	4.24%	0.405%
40	20.810	3027	3030	3036	rVB	1073089	1411811	7.92%	0.756%
41	21.016	3062	3065	3068	rBV2	1078296	1143001	6.42%	0.612%
42	21.057	3068	3072	3076	rVV2	1517102	2310616	12.97%	1.237%
43	21.104	3077	3080	3086	rVB2	1069912	1399972	7.86%	0.749%
44	21.316	3111	3116	3121	rBV3	8301311	16154391	90.67%	8.646%
45	21.363	3121	3124	3135	rVB	5851140	9022829	50.64%	4.829%
46	21.486	3142	3145	3150	rBV	1203025	1671449	9.38%	0.895%
47	23.010	3398	3404	3410	rBV	5510541	14209689	79.75%	7.605%
48	23.527	3487	3492	3502	rVB	3293711	7368198	41.35%	3.944%
49	23.633	3504	3510	3520	rVB	4724108	10119795	56.80%	5.416%
50	23.739	3523	3528	3533	rBV2	2716677	5160079	28.96%	2.762%

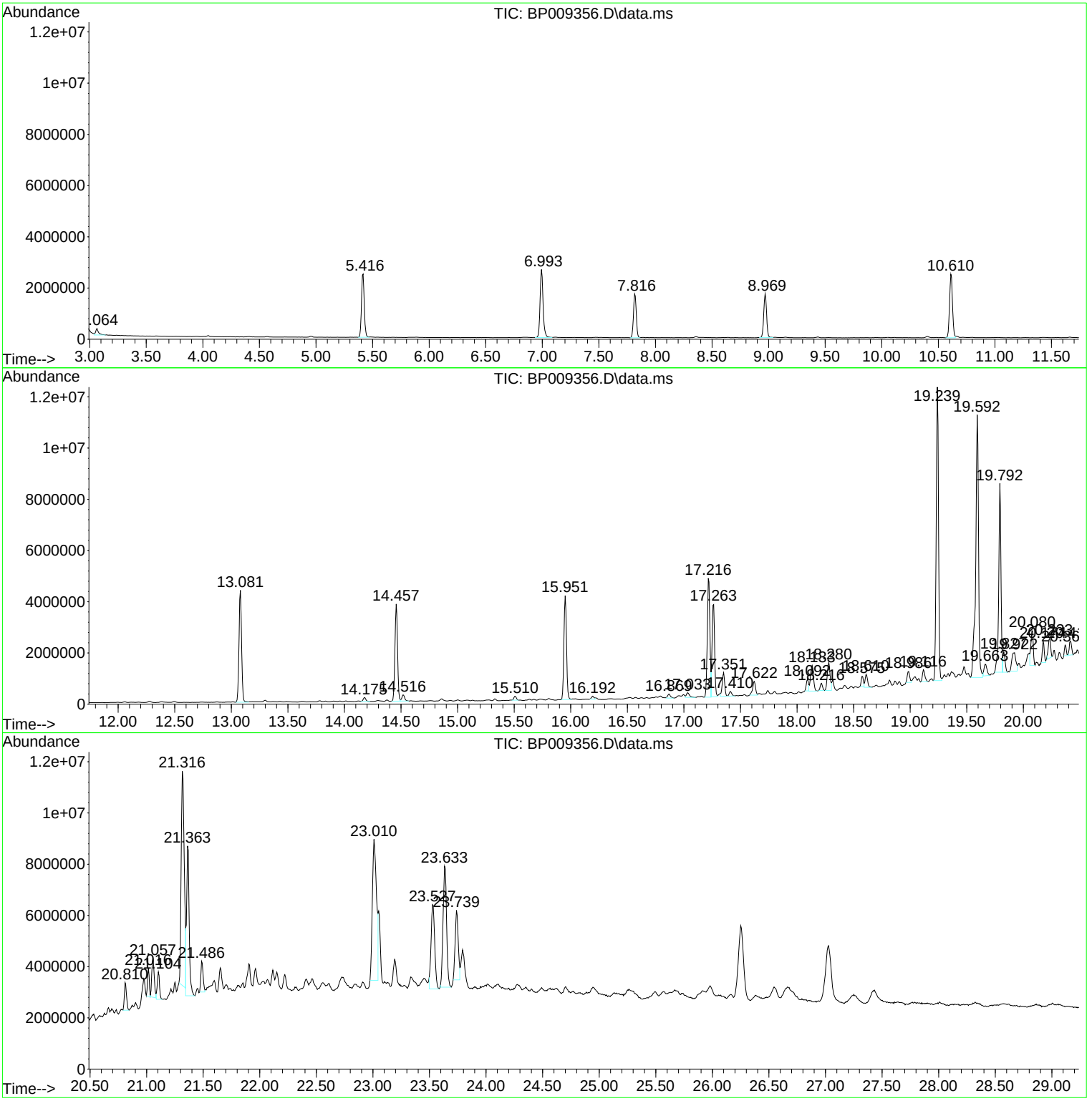
Sum of corrected areas: 186840739

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

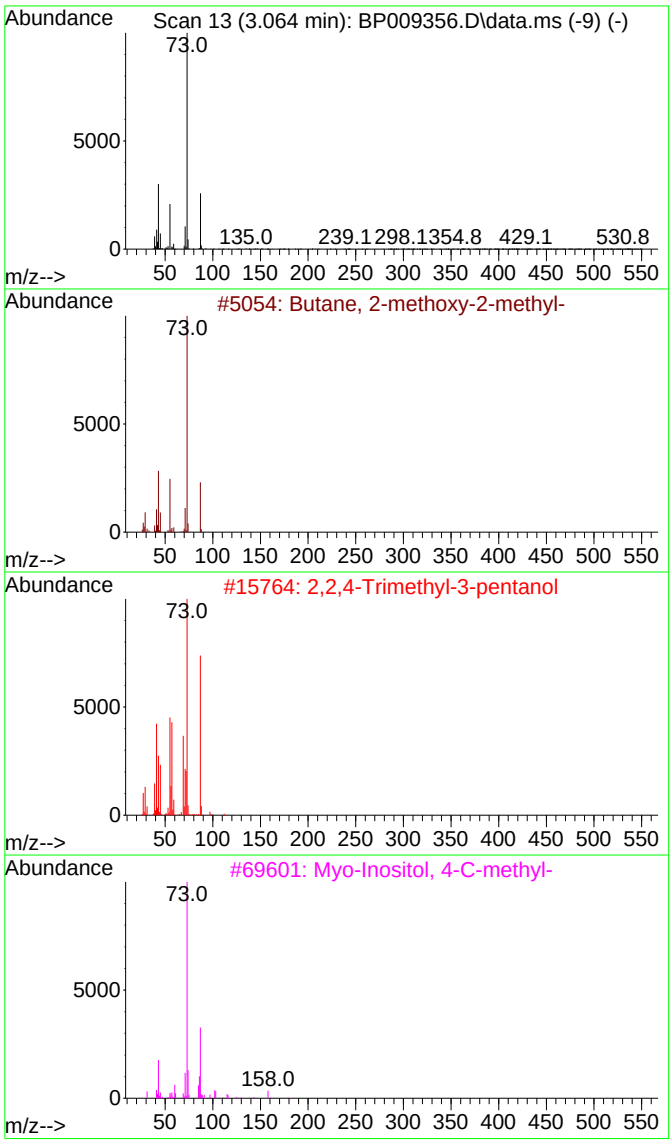
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

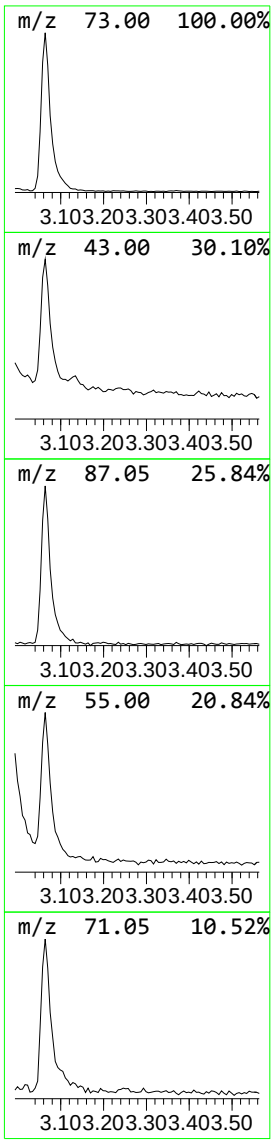
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	2.99 ng	437730	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

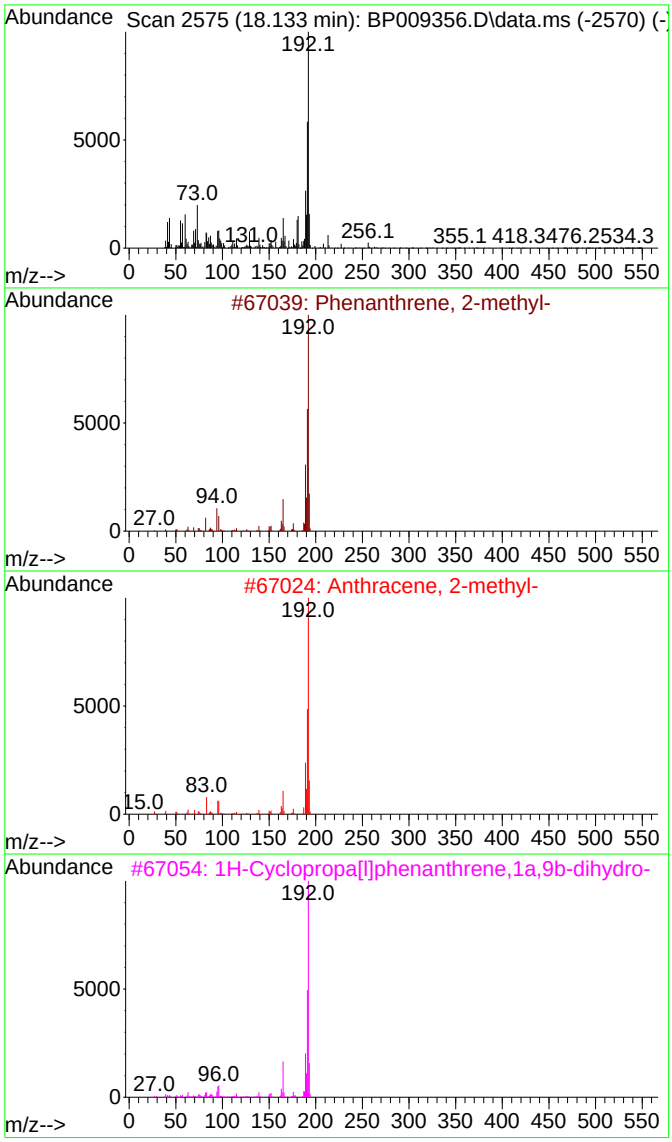
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

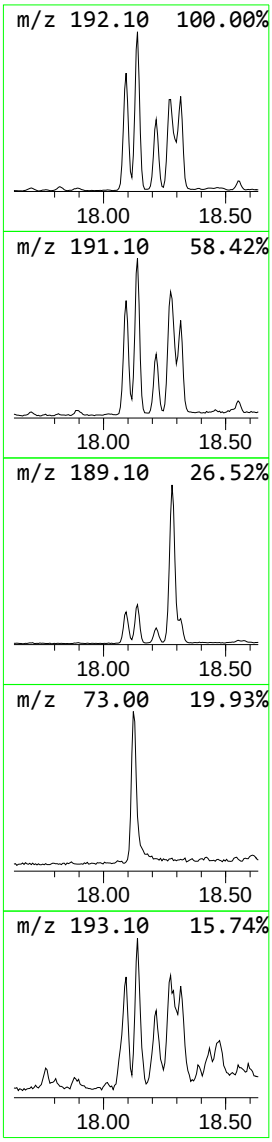
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	4.95 ng	1852170	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

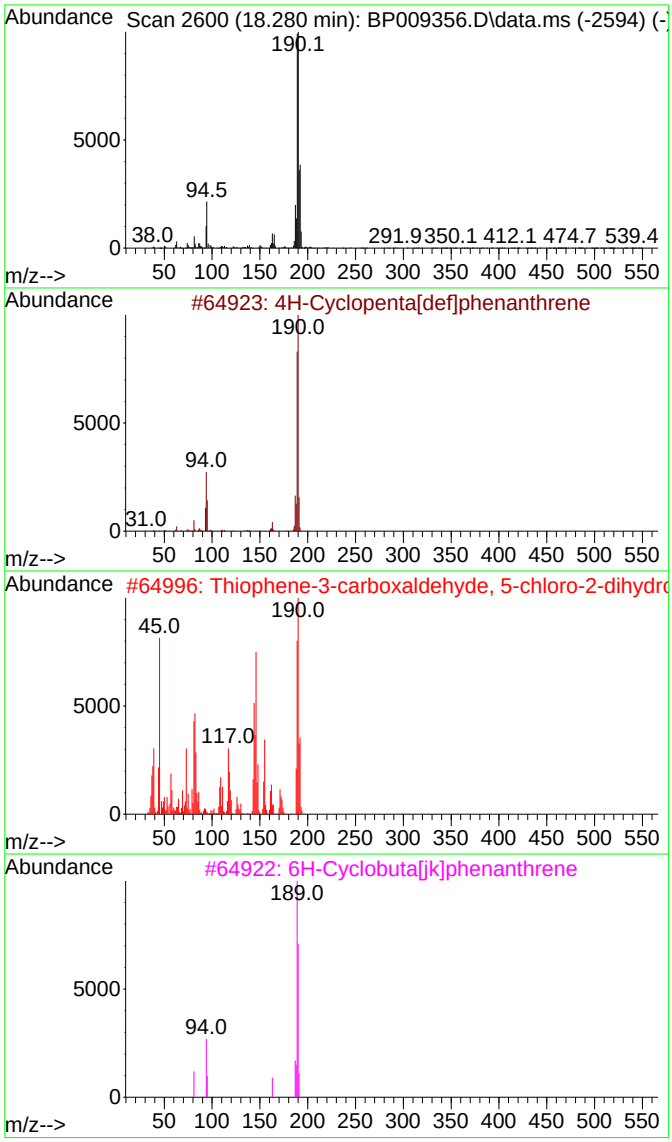
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

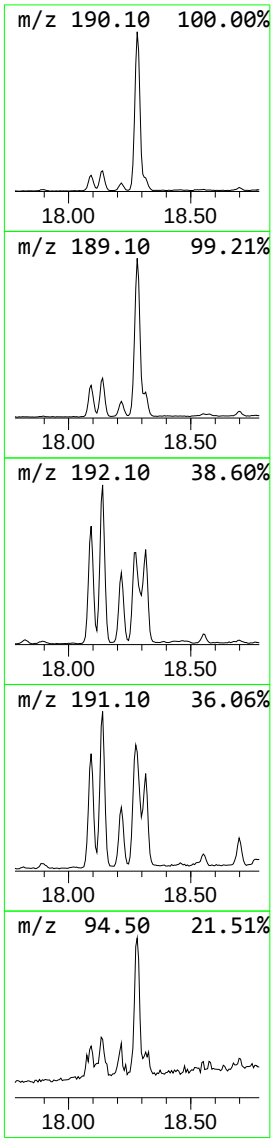
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	5.18 ng	1936830	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

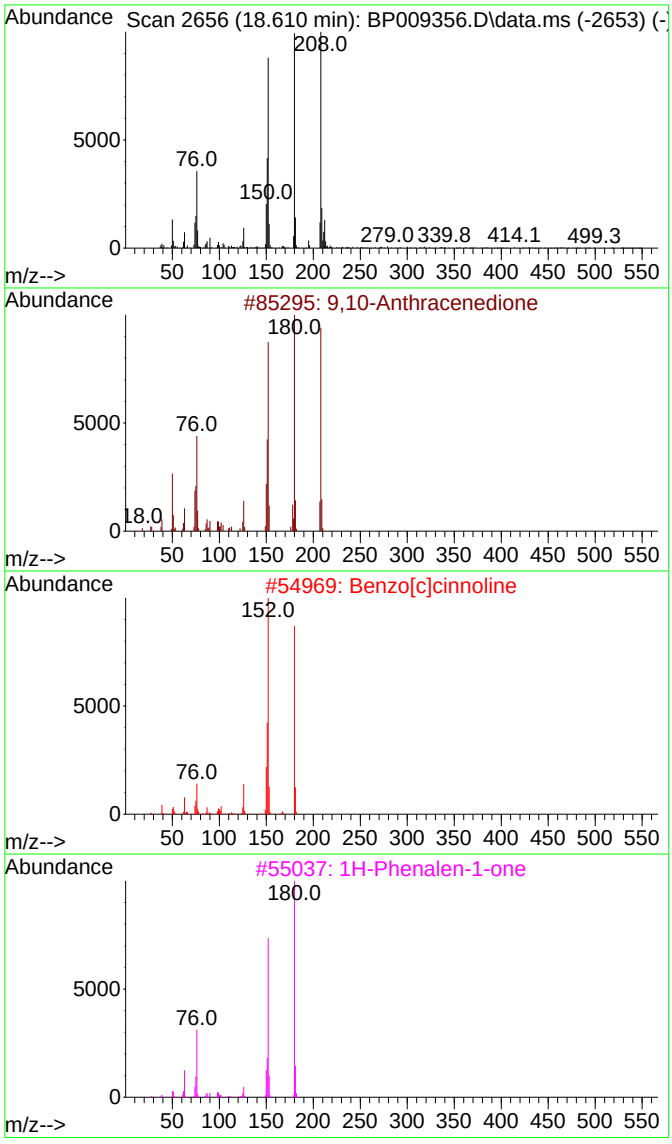
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

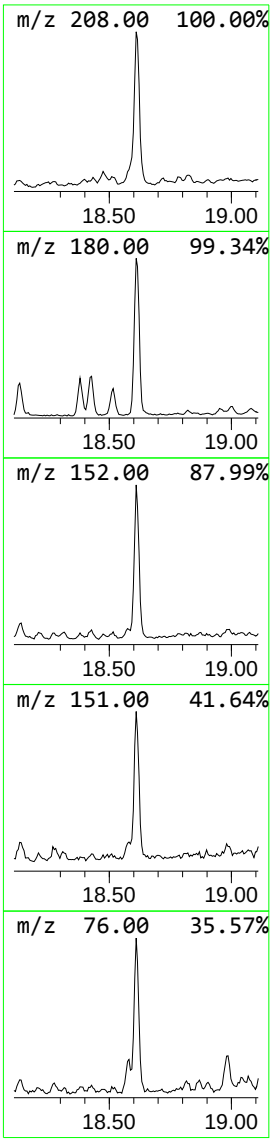
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	2.03 ng	758326	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

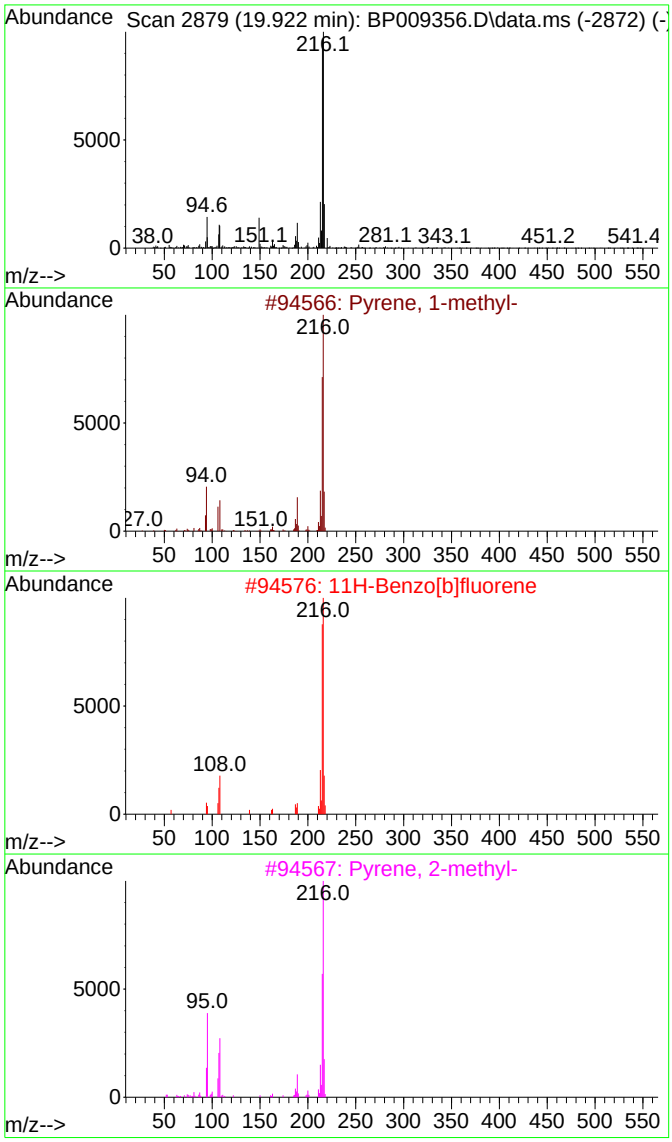
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

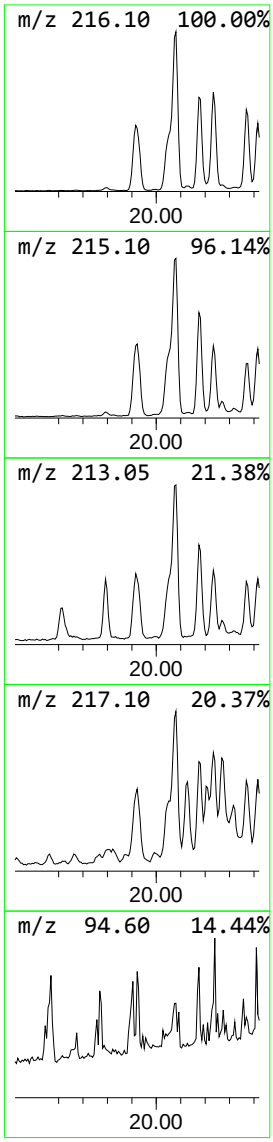
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.922	2.24 ng	1808320	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

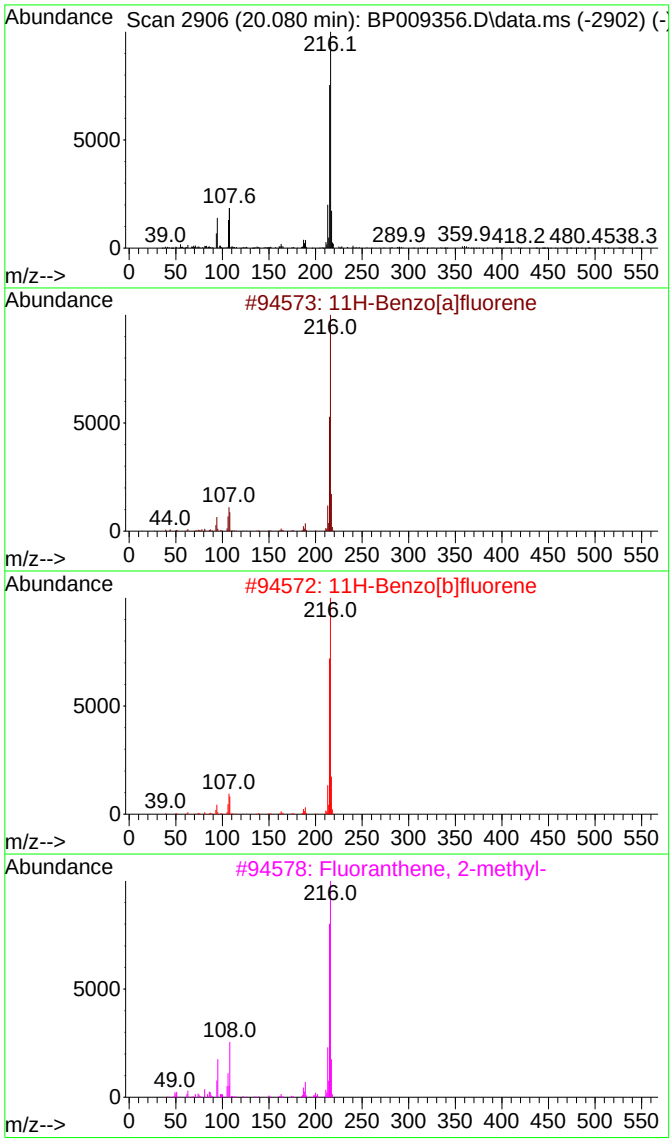
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

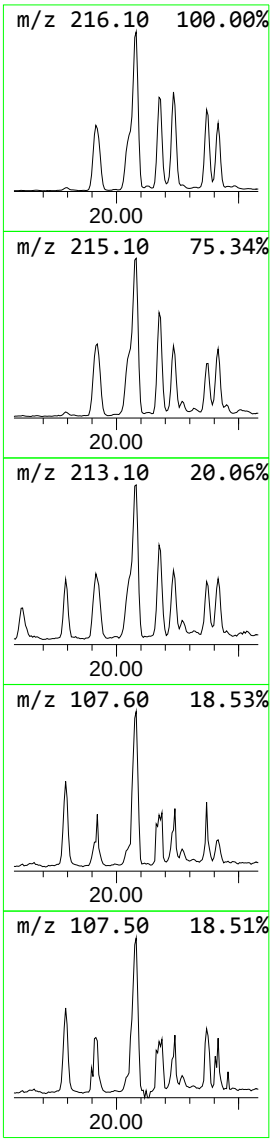
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	2.44 ng	1971250	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

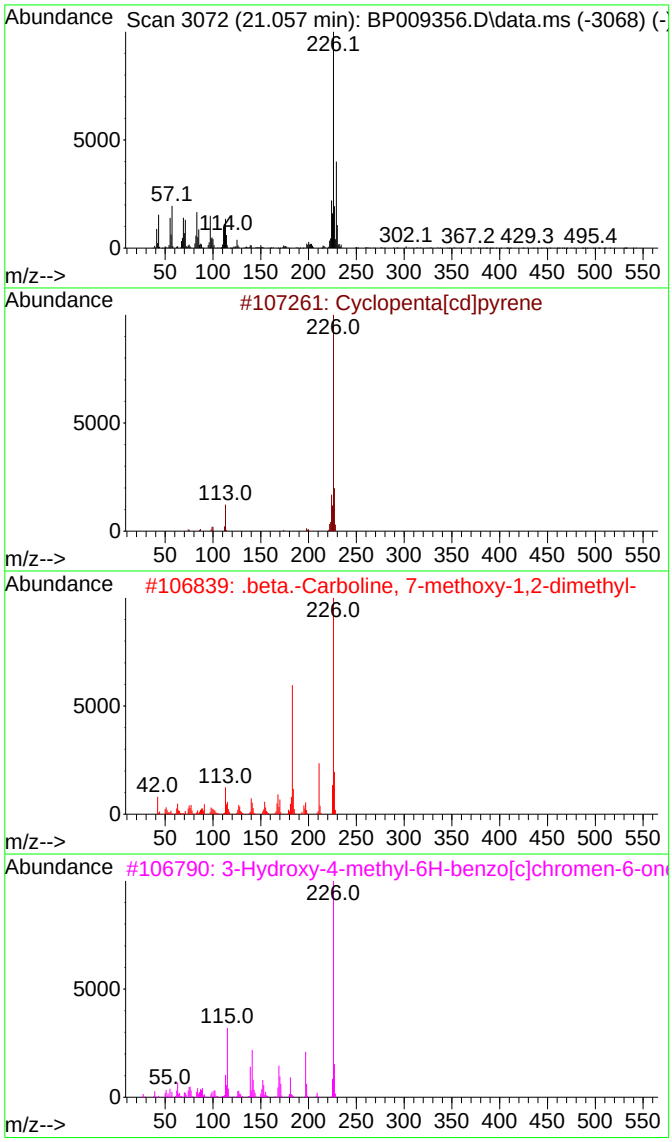
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

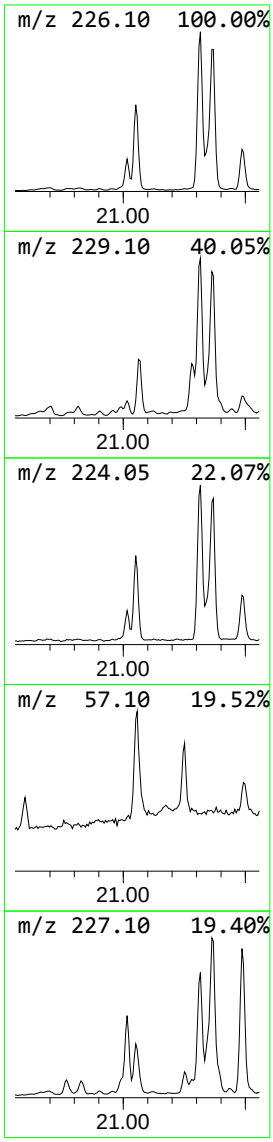
****

Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.86 ng	2310620	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	47
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

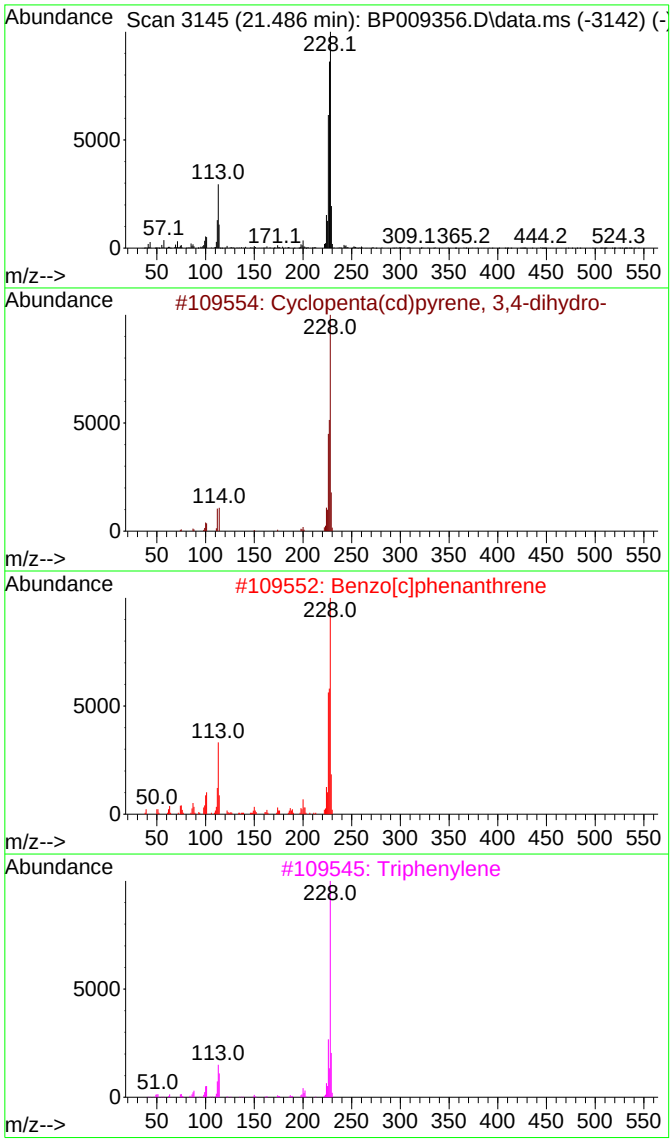
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

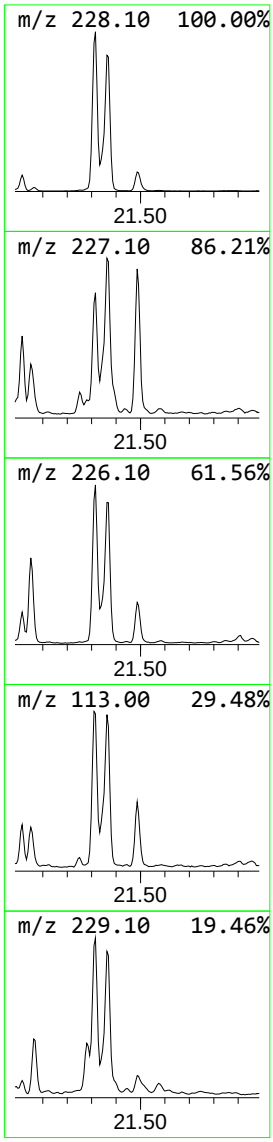
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	2.07 ng	1671450	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Triphenylene	228	C18H12	000217-59-4	50
4	Chrysene	228	C18H12	000218-01-9	50
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

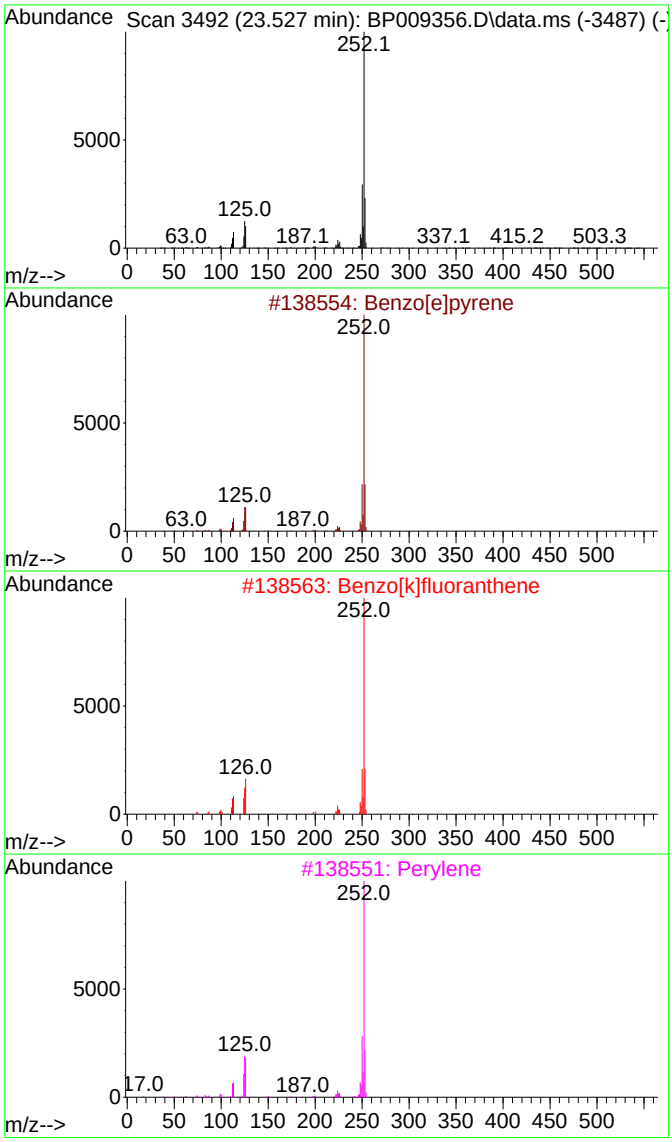
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

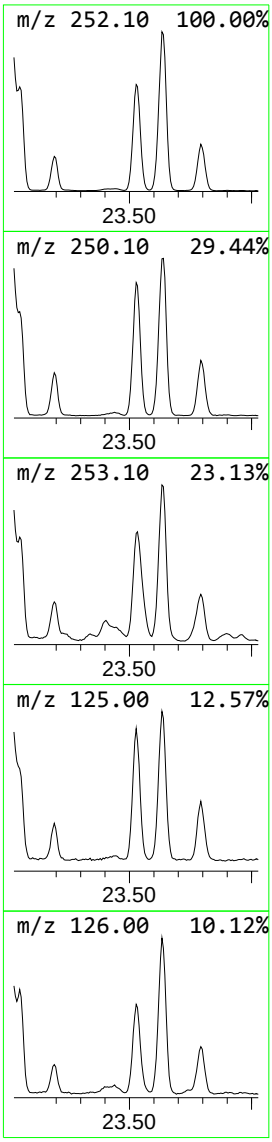
****

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	28.56 ng	7368200	Perylene-d12	23.739

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
Operator : CG/JU
Sample : N1843-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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...	3.064	3.0	ng	437730	1	7.816	2923230	20.0
Phenanthrene, 2...	18.133	5.0	ng	1852170	4	17.216	7479710	20.0
4H-Cyclopenta[d...	18.281	5.2	ng	1936830	4	17.216	7479710	20.0
9,10-Anthracene...	18.610	2.0	ng	758326	4	17.216	7479710	20.0
Pyrene, 1-methyl-	19.922	2.2	ng	1808320	5	21.327	16154400	20.0
11H-Benzo[a]flu...	20.080	2.4	ng	1971250	5	21.327	16154400	20.0
Cyclopenta[cd]p...	21.057	2.9	ng	2310620	5	21.327	16154400	20.0
Cyclopenta(cd)p...	21.486	2.1	ng	1671450	5	21.327	16154400	20.0
Benzo[e]pyrene	23.527	28.6	ng	7368200	6	23.739	5160080	20.0