LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(3.0-3.5)

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_P\Methods\8270E-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	317	322	330	rBV	36977	55854	1.08%	0.126%
2	5.440	392	400	418	rBV	1537536	2324616	45.07%	5.244%
3	7.040	665	672	694	rBV	1290477	2289279	44.38%	5.164%
4	7.858	804	811	821	rBV	440350	687558	13.33%	1.551%
5	9.022	1001	1009	1030	rBV	830313	1511885	29.31%	3.410%
6	10.481	1248	1257	1273	rBV2	31195	120670	2.34%	0.272%
7	10.657	1280	1287	1294	rBV	469002	871723	16.90%	1.966%
8	13.116	1697	1705	1730	rBV	2089850	3456517	67.01%	7.797%
9	14.498	1932	1940	1946	rBV	671136	1101918	21.36%	2.486%
10	14.557	1946	1950	1962	rVB	101799	194168	3.76%	0.438%
11	14.898	2003	2008	2019	rBV	65371	126497	2.45%	0.285%
12	15.545	2112	2118	2131	rBV	104413	180137	3.49%	0.406%
13	15.992	2182	2194	2215	rBV	1359277	2501835	48.50%	5.644%
14	16.998	2356	2365	2370	rBV2	44789	86542	1.68%	0.195%
15	17.063	2372	2376	2384	rVB	70178	109201	2.12%	0.246%
16	17.245	2400	2407	2411	rBV	887517	1401414	27.17%	3.161%
17	17.286	2411	2414	2422	rVV	1520036	2206058	42.77%	4.976%
18	17.381	2423	2430	2437	rVB	295639	494421	9.59%	1.115%
19	17.657	2470	2477	2490	rBV	196477	344324	6.68%	0.777%
20	18.116	2550	2555	2560	rBV	106016	205756	3.99%	0.464%
21	18.163	2560	2563	2568	rVV	170481	234996	4.56%	0.530%
22	18.245	2572	2577	2581	rVV	56172	80202	1.55%	0.181%
23	18.304	2581	2587	2591	rVV2	199510	333438	6.46%	0.752%
24	18.339	2591	2593	2599	rVB	78912	94192	1.83%	0.212%
25	18.598	2633	2637	2641	rBV	92689	116713	2.26%	0.263%
26	18.645	2641	2645	2649	rVB	55954	72971	1.41%	0.165%
27	18.998	2701	2705	2710	rBV	39272	70776	1.37%	0.160%
28	19.139	2725	2729	2737	rBV3	36066	69805	1.35%	0.157%
29	19.257	2743	2749	2756	rBV	2104173	2709342	52.53%	6.112%
30	19.492	2786	2789	2799	rVB	51553	84848	1.64%	0.191%
31	19.580	2799	2804	2805	rBV	354269	420991	8.16%	0.950%
32	19.610	2805	2809	2817	rVV	1683180	2279564	44.19%	5.142%
33	19.680	2817	2821	2826	rVB2	77775	113335	2.20%	0.256%
34	19.804	2835	2842	2847	rBV	4363469	5158032	100.00%	11.635%
35	19.922	2858	2862	2864	rBV	79225	129938	2.52%	0.293%
36	20.092	2887	2891	2896	rVB	251358	368901	7.15%	0.832%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(3.0-3.5)

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_P\Methods\8270E-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.192	2904	2908	2911	rBV	162298	202036	3.92%	0.456%
38	20.245	2912	2917	2921	rVV2	122448	212755	4.12%	0.480%
39	20.286	2921	2924	2927	rVB3	63708	82129	1.59%	0.185%
40	20.386	2937	2941	2944	rBV	71288	98185	1.90%	0.221%
41	20.427	2945	2948	2952	rVV2	72006	101604	1.97%	0.229%
42	20.827	3013	3016	3021	rVB	100665	119840	2.32%	0.270%
43	20.986	3040	3043	3046	rBV2	101181	133287	2.58%	0.301%
44	21.022	3046	3049	3050	rBV	114342	108008	2.09%	0.244%
45	21.333	3095	3102	3105	rBV2	1777033	3354805	65.04%	7.568%
46	21.369	3105	3108	3117	rVB	902486	1226354	23.78%	2.766%
47	21.492	3126	3129	3136	rVB	153278	200003	3.88%	0.451%
48	23.004	3380	3386	3391	rBV	734378	1763651	34.19%	3.978%
49	23.521	3470	3474	3485	rVB	448126	811068	15.72%	1.830%
50	23.627	3487	3492	3501	rVB	664735	1290769	25.02%	2.912%
51	23.733	3504	3510	3516	rBV2	1019971	2017894	39.12%	4.552%

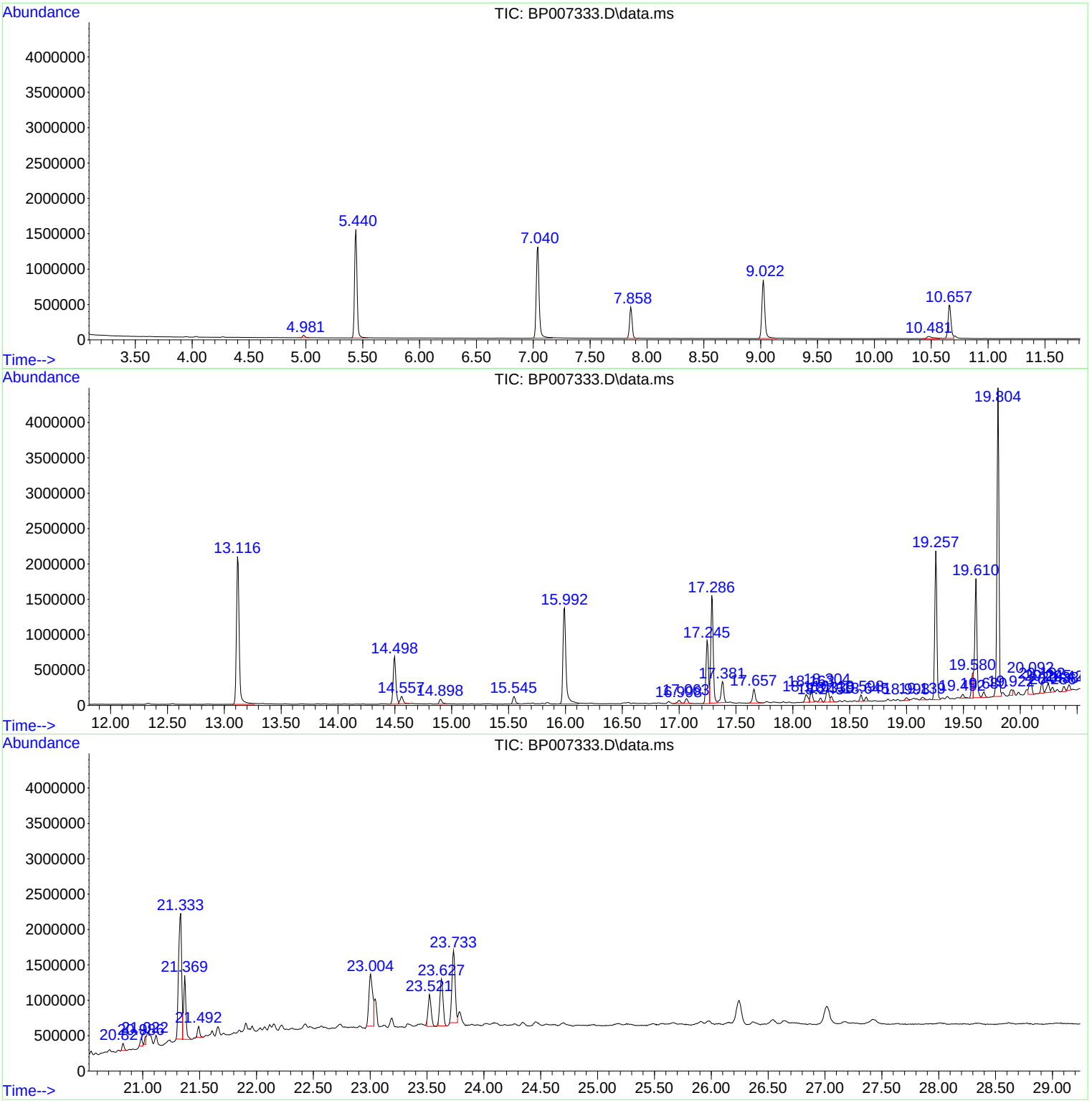
Sum of corrected areas: 44330805

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(3.0-3.5)

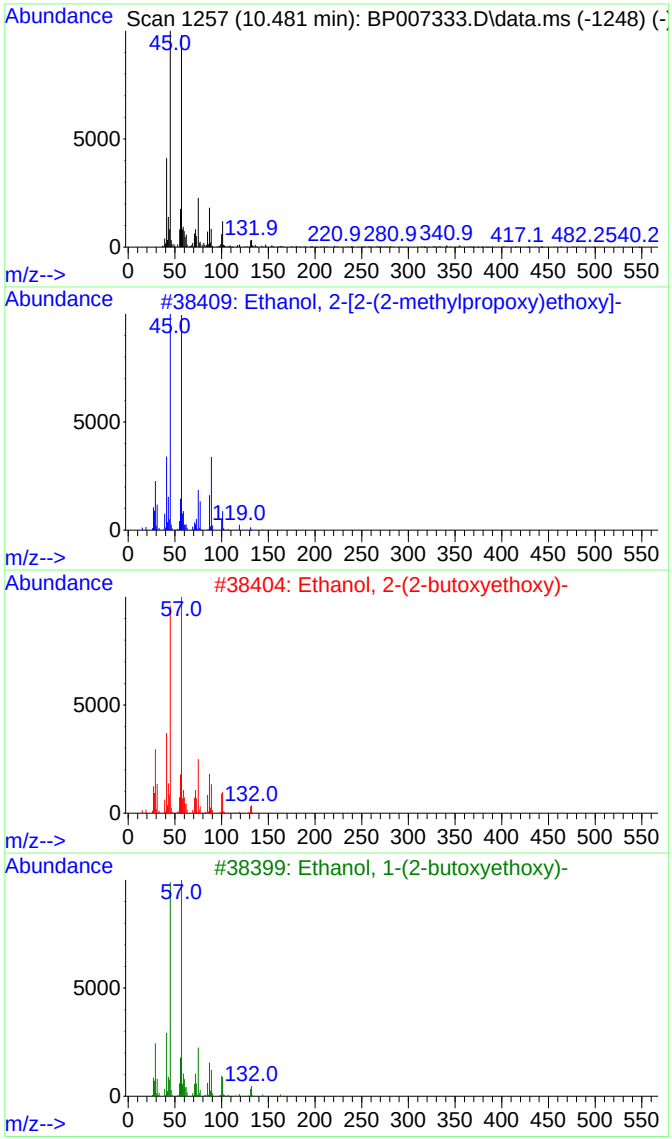
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

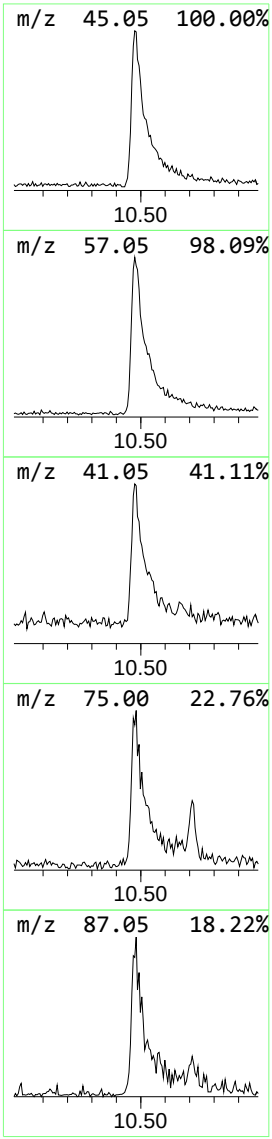
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-[2-(2-methylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.481	2.77 ng	120670	Naphthalene-d8	10.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	83
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
5	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

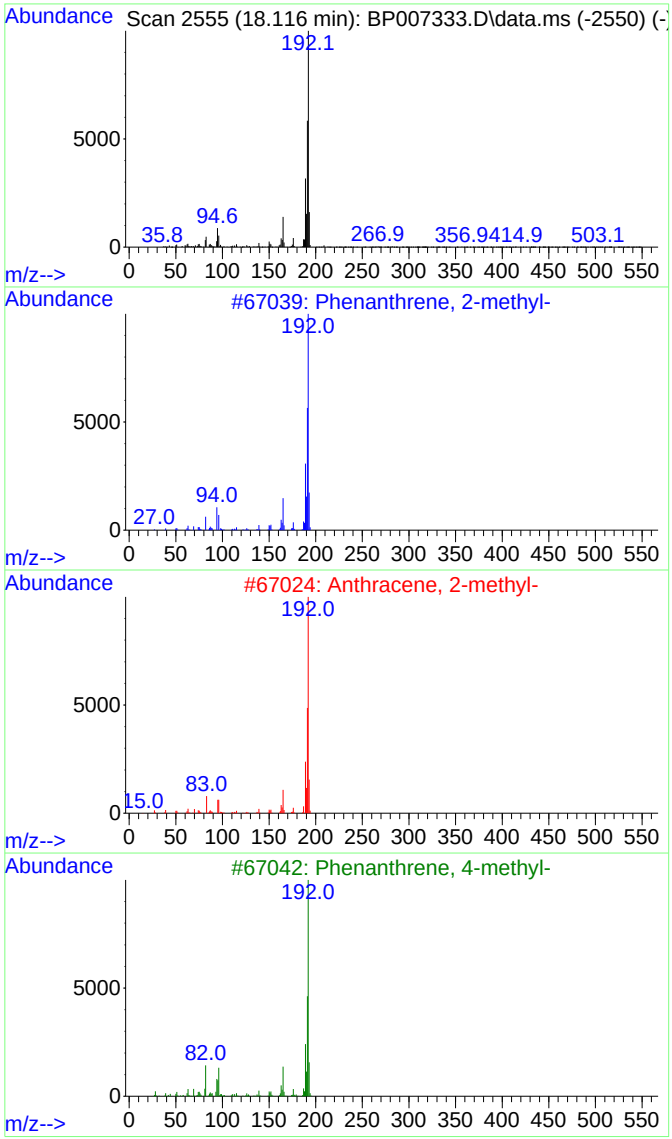
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

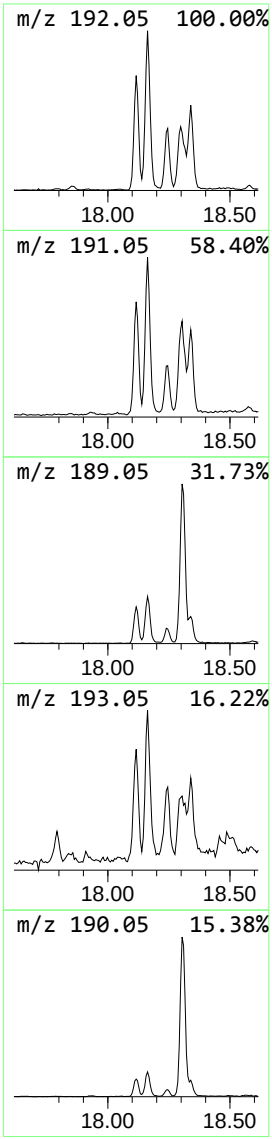
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.94 ng	205756	Phenanthrene-d10	17.245

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	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

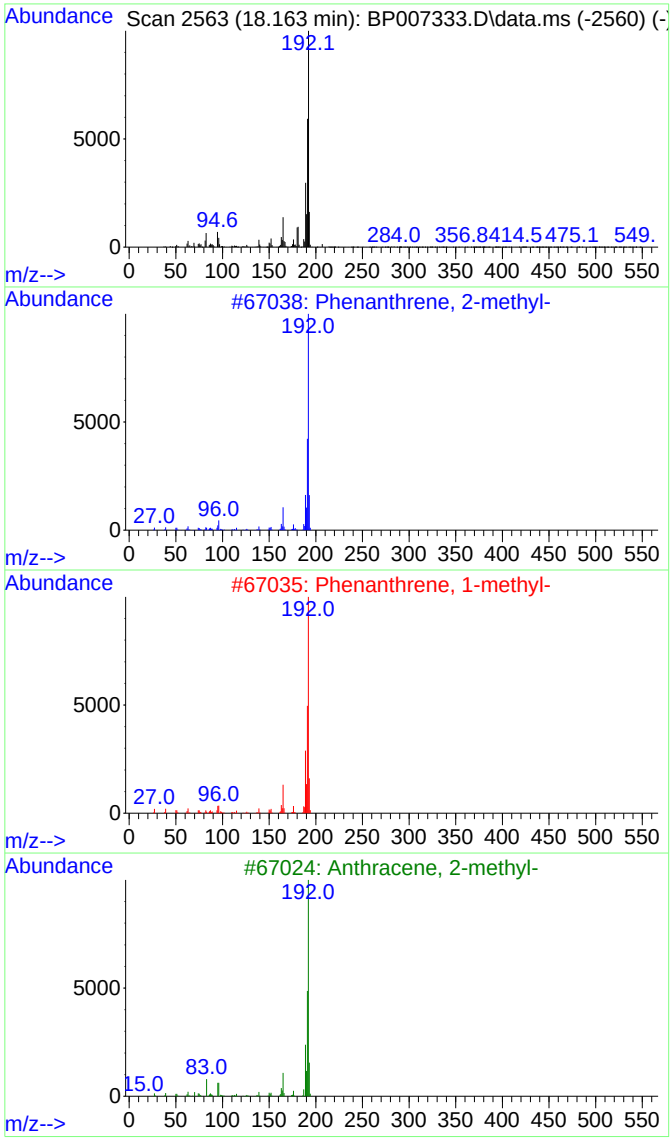
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

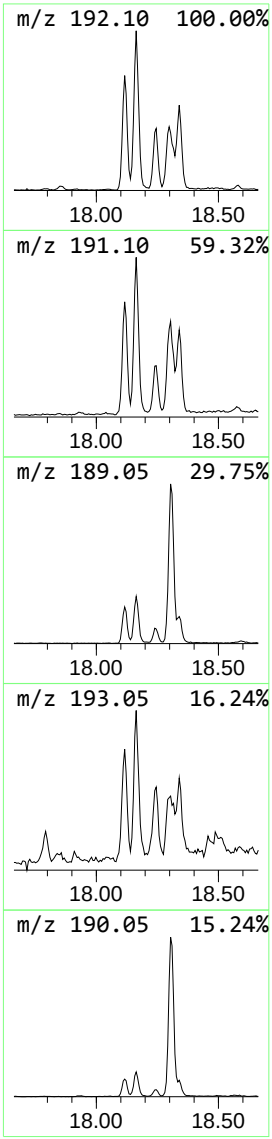
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.35 ng	234996	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)

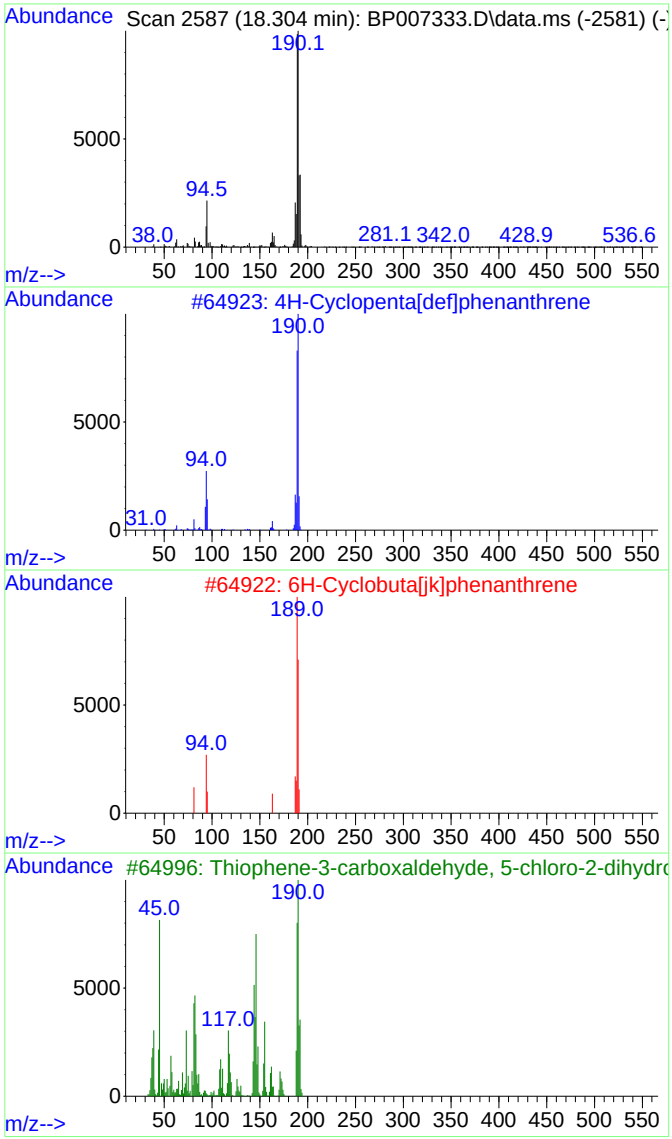
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

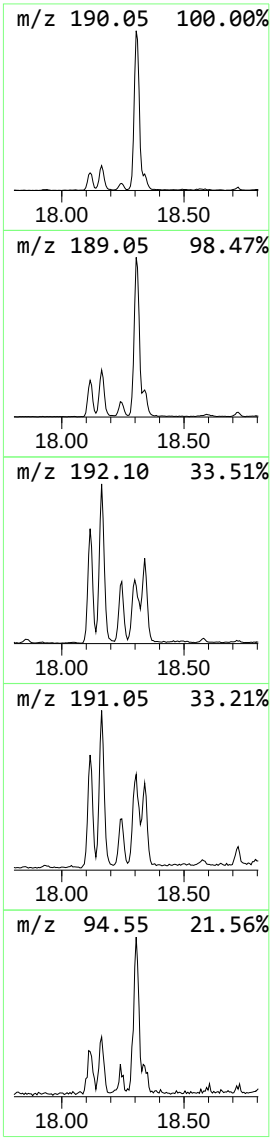
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	4.76 ng	333438	Phenanthrene-d10	17.245

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	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

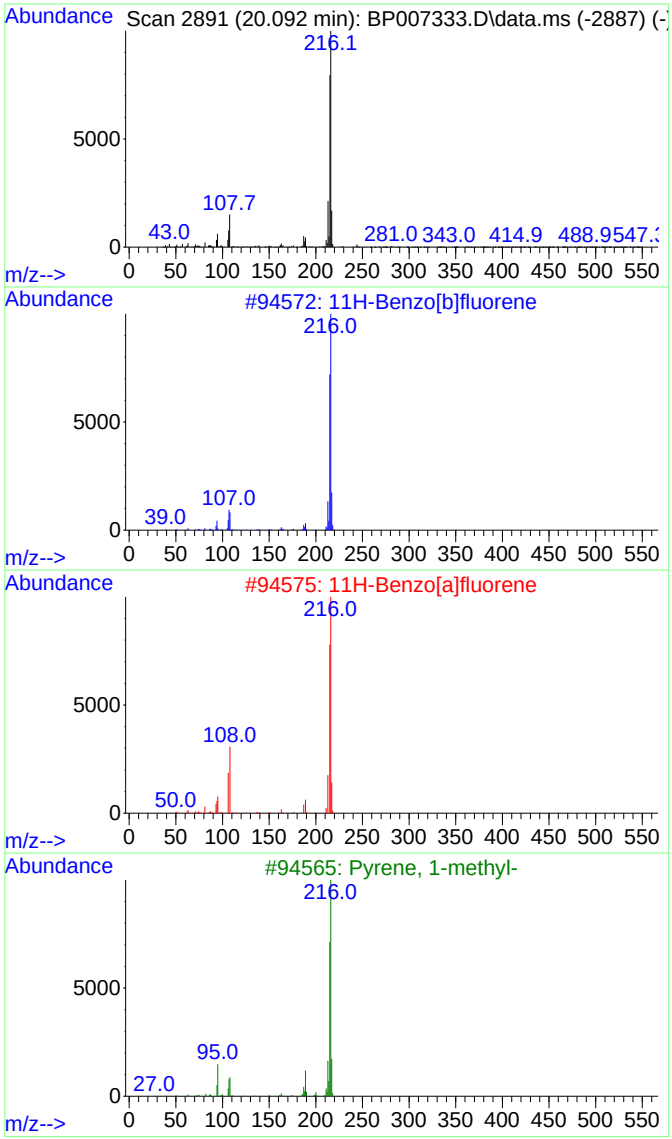
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

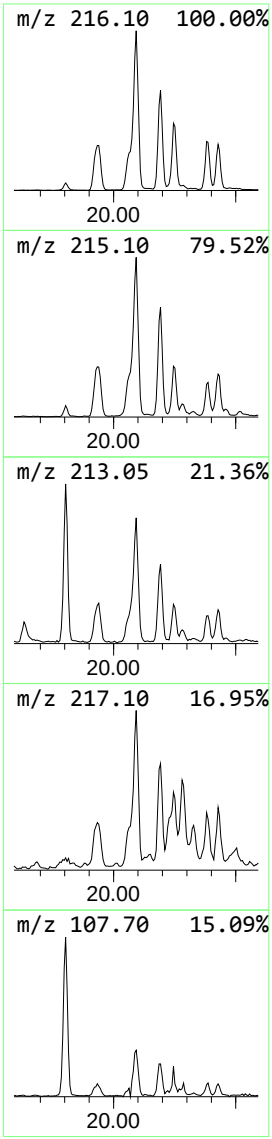
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.092	2.20 ng	368901	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

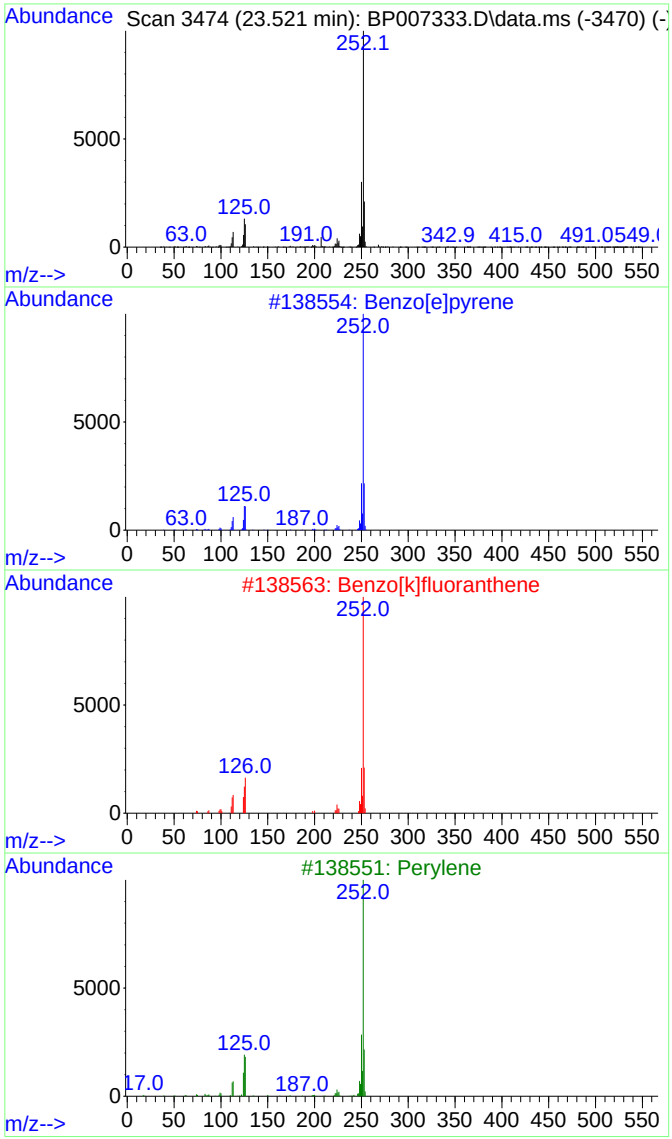
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

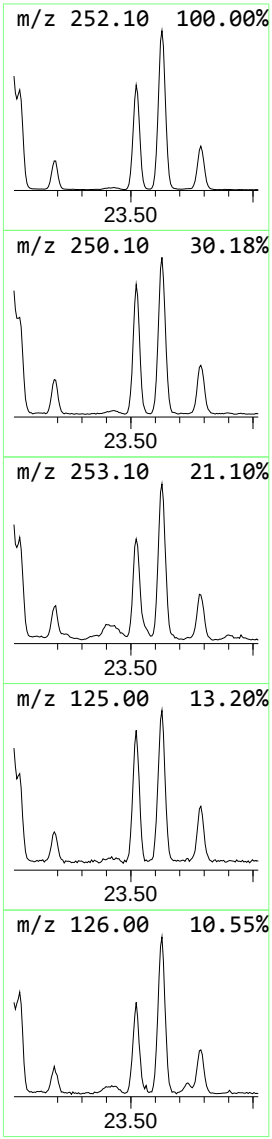
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.521	8.04 ng	811068	Perylene-d12	23.733

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	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
Acq On : 05 Oct 2021 19:31
Operator : CG/JU
Sample : M4046-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(3.0-3.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Ethanol, 2-[2-(...	10.481	2.8	ng	120670	2	10.657	871723	20.0
Phenanthrene, 2...	18.116	2.9	ng	205756	4	17.245	1401410	20.0
Phenanthrene, 1...	18.163	3.4	ng	234996	4	17.245	1401410	20.0
4H-Cyclopenta[d...	18.304	4.8	ng	333438	4	17.245	1401410	20.0
11H-Benzo[b]flu...	20.092	2.2	ng	368901	5	21.333	3354810	20.0
Benzo[e]pyrene	23.521	8.0	ng	811068	6	23.733	2017890	20.0