LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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: BP006060.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	401	408	419	rBV	644897	986939	36.05%	2.737%
2	7.087	674	680	698	rBV	568337	1015306	37.09%	2.816%
3	7.911	812	820	829	rBV	278702	449710	16.43%	1.247%
4	9.075	1011	1018	1036	rBV	367939	662971	24.22%	1.839%
5	10.516	1257	1263	1273	rBV2	15701	41951	1.53%	0.116%
6	10.716	1288	1297	1302	rBV	340983	594876	21.73%	1.650%
7	10.763	1302	1305	1319	rVB	44737	80378	2.94%	0.223%
8	12.375	1573	1579	1588	rBV	21411	35974	1.31%	0.100%
9	12.593	1609	1616	1622	rBV	20938	33434	1.22%	0.093%
10	13.169	1705	1714	1728	rBV	906849	1400557	51.16%	3.885%
11	13.863	1825	1832	1838	rBV2	21627	40171	1.47%	0.111%
12	14.263	1891	1900	1910	rVB	47845	76856	2.81%	0.213%
13	14.540	1937	1947	1953	rVV	562517	810478	29.60%	2.248%
14	14.604	1953	1958	1967	rVB	96331	148590	5.43%	0.412%
15	14.940	2009	2015	2022	rBV	57068	88392	3.23%	0.245%
16	15.287	2067	2074	2078	rBV	44846	66135	2.42%	0.183%
17	15.587	2119	2125	2136	rVB3	76342	124092	4.53%	0.344%
18	15.881	2170	2175	2183	rVB	30903	52604	1.92%	0.146%
19	16.028	2194	2200	2211	rBV	919296	1349969	49.31%	3.744%
20	16.263	2233	2240	2247	rVB4	19556	41947	1.53%	0.116%
21	16.569	2285	2292	2294	rBV2	20477	40431	1.48%	0.112%
22	16.587	2294	2295	2300	rVV3	23277	30932	1.13%	0.086%
23	16.816	2326	2334	2338	rBV4	22691	50215	1.83%	0.139%
24	16.945	2351	2356	2362	rVB	54475	85351	3.12%	0.237%
25	17.039	2364	2372	2377	rVV4	29811	71431	2.61%	0.198%
26	17.104	2378	2383	2391	rVB	62512	101783	3.72%	0.282%
27	17.287	2408	2414	2417	rBV	667200	943068	34.45%	2.616%
28	17.328	2417	2421	2429	rVV	1317597	1872397	68.39%	5.193%
29	17.422	2429	2437	2442	rVV	238223	383090	13.99%	1.063%
30	17.487	2442	2448	2458	rVB3	28093	63578	2.32%	0.176%
31	17.698	2475	2484	2495	rBV2	94009	211068	7.71%	0.585%
32	17.804	2499	2502	2508	rVV3	35211	55998	2.05%	0.155%
33	17.869	2509	2513	2521	rVB5	25784	50911	1.86%	0.141%
34	18.151	2556	2561	2565	rVV	181497	271278	9.91%	0.752%
35	18.198	2565	2569	2574	rVV	243501	330986	12.09%	0.918%
36	18.275	2578	2582	2587	rVV	78981	103424	3.78%	0.287%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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	18.339	2587	2593	2597	rVV2	218703	423074	15.45%	1.173%
38	18.375	2597	2599	2605	rVB	126850	150429	5.49%	0.417%
39	18.445	2608	2611	2615	rVV4	28572	36910	1.35%	0.102%
40	18.634	2638	2643	2647	rBV	138189	171917	6.28%	0.477%
41	18.681	2647	2651	2657	rVV	119100	157165	5.74%	0.436%
42	18.751	2660	2663	2670	rVB2	22507	30119	1.10%	0.084%
43	18.869	2680	2683	2688	rBV2	43022	54966	2.01%	0.152%
44	18.916	2688	2691	2694	rVB	35180	37862	1.38%	0.105%
45	18.957	2694	2698	2702	rVB2	36042	47714	1.74%	0.132%
46	19.033	2706	2711	2717	rBV2	99793	198553	7.25%	0.551%
47	19.122	2724	2726	2730	rVB	41089	43760	1.60%	0.121%
48	19.175	2730	2735	2742	rVB2	100981	167561	6.12%	0.465%
49	19.292	2749	2755	2761	rBV	1969902	2556469	93.38%	7.090%
50	19.386	2768	2771	2775	rVB2	52799	67455	2.46%	0.187%
51	19.433	2776	2779	2783	rBV2	26169	30221	1.10%	0.084%
52	19.528	2791	2795	2798	rVV	54883	67124	2.45%	0.186%
53	19.610	2805	2809	2811	rBV2	323671	453259	16.56%	1.257%
54	19.639	2811	2814	2822	rVV	1883136	2464347	90.02%	6.835%
55	19.710	2822	2826	2833	rVB2	100870	160240	5.85%	0.444%
56	19.833	2840	2847	2851	rBV	1638082	2031123	74.19%	5.633%
57	19.881	2851	2855	2861	rVB	91583	137036	5.01%	0.380%
58	19.963	2862	2869	2875	rBV3	120669	304581	11.13%	0.845%
59	20.010	2875	2877	2880	rBV	23931	29074	1.06%	0.081%
60	20.092	2885	2891	2892	rBV3	105728	177068	6.47%	0.491%
61	20.122	2893	2896	2901	rVB	184522	254278	9.29%	0.705%
62	20.222	2909	2913	2916	rBV	84754	110121	4.02%	0.305%
63	20.275	2917	2922	2926	rVV2	170754	274527	10.03%	0.761%
64	20.410	2942	2945	2949	rBV	118176	153695	5.61%	0.426%
65	20.457	2949	2953	2956	rVV	122637	149553	5.46%	0.415%
66	20.851	3017	3020	3027	rVB	190292	230549	8.42%	0.639%
67	21.010	3043	3047	3051	rBV3	134449	224888	8.21%	0.624%
68	21.051	3051	3054	3058	rVV2	237758	336038	12.27%	0.932%
69	21.092	3058	3061	3065	rVV2	151650	221102	8.08%	0.613%
70	21.139	3065	3069	3075	rVB3	192277	285465	10.43%	0.792%
71	21.351	3100	3105	3110	rBV3	1348594	2737640	100.00%	7.593%
72	21.398	3110	3113	3123	rVB	1001150	1291460	47.17%	3.582%
73	21.933	3201	3204	3209	rVB	160446	199130	7.27%	0.552%
74	23.033	3384	3391	3396	rBV	750217	1860007	67.94%	5.159%
75	23.216	3418	3422	3429	rBV	122269	191725	7.00%	0.532%
76	23.551	3474	3479	3488	rVB	516608	1013583	37.02%	2.811%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

77	23.657	3491	3497	3504	rVB	723235	1408563	51.45%	3.907%
78	23.763	3509	3515	3521	rBV	631735	1318229	48.15%	3.656%
79	26.280	3938	3943	3955	rVB2	358708	1029148	37.59%	2.854%

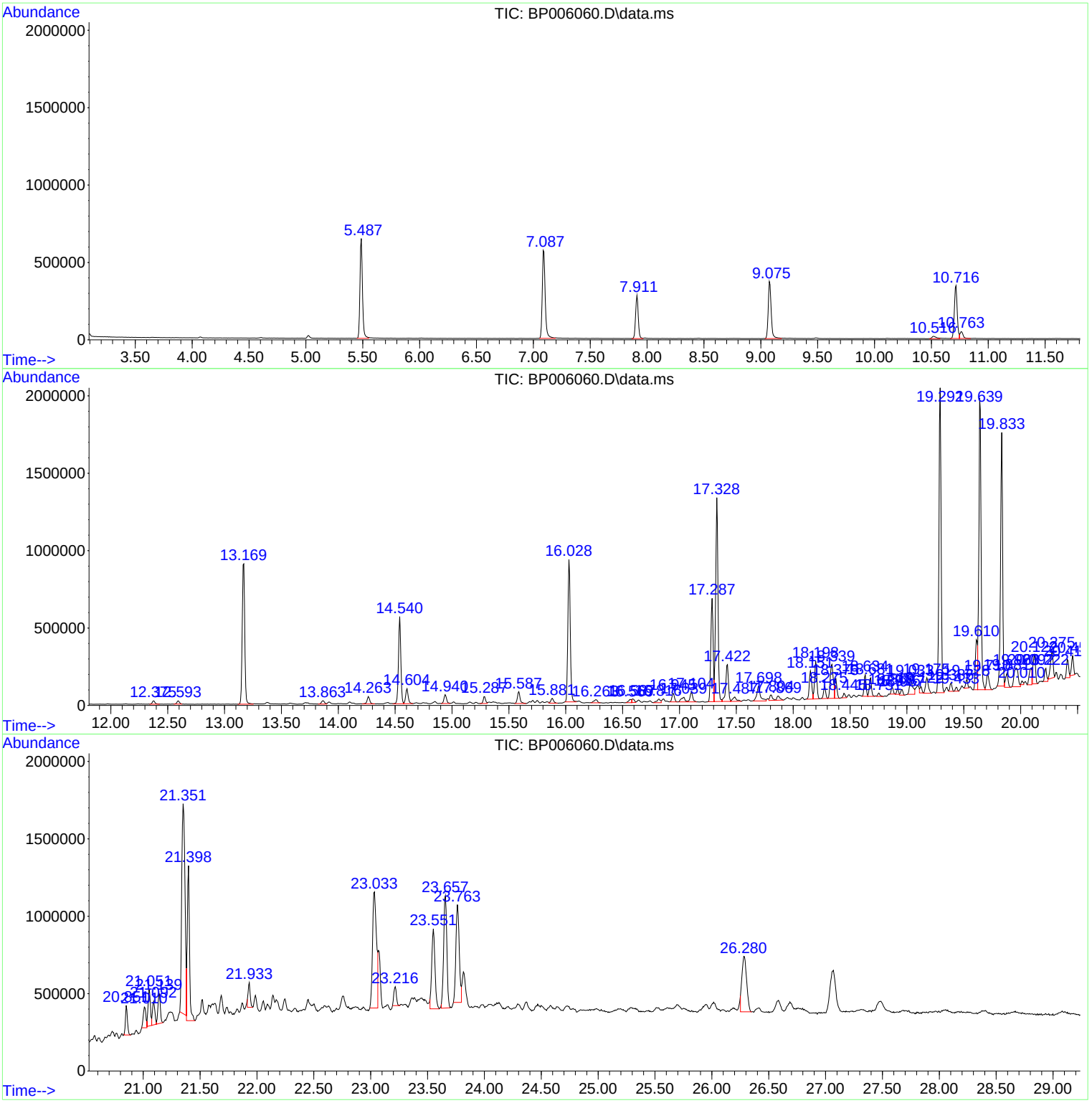
Sum of corrected areas: 36054999

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-0-2

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 : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

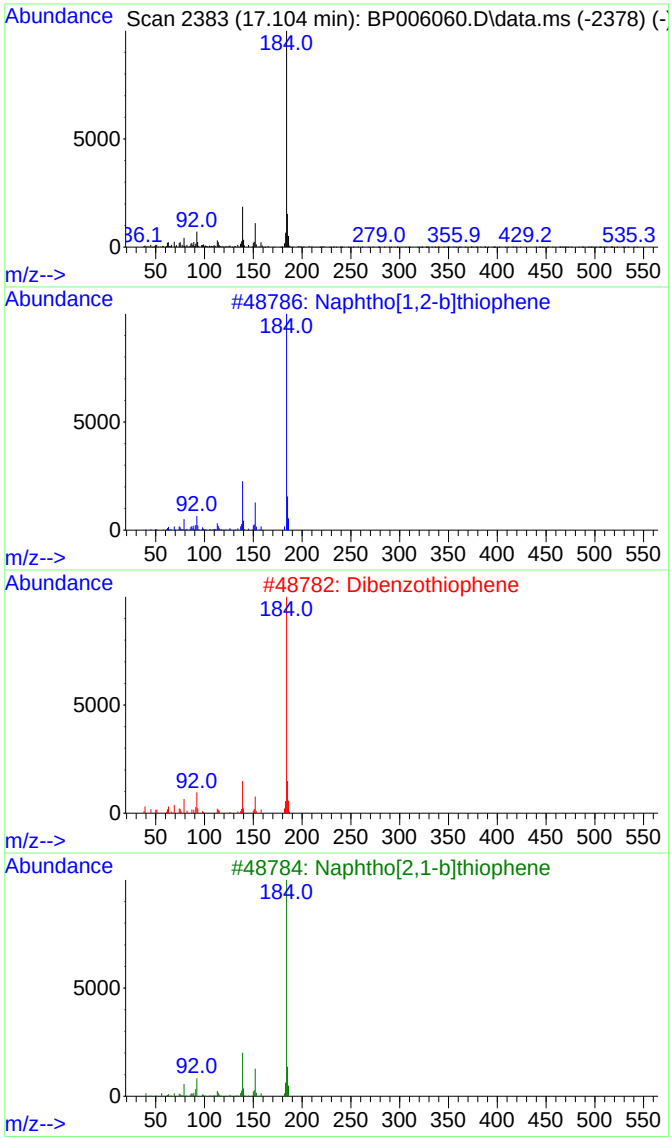
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

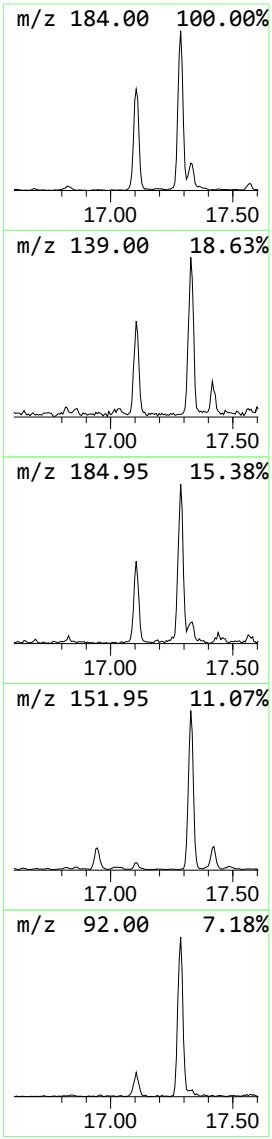
****

Peak Number 2 Naphtho[1,2-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.16 ng	101783	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-0-2

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

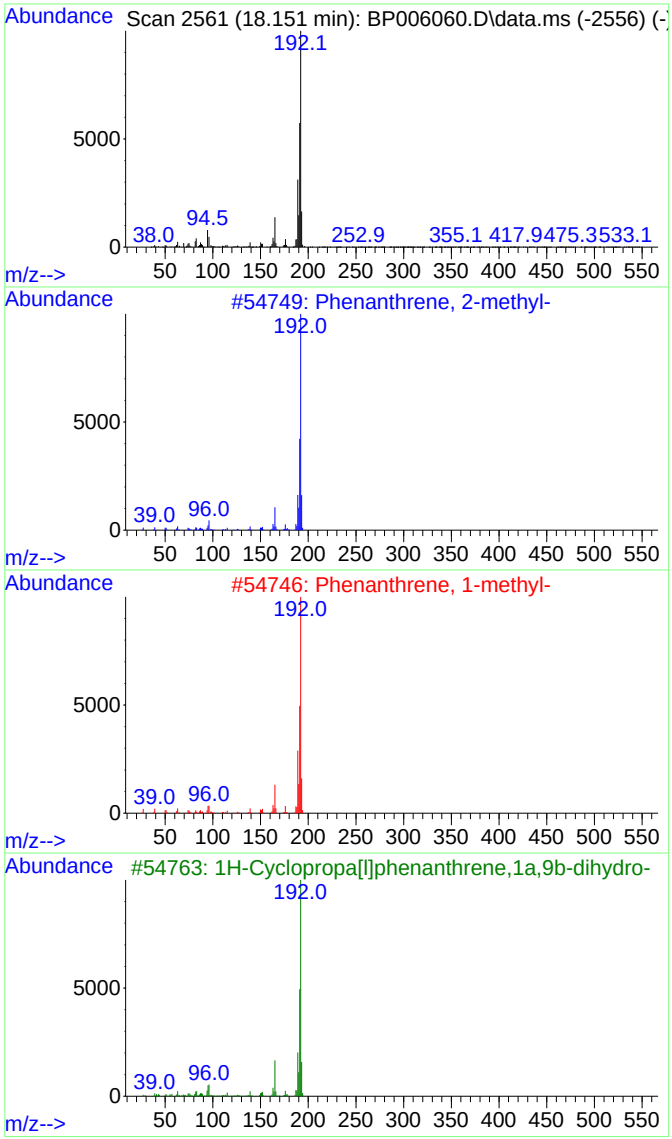
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

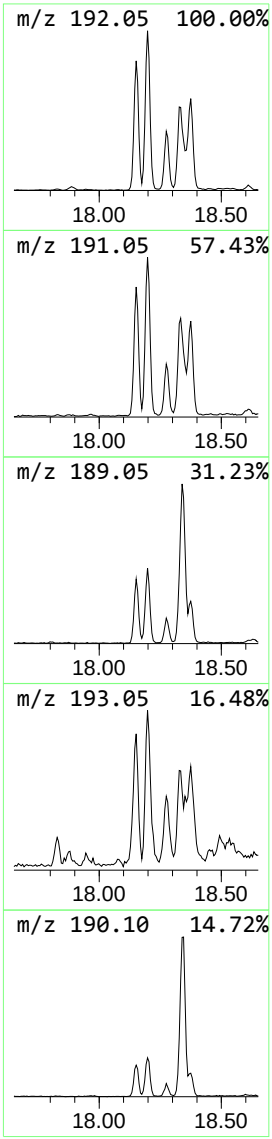
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	5.75 ng	271278	Phenanthrene-d10	17.287

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

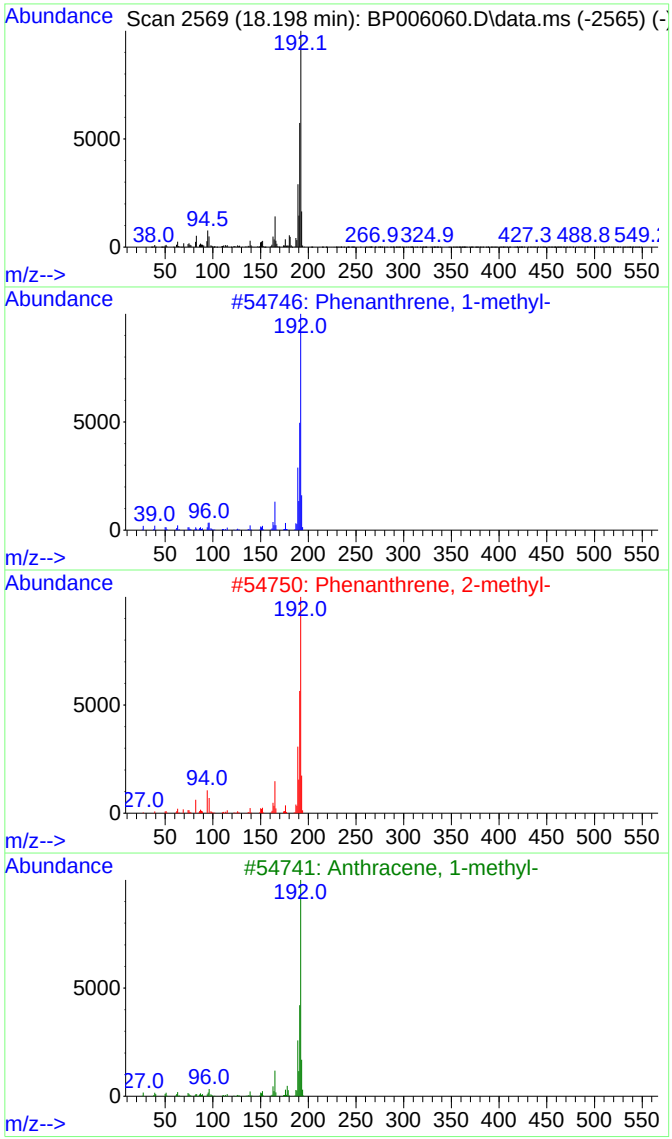
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

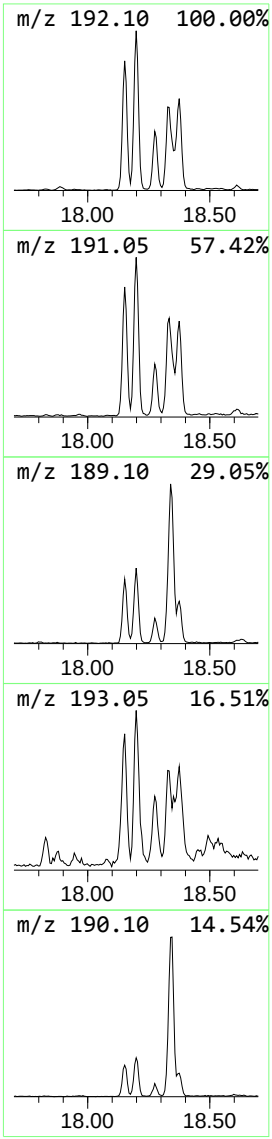
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	7.02 ng	330986	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

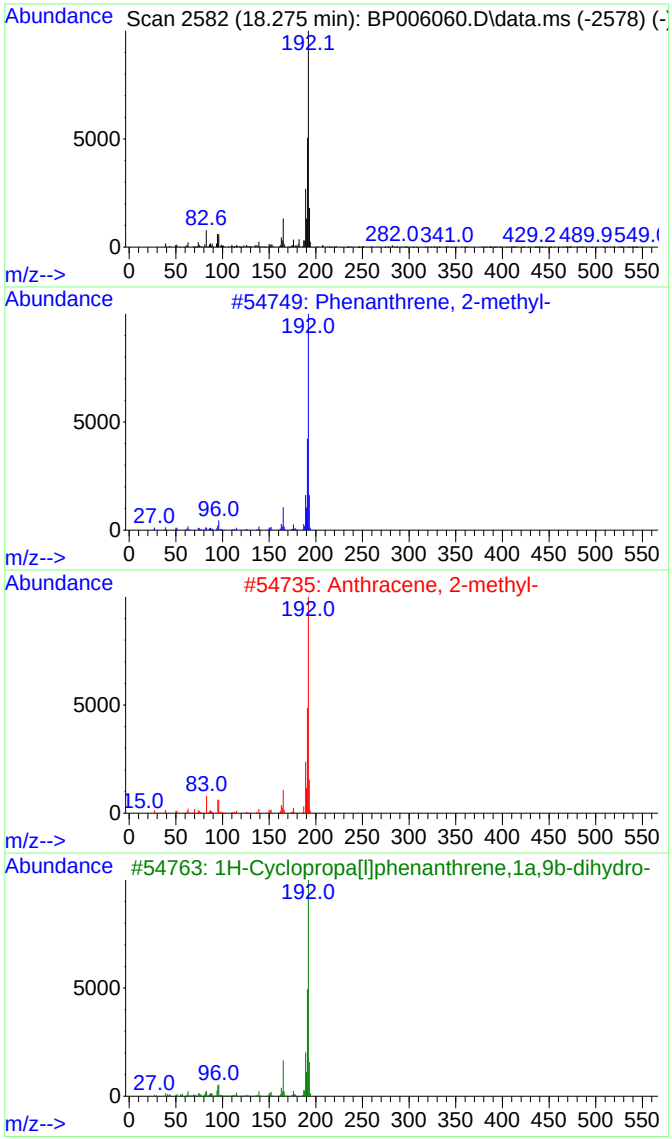
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

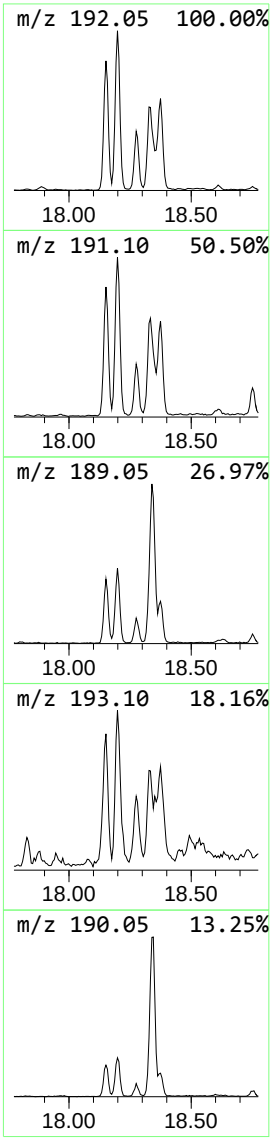
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	2.19 ng	103424	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-0-2

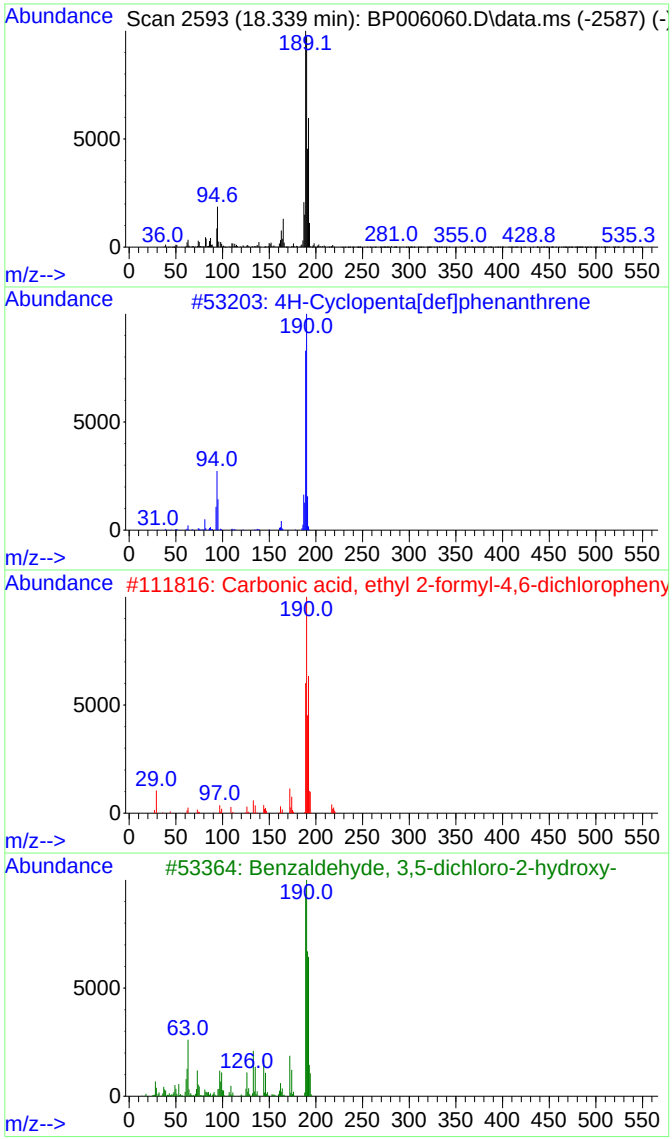
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

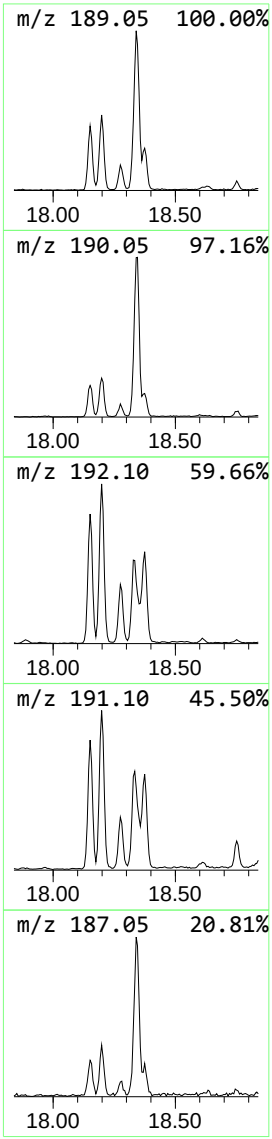
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	8.97 ng	423074	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

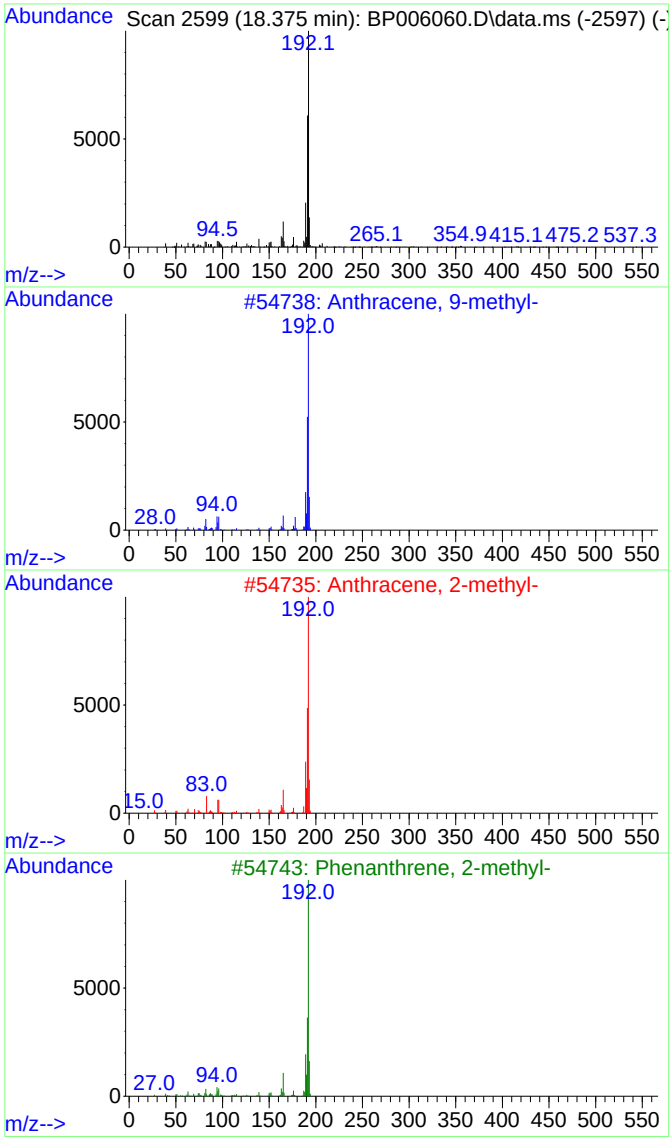
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

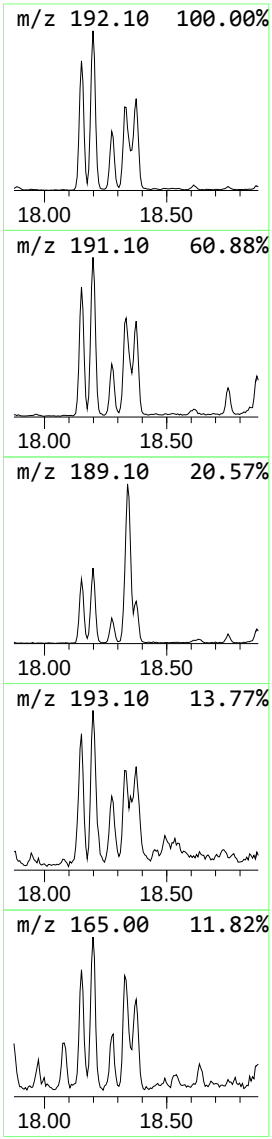
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	3.19 ng	150429	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

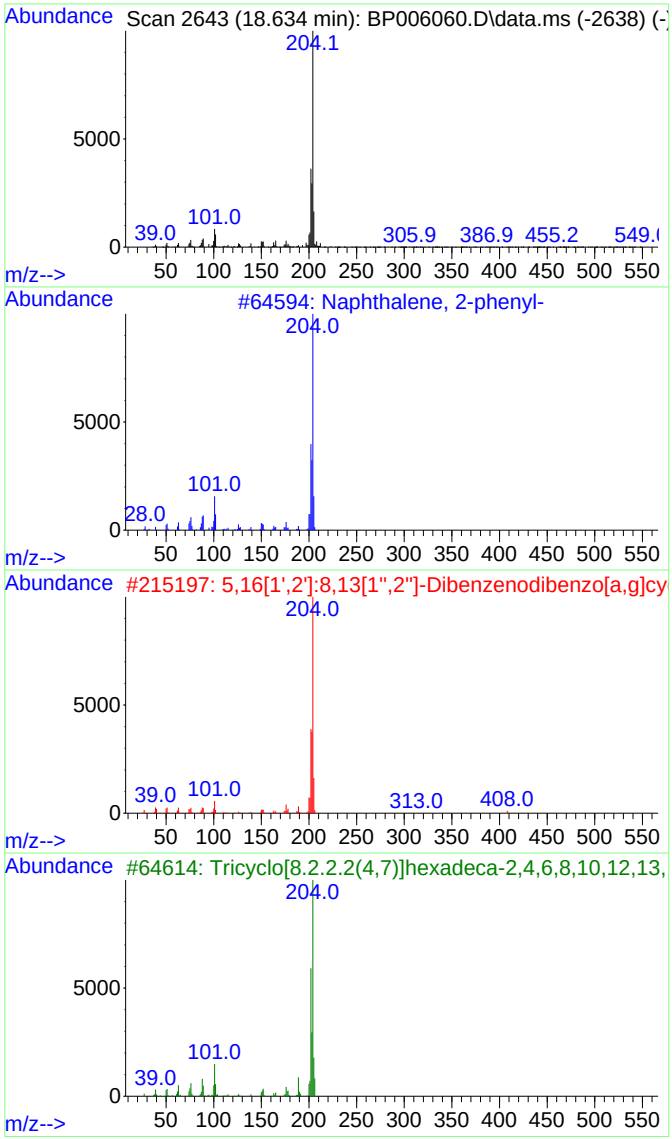
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

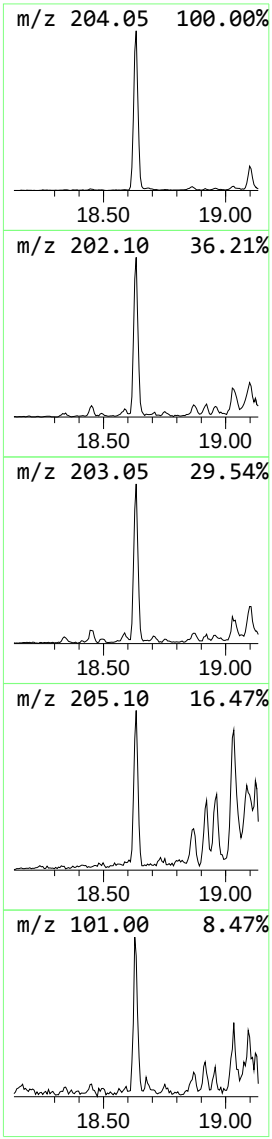
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	3.65 ng	171917	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	59
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

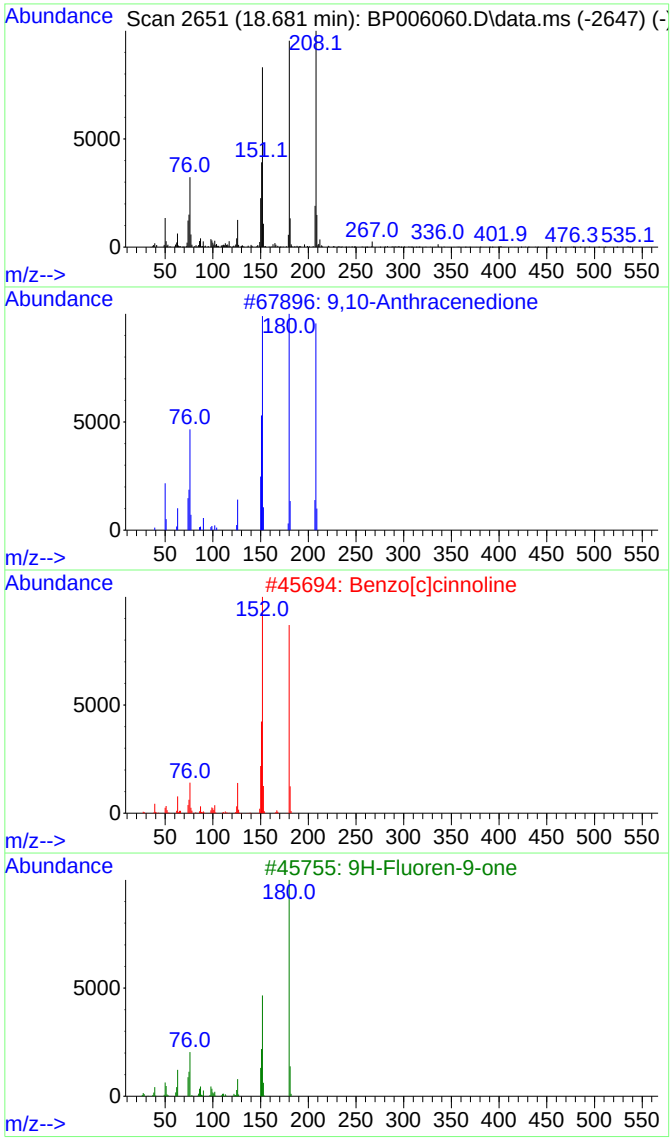
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

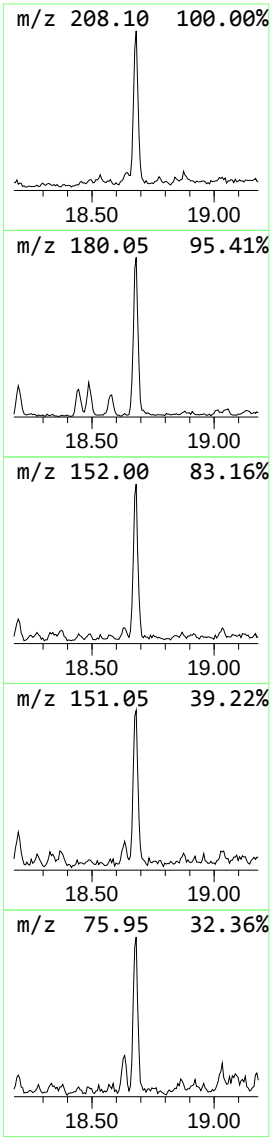
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	3.33 ng	157165	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

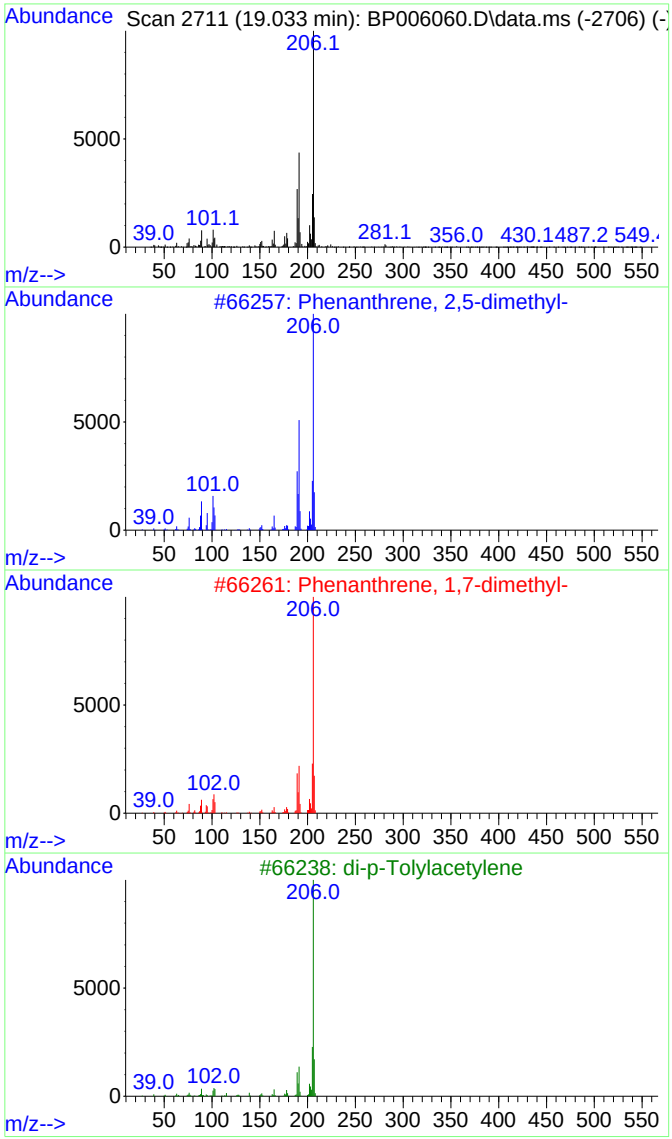
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

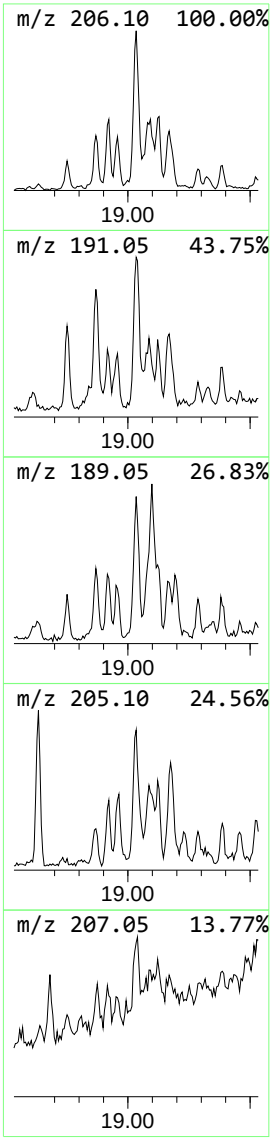
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	4.21 ng	198553	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

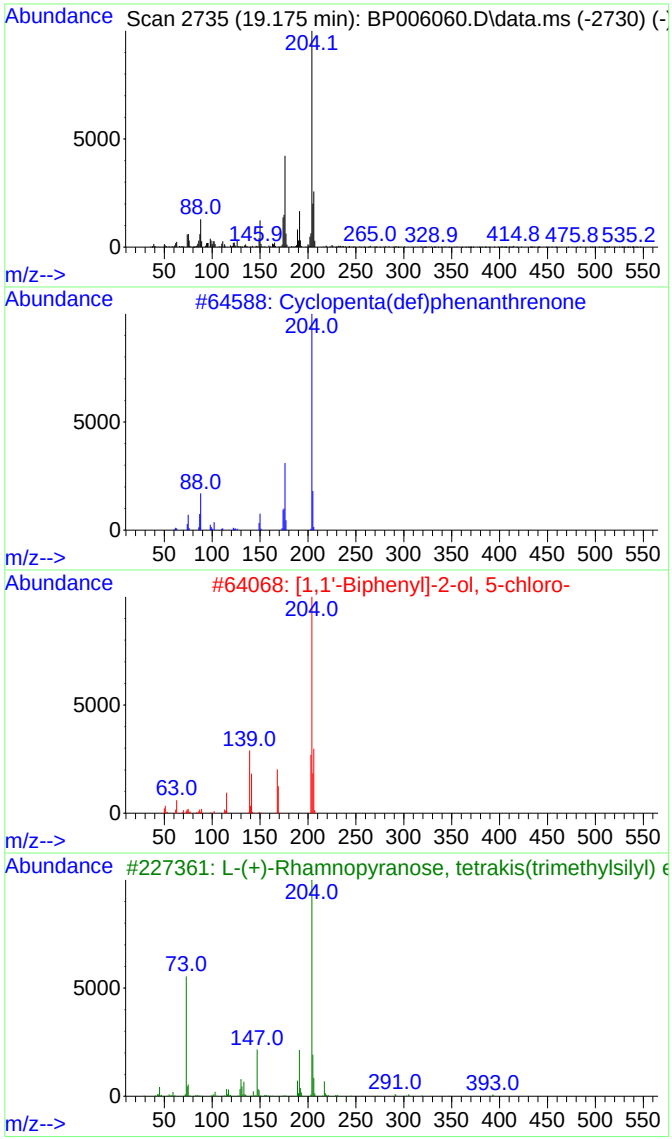
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

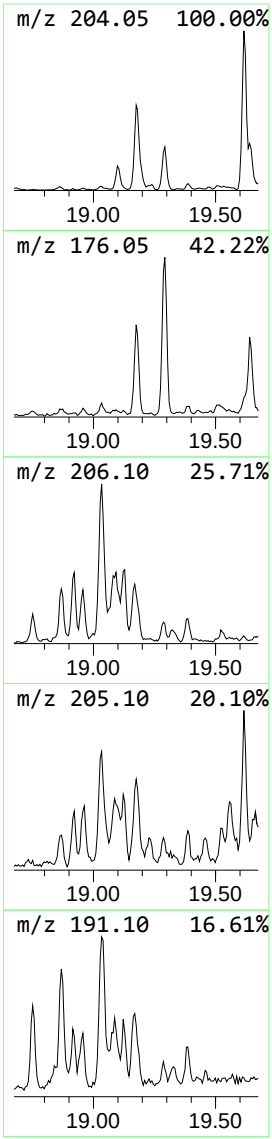
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	3.55 ng	167561	Phenanthrene-d10	17.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

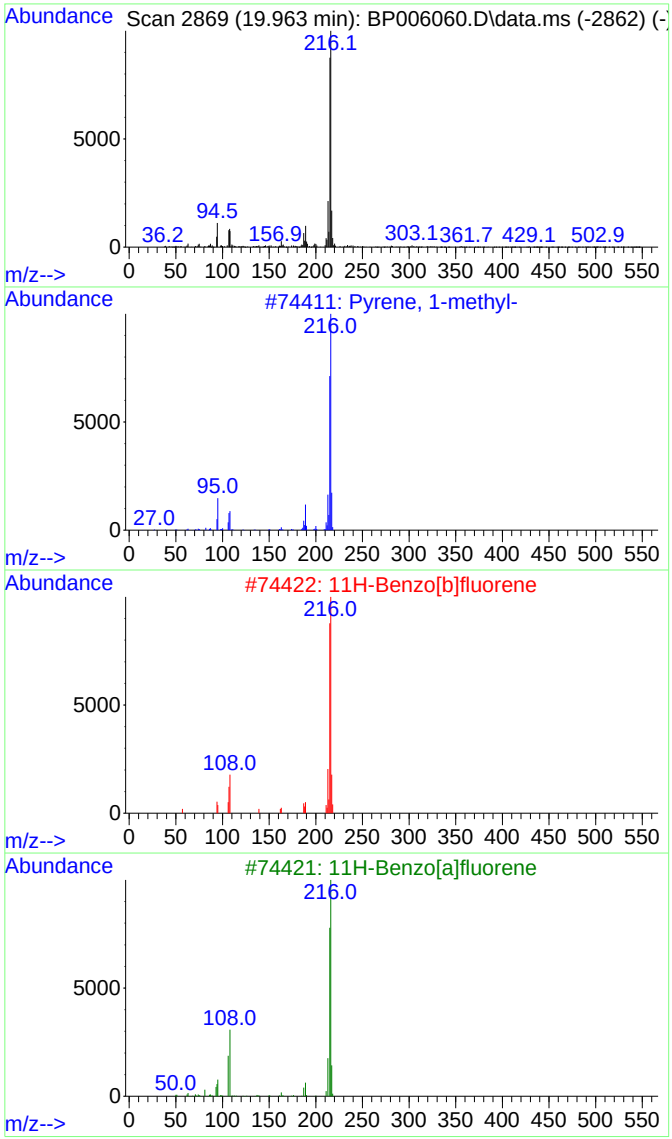
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

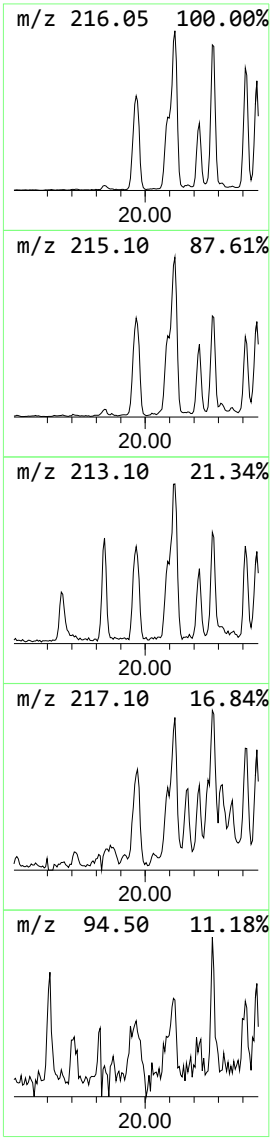
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	2.23 ng	304581	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

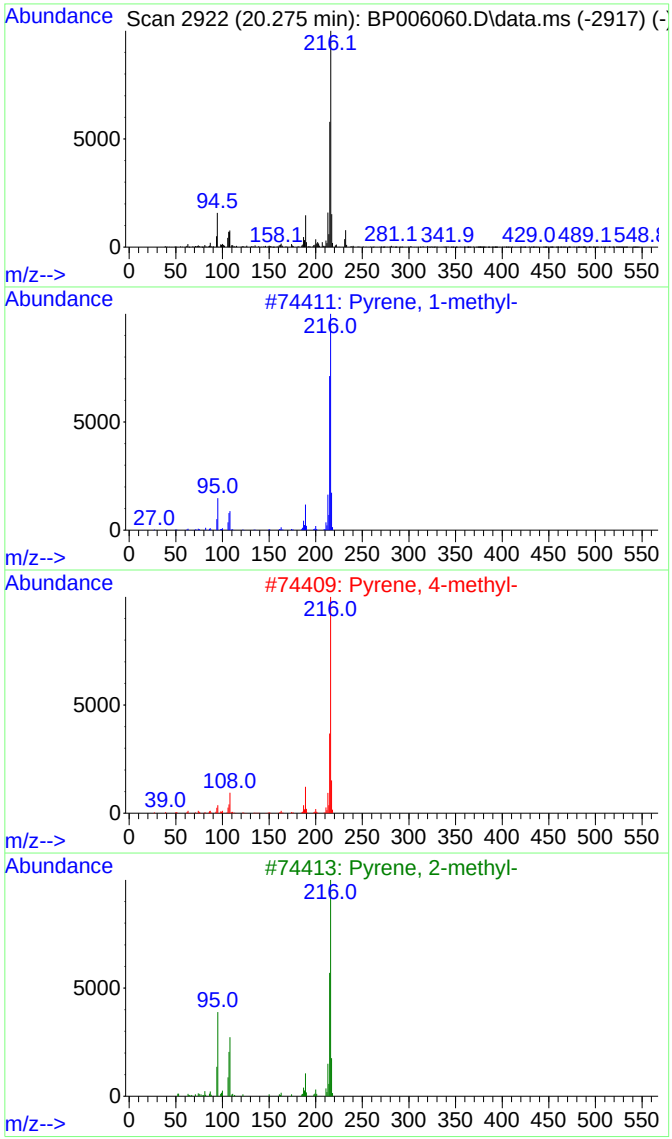
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

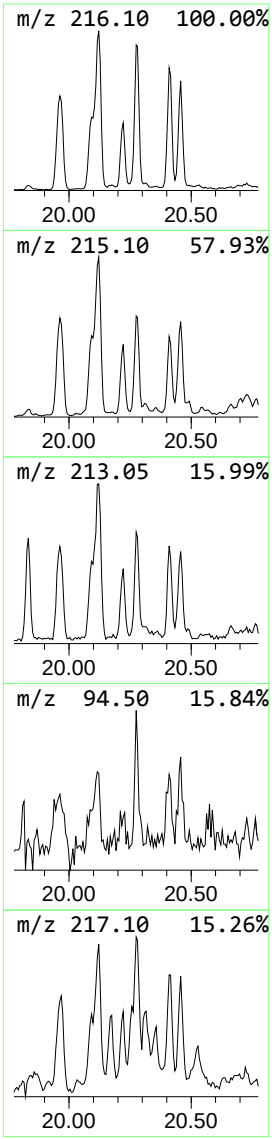
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	2.01 ng	274527	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

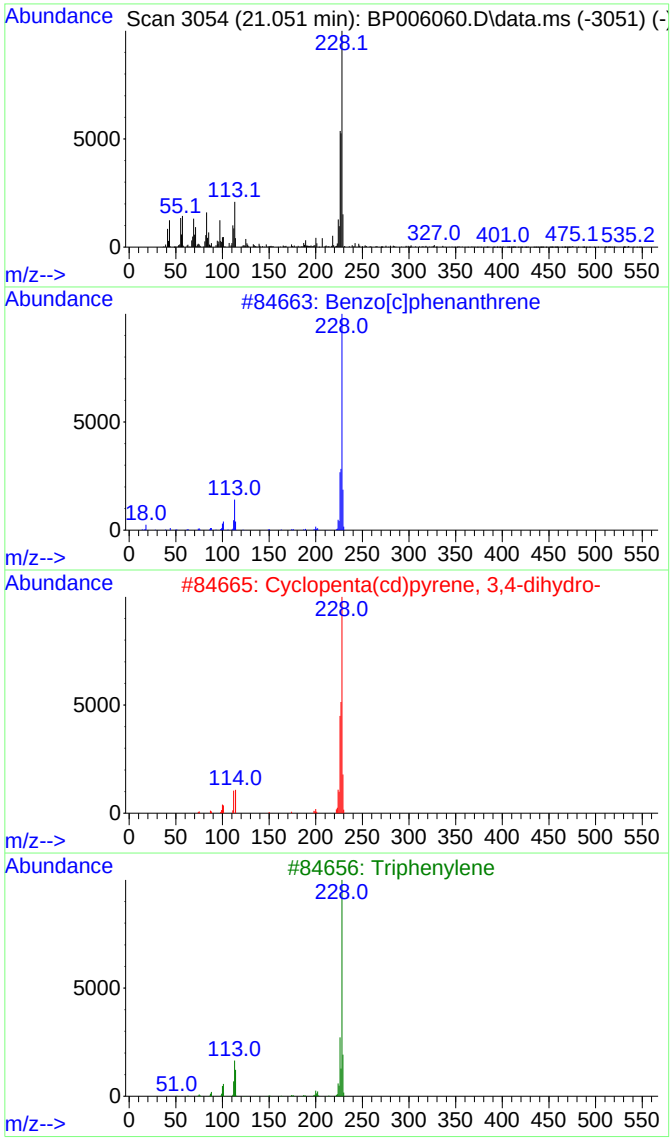
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

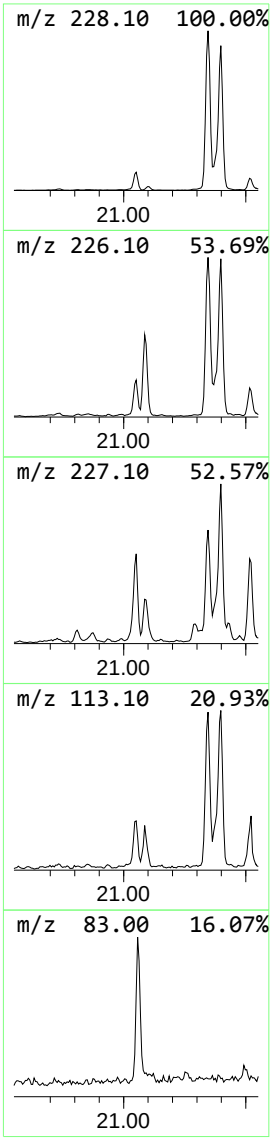
****

Peak Number 14 unknown21.051 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.45 ng	336038	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
3	Triphenylene	228	C18H12	000217-59-4	45
4	Benz[a]anthracene	228	C18H12	000056-55-3	38
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

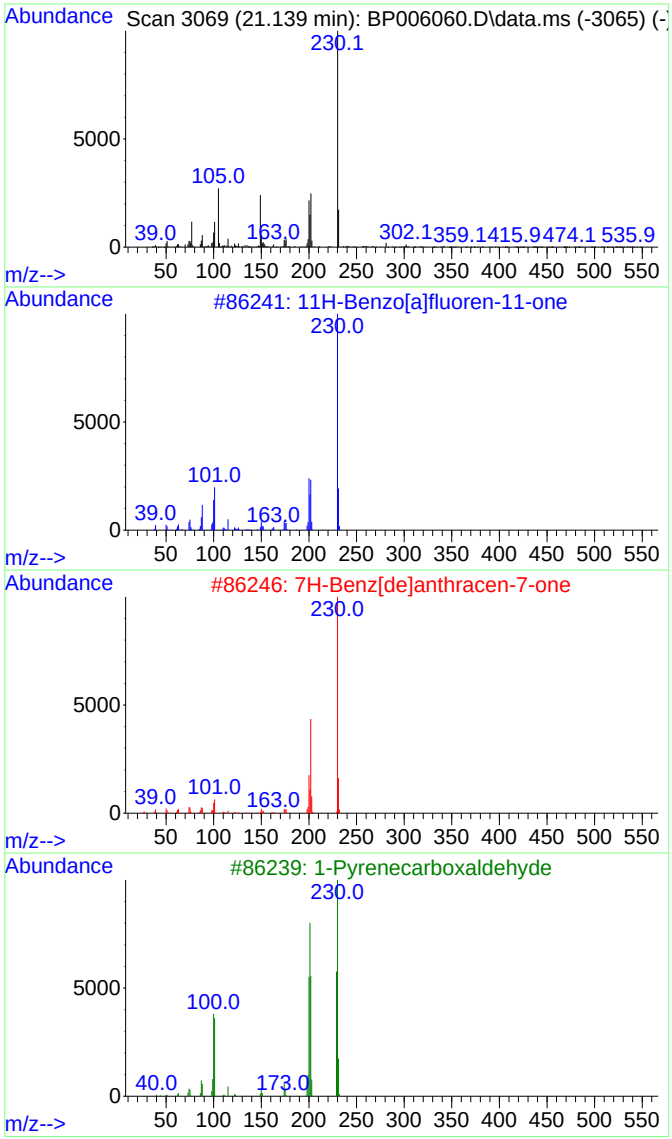
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

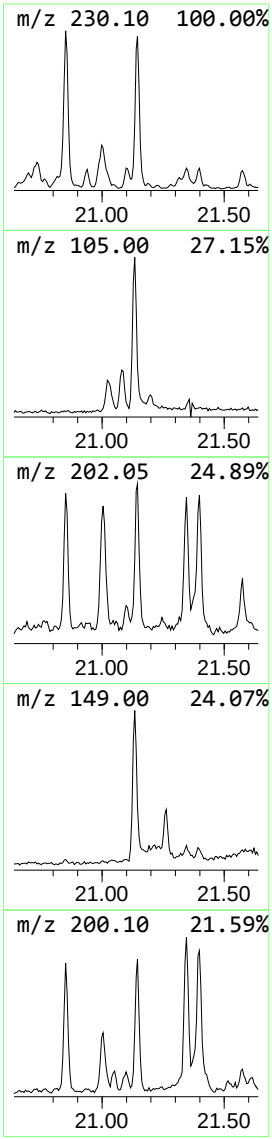
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	2.09 ng	285465	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	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
5	o-Terphenyl	230	C18H14	000084-15-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

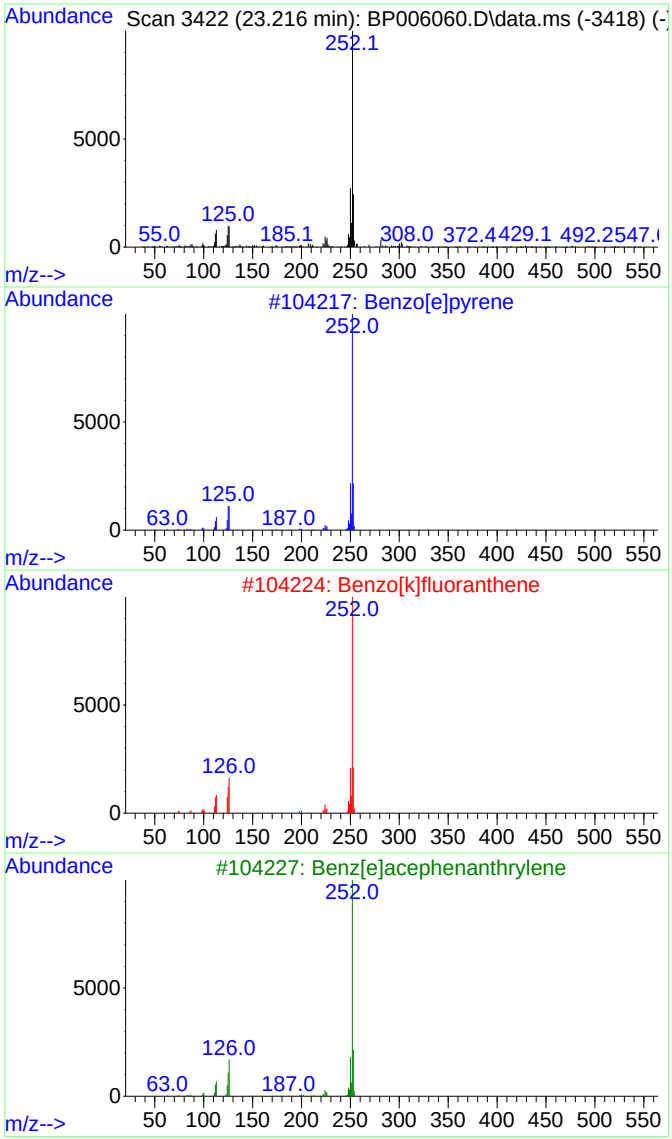
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

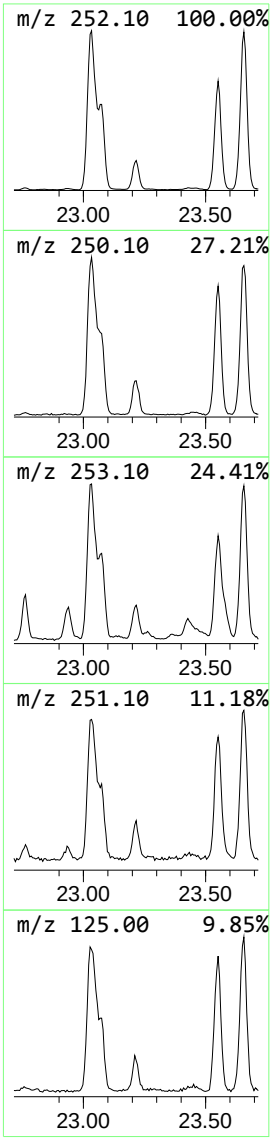
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.216	2.91 ng	191725	Perylene-d12	23.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

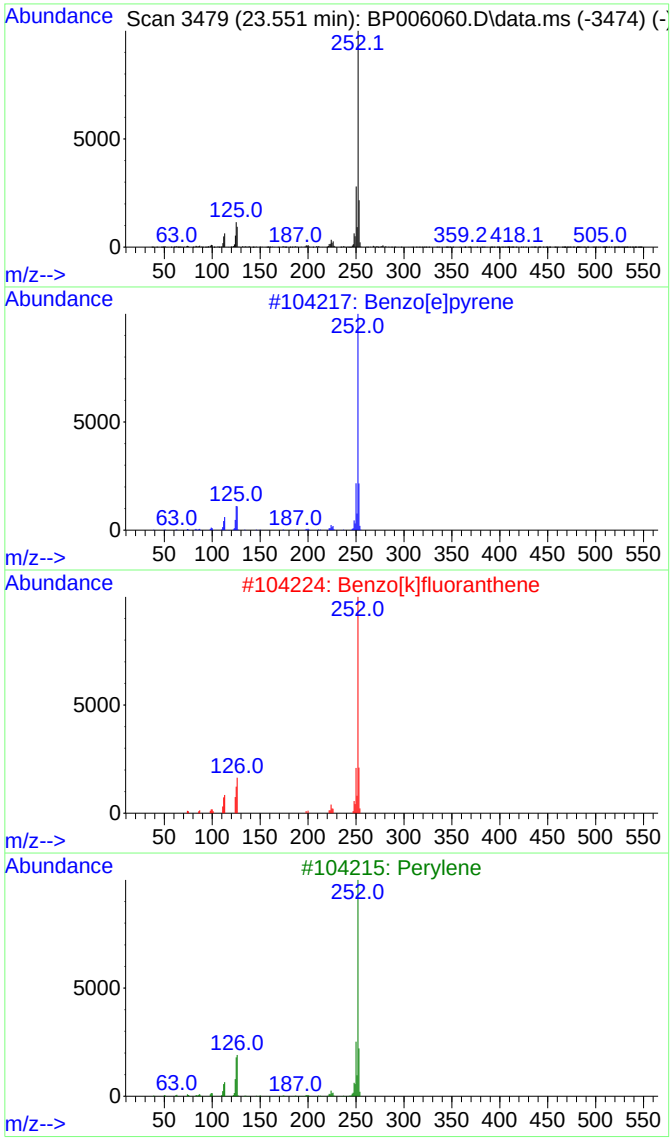
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

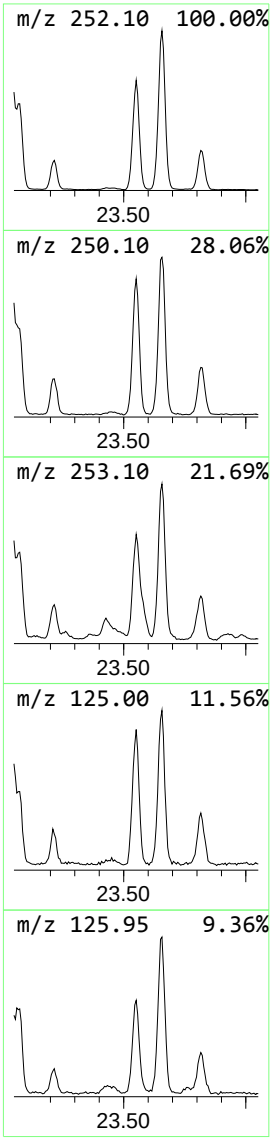
****

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.551	15.38 ng	1013580	Perylene-d12	23.763

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
Operator : CG/JU
Sample : M2795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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
Naphtho[1,2-b]t...	17.104	2.2	ng	101783	4	17.287	943068	20.0
Phenanthrene, 2...	18.151	5.8	ng	271278	4	17.287	943068	20.0
Phenanthrene, 1...	18.198	7.0	ng	330986	4	17.287	943068	20.0
Anthracene, 2-m...	18.275	2.2	ng	103424	4	17.287	943068	20.0
4H-Cyclopenta[d...	18.339	9.0	ng	423074	4	17.287	943068	20.0
Anthracene, 9-m...	18.375	3.2	ng	150429	4	17.287	943068	20.0
Naphthalene, 2-...	18.634	3.6	ng	171917	4	17.287	943068	20.0
9,10-Anthracene...	18.681	3.3	ng	157165	4	17.287	943068	20.0
Phenanthrene, 2...	19.034	4.2	ng	198553	4	17.287	943068	20.0
Cyclopenta(def)...	19.175	3.5	ng	167561	4	17.287	943068	20.0
Pyrene, 1-methyl-	19.963	2.2	ng	304581	5	21.363	2737640	20.0
Pyrene, 4-methyl-	20.275	2.0	ng	274527	5	21.363	2737640	20.0
unknown21.051	21.051	2.5	ng	336038	5	21.363	2737640	20.0
11H-Benzo[a]flu...	21.139	2.1	ng	285465	5	21.363	2737640	20.0
Benzo[e]pyrene	23.216	2.9	ng	191725	6	23.763	1318230	20.0
Perylene	23.551	15.4	ng	1013580	6	23.763	1318230	20.0