LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	402	408	427	rBV	311003	495777	14.07%	1.214%
2	7.093	674	681	700	rBV	278373	501616	14.24%	1.228%
3	7.910	813	820	830	rBV	253966	414765	11.77%	1.016%
4	9.081	1011	1019	1030	rBV	166391	319792	9.08%	0.783%
5	10.716	1288	1297	1302	rBV	304719	540659	15.35%	1.324%
6	10.763	1302	1305	1312	rVB	30355	53126	1.51%	0.130%
7	13.169	1707	1714	1723	rBV	471427	724402	20.56%	1.774%
8	13.869	1826	1833	1837	rBV2	22108	40217	1.14%	0.098%
9	14.263	1891	1900	1908	rBV	52171	92392	2.62%	0.226%
10	14.540	1938	1947	1953	rBV	496822	734474	20.85%	1.799%
11	14.604	1953	1958	1966	rVB	102592	153343	4.35%	0.376%
12	14.940	2010	2015	2023	rBV	54701	81137	2.30%	0.199%
13	15.587	2119	2125	2136	rBV2	79256	131247	3.73%	0.321%
14	15.881	2171	2175	2184	rVB	34394	55285	1.57%	0.135%
15	16.028	2195	2200	2210	rBV	454437	702801	19.95%	1.721%
16	16.263	2234	2240	2252	rVB4	30226	63805	1.81%	0.156%
17	16.569	2285	2292	2294	rBV2	25803	50953	1.45%	0.125%
18	16.816	2326	2334	2338	rBV3	27987	61051	1.73%	0.150%
19	16.945	2351	2356	2362	rVB	71584	102907	2.92%	0.252%
20	17.104	2378	2383	2391	rVB	77873	125771	3.57%	0.308%
21	17.286	2408	2414	2417	rBV	607978	869446	24.68%	2.129%
22	17.328	2417	2421	2429	rVV	1523231	2134934	60.60%	5.228%
23	17.422	2429	2437	2442	rVV	310574	451548	12.82%	1.106%
24	17.486	2442	2448	2453	rVV2	30854	58280	1.65%	0.143%
25	17.692	2476	2483	2494	rBV2	100598	223829	6.35%	0.548%
26	17.804	2499	2502	2508	rVV2	48921	72450	2.06%	0.177%
27	17.869	2509	2513	2520	rVB4	43462	82830	2.35%	0.203%
28	18.151	2556	2561	2565	rBV	246992	349400	9.92%	0.856%
29	18.198	2565	2569	2575	rVB	339735	451254	12.81%	1.105%
30	18.275	2578	2582	2587	rBV	111275	155386	4.41%	0.381%
31	18.339	2587	2593	2597	rBV2	316477	609414	17.30%	1.492%
32	18.375	2597	2599	2606	rVB	182235	209064	5.93%	0.512%
33	18.445	2608	2611	2615	rVV3	38086	47357	1.34%	0.116%
34	18.633	2639	2643	2647	rBV	198316	237112	6.73%	0.581%
35	18.680	2647	2651	2658	rVV	156150	209878	5.96%	0.514%
36	18.751	2660	2663	2670	rVB2	32681	46435	1.32%	0.114%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.869	2680	2683	2688	rVV	68929	87825	2.49%	0.215%
38	18.916	2689	2691	2694	rVV	55424	58789	1.67%	0.144%
39	18.957	2695	2698	2701	rVB	59583	69620	1.98%	0.170%
40	19.033	2706	2711	2717	rBV	161498	319880	9.08%	0.783%
41	19.175	2731	2735	2742	rVB2	152551	251232	7.13%	0.615%
42	19.292	2749	2755	2761	rBV	2781063	3522791	100.00%	8.627%
43	19.351	2762	2765	2768	rVV	44135	49026	1.39%	0.120%
44	19.386	2768	2771	2775	rVB	81562	98692	2.80%	0.242%
45	19.433	2776	2779	2783	rBV	74507	88933	2.52%	0.218%
46	19.527	2792	2795	2798	rVB	66336	72224	2.05%	0.177%
47	19.616	2805	2810	2811	rBV	429859	589103	16.72%	1.443%
48	19.645	2811	2815	2822	rVV	2621440	3506928	99.55%	8.588%
49	19.710	2822	2826	2832	rVB2	148224	233214	6.62%	0.571%
50	19.833	2840	2847	2851	rBV2	992091	1321609	37.52%	3.236%
51	19.880	2851	2855	2859	rVB	133620	190891	5.42%	0.467%
52	19.963	2862	2869	2875	rBV3	194631	493302	14.00%	1.208%
53	20.092	2886	2891	2892	rBV2	153142	239424	6.80%	0.586%
54	20.122	2893	2896	2901	rVB2	304148	404146	11.47%	0.990%
55	20.216	2909	2912	2916	rBV	135500	183317	5.20%	0.449%
56	20.275	2917	2922	2926	rVB2	272132	429510	12.19%	1.052%
57	20.416	2942	2946	2949	rBV	191455	245362	6.96%	0.601%
58	20.457	2949	2953	2957	rVV2	195844	241811	6.86%	0.592%
59	20.851	3017	3020	3027	rVB	269580	357042	10.14%	0.874%
60	21.010	3043	3047	3051	rBV2	210543	345112	9.80%	0.845%
61	21.051	3051	3054	3058	rVV2	312047	420261	11.93%	1.029%
62	21.092	3058	3061	3065	rVV2	242535	369866	10.50%	0.906%
63	21.145	3066	3070	3077	rVB3	290219	447352	12.70%	1.095%
64	21.351	3100	3105	3110	rBV3	1775717	3437661	97.58%	8.418%
65	21.398	3110	3113	3123	rVB	1412872	1957039	55.55%	4.792%
66	21.522	3131	3134	3140	rVB	162687	210958	5.99%	0.517%
67	21.933	3201	3204	3209	rVB	262357	334878	9.51%	0.820%
68	23.033	3385	3391	3396	rBV	1030201	2438166	69.21%	5.971%
69	23.557	3474	3480	3490	rVB	722656	1523746	43.25%	3.731%
70	23.663	3492	3498	3506	rVB	1048525	2041294	57.95%	4.999%
71	23.763	3510	3515	3521	rBV2	598415	1187253	33.70%	2.907%
72	26.292	3940	3945	3958	rVB2	522685	1413736	40.13%	3.462%

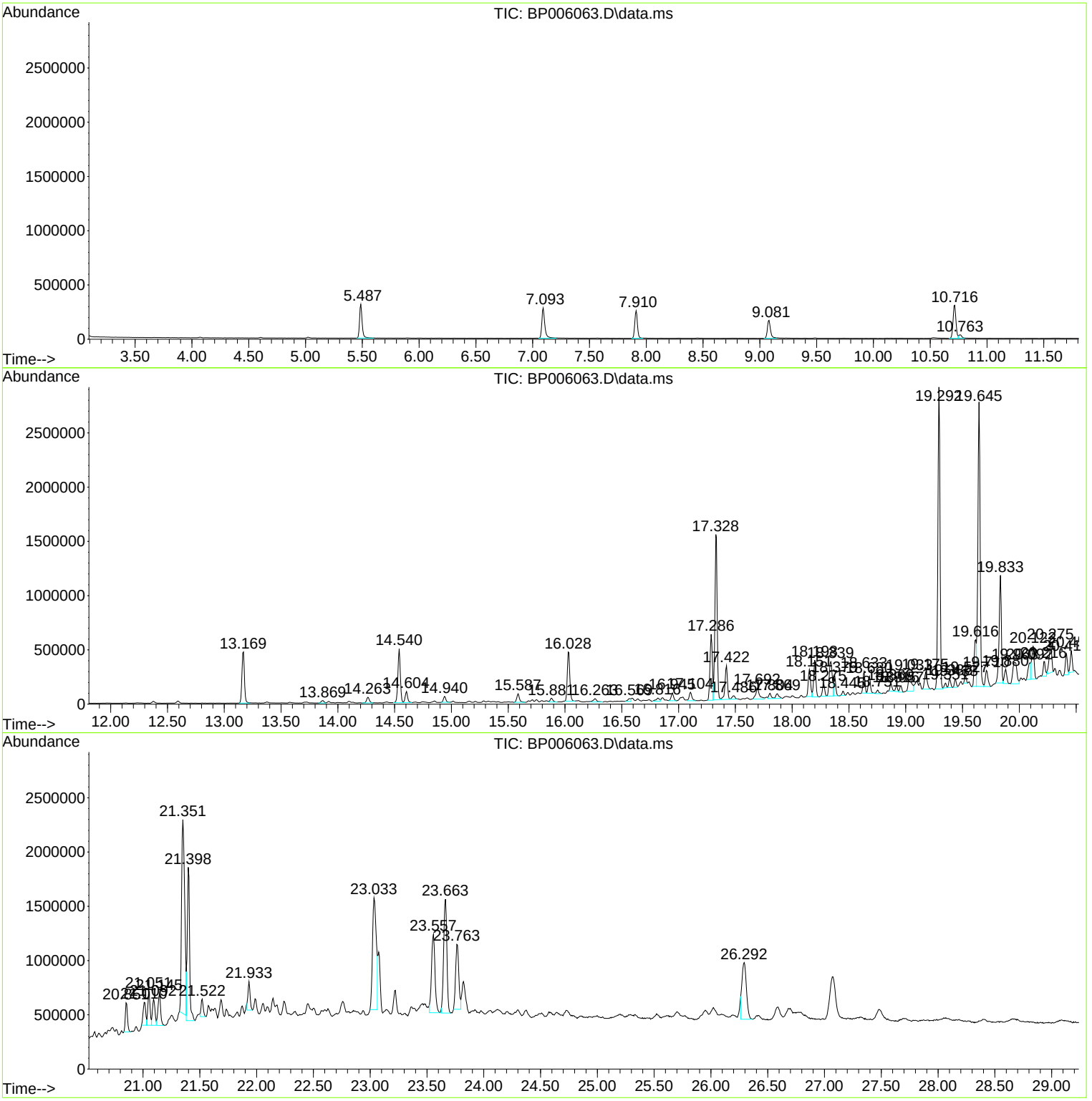
Sum of corrected areas: 40836130

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

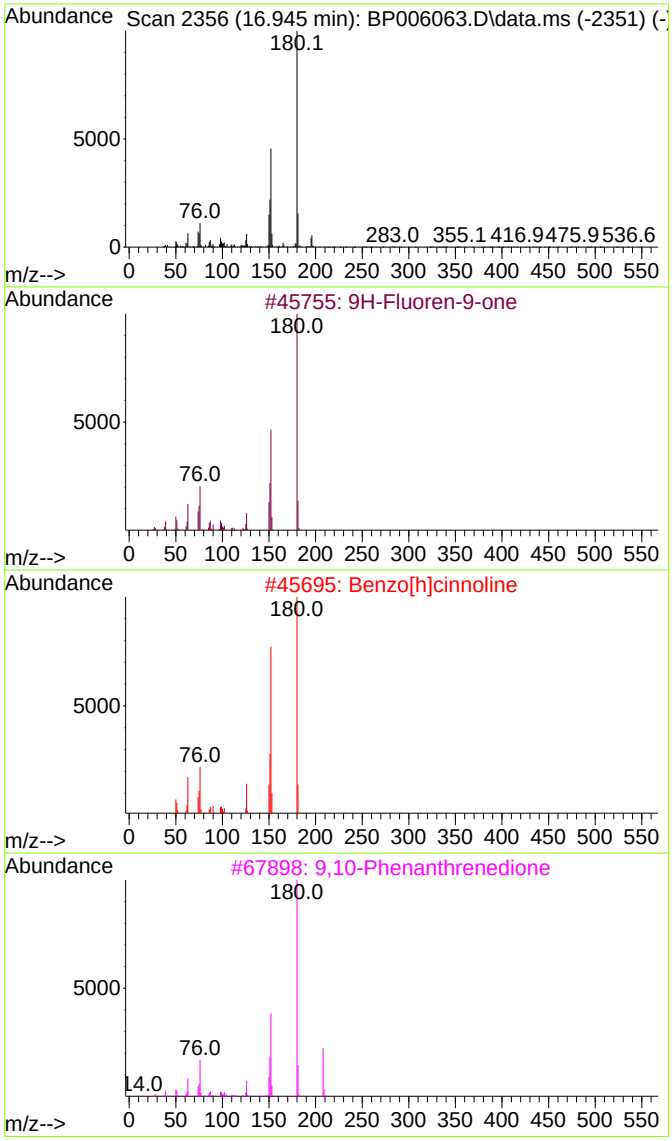
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

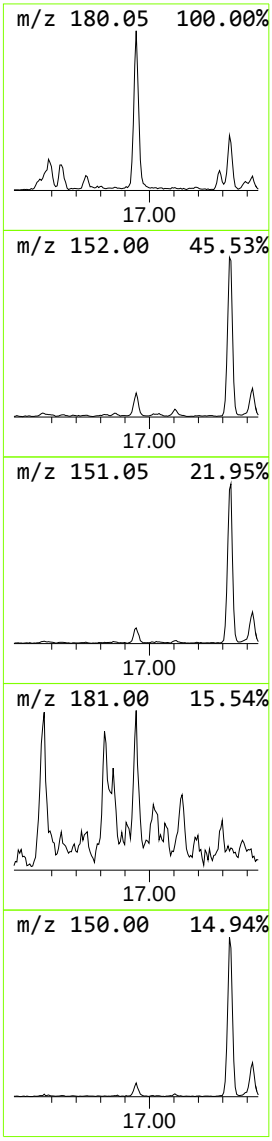
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	2.37 ng	102907	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	50
5	9-Aminofluorene	181	C13H11N	000525-03-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

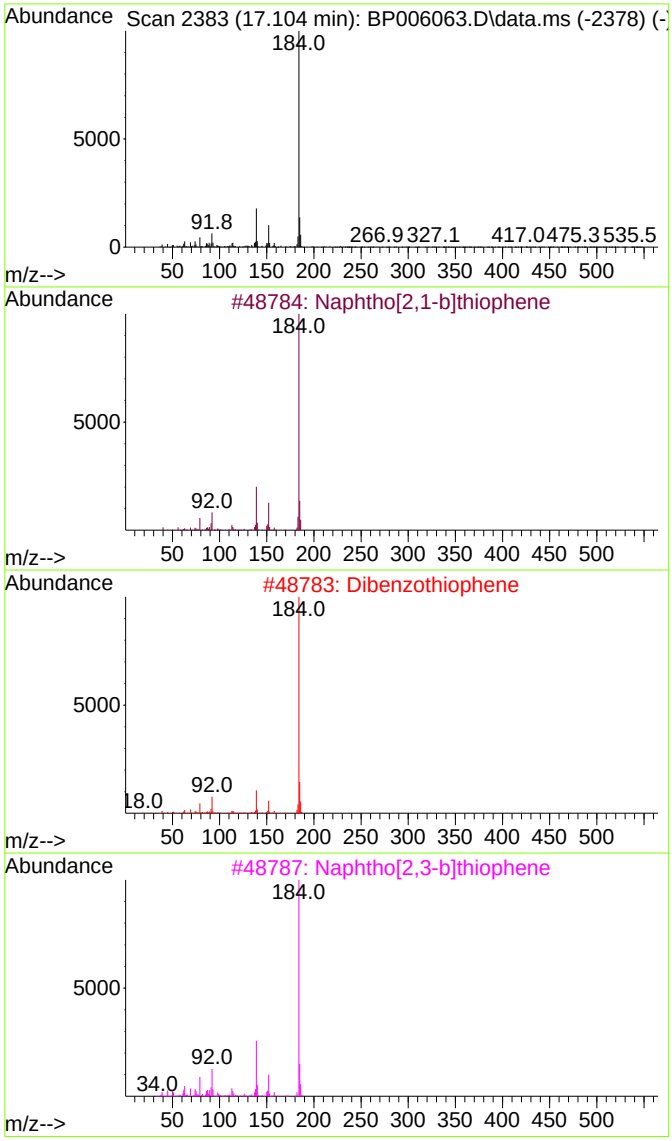
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

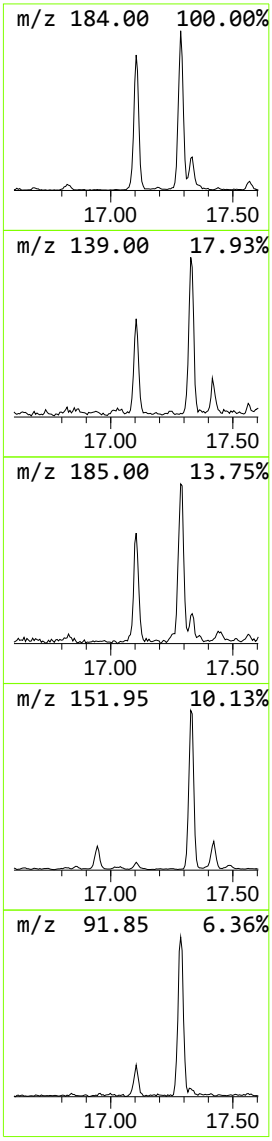
****

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.89 ng	125771	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

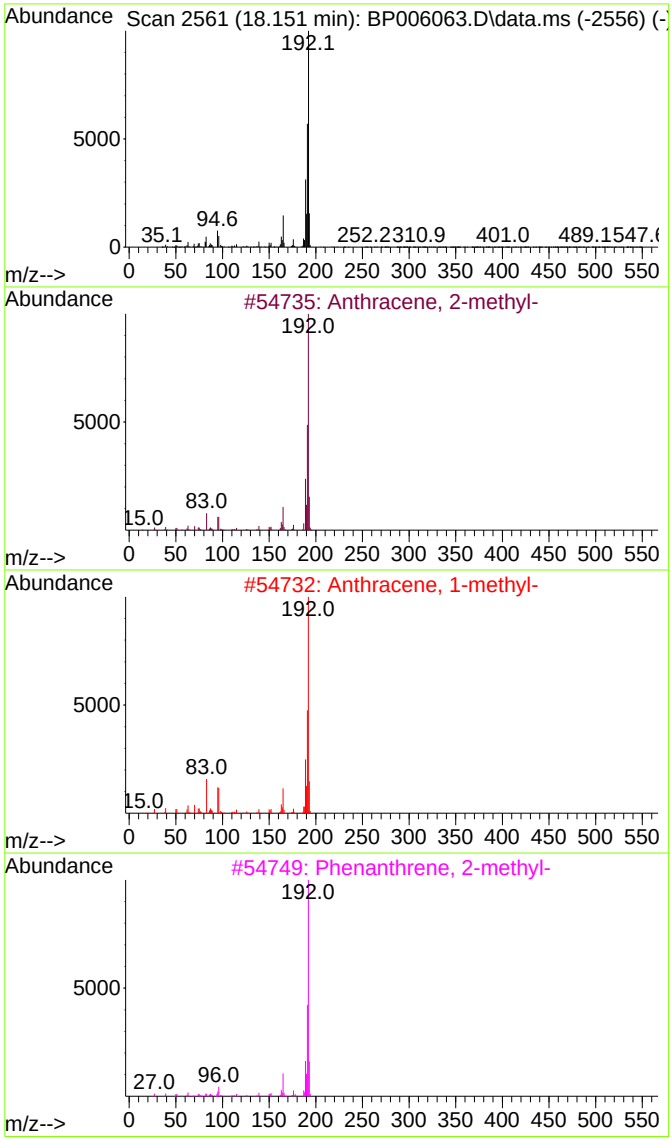
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

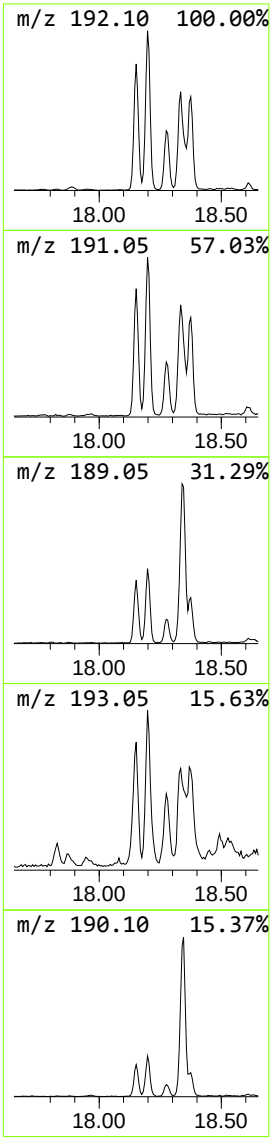
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	8.04 ng	349400	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

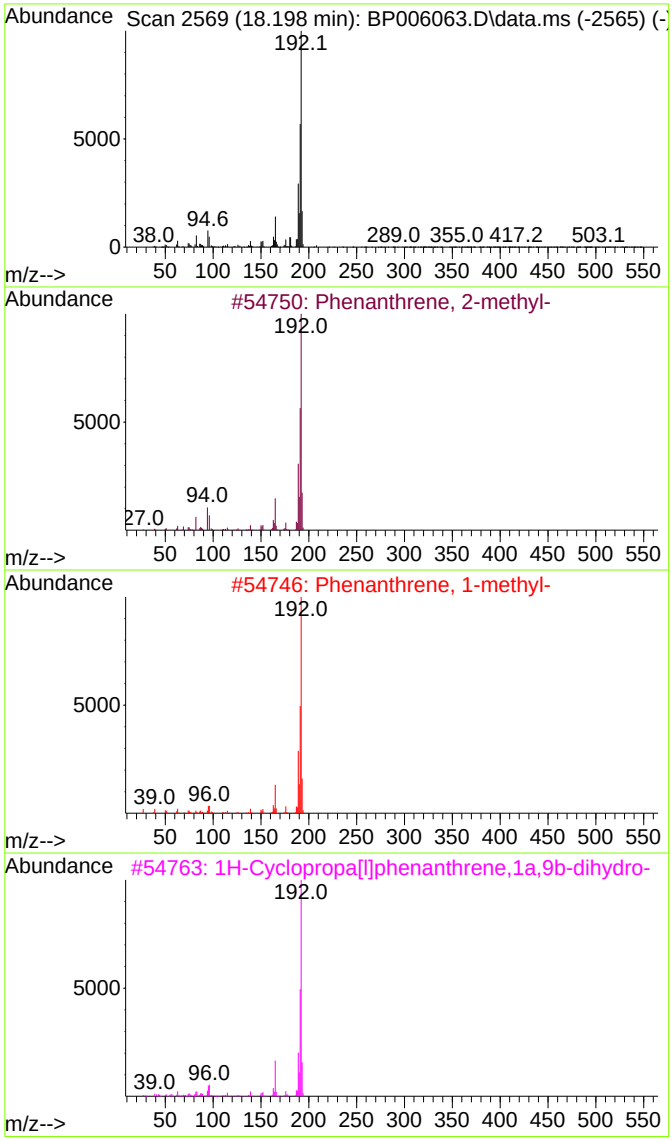
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

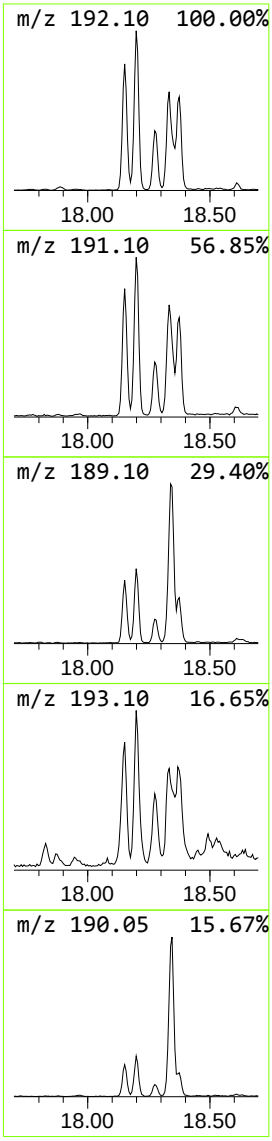
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	10.38 ng	451254	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

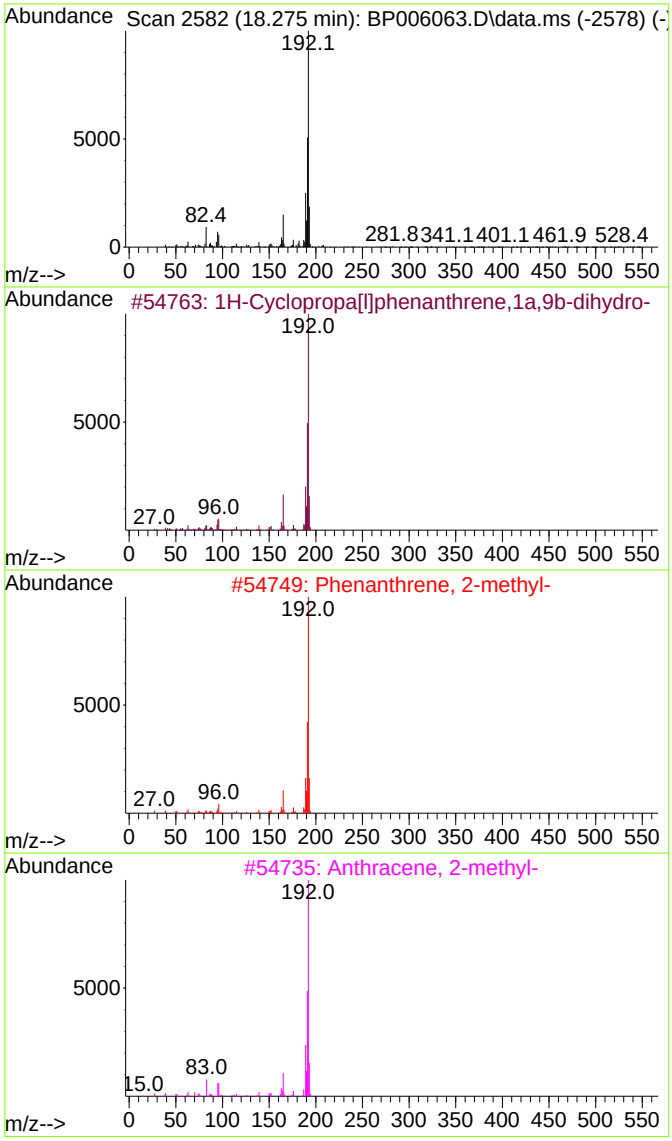
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

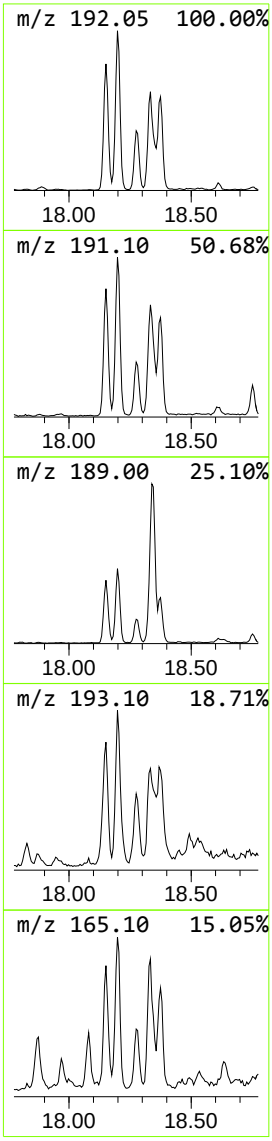
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	3.57 ng	155386	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

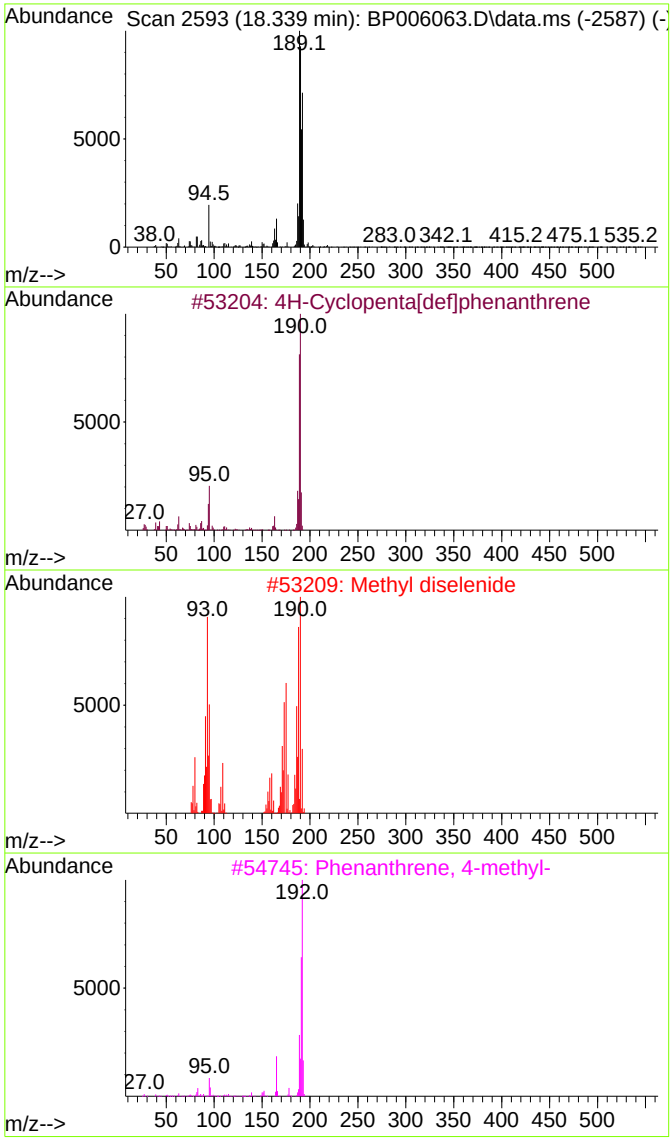
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

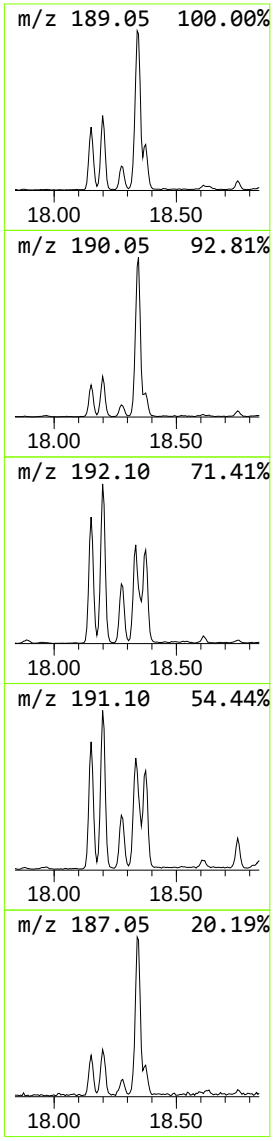
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	14.02 ng	609414	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

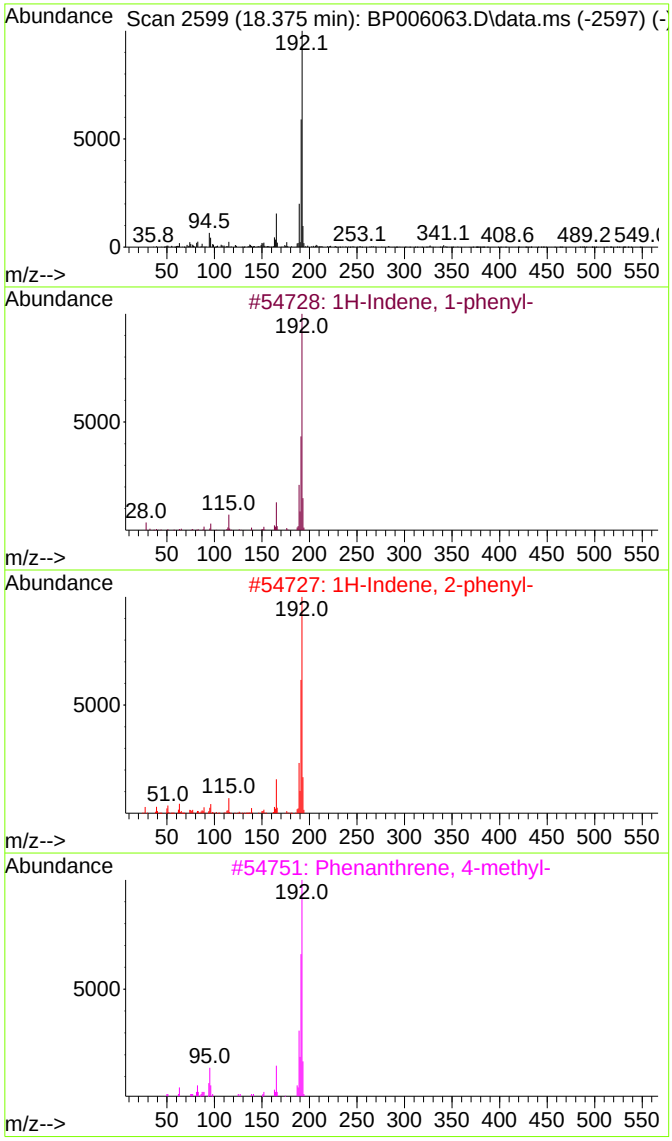
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

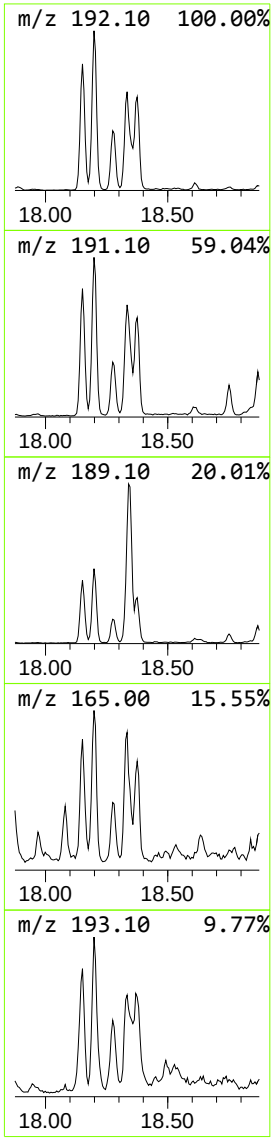
****

Peak Number 8 1H-Indene, 1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	4.81 ng	209064	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





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Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

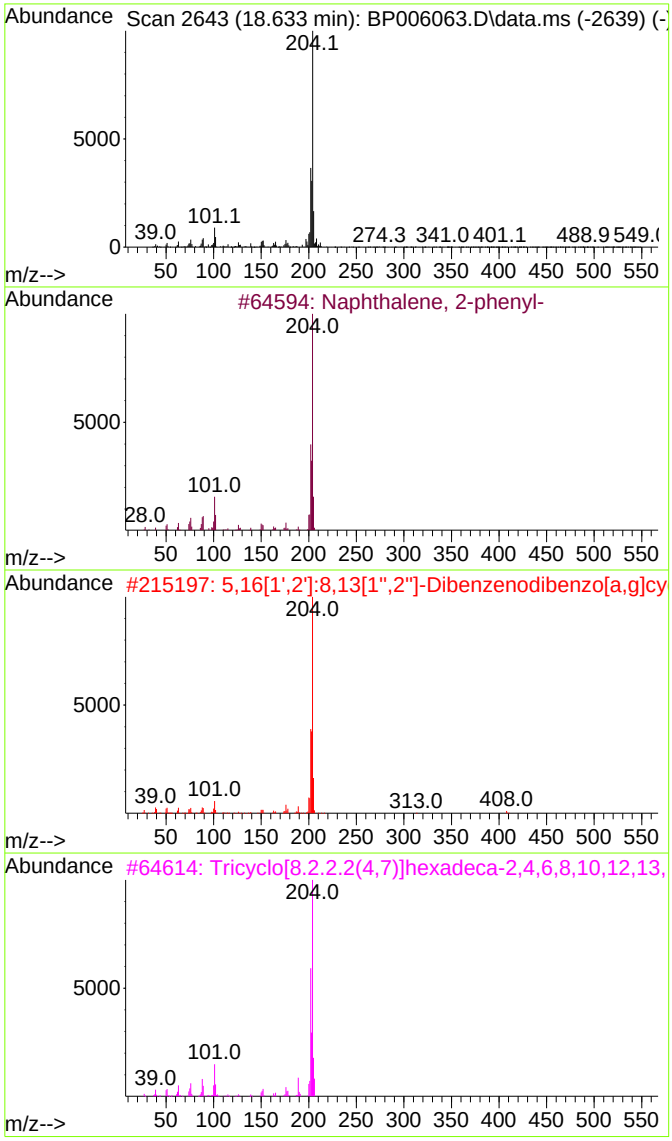
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

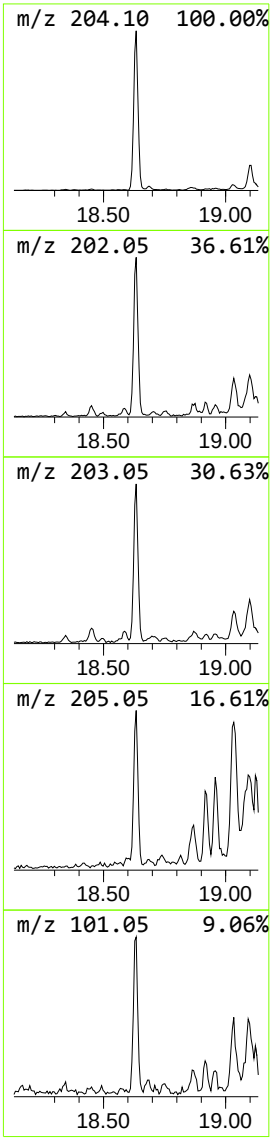
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.633	5.45 ng	237112	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Levamisole	204	C11H12N2S	014769-73-4	58





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Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

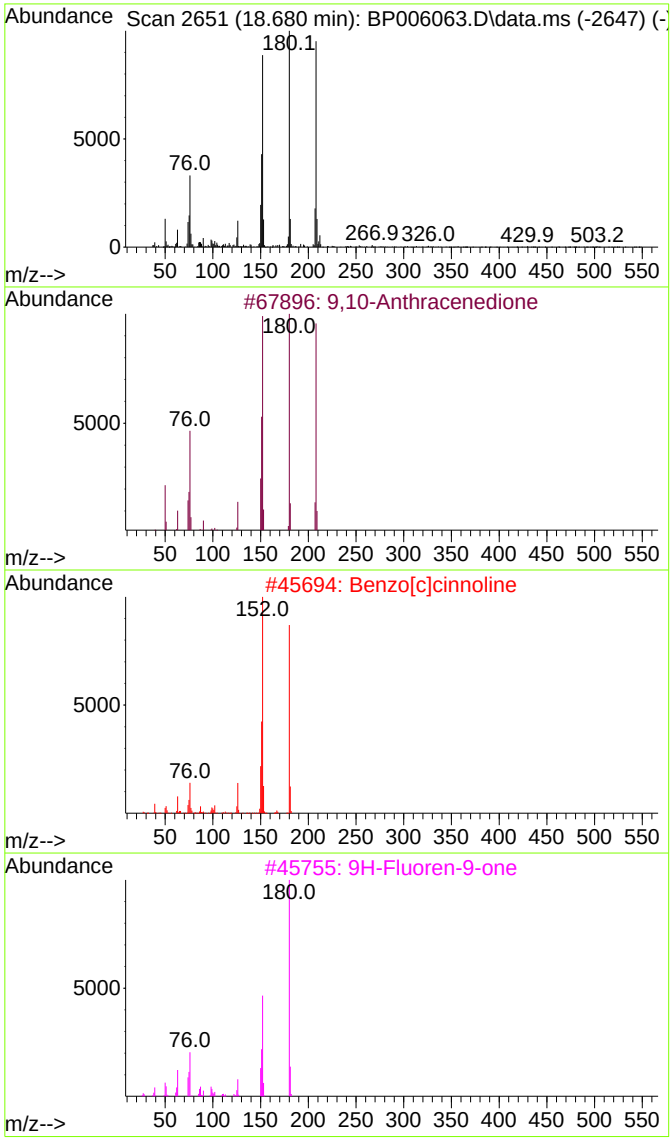
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

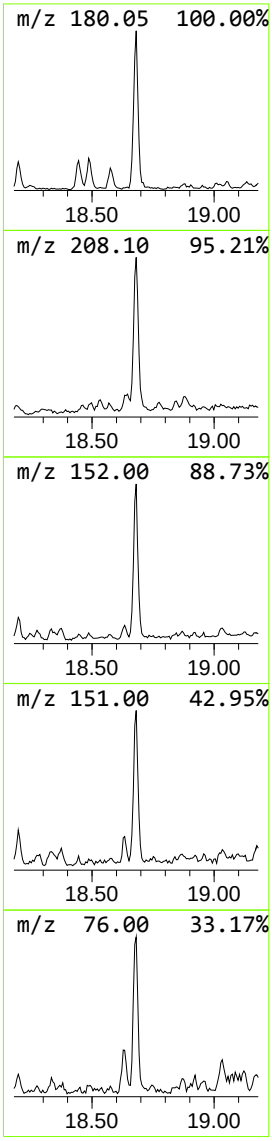
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	4.83 ng	209878	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52





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Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

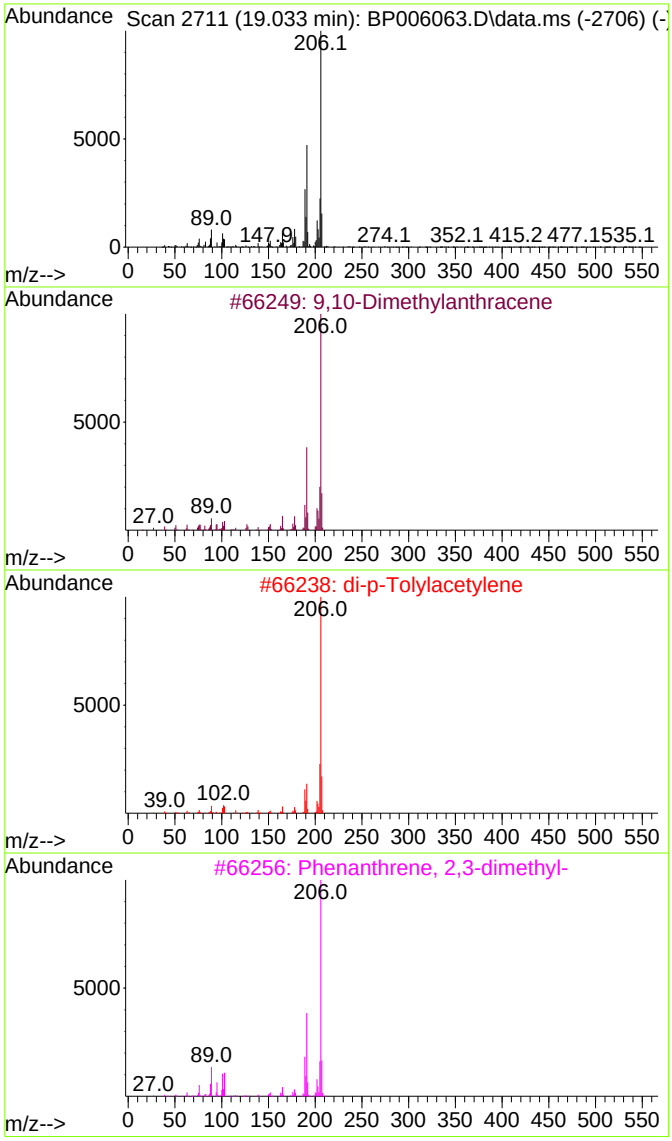
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

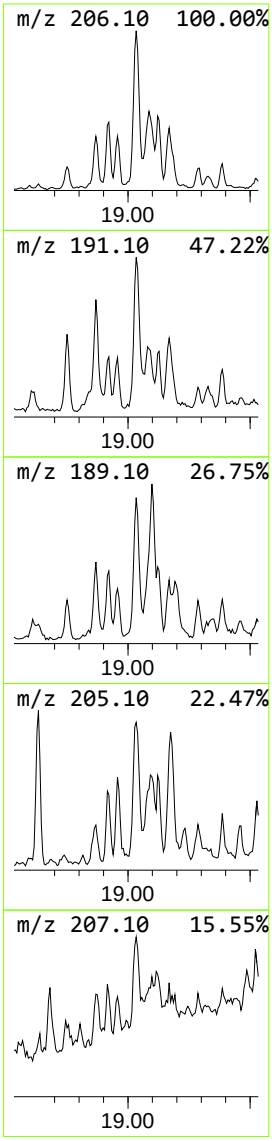
****

Peak Number 11 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	7.36 ng	319880	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86





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Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-0-2

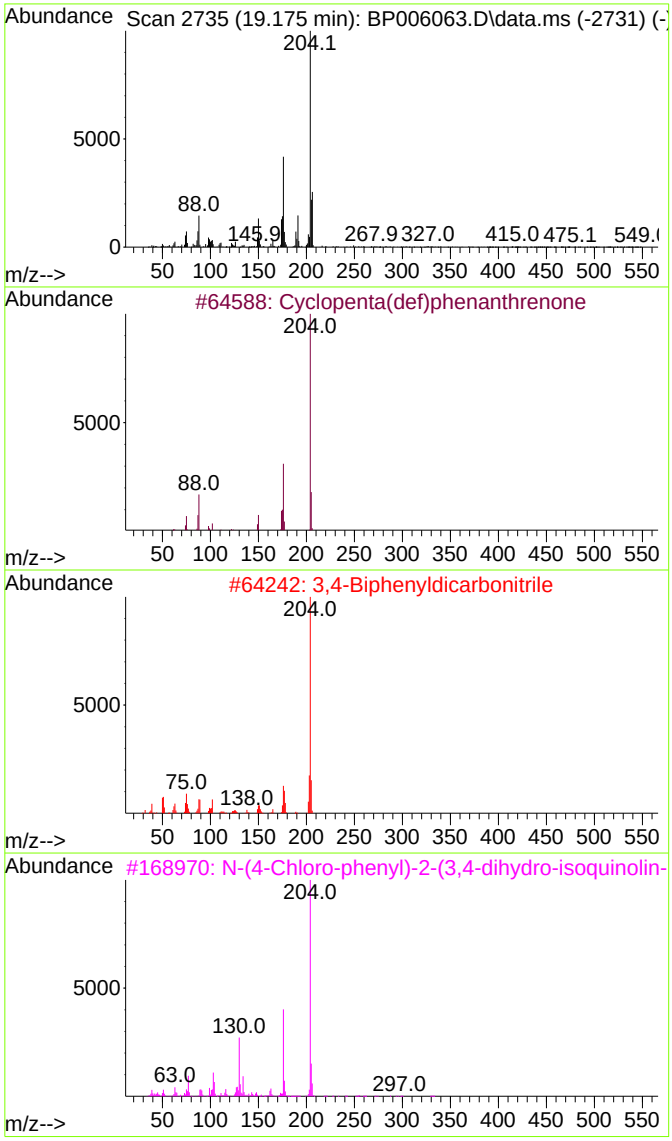
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

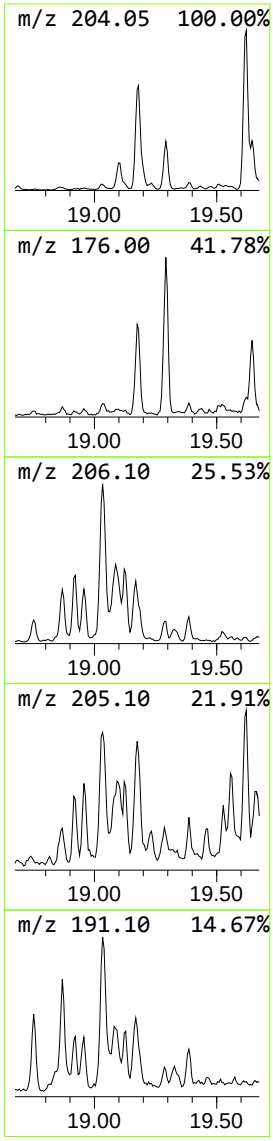
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	5.78 ng	251232	Phenanthrene-d10	17.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B2-0-2

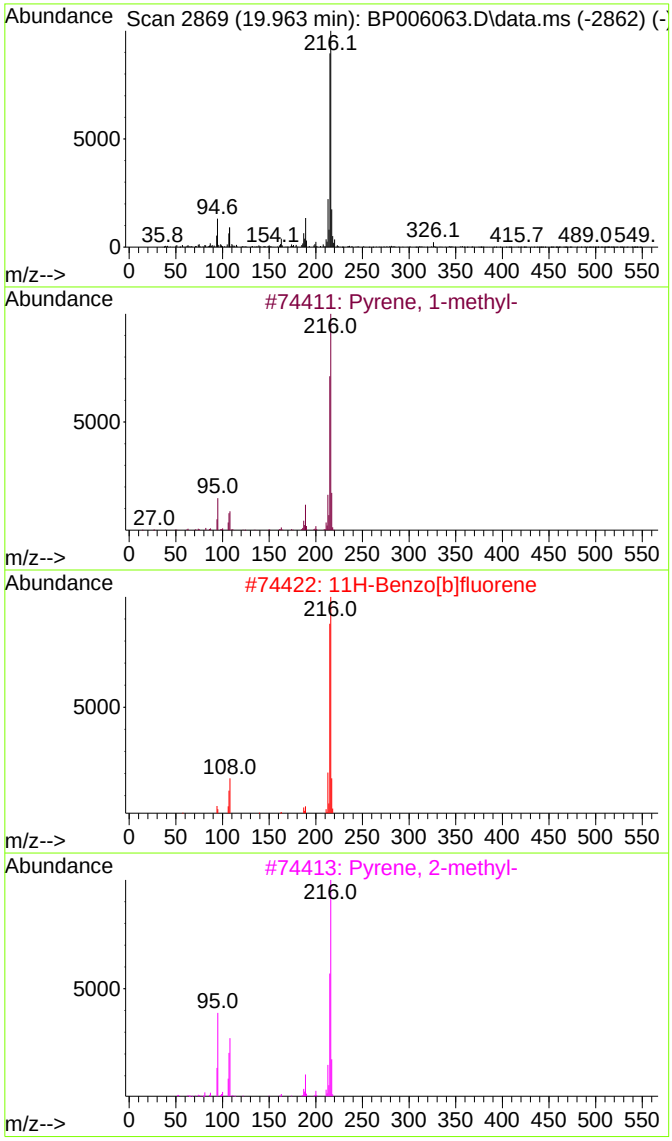
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

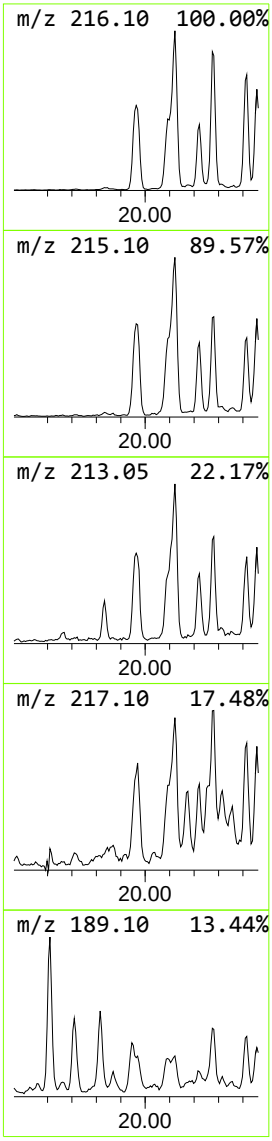
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	2.87 ng	493302	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

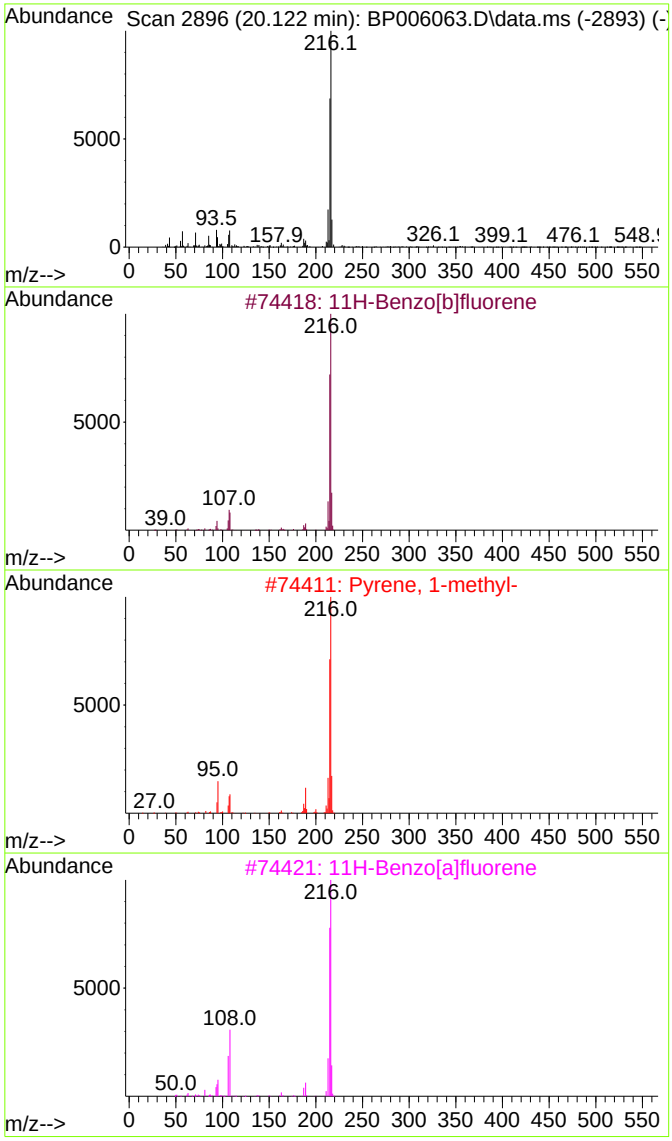
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

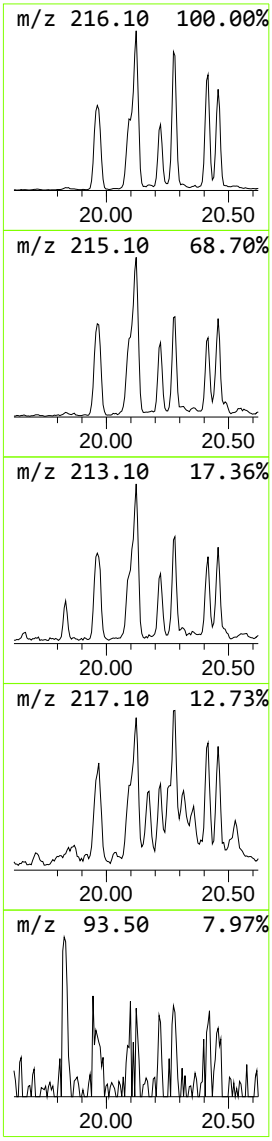
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	2.35 ng	404146	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72





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Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

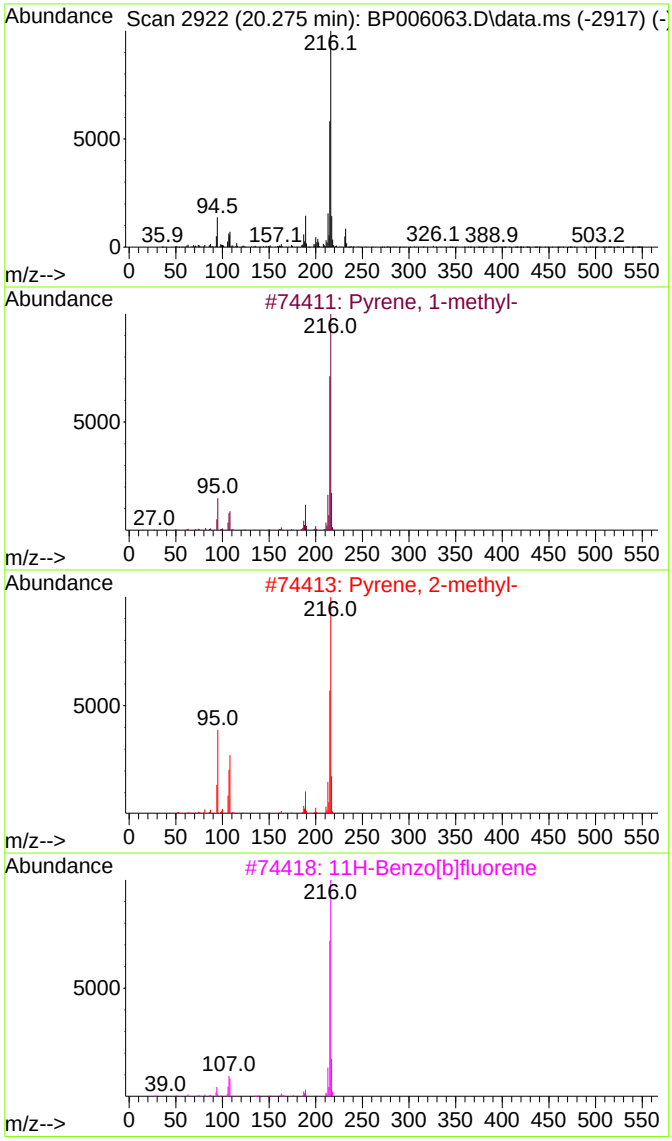
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

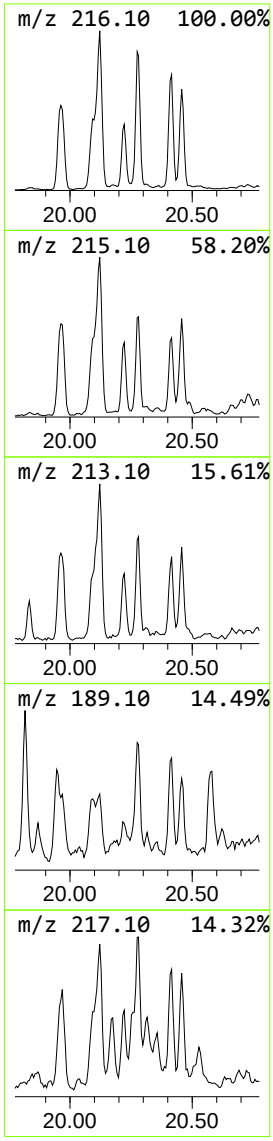
****

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	2.50 ng	429510	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

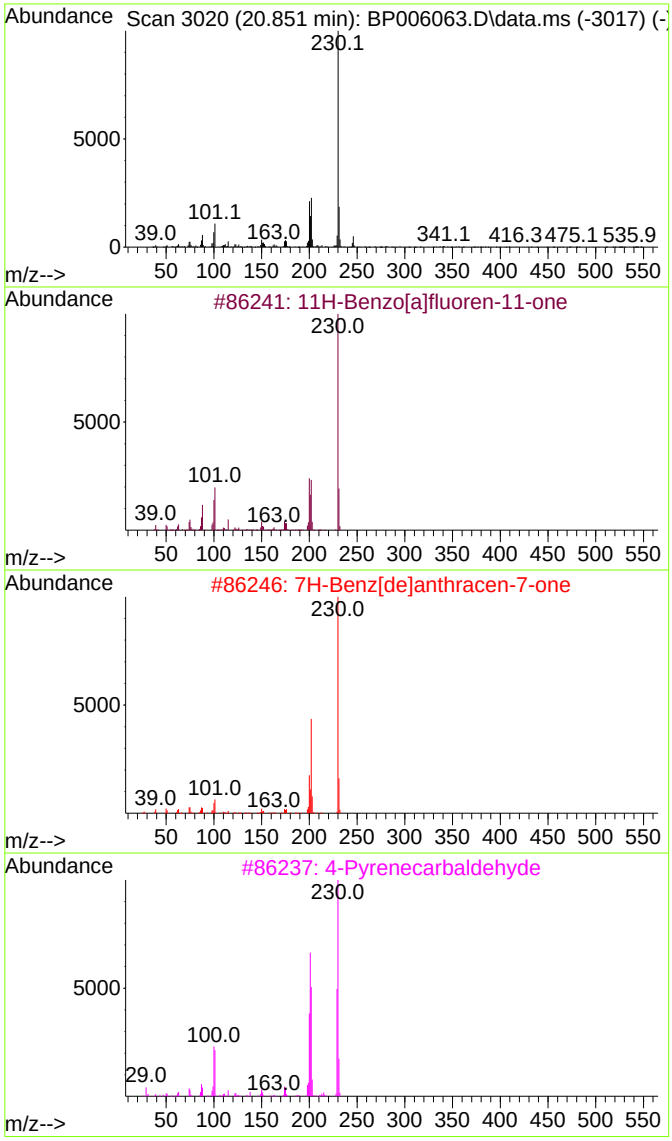
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

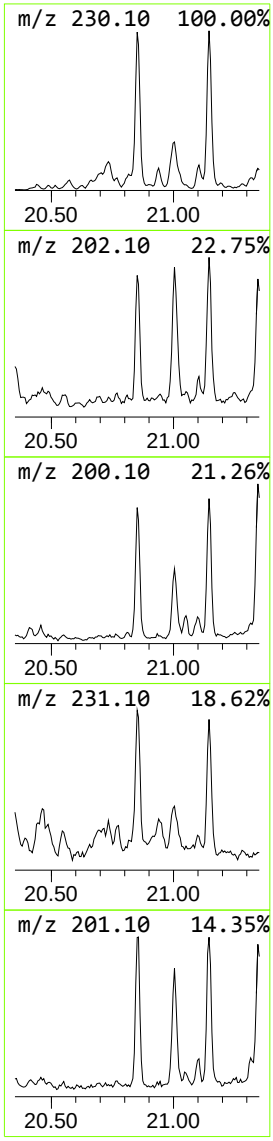
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.851	2.08 ng	357042	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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Sample : M2795-03
Misc :
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Instrument : BNA_P
ClientSampleId : B2-0-2

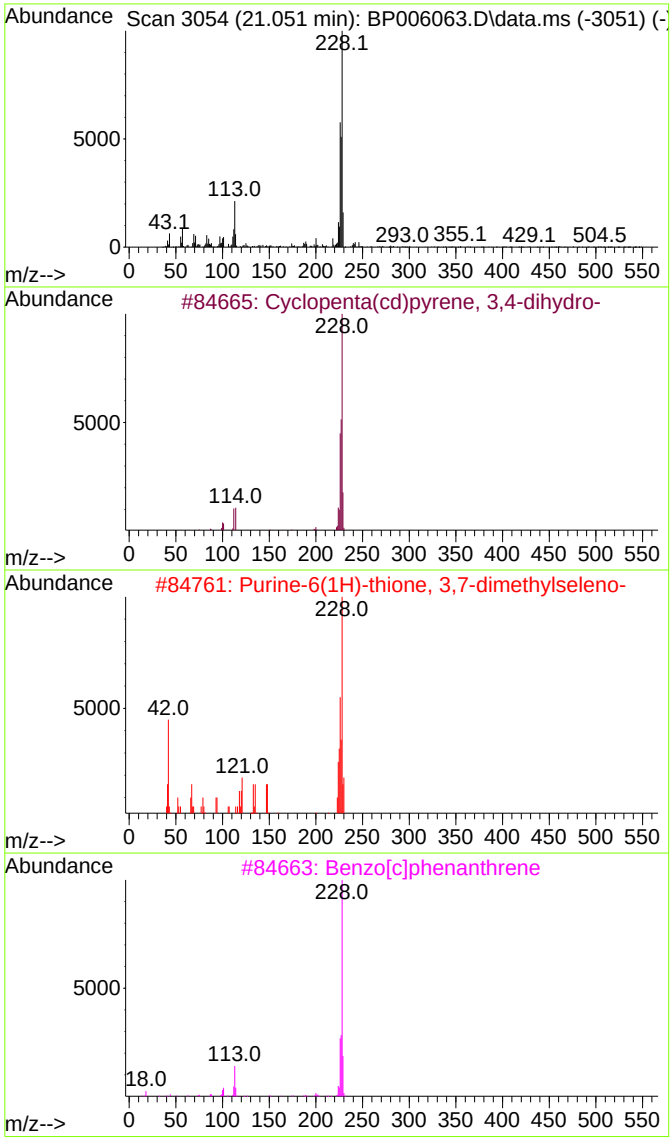
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

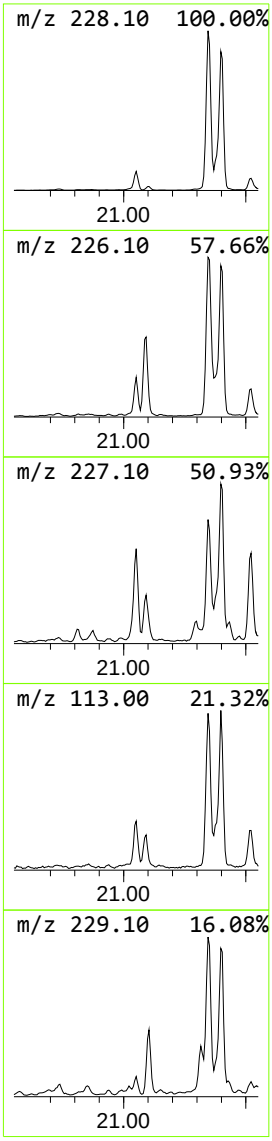
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.45 ng	420261	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	64
2	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	64
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
4	Triphenylene	228	C18H12	000217-59-4	45
5	Benz[a]anthracene	228	C18H12	000056-55-3	43





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Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

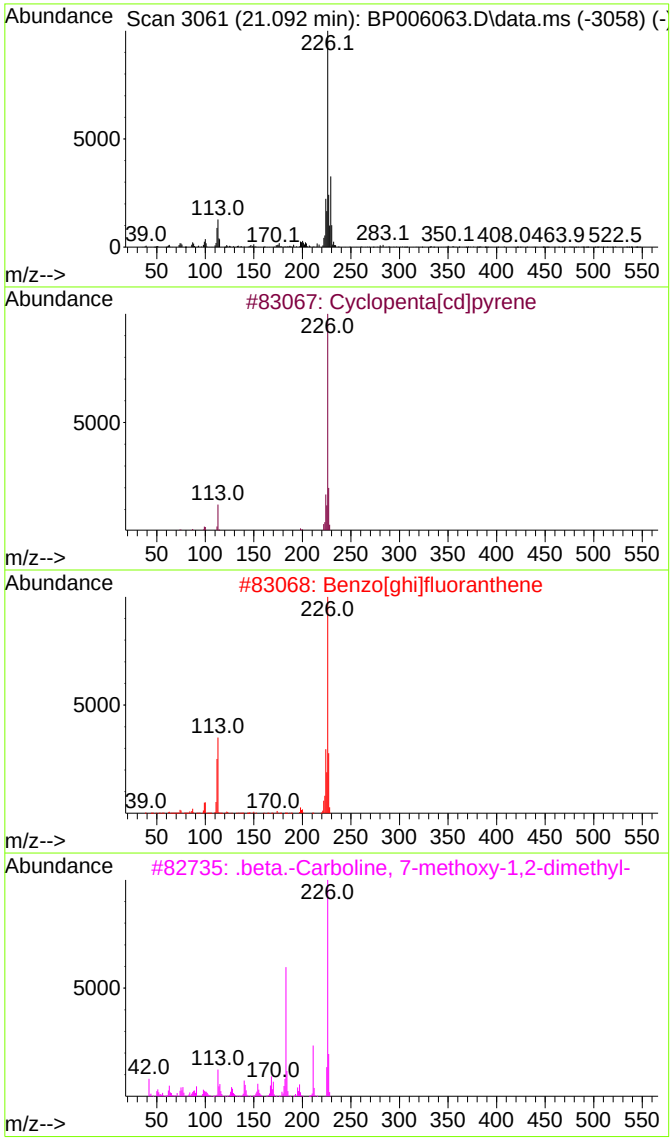
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

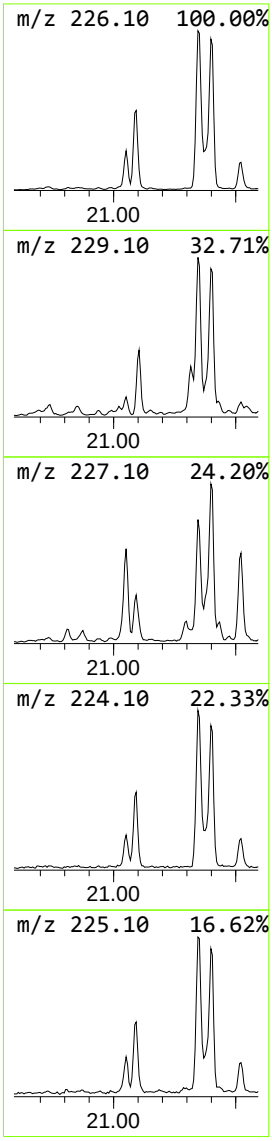
****

Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.15 ng	369866	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
4	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	50
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38





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Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

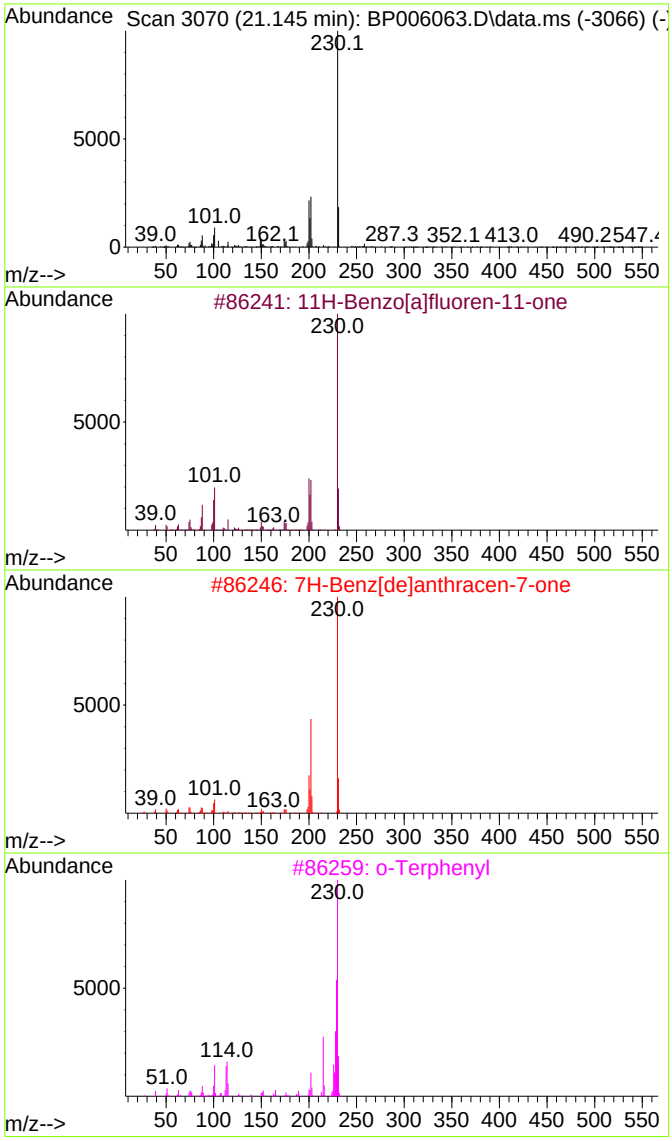
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

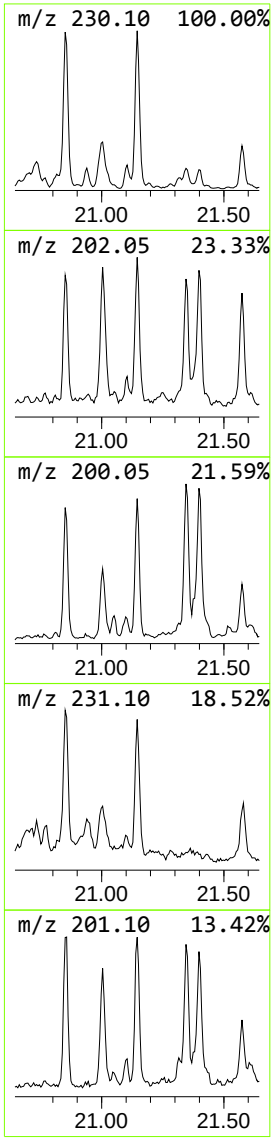
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	2.60 ng	447352	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	50
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47
5	Benzo(b)phenazine	230	C16H10N2	000257-97-6	47





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Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

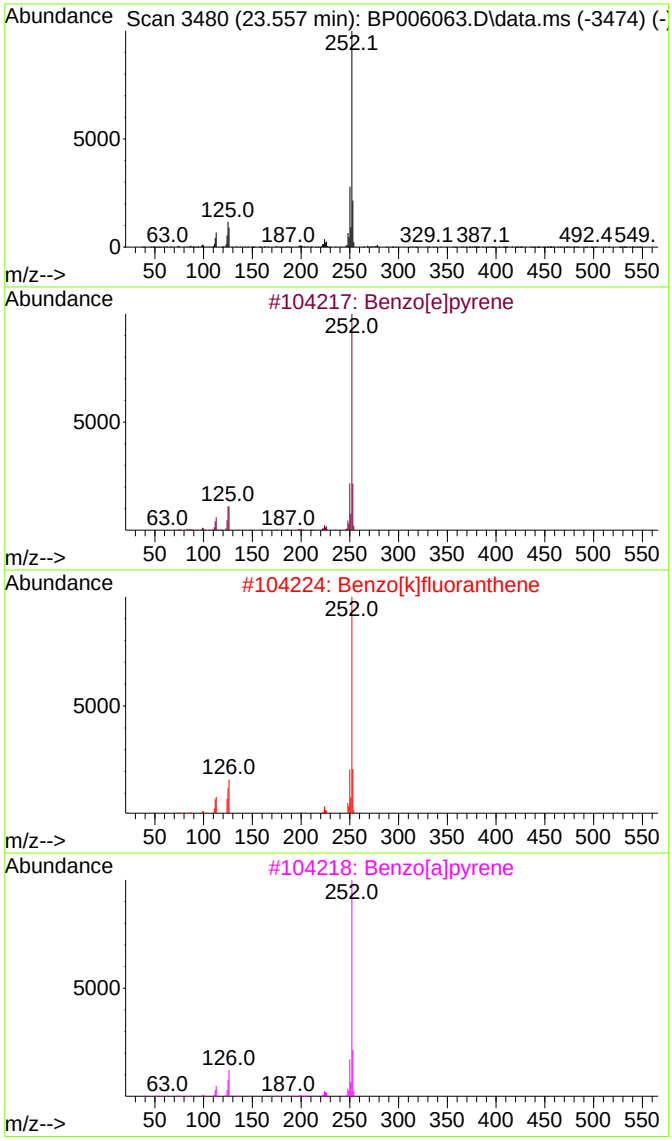
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

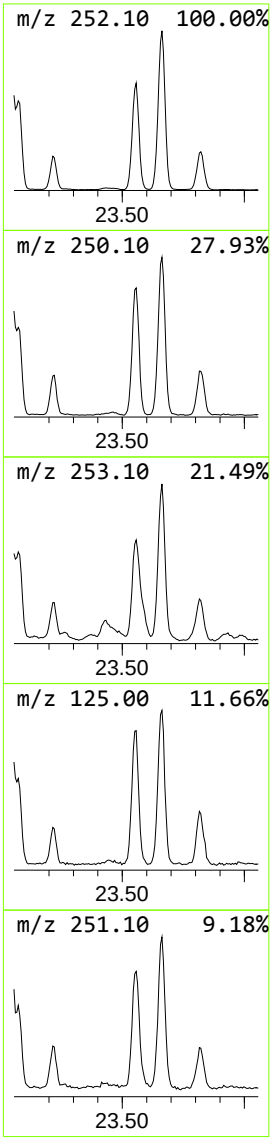
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	25.67 ng	1523750	Perylene-d12	23.769

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9H-Fluoren-9-one	16.945	2.4	ng	102907	4	17.286	869446	20.0
Naphtho[2,1-b]t...	17.104	2.9	ng	125771	4	17.286	869446	20.0
Anthracene, 2-m...	18.151	8.0	ng	349400	4	17.286	869446	20.0
Phenanthrene, 2...	18.198	10.4	ng	451254	4	17.286	869446	20.0
1H-Cyclopropa[l...	18.275	3.6	ng	155386	4	17.286	869446	20.0
4H-Cyclopenta[d...	18.339	14.0	ng	609414	4	17.286	869446	20.0
1H-Indene, 1-ph...	18.375	4.8	ng	209064	4	17.286	869446	20.0
Naphthalene, 2-...	18.633	5.5	ng	237112	4	17.286	869446	20.0
9,10-Anthracene...	18.680	4.8	ng	209878	4	17.286	869446	20.0
9,10-Dimethylan...	19.033	7.4	ng	319880	4	17.286	869446	20.0
Cyclopenta(def)...	19.175	5.8	ng	251232	4	17.286	869446	20.0
Pyrene, 1-methyl-	19.963	2.9	ng	493302	5	21.363	3437660	20.0
11H-Benzo[b]flu...	20.122	2.4	ng	404146	5	21.363	3437660	20.0
Pyrene, 2-methyl-	20.275	2.5	ng	429510	5	21.363	3437660	20.0
11H-Benzo[a]flu...	20.851	2.1	ng	357042	5	21.363	3437660	20.0
Cyclopenta(cd)p...	21.051	2.5	ng	420261	5	21.363	3437660	20.0
Cyclopenta[cd]p...	21.092	2.1	ng	369866	5	21.363	3437660	20.0
7H-Benz[de]anth...	21.145	2.6	ng	447352	5	21.363	3437660	20.0
Benzo[e]pyrene	23.557	25.7	ng	1523750	6	23.769	1187250	20.0