LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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: BP007305.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	394	401	419	rBV	3598114	5244701	55.25%	7.095%
2	7.046	665	673	689	rBV	3185200	5280651	55.63%	7.143%
3	7.863	803	812	821	rBV	927581	1457894	15.36%	1.972%
4	9.028	1002	1010	1026	rBV	2036050	3447576	36.32%	4.664%
5	10.457	1246	1253	1268	rBV	136631	305417	3.22%	0.413%
6	10.663	1280	1288	1295	rBV	1196650	2066971	21.77%	2.796%
7	13.122	1698	1706	1724	rBV	5310713	7918652	83.41%	10.712%
8	14.222	1887	1893	1905	rBV	156667	264035	2.78%	0.357%
9	14.498	1933	1940	1947	rBV	1873128	2764368	29.12%	3.739%
10	15.545	2113	2118	2131	rVB2	58338	128688	1.36%	0.174%
11	15.992	2183	2194	2212	rBV	4171803	6169395	64.99%	8.346%
12	16.222	2227	2233	2239	rBV4	54272	103488	1.09%	0.140%
13	17.251	2402	2408	2412	rBV	2178419	3186570	33.57%	4.311%
14	17.292	2412	2415	2422	rVV	851982	1110509	11.70%	1.502%
15	17.386	2426	2431	2436	rVB	210062	290952	3.06%	0.394%
16	17.833	2503	2507	2514	rVB	82235	118928	1.25%	0.161%
17	18.122	2551	2556	2557	rBV	263556	346217	3.65%	0.468%
18	18.163	2561	2563	2569	rVV	374036	508896	5.36%	0.688%
19	18.245	2573	2577	2581	rVV	104484	157136	1.66%	0.213%
20	18.304	2582	2587	2591	rVV2	390500	702658	7.40%	0.951%
21	18.345	2591	2594	2599	rVB	233726	311399	3.28%	0.421%
22	18.604	2634	2638	2641	rBV2	151315	193047	2.03%	0.261%
23	18.645	2641	2645	2655	rVB2	134522	239141	2.52%	0.323%
24	18.886	2683	2686	2690	rVV	109673	143627	1.51%	0.194%
25	18.928	2690	2693	2697	rVB3	89754	103636	1.09%	0.140%
26	19.004	2702	2706	2711	rBV	298871	479126	5.05%	0.648%
27	19.063	2712	2716	2719	rVV2	135770	247695	2.61%	0.335%
28	19.098	2719	2722	2725	rVB	105858	122233	1.29%	0.165%
29	19.145	2725	2730	2742	rBV4	175087	400339	4.22%	0.542%
30	19.263	2745	2750	2755	rVB	1919842	2444037	25.75%	3.306%
31	19.363	2763	2767	2771	rVV3	89858	149777	1.58%	0.203%
32	19.410	2772	2775	2779	rVB	93295	112257	1.18%	0.152%
33	19.498	2787	2790	2793	rBV2	80489	101438	1.07%	0.137%
34	19.586	2800	2805	2806	rBV	256569	339827	3.58%	0.460%
35	19.616	2806	2810	2818	rVV	1855400	2628587	27.69%	3.556%
36	19.686	2818	2822	2828	rVB2	168261	245328	2.58%	0.332%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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	19.810	2838	2843	2848	rBV	7763439	9493182	100.00%	12.842%
38	19.927	2858	2863	2872	rBV4	213699	569525	6.00%	0.770%
39	20.063	2882	2886	2887	rBV2	163208	198263	2.09%	0.268%
40	20.098	2889	2892	2897	rVB	333715	462275	4.87%	0.625%
41	20.192	2905	2908	2912	rBV	163991	191431	2.02%	0.259%
42	20.251	2914	2918	2922	rVB2	293459	398489	4.20%	0.539%
43	20.392	2938	2942	2945	rBV	233297	302400	3.19%	0.409%
44	20.433	2946	2949	2953	rVB	230094	265154	2.79%	0.359%
45	20.827	3013	3016	3022	rVB	226012	319635	3.37%	0.432%
46	21.045	3048	3053	3056	rBV2	379100	560953	5.91%	0.759%
47	21.122	3063	3066	3072	rVB3	226932	322430	3.40%	0.436%
48	21.339	3096	3103	3107	rBV2	2445114	4267179	44.95%	5.772%
49	21.374	3107	3109	3119	rVB	949128	1150442	12.12%	1.556%
50	23.010	3382	3387	3392	rBV	644343	1458055	15.36%	1.972%
51	23.533	3473	3476	3486	rVB	411939	717423	7.56%	0.970%
52	23.639	3489	3494	3501	rVB	586119	1136248	11.97%	1.537%
53	23.745	3506	3512	3518	rVV2	1207993	2275629	23.97%	3.078%

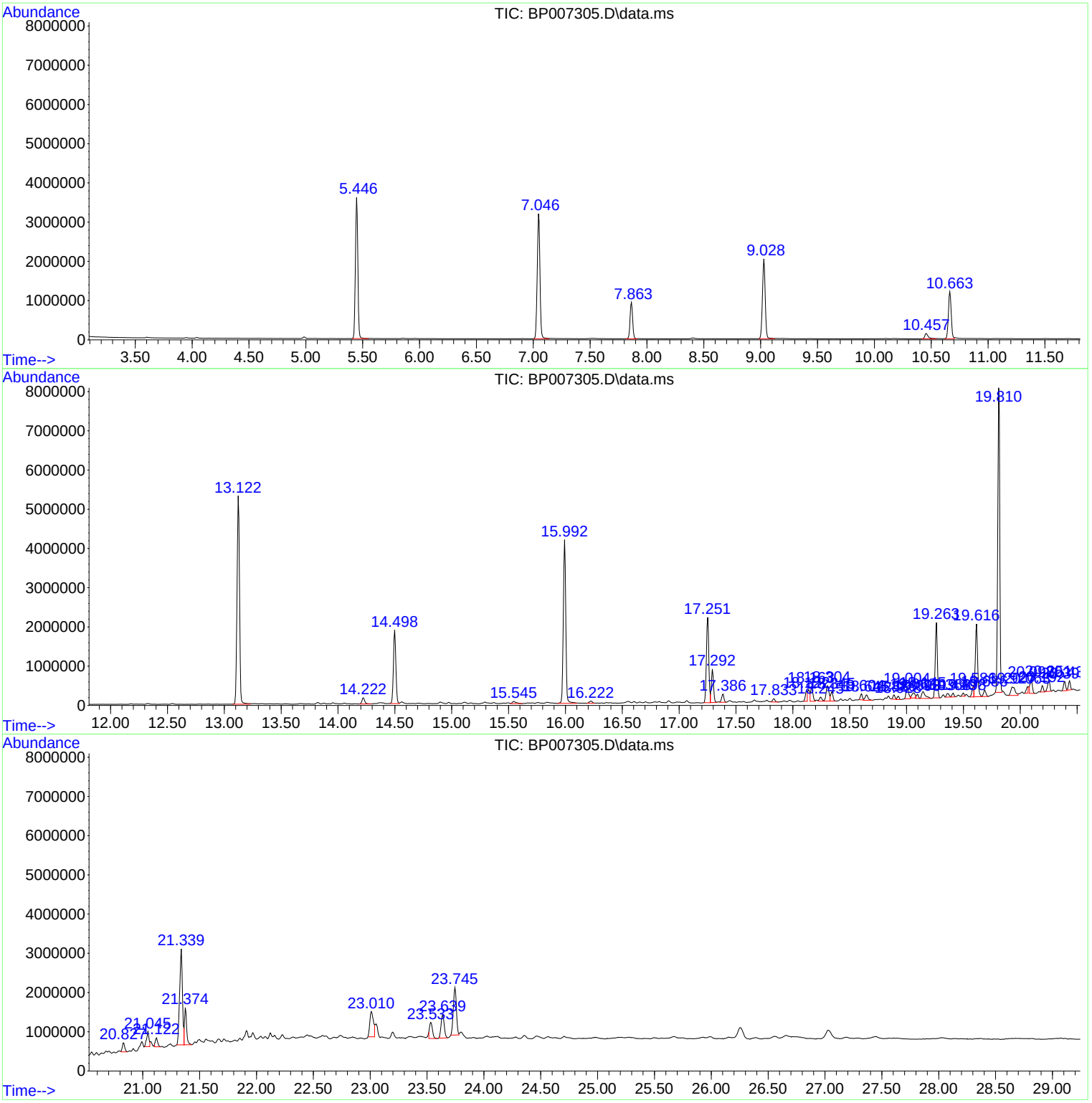
Sum of corrected areas: 73923909

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
369

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\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

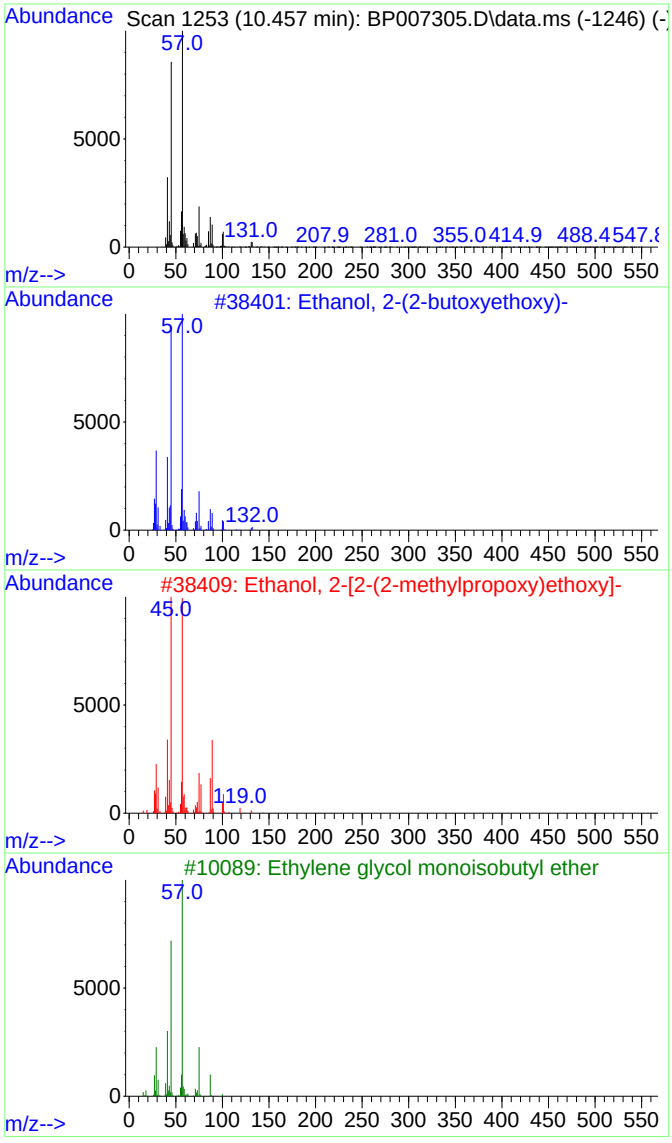
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

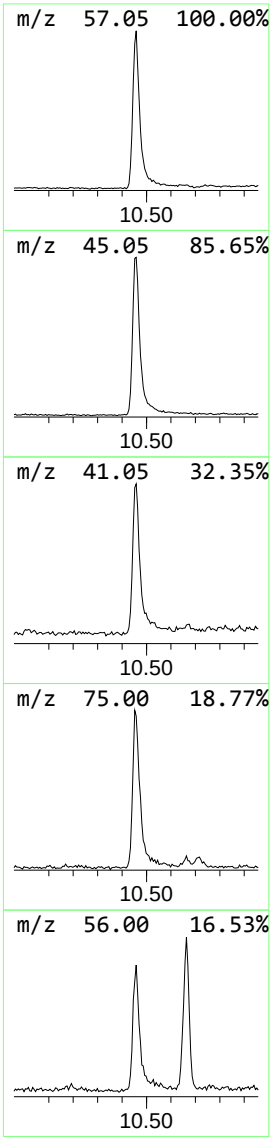
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	2.96 ng	305417	Naphthalene-d8	10.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	58
5	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

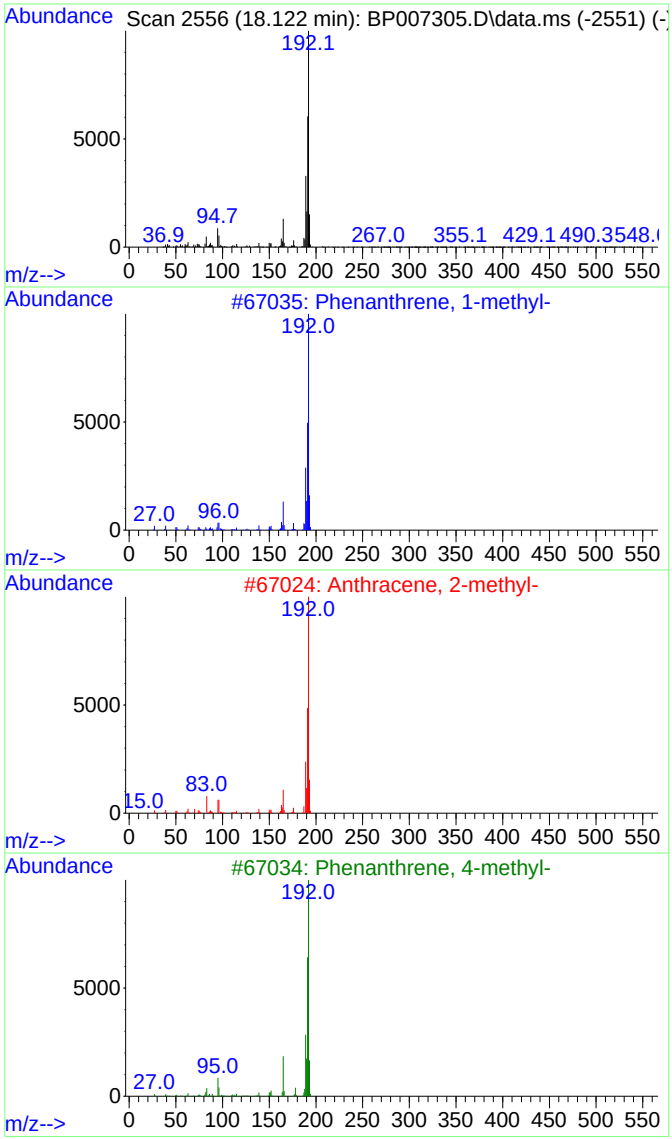
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

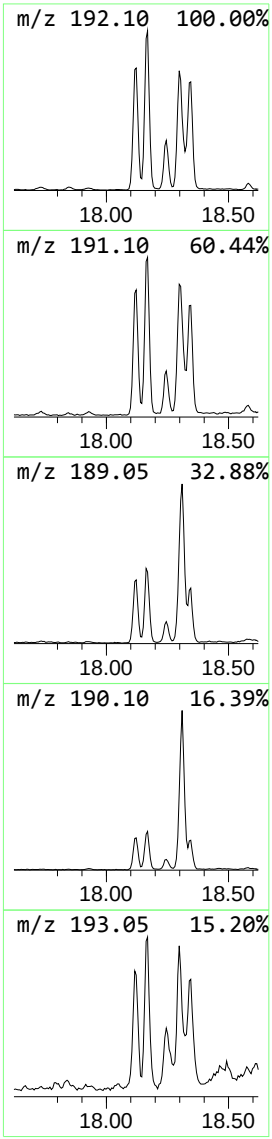
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.17 ng	346217	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

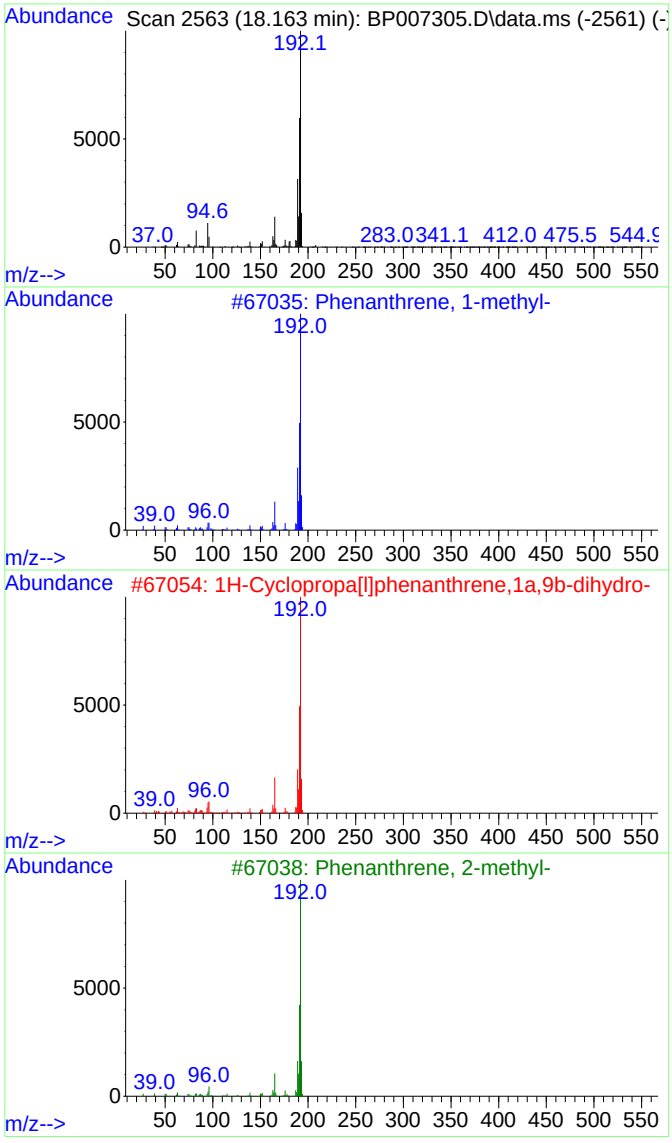
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

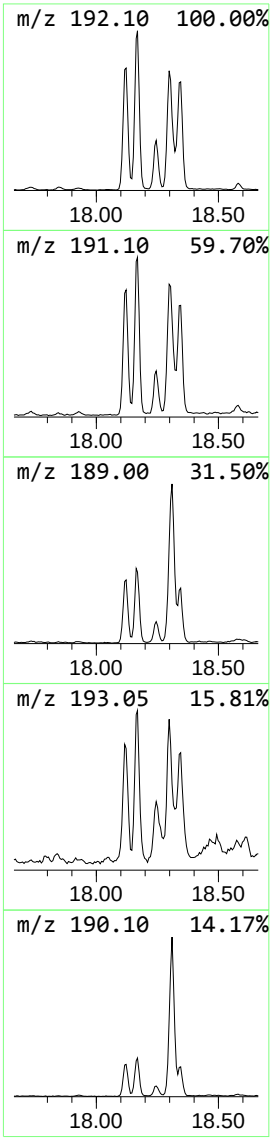
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.19 ng	508896	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

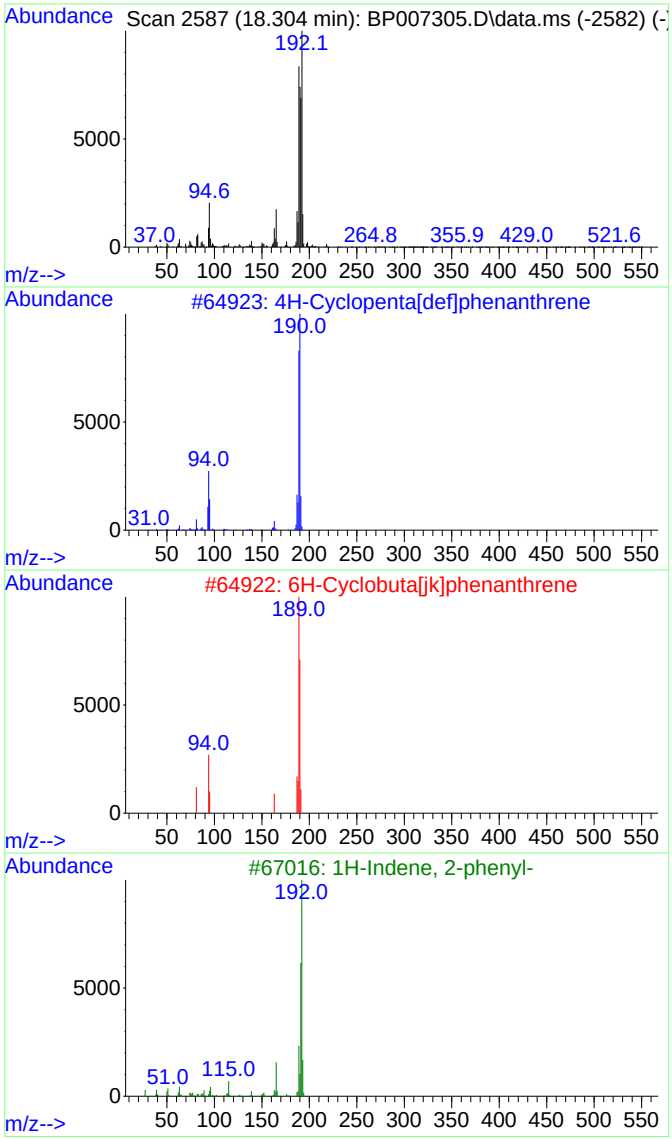
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

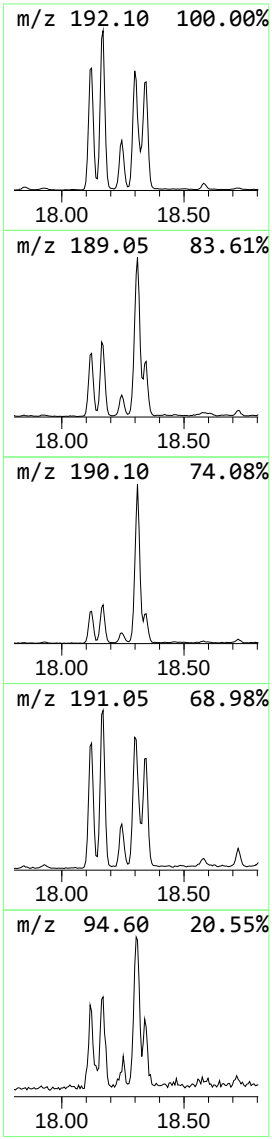
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	4.41 ng	702658	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

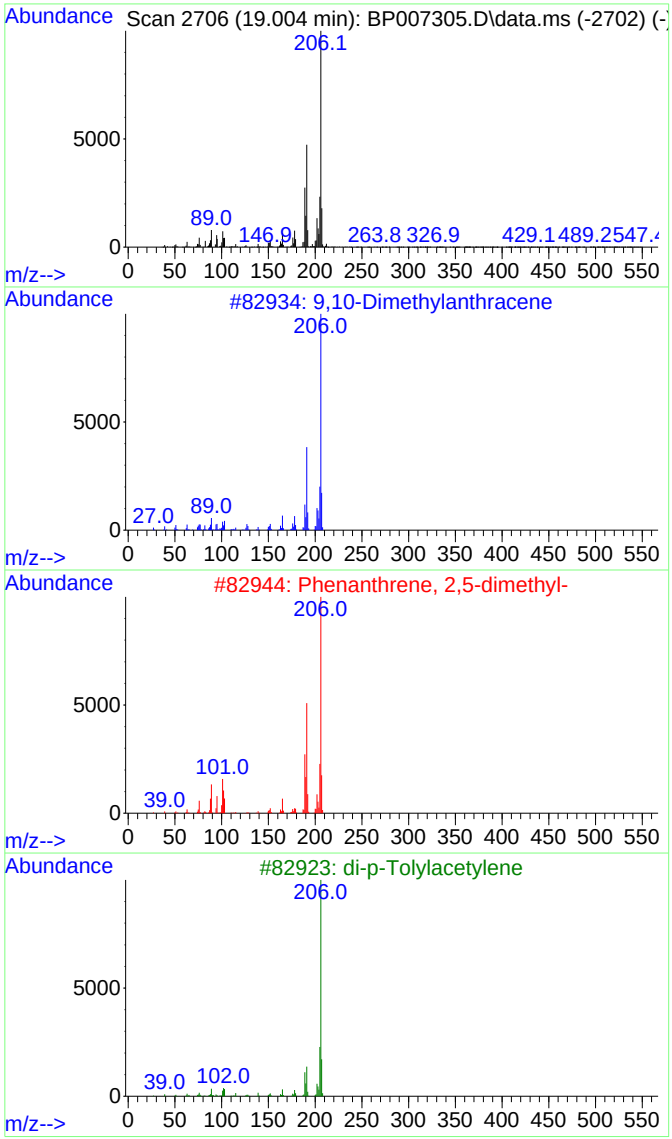
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

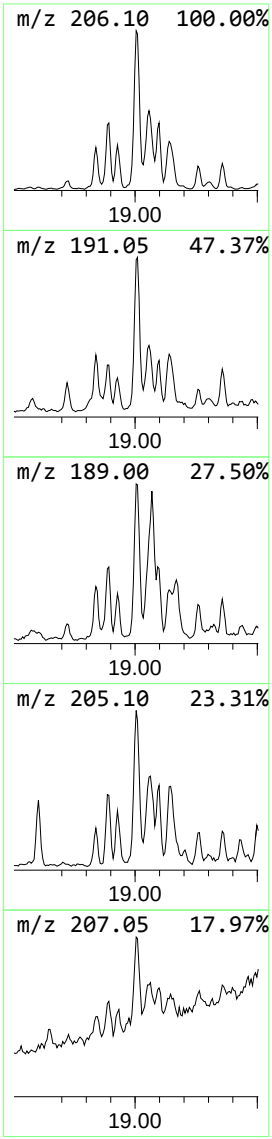
****

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	3.01 ng	479126	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

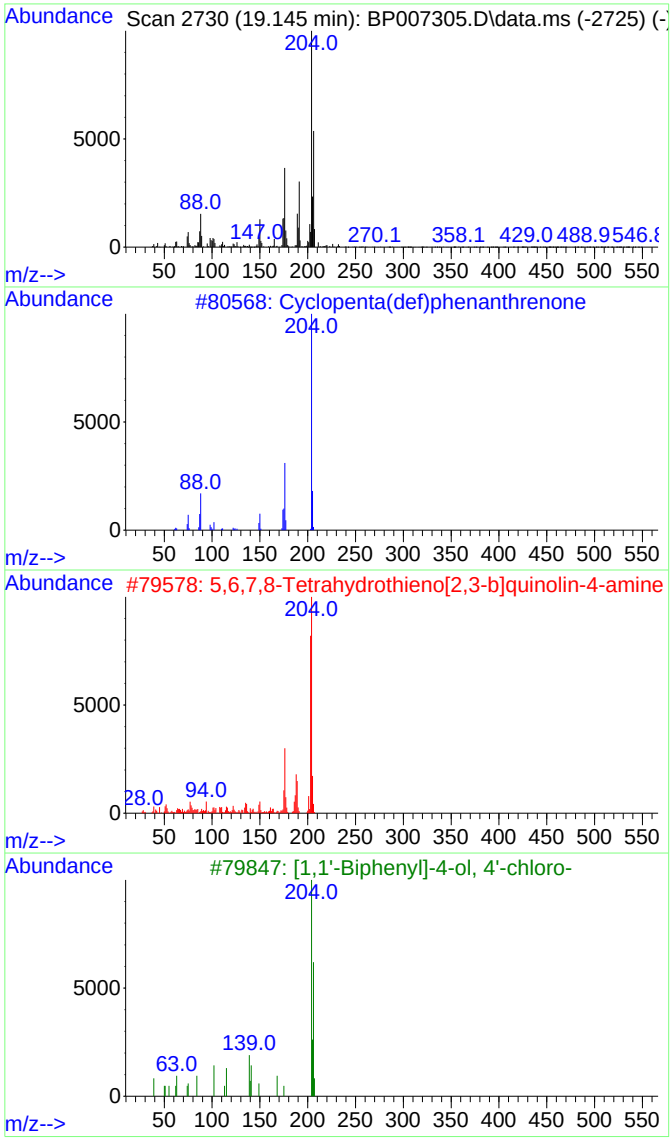
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

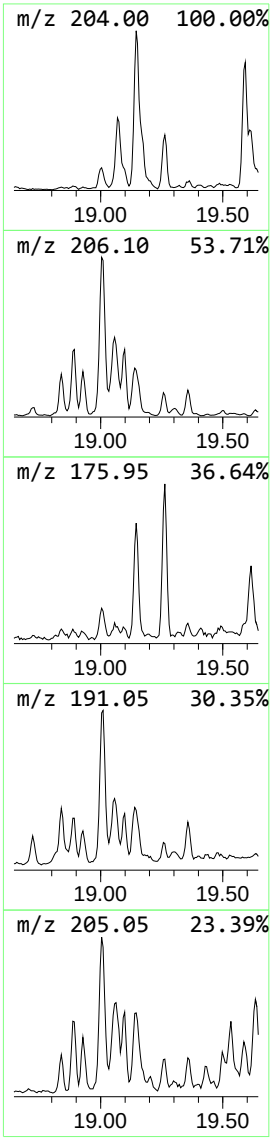
****

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	2.51 ng	400339	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	49
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

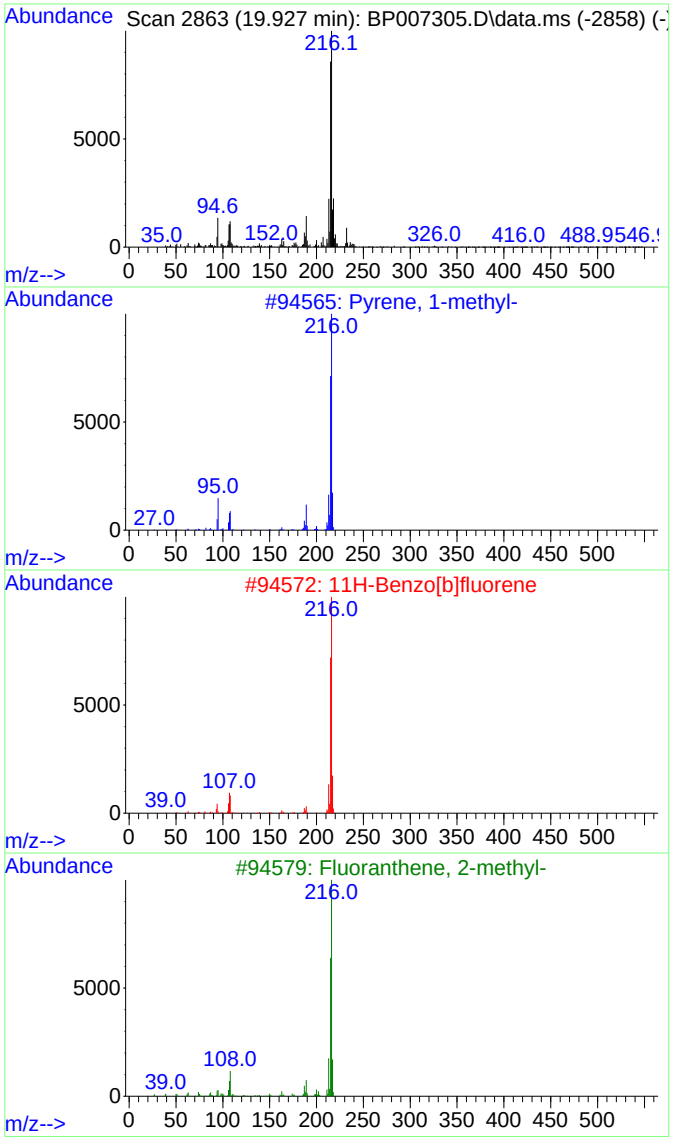
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

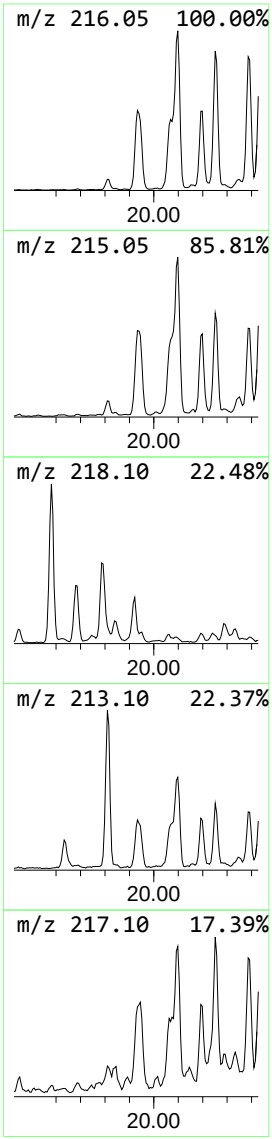
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.927	2.67 ng	569525	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

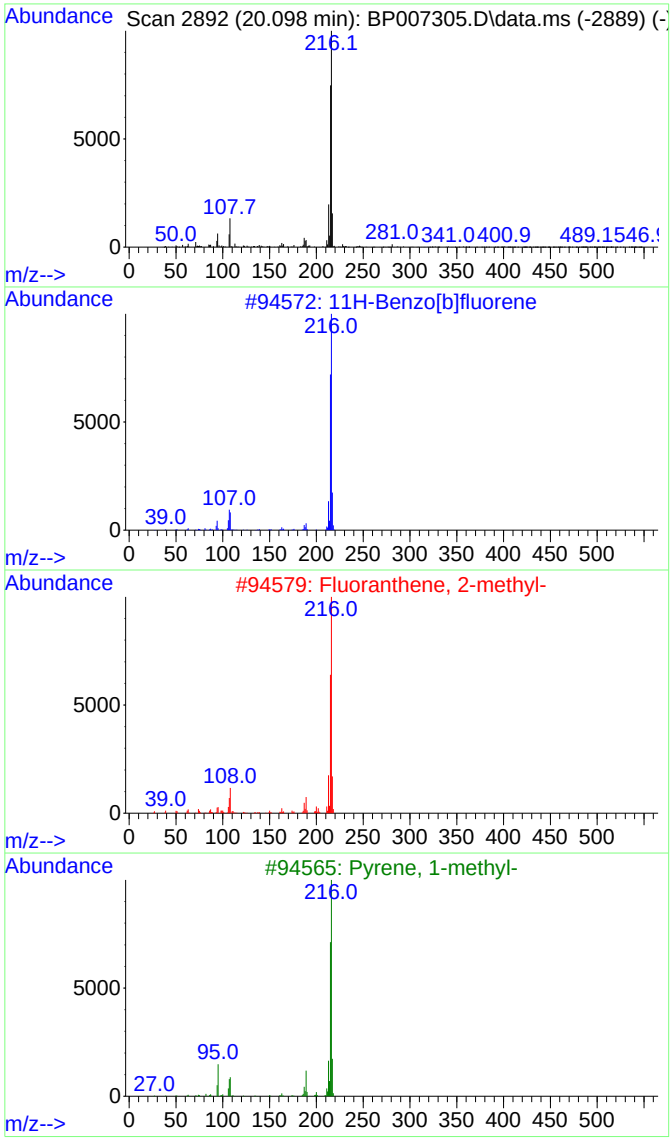
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

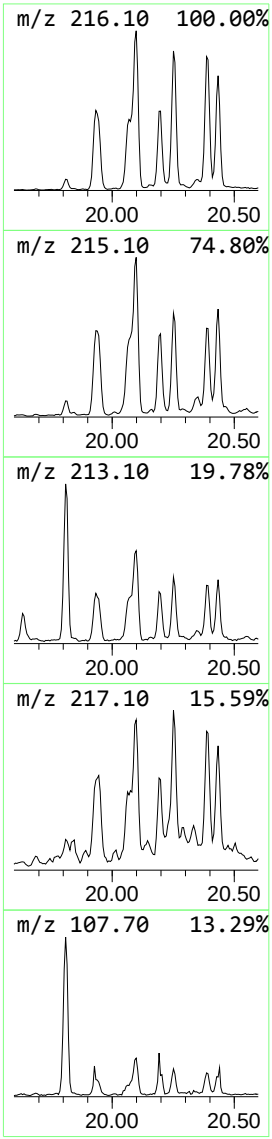
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.098	2.17 ng	462275	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

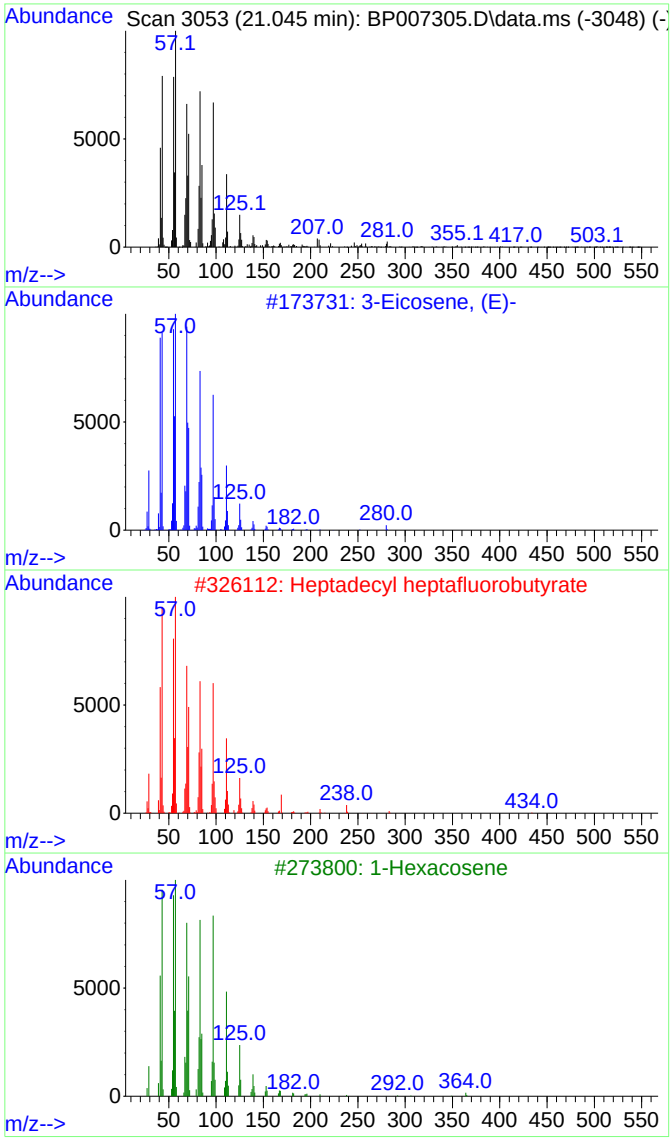
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

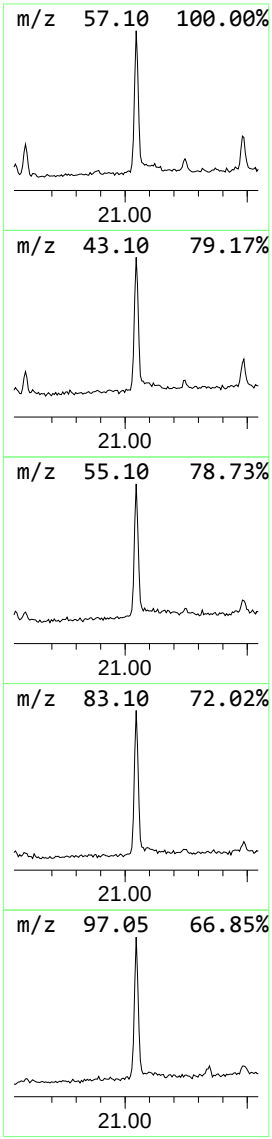
****

Peak Number 9 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.63 ng	560953	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5	Cyclopentadecane	210	C15H30	000295-48-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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

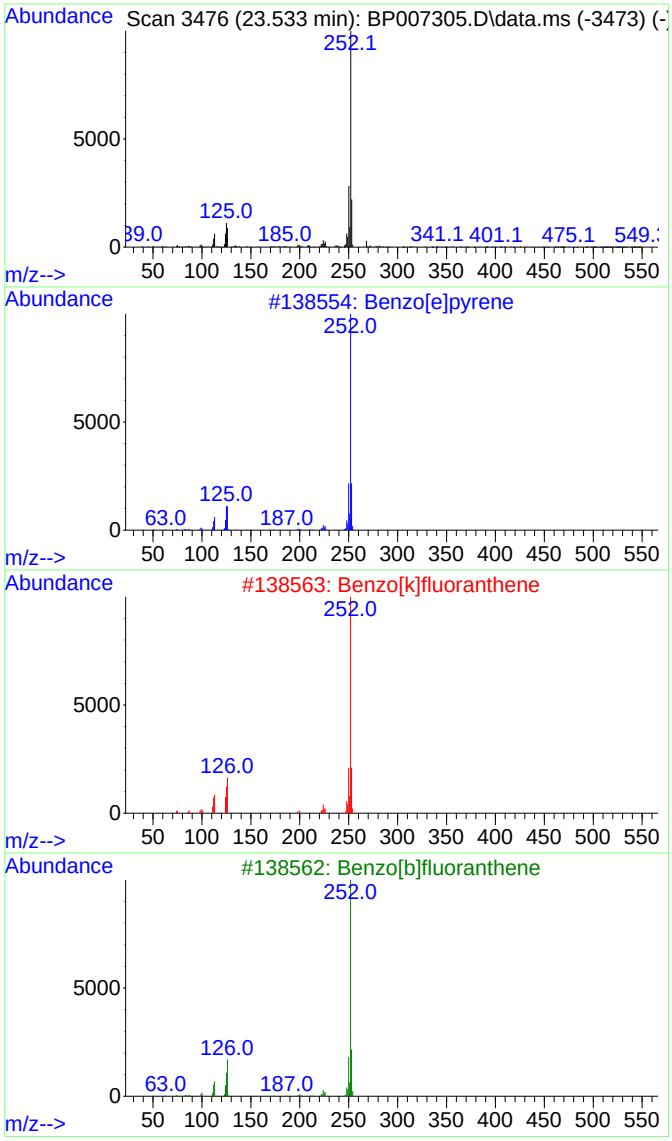
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

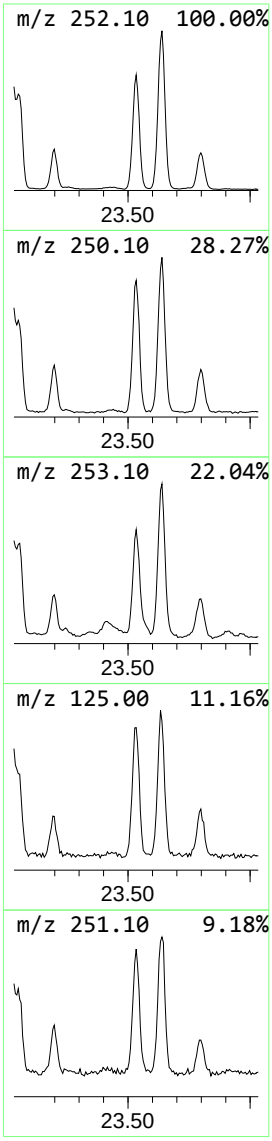
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.533	6.31 ng	717423	Perylene-d12	23.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007305.D
Acq On : 04 Oct 2021 15:13
Operator : CG/JU
Sample : M4035-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 369

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-b...	10.457	3.0	ng	305417	2	10.663	2066970	20.0
Phenanthrene, 1...	18.122	2.2	ng	346217	4	17.251	3186570	20.0
1H-Cyclopropa[l...	18.163	3.2	ng	508896	4	17.251	3186570	20.0
4H-Cyclopenta[d...	18.304	4.4	ng	702658	4	17.251	3186570	20.0
9,10-Dimethylan...	19.004	3.0	ng	479126	4	17.251	3186570	20.0
Cyclopenta(def)...	19.145	2.5	ng	400339	4	17.251	3186570	20.0
Pyrene, 1-methyl-	19.927	2.7	ng	569525	5	21.339	4267180	20.0
11H-Benzo[b]flu...	20.098	2.2	ng	462275	5	21.339	4267180	20.0
3-Eicosene, (E)-	21.045	2.6	ng	560953	5	21.339	4267180	20.0
Benzo[e]pyrene	23.533	6.3	ng	717423	6	23.745	2275630	20.0