LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-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-BP060722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP010722.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	391	398	413	rBV	290953	490879	7.95%	0.817%
2	7.022	661	669	682	rBV	290574	539308	8.74%	0.898%
3	7.840	801	808	819	rBV	443836	746339	12.09%	1.242%
4	9.005	999	1006	1018	rBV	180508	356190	5.77%	0.593%
5	10.640	1277	1284	1303	rBV	607598	1119662	18.14%	1.863%
6	13.104	1696	1703	1716	rBV	488836	765374	12.40%	1.274%
7	14.481	1927	1937	1943	rBV	975854	1504634	24.37%	2.504%
8	14.546	1943	1948	1957	rVB	141696	223758	3.62%	0.372%
9	14.881	1997	2005	2013	rBV	104187	174309	2.82%	0.290%
10	15.528	2109	2115	2126	rVB	114153	189742	3.07%	0.316%
11	15.828	2161	2166	2174	rVB	70984	113363	1.84%	0.189%
12	15.975	2182	2191	2200	rBV2	482810	772510	12.51%	1.286%
13	16.769	2317	2326	2329	rBV3	47262	97547	1.58%	0.162%
14	16.887	2341	2346	2354	rVV	127715	209904	3.40%	0.349%
15	16.969	2354	2360	2367	rVV3	48395	129389	2.10%	0.215%
16	17.051	2369	2374	2383	rVB	118794	191764	3.11%	0.319%
17	17.234	2395	2405	2408	rBV	1309272	1873962	30.35%	3.119%
18	17.275	2408	2412	2419	rVV	2310157	3368384	54.56%	5.606%
19	17.369	2419	2428	2434	rVV	603165	933217	15.12%	1.553%
20	17.428	2434	2438	2444	rVB3	33857	65961	1.07%	0.110%
21	17.640	2466	2474	2479	rBV2	189657	344597	5.58%	0.573%
22	17.751	2489	2493	2500	rVV2	59667	85488	1.38%	0.142%
23	17.816	2500	2504	2512	rVB5	56116	105318	1.71%	0.175%
24	18.104	2544	2553	2557	rBV	312979	562128	9.11%	0.936%
25	18.151	2557	2561	2568	rVV	438854	645057	10.45%	1.074%
26	18.228	2568	2574	2579	rVV	183074	251600	4.08%	0.419%
27	18.292	2579	2585	2588	rVV2	373259	677055	10.97%	1.127%
28	18.328	2588	2591	2596	rVB	210007	279688	4.53%	0.465%
29	18.587	2630	2635	2639	rBV	263600	334515	5.42%	0.557%
30	18.628	2639	2642	2648	rVB	231671	310680	5.03%	0.517%
31	18.828	2668	2676	2680	rBV4	84827	150830	2.44%	0.251%
32	18.875	2680	2684	2687	rVV	72528	93017	1.51%	0.155%
33	18.910	2687	2690	2694	rVB2	71225	91430	1.48%	0.152%
34	18.992	2698	2704	2708	rBV	159595	274676	4.45%	0.457%
35	19.057	2710	2715	2717	rVV3	86161	167627	2.72%	0.279%
36	19.081	2717	2719	2722	rVV2	68251	71078	1.15%	0.118%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-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-BP060722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.128	2722	2727	2734	rVB2	254072	395535	6.41%	0.658%
38	19.245	2741	2747	2754	rBV	4088944	5496435	89.03%	9.147%
39	19.304	2754	2757	2760	rVV	51420	61976	1.00%	0.103%
40	19.345	2760	2764	2769	rVB2	95144	146134	2.37%	0.243%
41	19.445	2775	2781	2783	rBV5	59579	114579	1.86%	0.191%
42	19.481	2783	2787	2791	rVB	109597	168954	2.74%	0.281%
43	19.569	2797	2802	2803	rBV	740618	868825	14.07%	1.446%
44	19.598	2803	2807	2815	rVV	3755843	4866569	78.83%	8.099%
45	19.669	2815	2819	2825	rVB2	187996	291085	4.71%	0.484%
46	19.792	2832	2840	2844	rBV2	1058504	1519736	24.62%	2.529%
47	19.839	2844	2848	2852	rVB	175299	253009	4.10%	0.421%
48	19.916	2855	2861	2862	rBV2	238547	382014	6.19%	0.636%
49	20.045	2878	2883	2886	rBV3	171782	356790	5.78%	0.594%
50	20.075	2886	2888	2894	rVB	241546	352026	5.70%	0.586%
51	20.181	2902	2906	2909	rBV2	86890	117461	1.90%	0.195%
52	20.233	2909	2915	2919	rVV2	329166	590732	9.57%	0.983%
53	20.275	2919	2922	2926	rVV	106099	138147	2.24%	0.230%
54	20.316	2926	2929	2934	rVB2	77626	96033	1.56%	0.160%
55	20.375	2935	2939	2942	rBV	171376	212440	3.44%	0.354%
56	20.416	2942	2946	2950	rVV2	174496	235552	3.82%	0.392%
57	20.816	3010	3014	3019	rBV	479896	619922	10.04%	1.032%
58	20.975	3036	3041	3045	rBV2	333784	564072	9.14%	0.939%
59	21.010	3045	3047	3050	rVV	322749	405882	6.57%	0.675%
60	21.057	3051	3055	3059	rVV2	327929	652483	10.57%	1.086%
61	21.110	3060	3064	3070	rVB	411921	581175	9.41%	0.967%
62	21.316	3090	3099	3104	rBV3	2966613	6173795	100.00%	10.275%
63	21.363	3104	3107	3116	rVV	1858730	2423355	39.25%	4.033%
64	21.439	3116	3120	3124	rVV	541192	701853	11.37%	1.168%
65	21.486	3124	3128	3134	rVB	198693	291353	4.72%	0.485%
66	21.651	3152	3156	3162	rBV2	243945	408556	6.62%	0.680%
67	21.904	3195	3199	3204	rVB	316541	426582	6.91%	0.710%
68	21.957	3205	3208	3214	rVB	183735	247632	4.01%	0.412%
69	22.116	3231	3235	3238	rBV	129433	207608	3.36%	0.346%
70	23.004	3379	3386	3391	rBV	1309406	3349297	54.25%	5.574%
71	23.186	3413	3417	3423	rVB	234558	377177	6.11%	0.628%
72	23.522	3468	3474	3484	rVB	774455	1604603	25.99%	2.670%
73	23.627	3485	3492	3501	rVB	1182605	2278870	36.91%	3.793%
74	23.733	3503	3510	3515	rBV2	1104333	2299117	37.24%	3.826%
75	26.233	3928	3935	3946	rVB	479171	1499614	24.29%	2.496%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-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-BP060722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

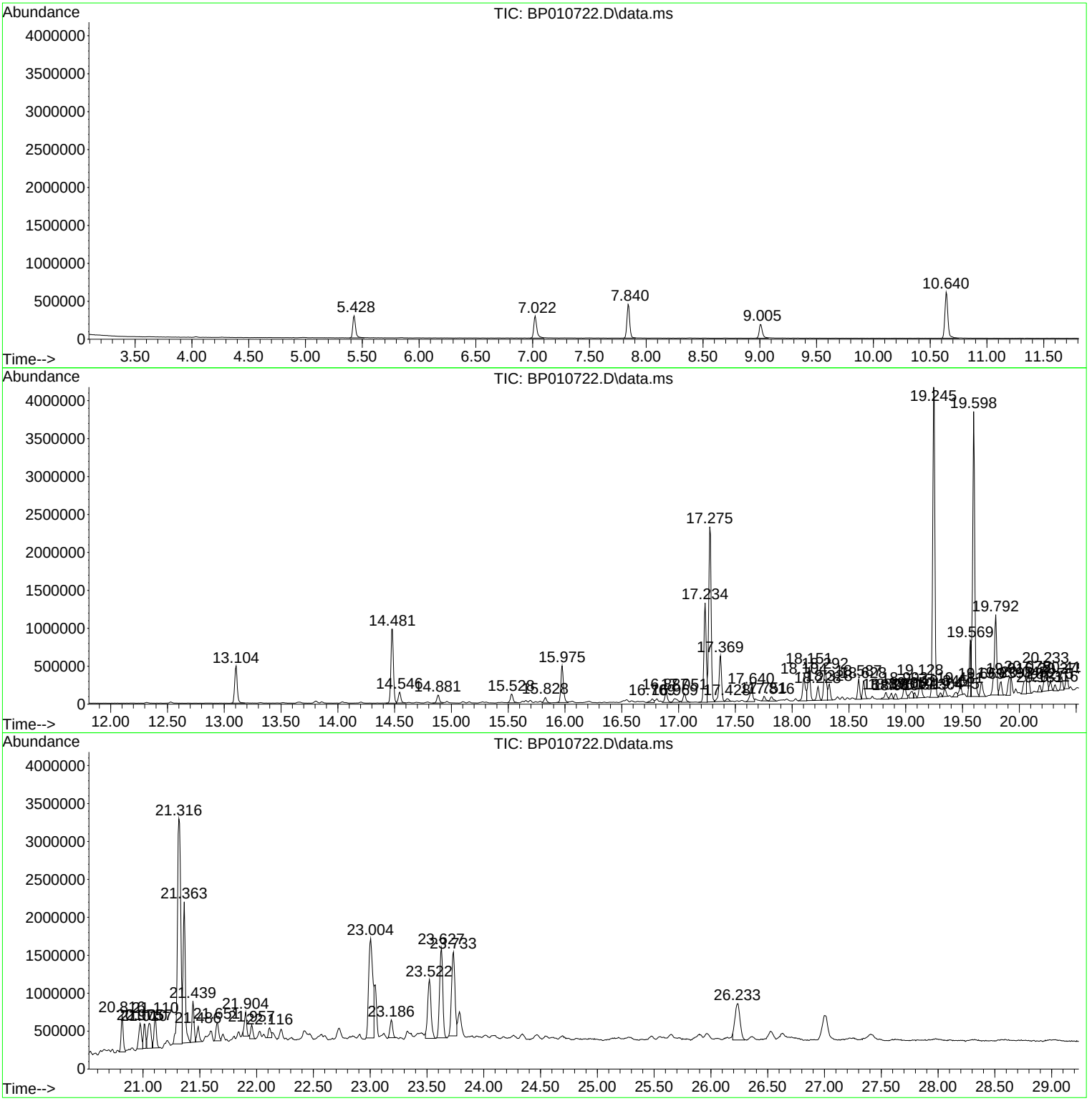
Sum of corrected areas: 60087958

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.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\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

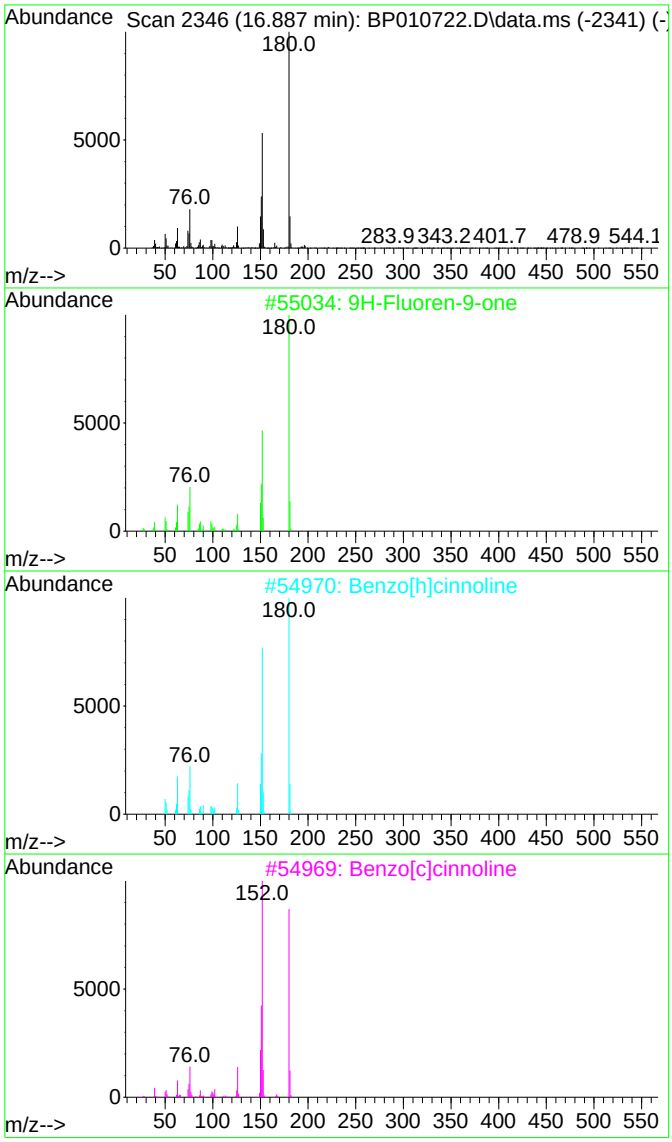
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

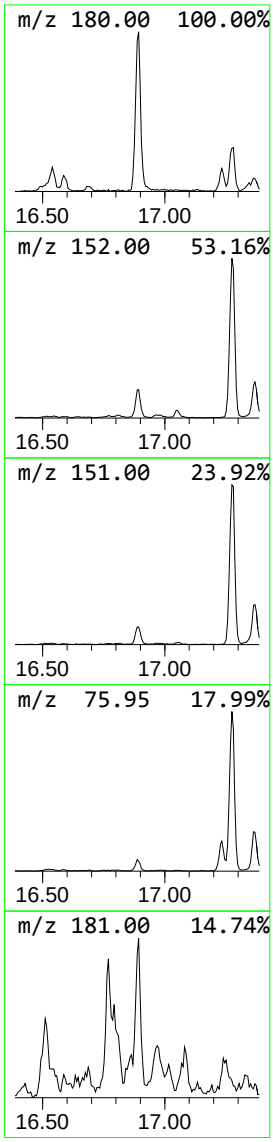
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.887	2.24 ng	209904	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

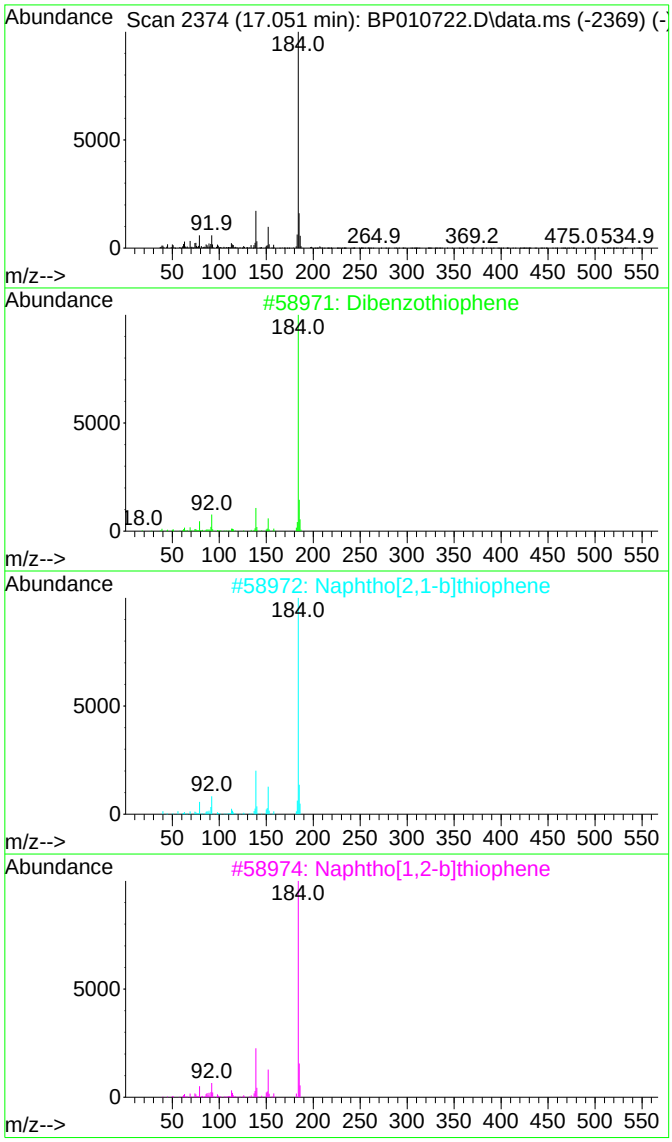
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

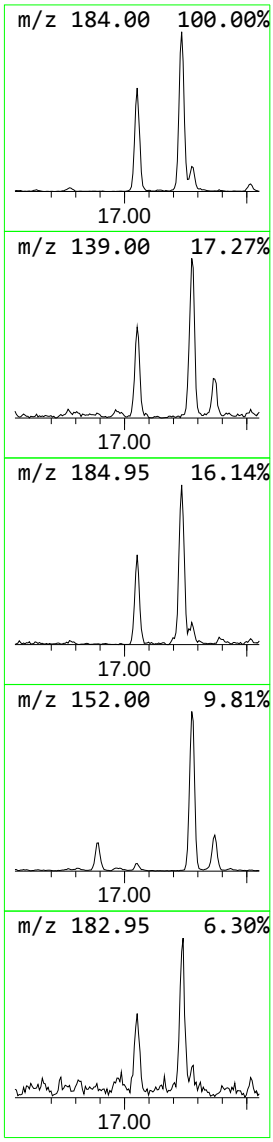
****

Peak Number 4 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	2.05 ng	191764	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

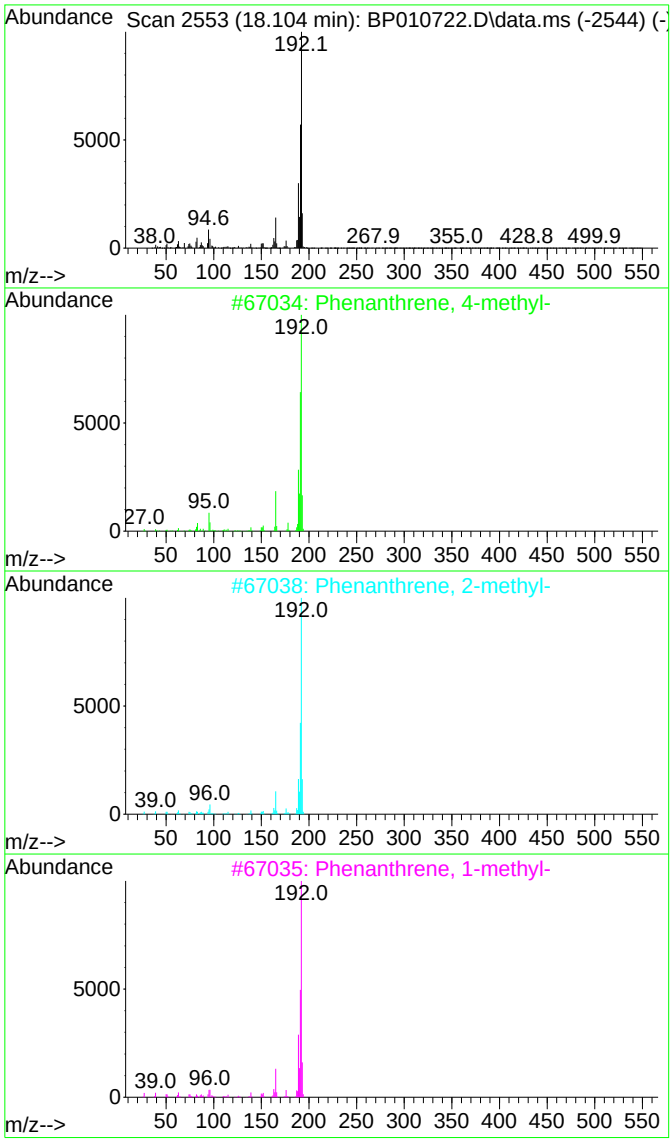
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

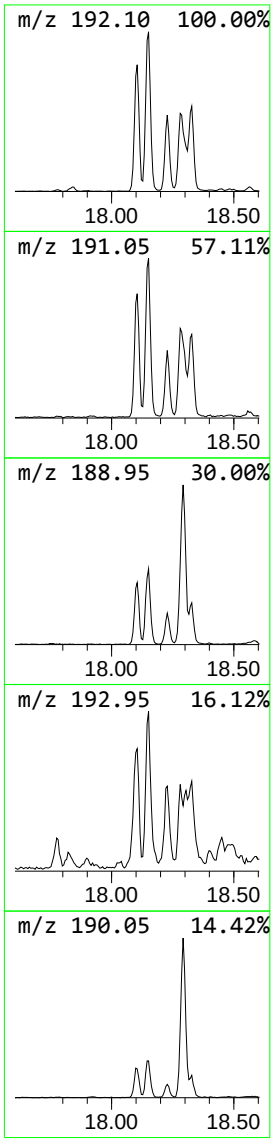
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	6.00 ng	562128	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

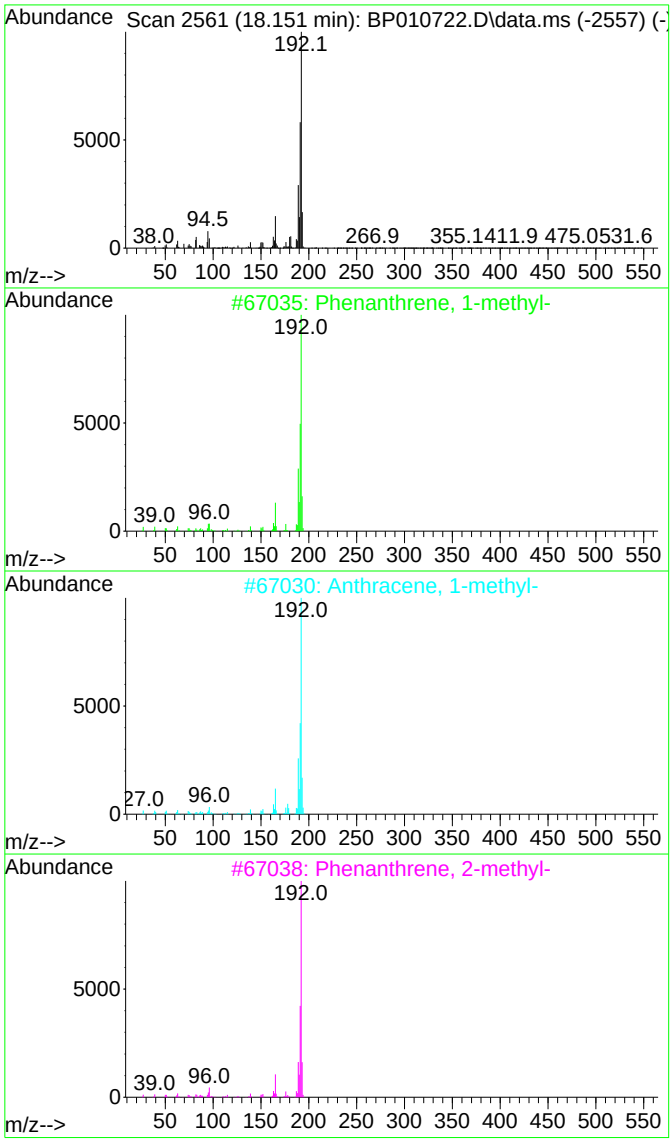
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

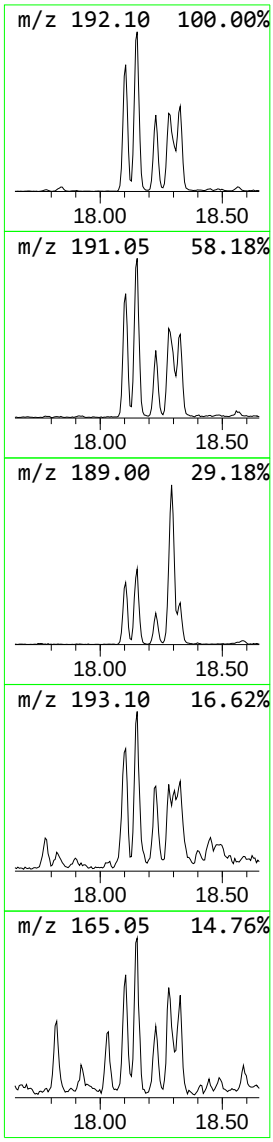
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	6.88 ng	645057	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

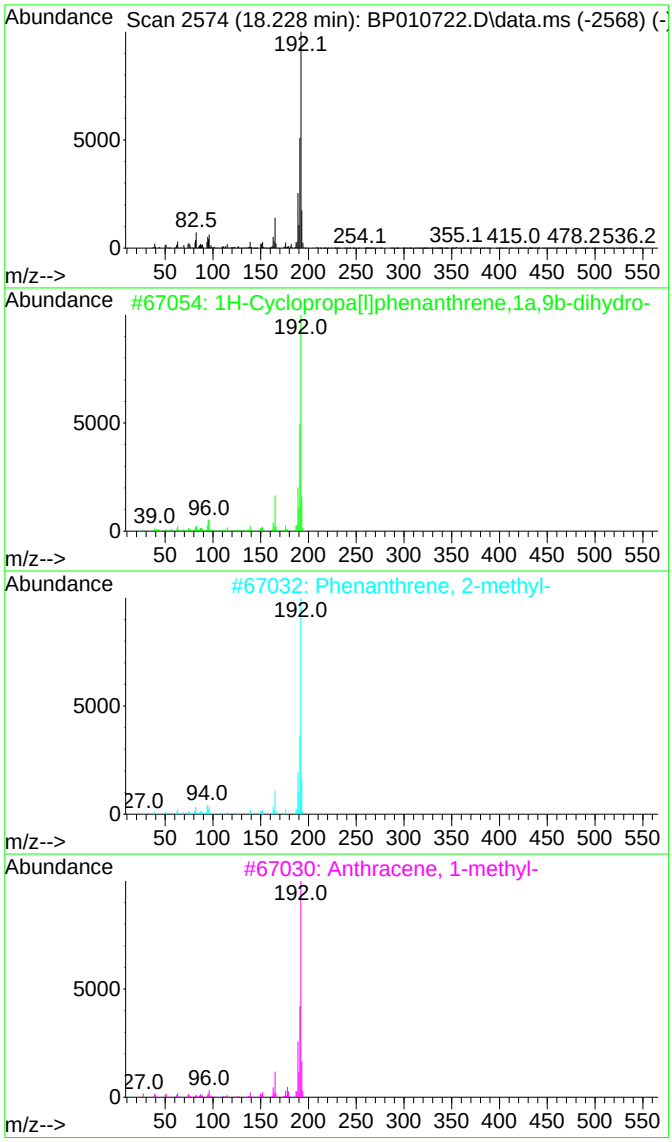
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

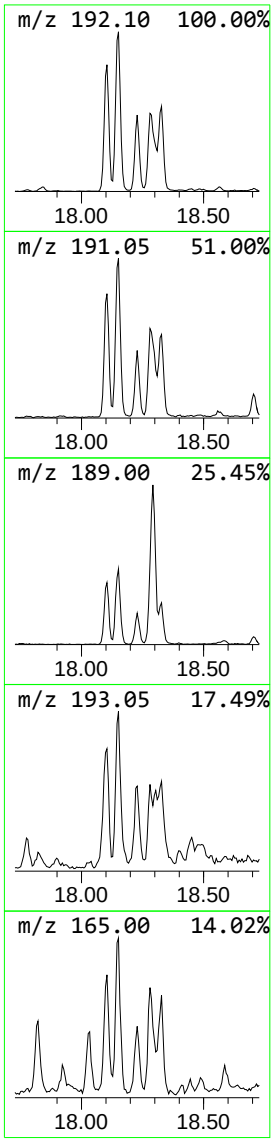
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	2.69 ng	251600	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

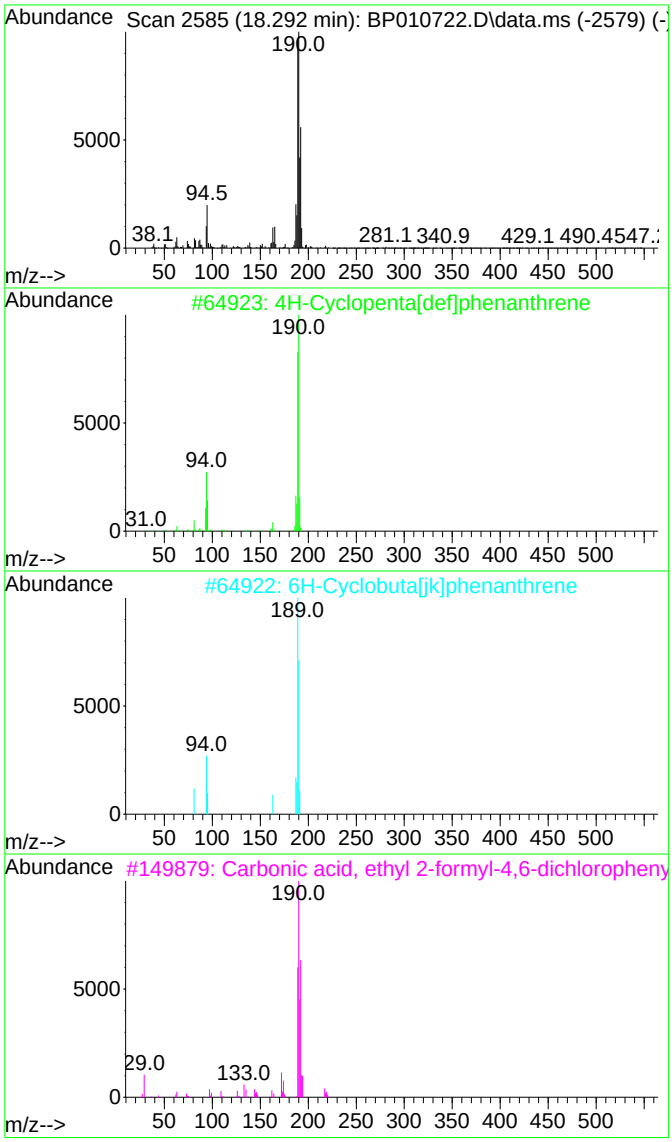
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

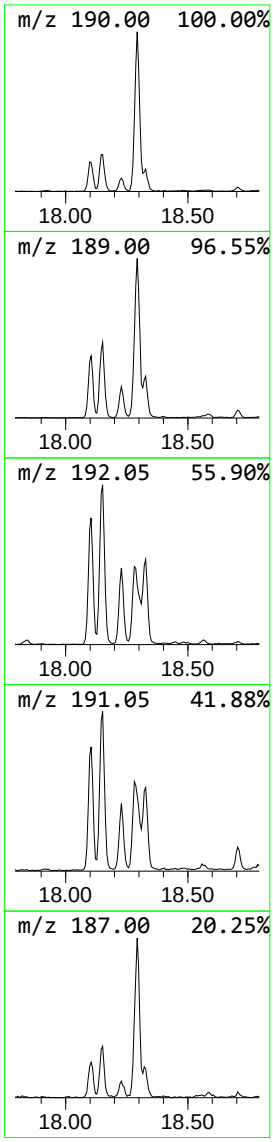
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	7.23 ng	677055	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060822\
Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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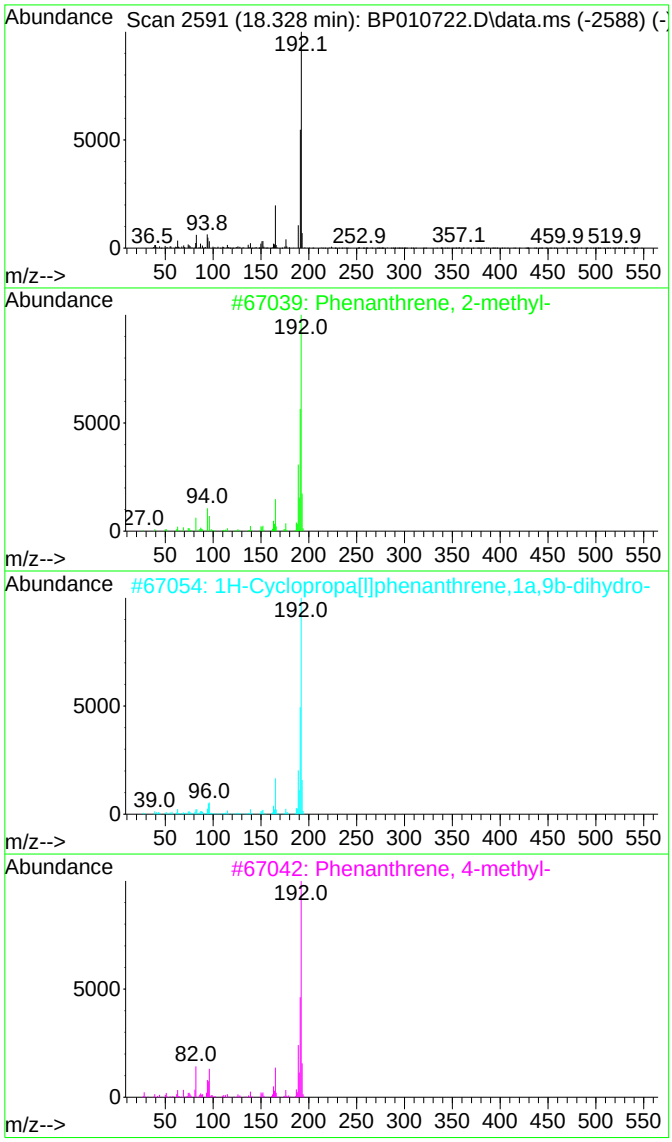
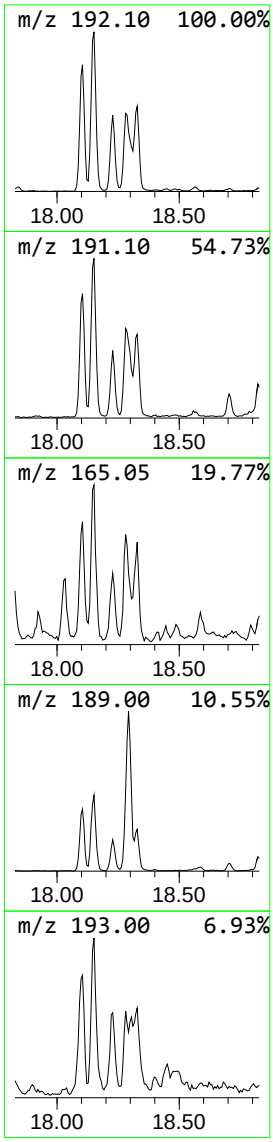
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	2.98 ng	279688	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	72
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64





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Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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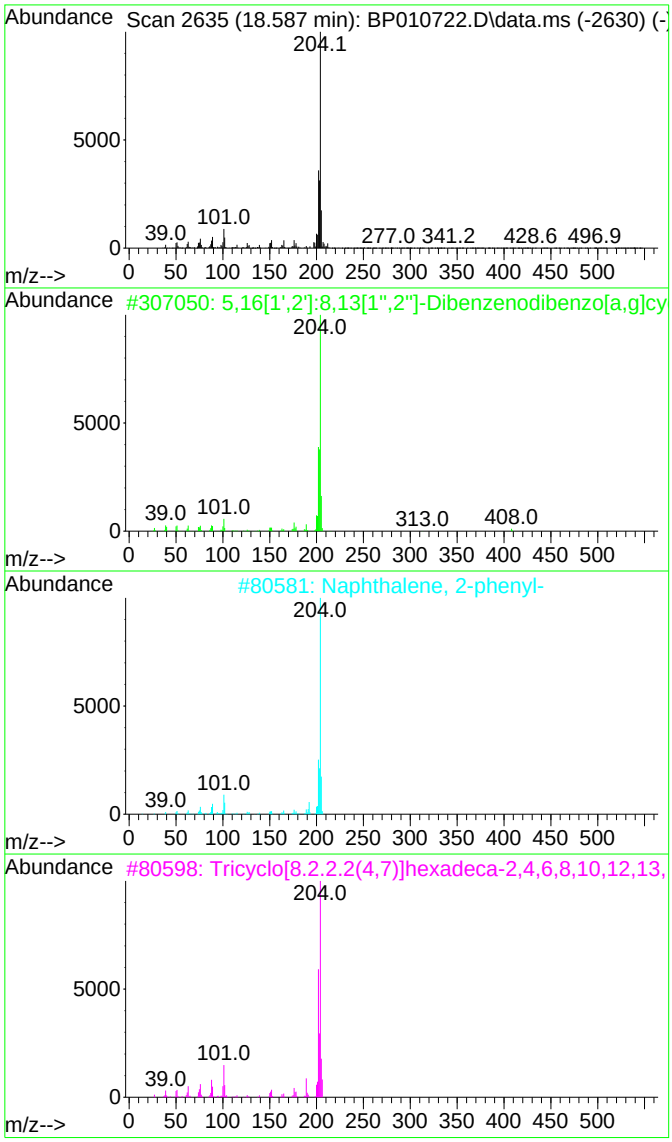
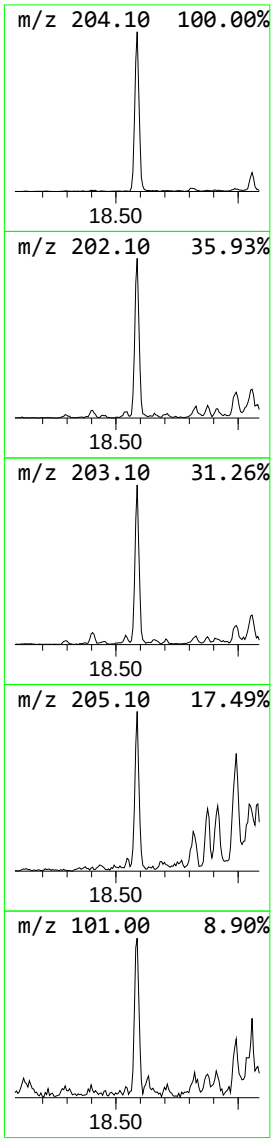
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.587	3.57 ng	334515	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53





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Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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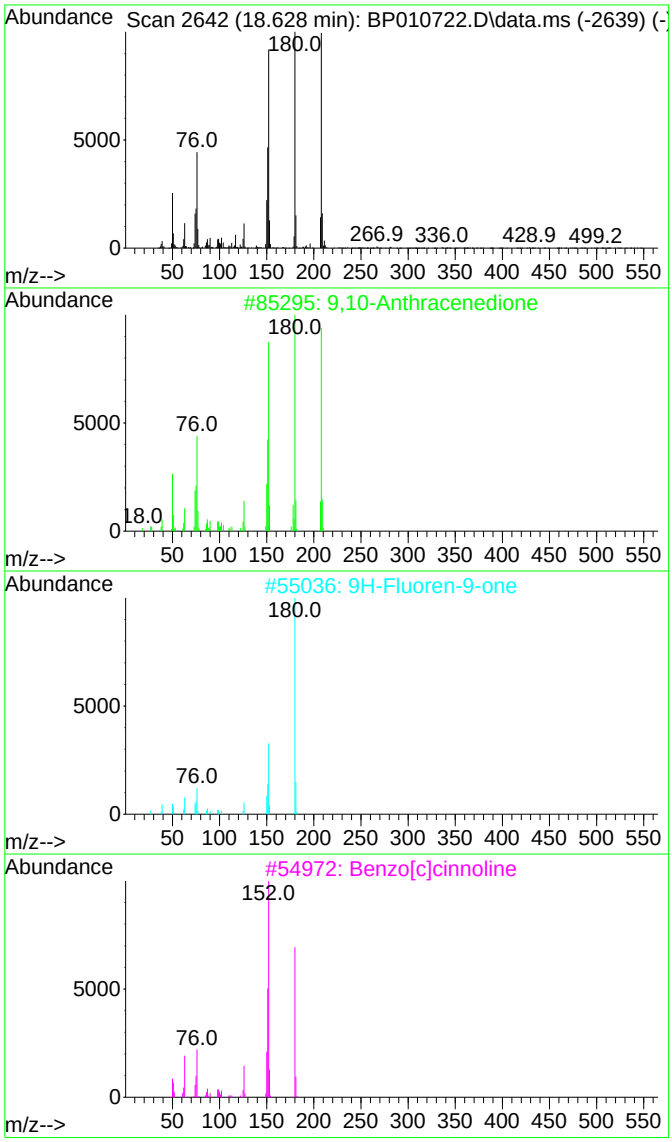
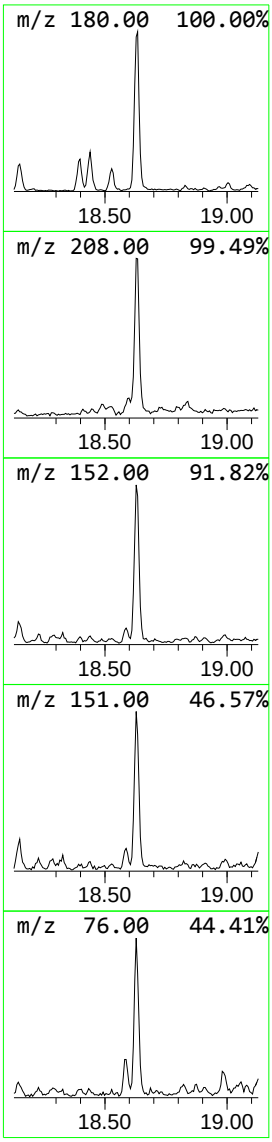
Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	3.32 ng	310680	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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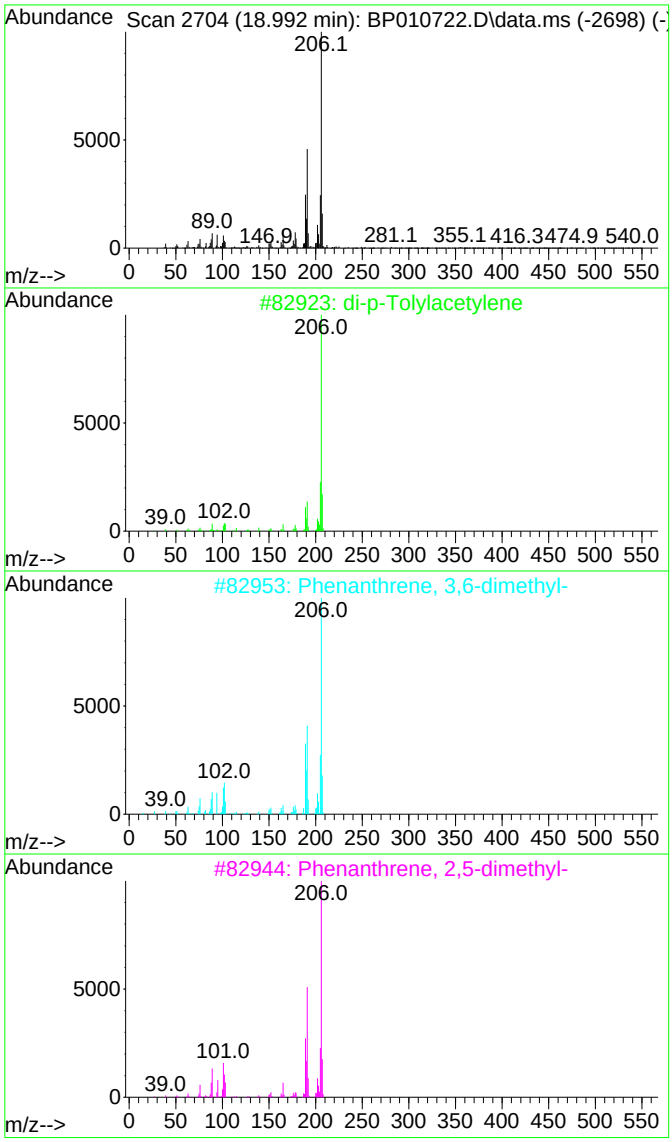
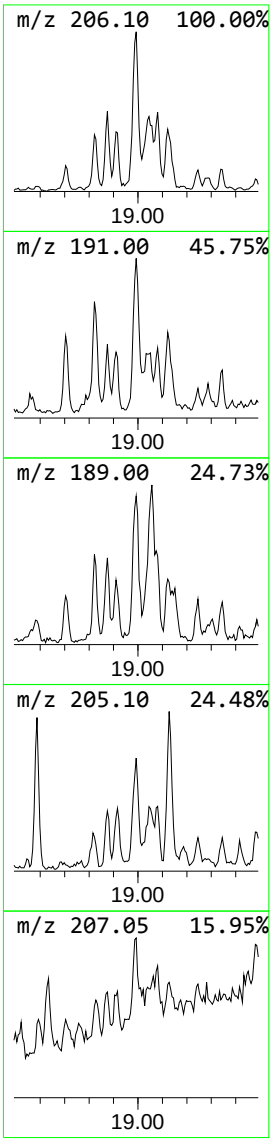
Peak Number 12 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	2.93 ng	274676	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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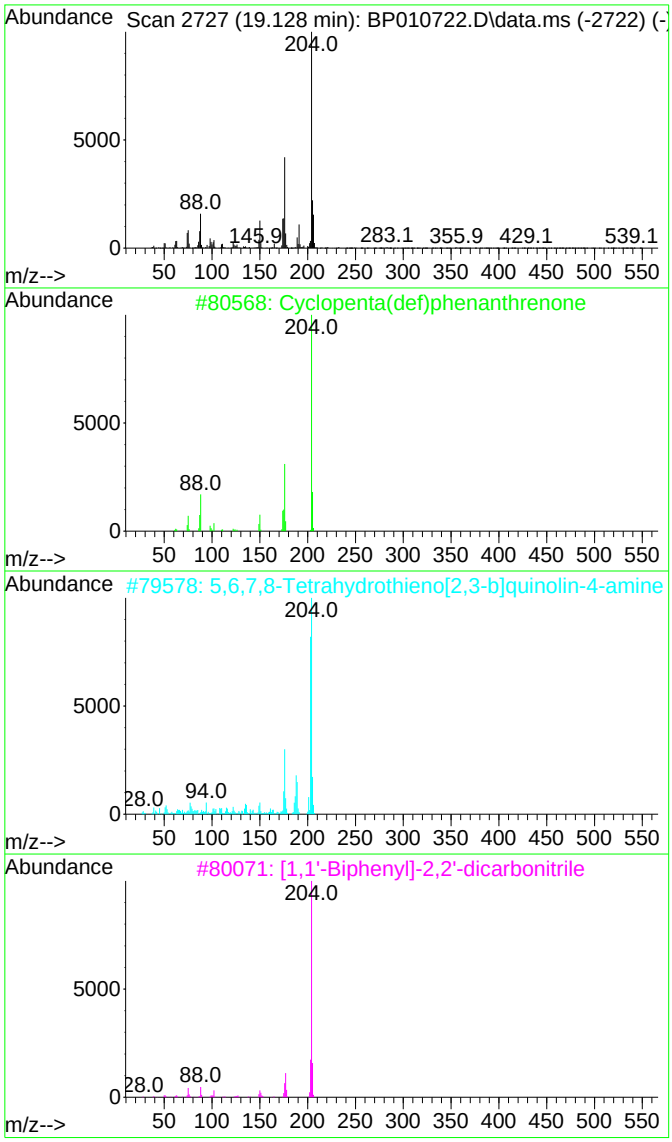
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

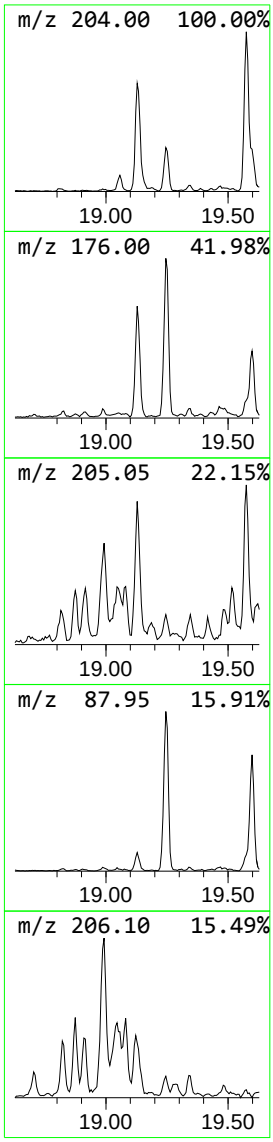
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	4.22 ng	395535	Phenanthrene-d10	17.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





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Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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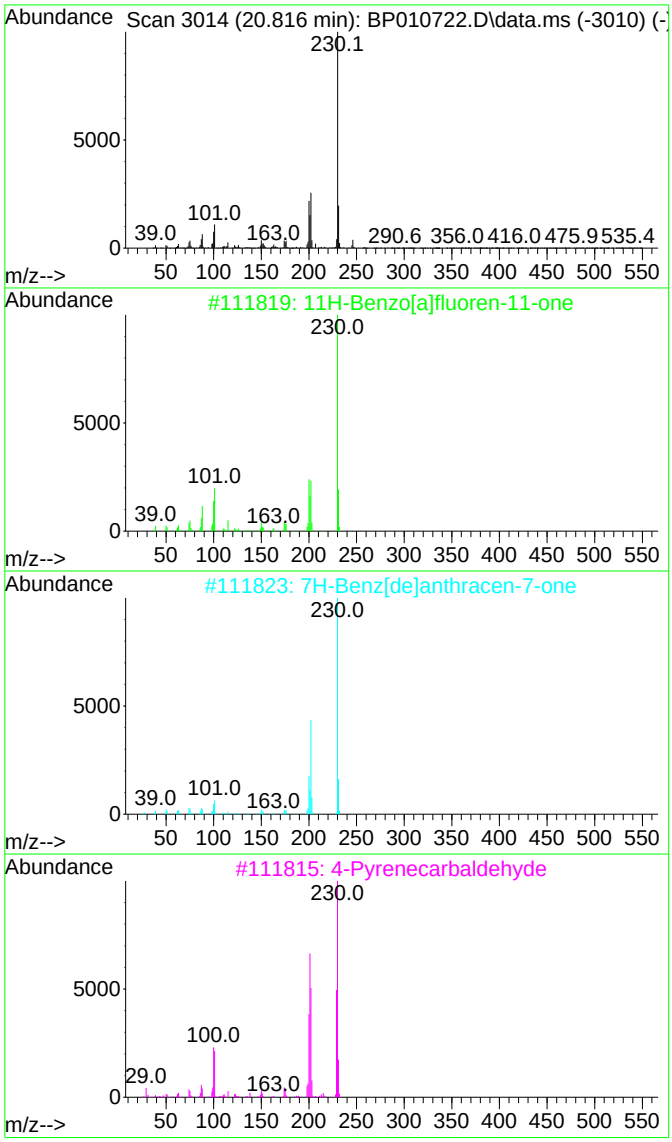
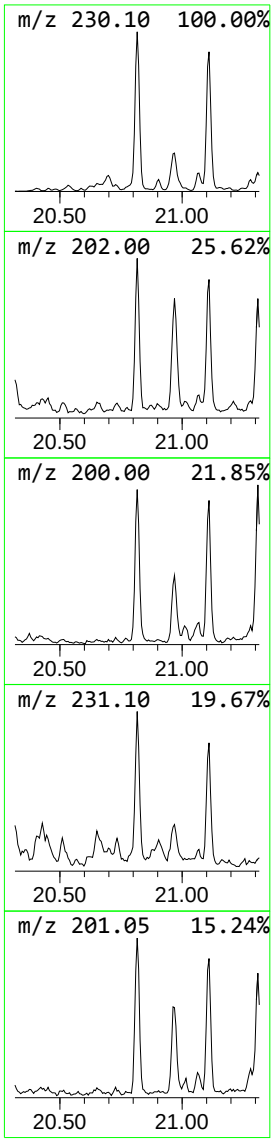
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.816	2.01 ng	619922	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Acq On : 08 Jun 2022 12:06
Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

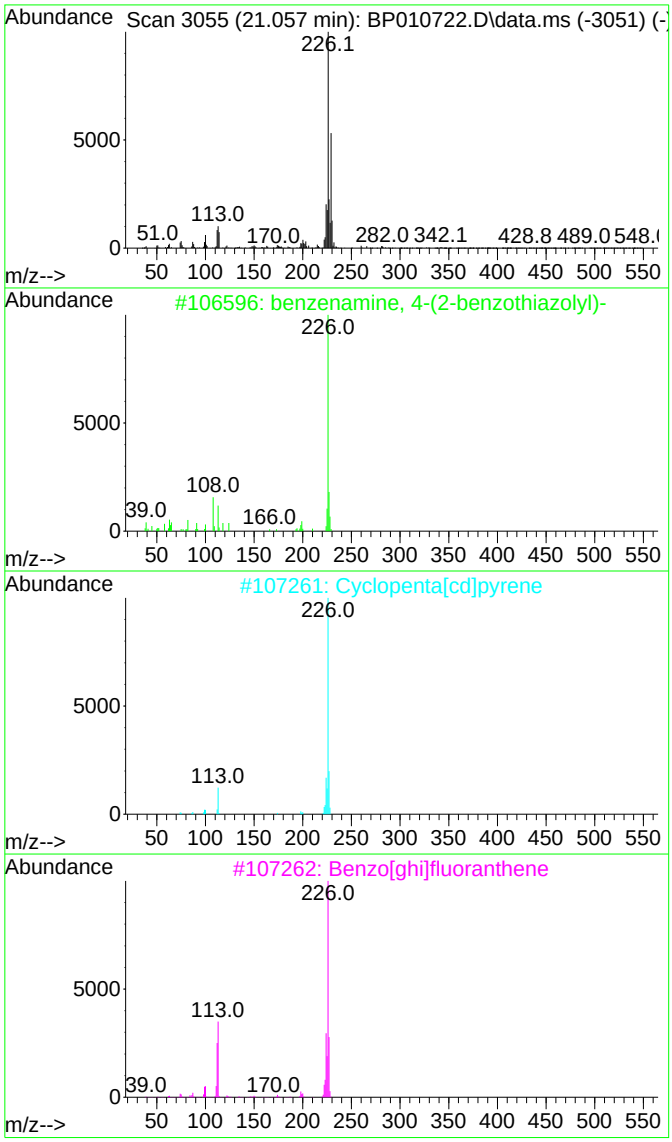
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

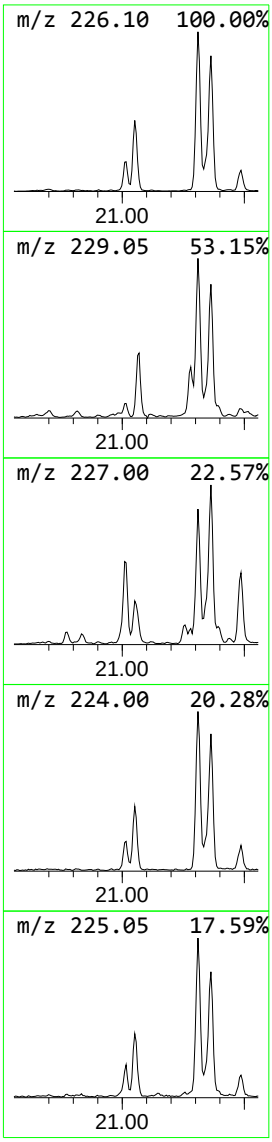
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 benzenamine, 4-(2-benzothia... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.11 ng	652483	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	47





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Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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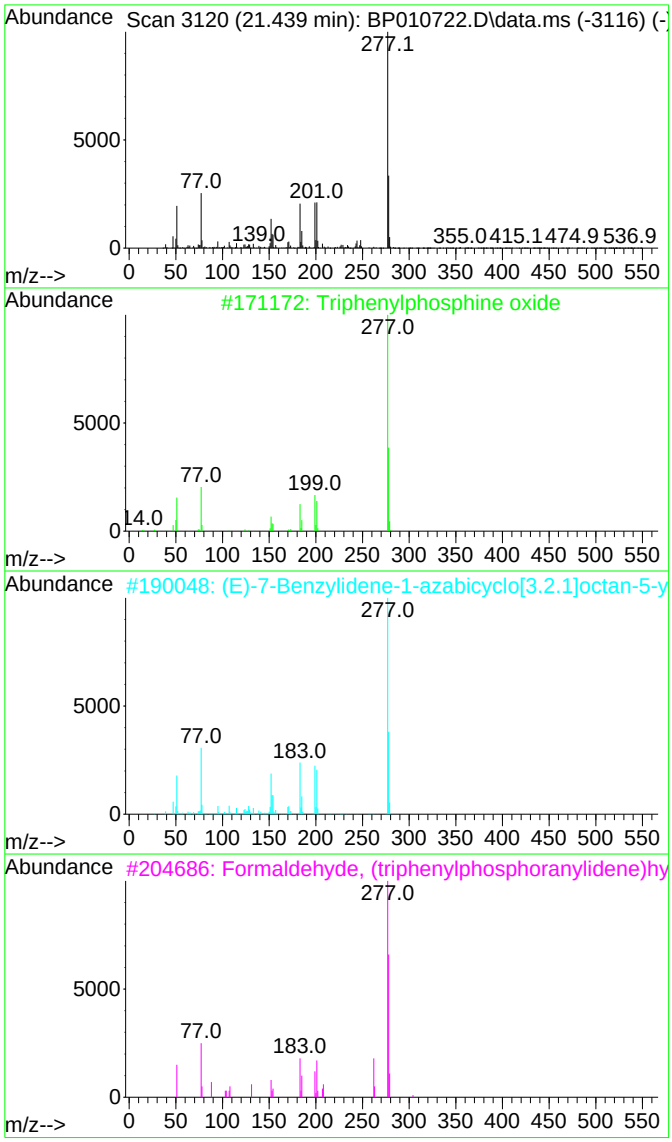
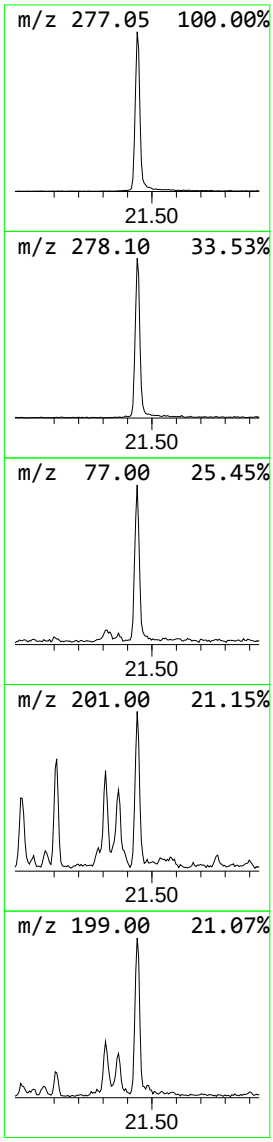
Peak Number 16 Triphenylphosphine oxide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	2.27 ng	701853	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	35





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Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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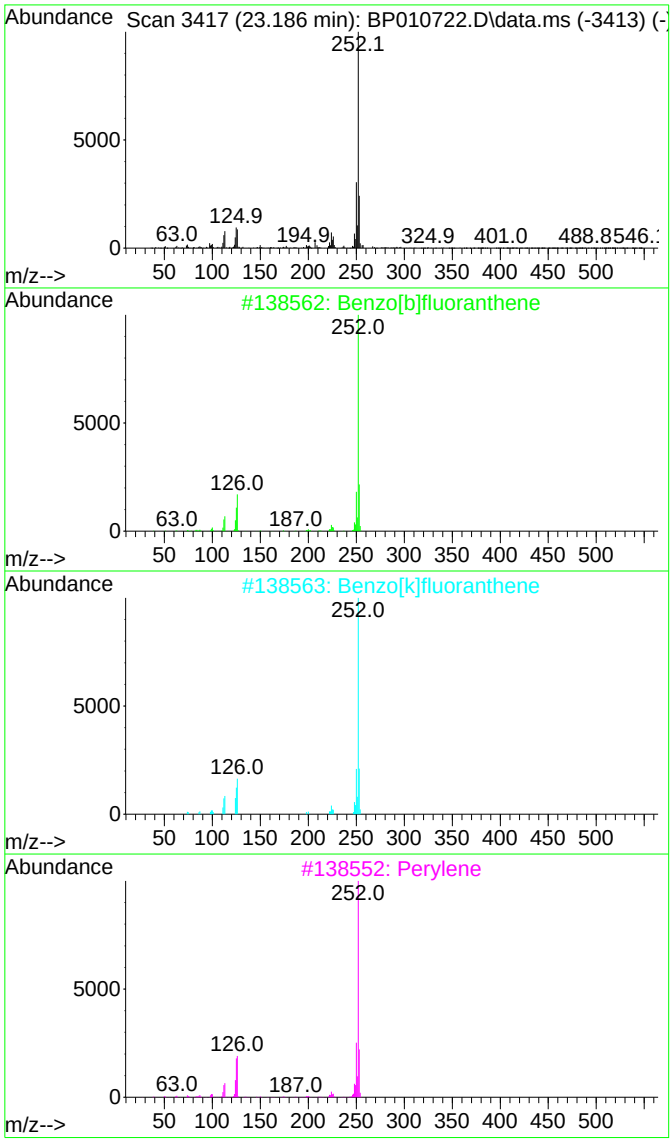
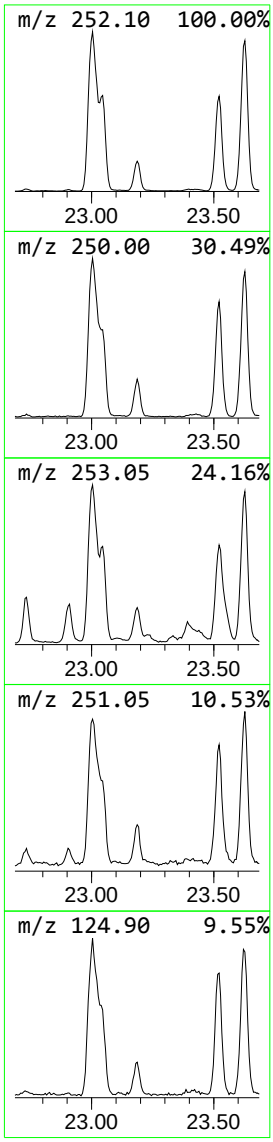
Peak Number 17 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.186	3.28 ng	377177	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	87
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Operator : CG/JU
Sample : N3194-03 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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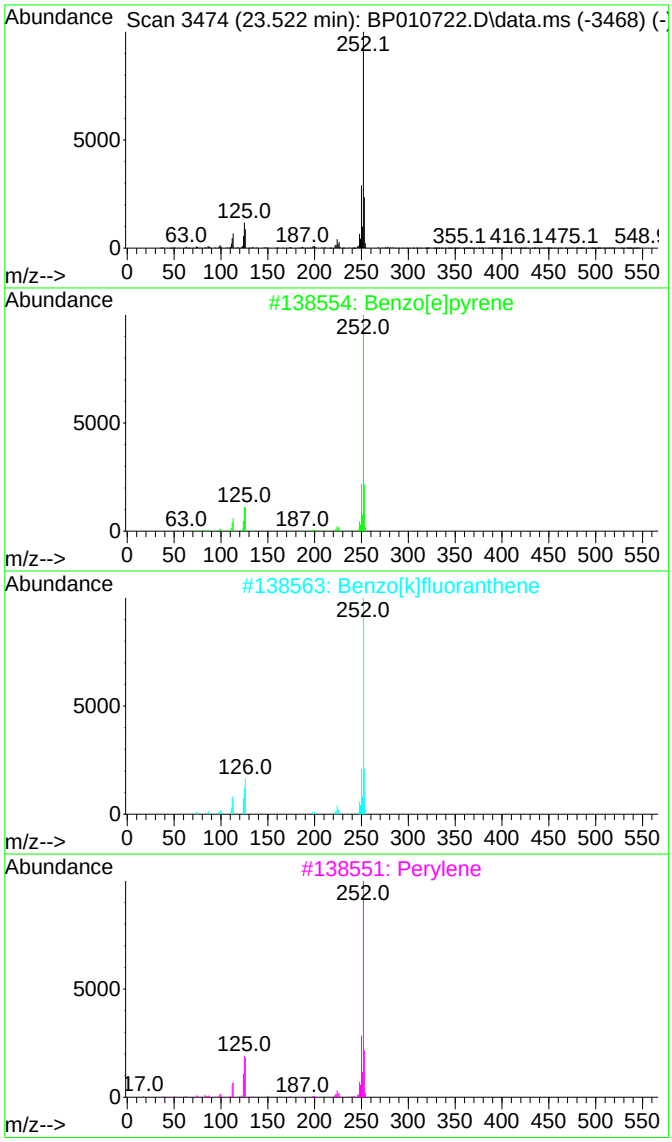
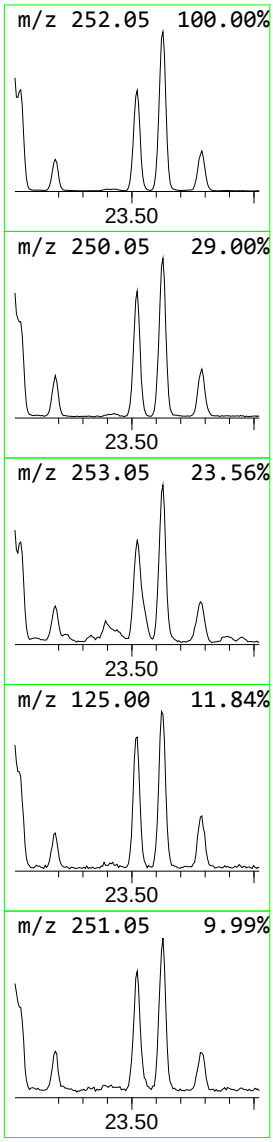
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.522	13.96 ng	1604600	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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Data File : BP010722.D
Acq On : 08 Jun 2022 12:06
Operator : CG/JU
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Instrument :
BNA_P
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TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.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
9H-Fluoren-9-one	16.887	2.2	ng	209904	4	17.234	1873960	20.0
Dibenzothiophene	17.051	2.0	ng	191764	4	17.234	1873960	20.0
Phenanthrene, 4...	18.104	6.0	ng	562128	4	17.234	1873960	20.0
Phenanthrene, 1...	18.151	6.9	ng	645057	4	17.234	1873960	20.0
1H-Cyclopropa[l...	18.228	2.7	ng	251600	4	17.234	1873960	20.0
4H-Cyclopenta[d...	18.292	7.2	ng	677055	4	17.234	1873960	20.0
Phenanthrene, 2...	18.328	3.0	ng	279688	4	17.234	1873960	20.0
5,16[1',2']:8,1...	18.587	3.6	ng	334515	4	17.234	1873960	20.0
9,10-Anthracene...	18.628	3.3	ng	310680	4	17.234	1873960	20.0
di-p-Tolylacety...	18.992	2.9	ng	274676	4	17.234	1873960	20.0
Cyclopenta(def)...	19.128	4.2	ng	395535	4	17.234	1873960	20.0
11H-Benzo[a]flu...	20.816	2.0	ng	619922	5	21.328	6173800	20.0
benzenamine, 4-...	21.057	2.1	ng	652483	5	21.328	6173800	20.0
Triphenylphosph...	21.439	2.3	ng	701853	5	21.328	6173800	20.0
Perylene	23.186	3.3	ng	377177	6	23.733	2299120	20.0
Benzo[e]pyrene	23.522	14.0	ng	1604600	6	23.733	2299120	20.0