LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

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_M\Methods\8270-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032412.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.190	393	400	408	rBV	553882	796186	6.64%	0.682%
2	6.801	668	674	689	rBV	559209	848159	7.08%	0.727%
3	7.613	805	812	821	rBV	1357106	2031628	16.96%	1.741%
4	8.766	995	1008	1021	rBV	322102	547928	4.57%	0.470%
5	9.819	1179	1187	1188	rBV2	91737	138558	1.16%	0.119%
6	9.842	1188	1191	1198	rVV	132539	263156	2.20%	0.226%
7	9.913	1198	1203	1207	rVV	126922	254806	2.13%	0.218%
8	9.954	1207	1210	1223	rVB2	71490	162921	1.36%	0.140%
9	10.401	1277	1286	1291	rBV	1802666	2950191	24.62%	2.529%
10	10.454	1291	1295	1304	rVB	258397	428659	3.58%	0.367%
11	12.066	1561	1569	1575	rVB	89902	141303	1.18%	0.121%
12	12.289	1599	1607	1619	rVB	86345	147103	1.23%	0.126%
13	12.877	1700	1707	1713	rBV	852222	1209642	10.10%	1.037%
14	14.260	1933	1942	1948	rBV	2527037	3675774	30.68%	3.150%
15	14.324	1948	1953	1959	rVB	1054718	1439880	12.02%	1.234%
16	14.660	2004	2010	2018	rVB	363782	551703	4.60%	0.473%
17	15.301	2114	2119	2131	rVB	818552	1182545	9.87%	1.014%
18	15.430	2138	2141	2144	rVV2	111520	147667	1.23%	0.127%
19	15.465	2144	2147	2152	rVB2	134794	185037	1.54%	0.159%
20	15.601	2165	2170	2179	rVB	143717	224974	1.88%	0.193%
21	15.742	2188	2194	2202	rBV	668831	1019412	8.51%	0.874%
22	16.301	2286	2289	2294	rVB2	115299	165683	1.38%	0.142%
23	16.642	2343	2347	2355	rVB2	100063	177953	1.49%	0.153%
24	16.748	2356	2365	2369	rBV3	120637	294939	2.46%	0.253%
25	16.812	2371	2376	2385	rVB	368324	558064	4.66%	0.478%
26	16.989	2400	2406	2409	rBV	2638257	3638401	30.37%	3.118%
27	17.030	2409	2413	2419	rVV	6167231	8773855	73.22%	7.520%
28	17.089	2419	2423	2424	rVV2	148079	182469	1.52%	0.156%
29	17.118	2424	2428	2434	rVV	1581558	2087437	17.42%	1.789%
30	17.177	2434	2438	2444	rVB	152567	231284	1.93%	0.198%
31	17.383	2464	2473	2479	rBV	780631	1261068	10.52%	1.081%
32	17.501	2488	2493	2498	rBV4	107267	174833	1.46%	0.150%
33	17.712	2524	2529	2535	rVB	66177	125389	1.05%	0.107%
34	17.859	2544	2554	2558	rBV	581707	938423	7.83%	0.804%
35	17.906	2558	2562	2569	rVB	876965	1182364	9.87%	1.013%
36	17.983	2570	2575	2581	rBV	304284	461930	3.86%	0.396%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

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_M\Methods\8270-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.053	2581	2587	2591	rVV3	1226907	2048586	17.10%	1.756%
38	18.089	2591	2593	2598	rVB	368915	395651	3.30%	0.339%
39	18.353	2634	2638	2642	rBV	470964	634120	5.29%	0.543%
40	18.395	2642	2645	2652	rVB2	163206	241885	2.02%	0.207%
41	18.606	2678	2681	2684	rVB2	130676	149616	1.25%	0.128%
42	18.653	2686	2689	2692	rVV	125930	167252	1.40%	0.143%
43	18.695	2692	2696	2699	rVB2	123476	176816	1.48%	0.152%
44	18.783	2705	2711	2715	rBV	249821	473910	3.96%	0.406%
45	18.842	2717	2721	2724	rVV2	118574	193384	1.61%	0.166%
46	18.918	2730	2734	2737	rBV	183449	267708	2.23%	0.229%
47	19.047	2749	2756	2761	rBV	8055723	11289606	94.22%	9.676%
48	19.100	2763	2765	2768	rVV	105076	135797	1.13%	0.116%
49	19.136	2768	2771	2776	rVB2	187851	240927	2.01%	0.206%
50	19.283	2793	2796	2800	rVB	238905	278669	2.33%	0.239%
51	19.406	2807	2817	2825	rBV2	6894534	11982184	100.00%	10.270%
52	19.477	2825	2829	2835	rVB2	322768	519231	4.33%	0.445%
53	19.600	2843	2850	2854	rBV2	966574	1689027	14.10%	1.448%
54	19.642	2854	2857	2862	rVB	409087	523718	4.37%	0.449%
55	19.724	2866	2871	2877	rBV3	412809	1023762	8.54%	0.877%
56	19.777	2877	2880	2884	rVB	218623	230477	1.92%	0.198%
57	19.865	2891	2895	2896	rBV3	232132	308315	2.57%	0.264%
58	19.894	2896	2900	2905	rVB	1372493	1820312	15.19%	1.560%
59	19.994	2913	2917	2921	rBV	1182851	1476311	12.32%	1.265%
60	20.053	2923	2927	2931	rVV2	585260	917299	7.66%	0.786%
61	20.094	2931	2934	2938	rVB2	482094	576149	4.81%	0.494%
62	20.194	2948	2951	2954	rBV	272249	314200	2.62%	0.269%
63	20.242	2956	2959	2962	rVB	288244	363464	3.03%	0.312%
64	20.636	3024	3026	3033	rVB2	287575	453994	3.79%	0.389%
65	20.806	3052	3055	3058	rVB	493457	505888	4.22%	0.434%
66	20.841	3058	3061	3064	rVV	590234	675996	5.64%	0.579%
67	20.883	3065	3068	3072	rVV2	647853	902205	7.53%	0.773%
68	20.930	3072	3076	3083	rVB2	410301	636570	5.31%	0.546%
69	21.141	3107	3112	3117	rBV3	4557772	8350102	69.69%	7.157%
70	21.189	3117	3120	3130	rVB	3567591	4637326	38.70%	3.975%
71	21.306	3137	3140	3145	rBV	904094	1140438	9.52%	0.977%
72	21.459	3163	3166	3171	rVB	626759	763994	6.38%	0.655%
73	22.665	3366	3371	3375	rBV	2571688	5276525	44.04%	4.522%
74	22.824	3395	3398	3404	rVB	663749	994433	8.30%	0.852%
75	23.118	3443	3448	3456	rVB	1712957	3246691	27.10%	2.783%
76	23.206	3458	3463	3470	rVV	2670960	4486618	37.44%	3.845%

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-100721

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_M\Methods\8270-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.300	3474	3479	3483	rVV2	1557682	2884194	24.07%	2.472%
78	23.347	3484	3487	3494	rVB	874638	1374460	11.47%	1.178%
79	25.424	3834	3840	3849	rVB	1289117	3304327	27.58%	2.832%

Sum of corrected areas: 116673461

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
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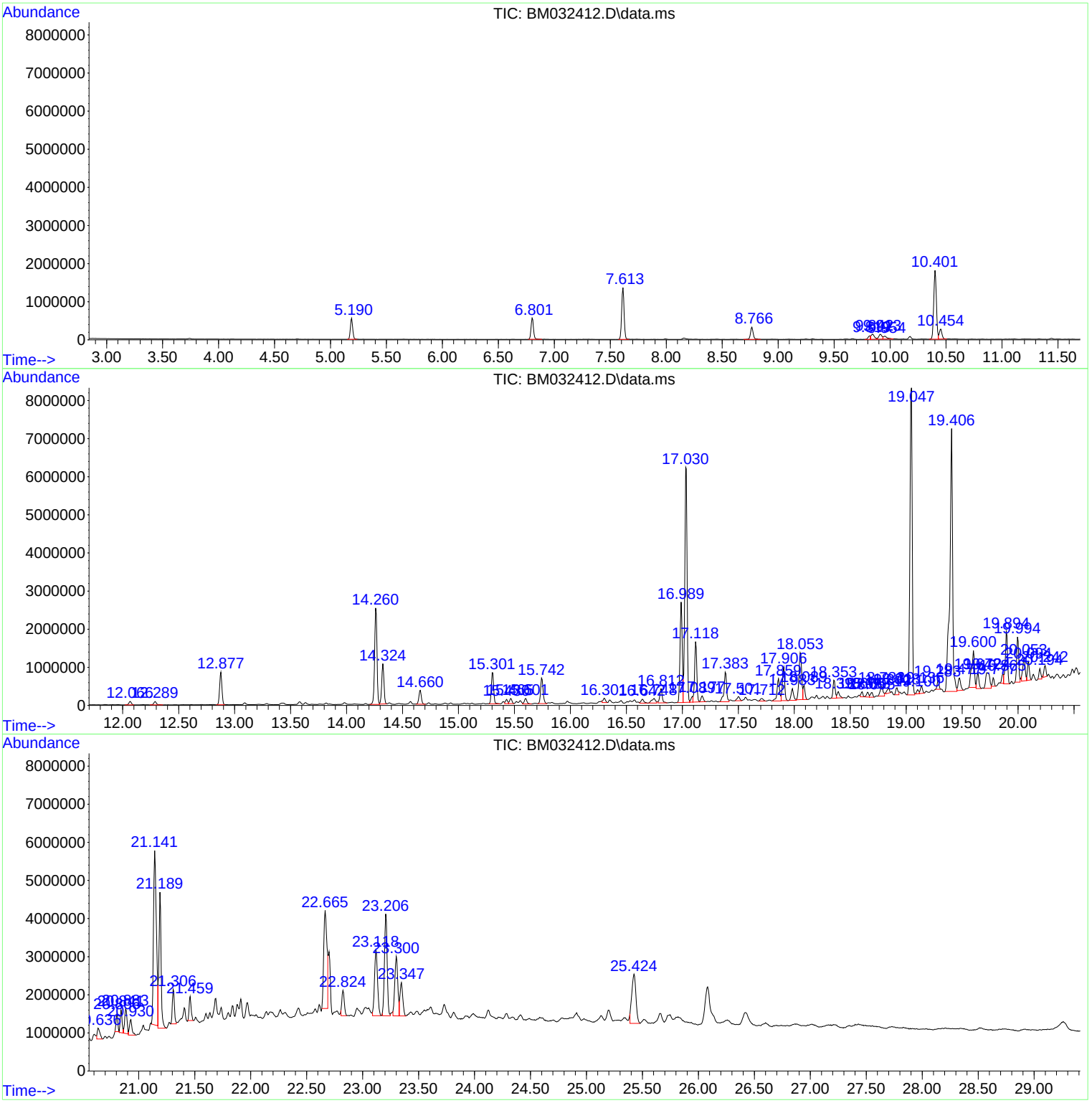
Instrument :
BNA_M
ClientSampleId :
OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

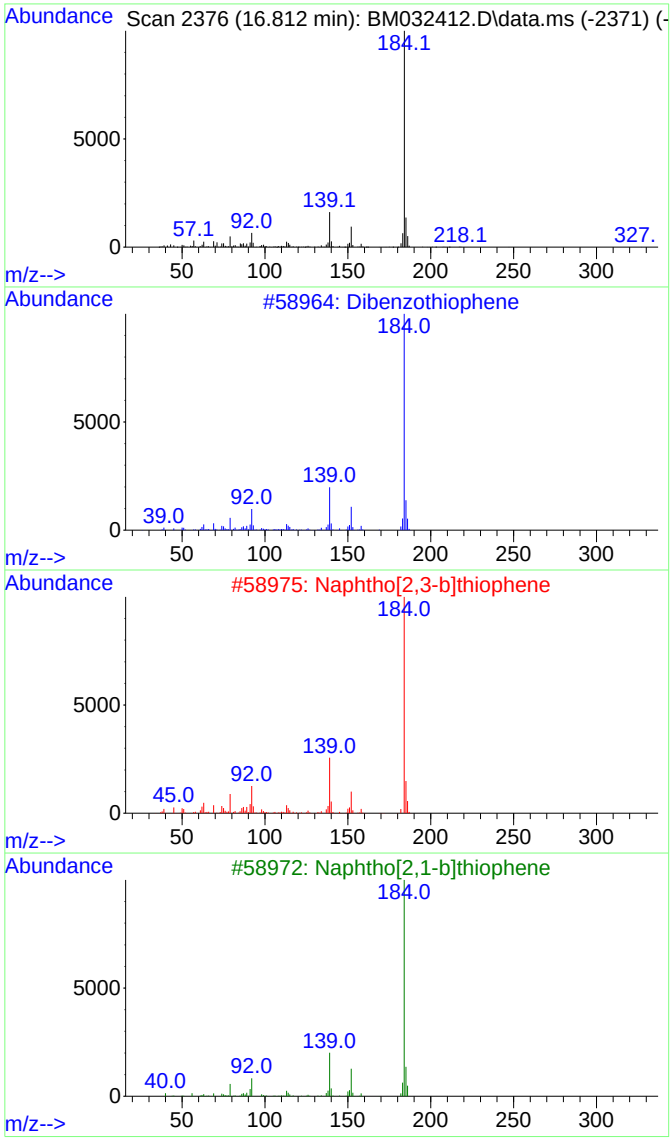
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

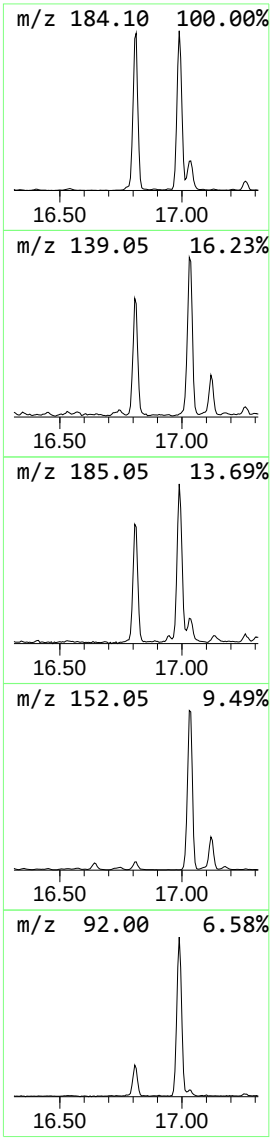
****

Peak Number 1 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.812	3.07 ng	558064	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-100721

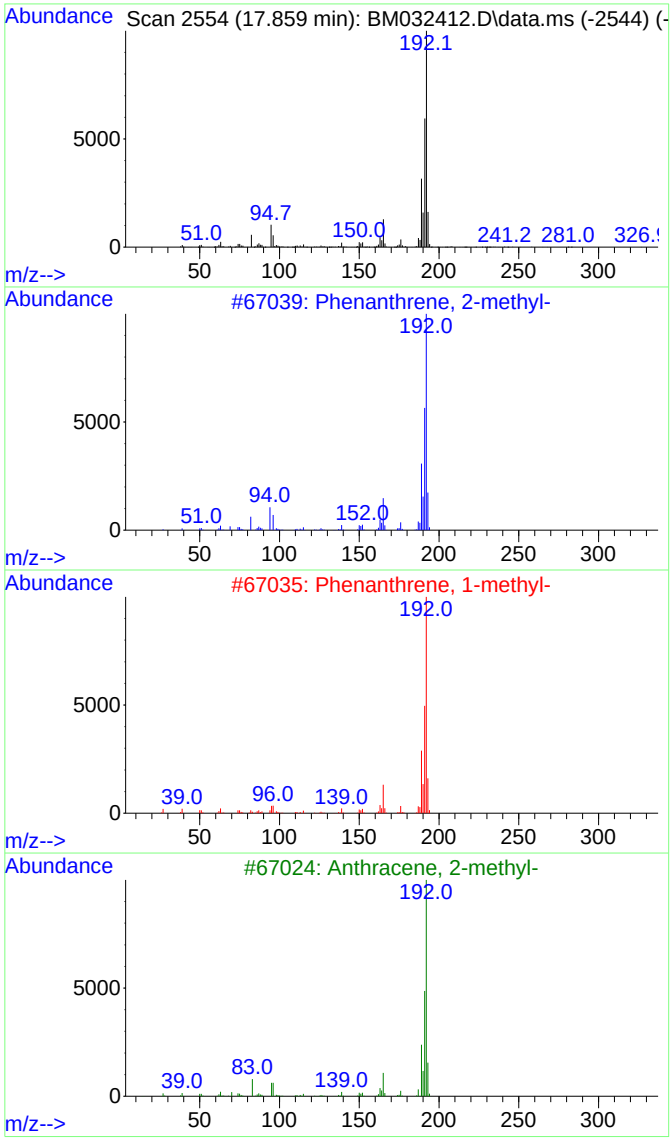
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

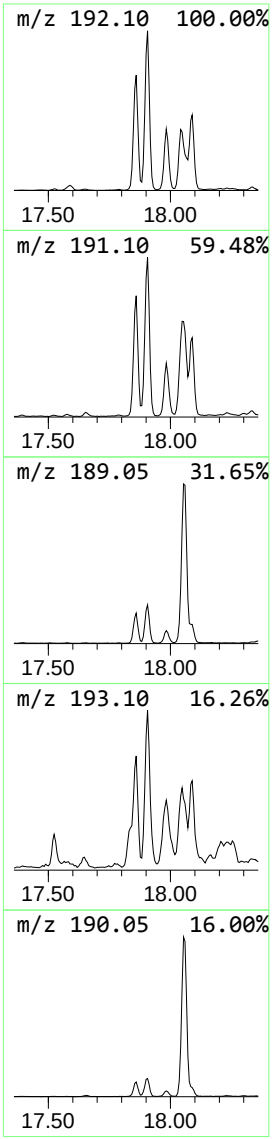
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.859	5.16 ng	938423	Phenanthrene-d10	16.989

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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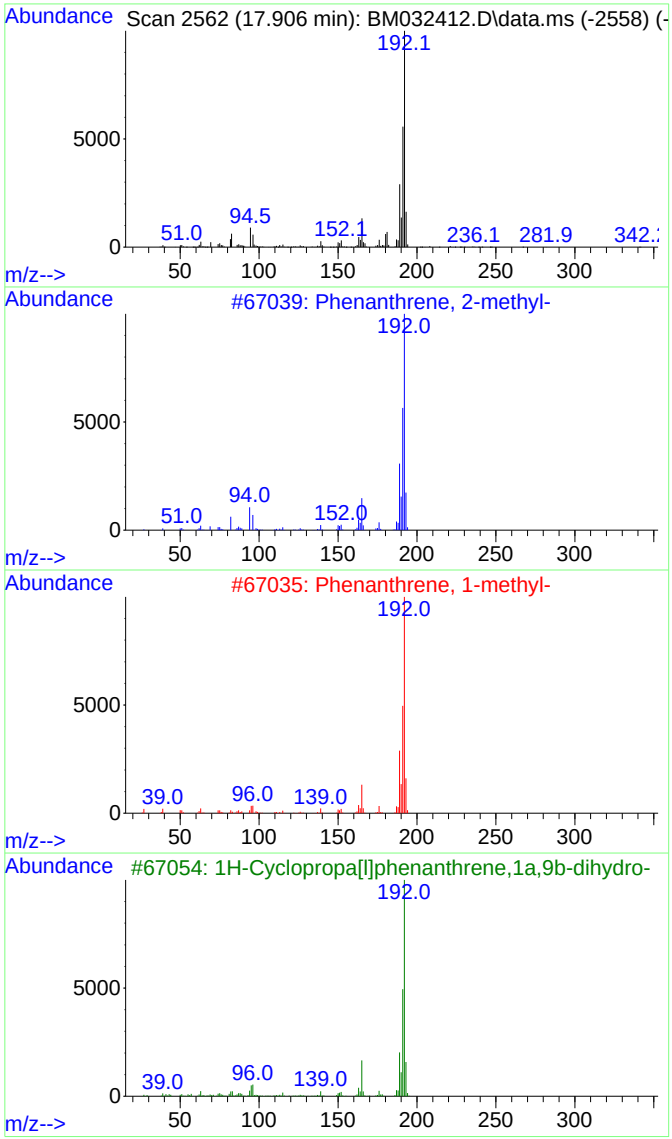
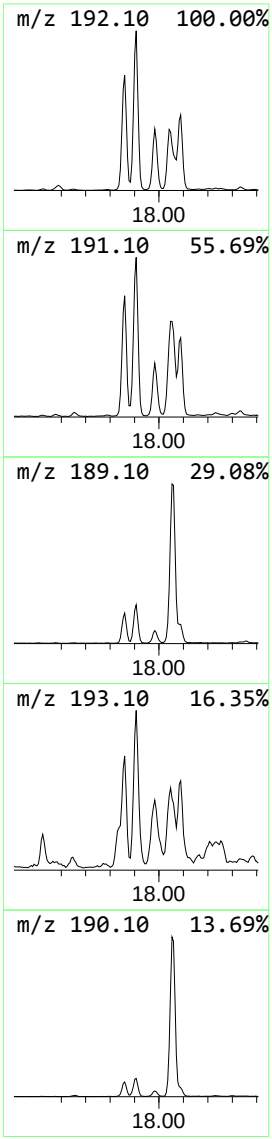
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.906	6.50 ng	1182360	Phenanthrene-d10	16.989

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	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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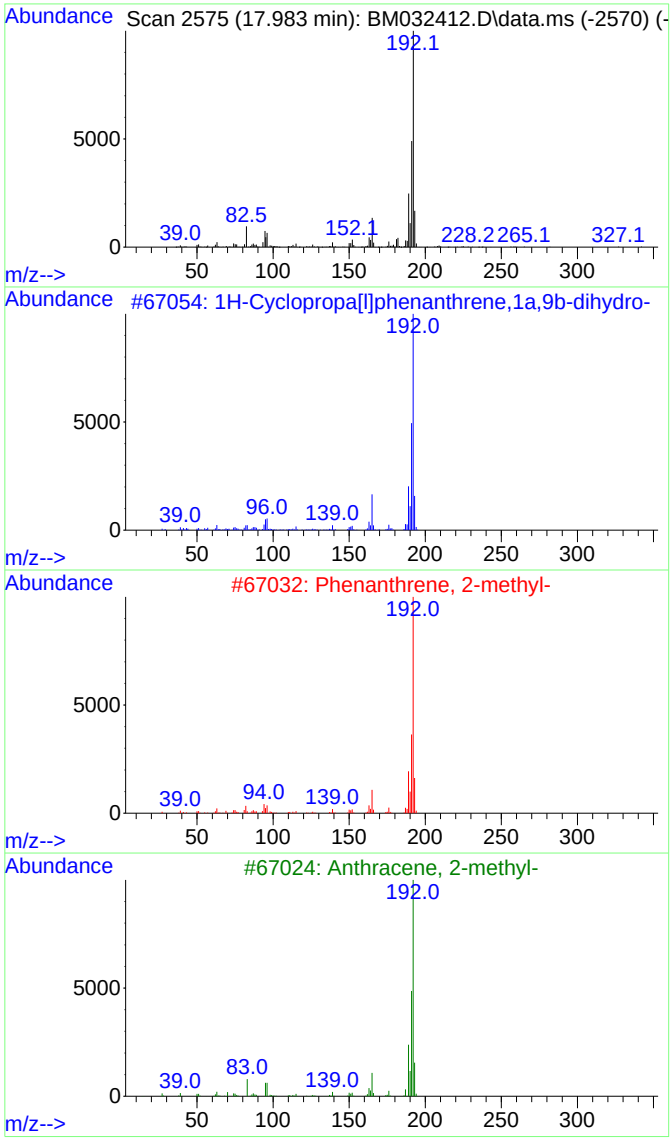
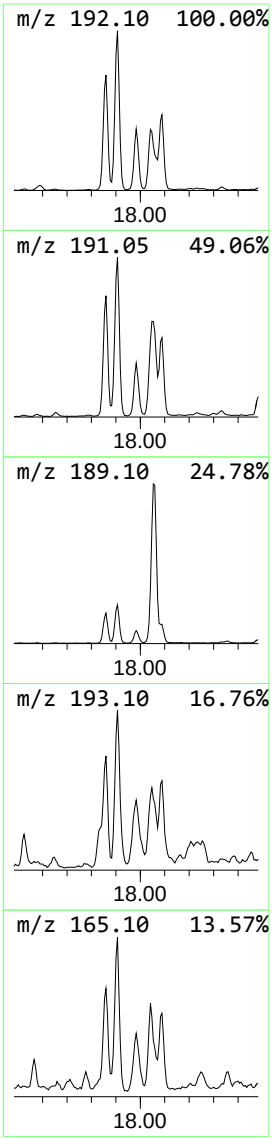
****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.983	2.54 ng	461930	Phenanthrene-d10	16.989

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, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

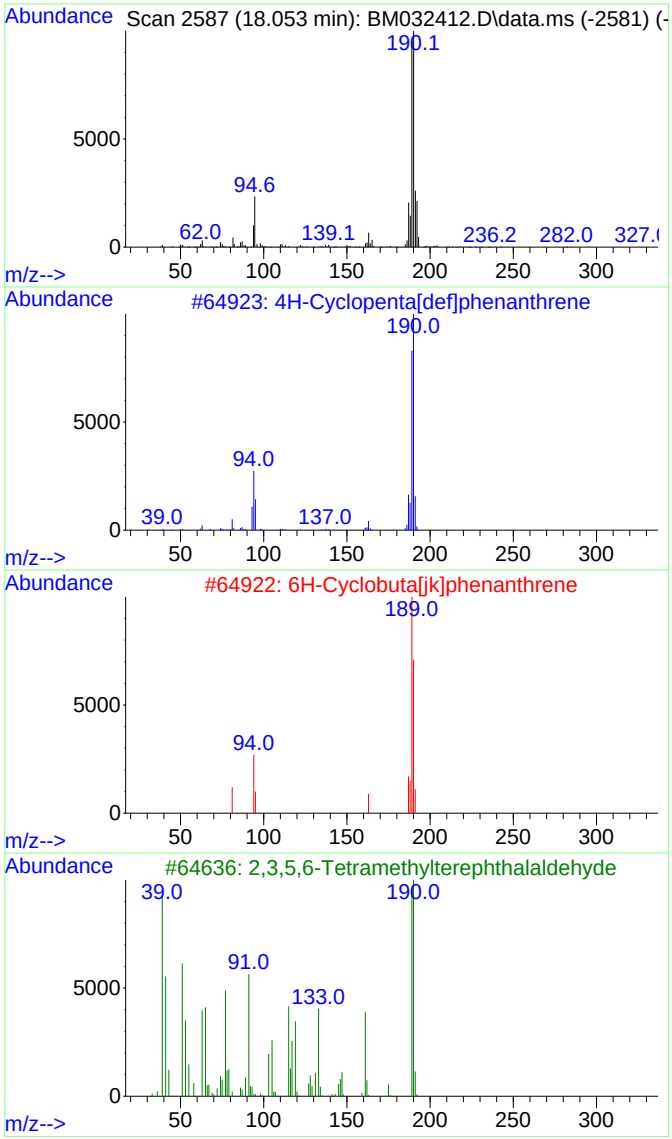
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

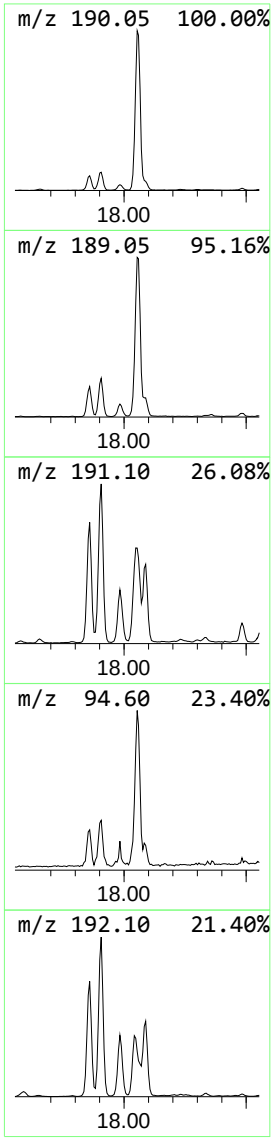
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.053	11.26 ng	2048590	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
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Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

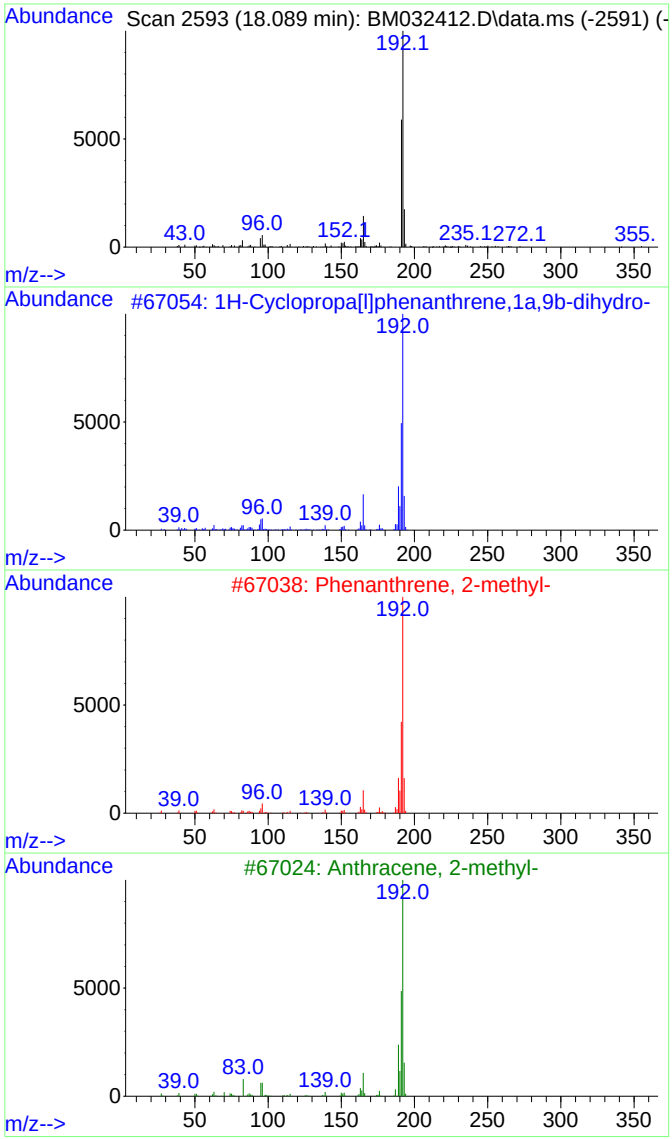
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

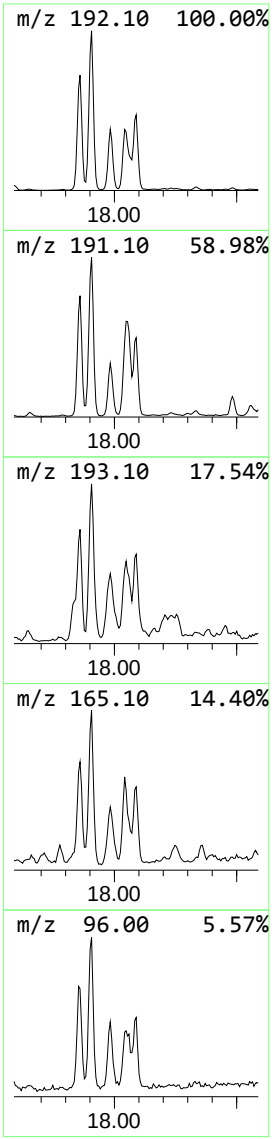
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	2.17 ng	395651	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

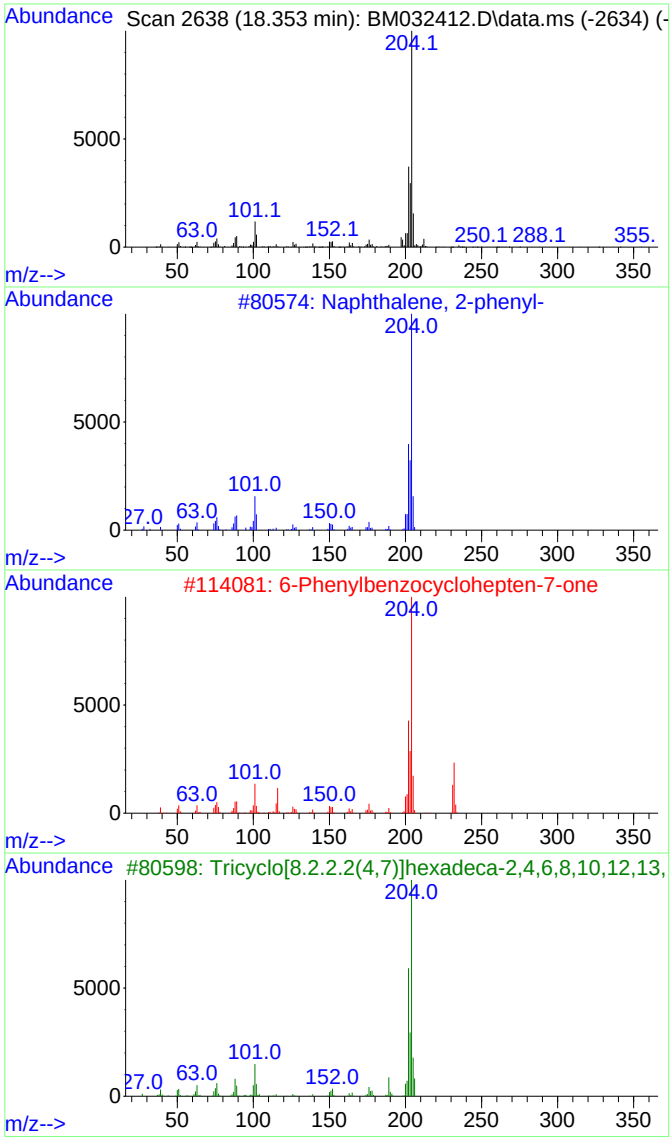
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

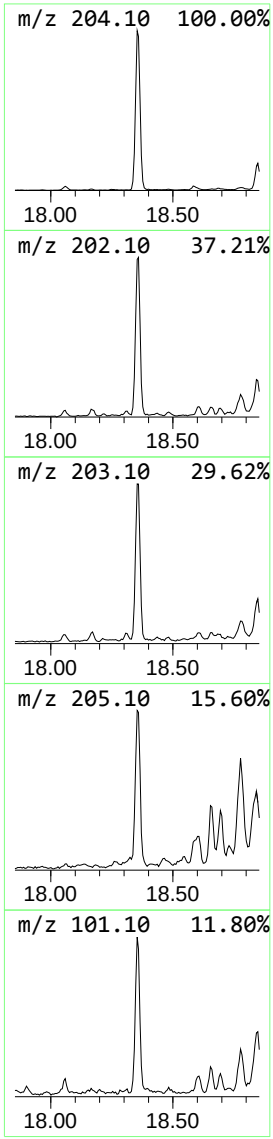
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.353	3.49 ng	634120	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-100721

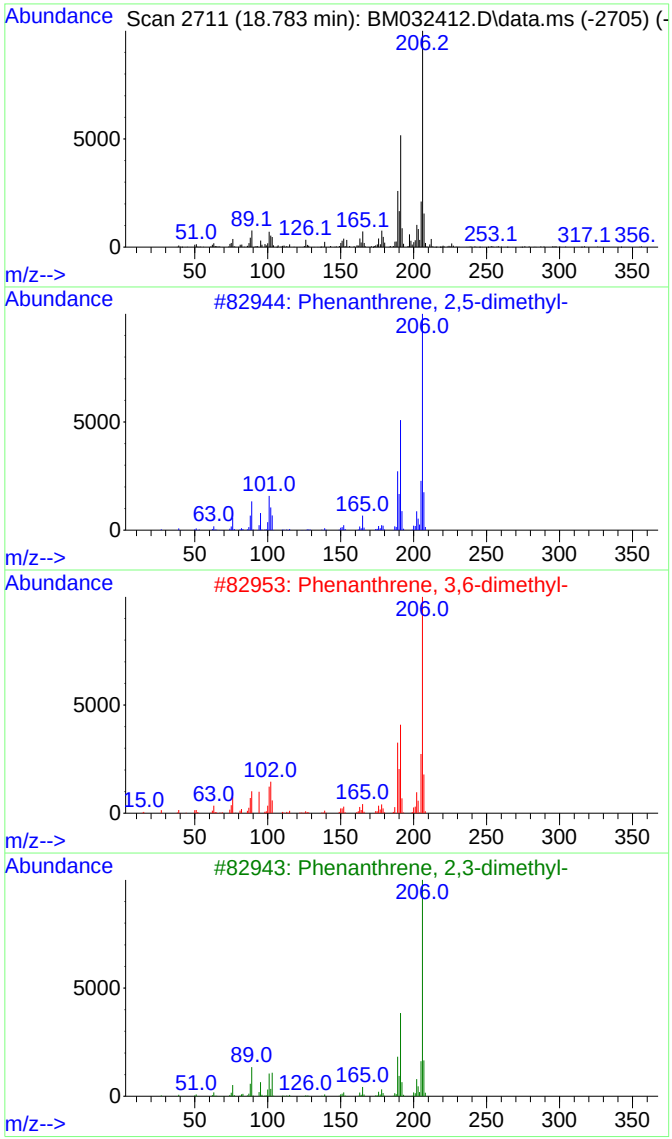
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

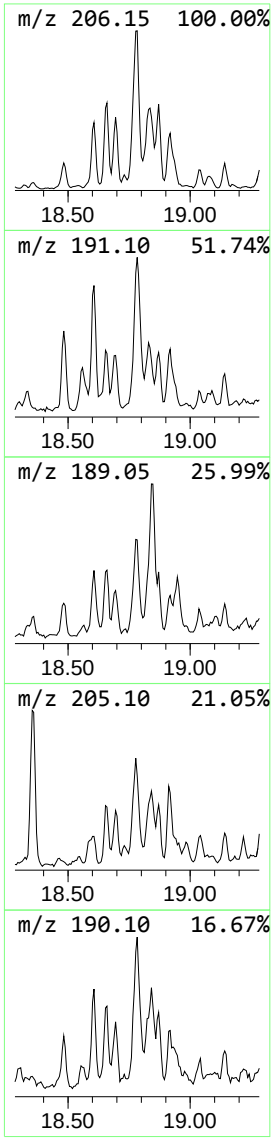
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.783	2.61 ng	473910	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Misc :
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Instrument : BNA_M
ClientSampleId : OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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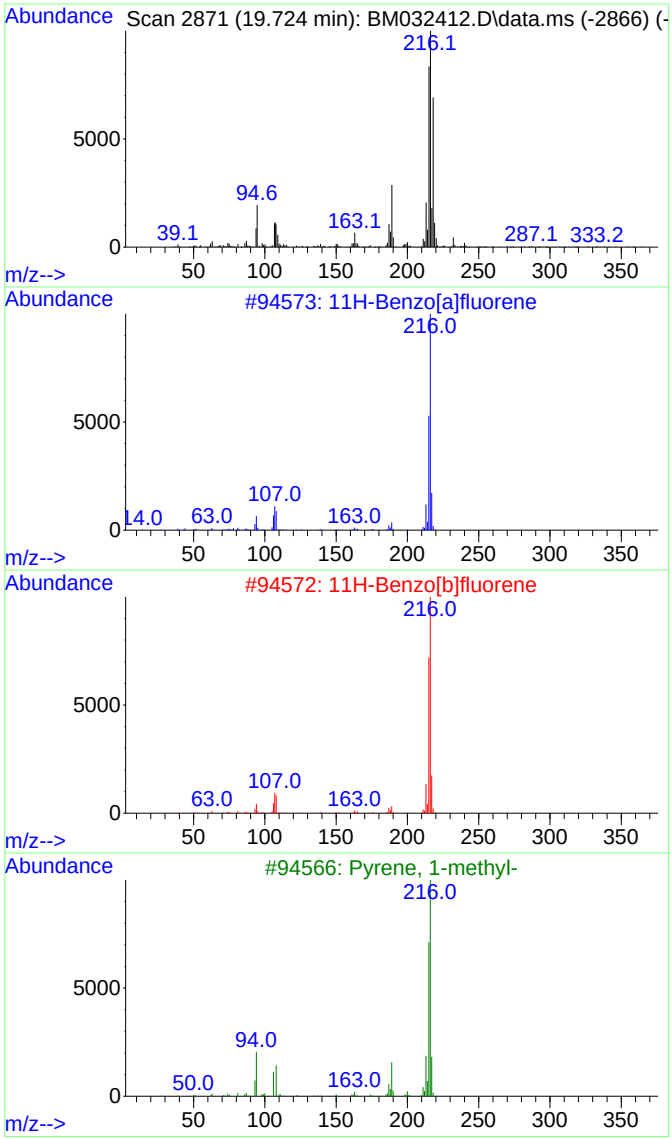
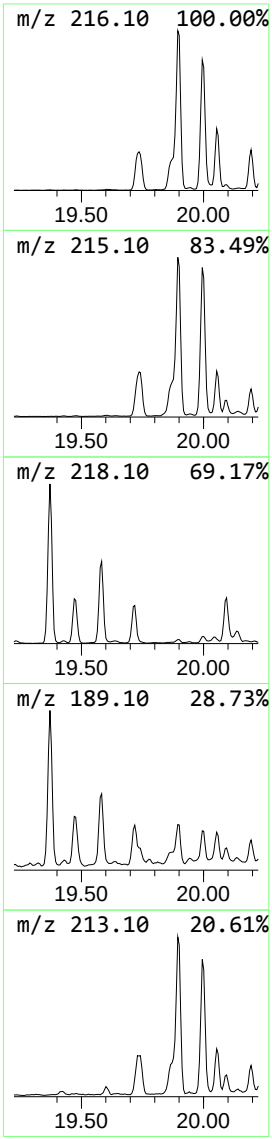
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.724	2.45 ng	1023760	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	56





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Sample : M4129-01 10X
Misc :
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Instrument :
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ClientSampleId :
OK-02-100721

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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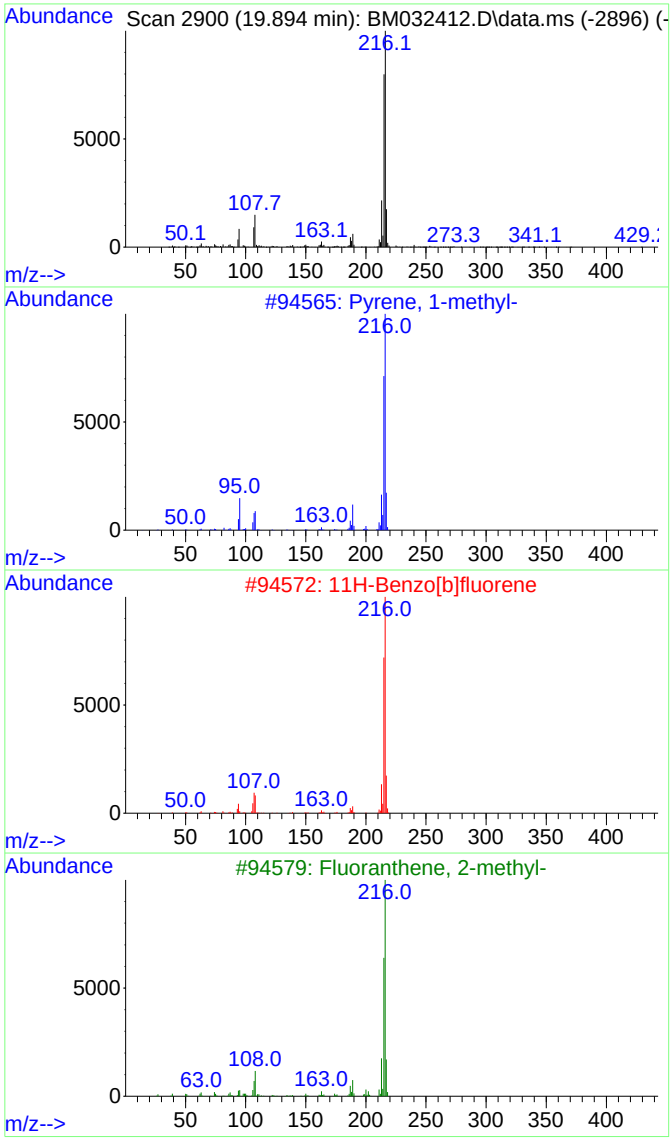
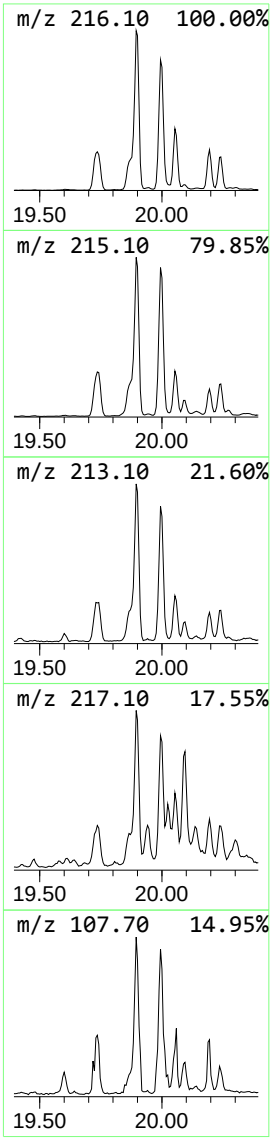
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.895	4.36 ng	1820310	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

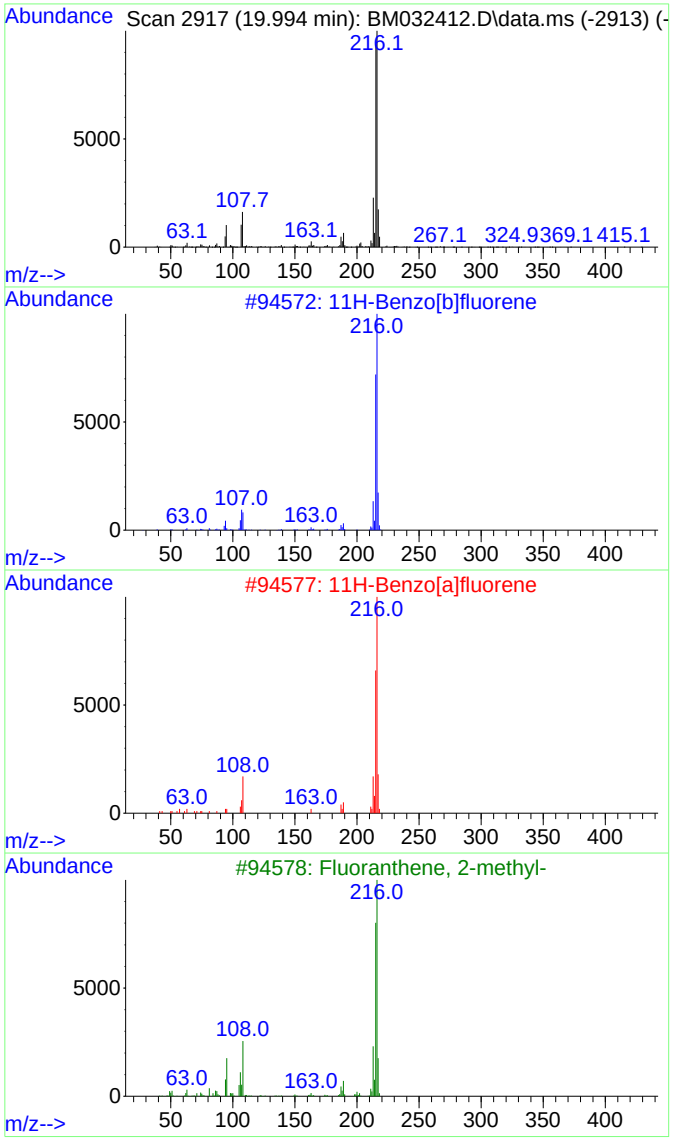
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

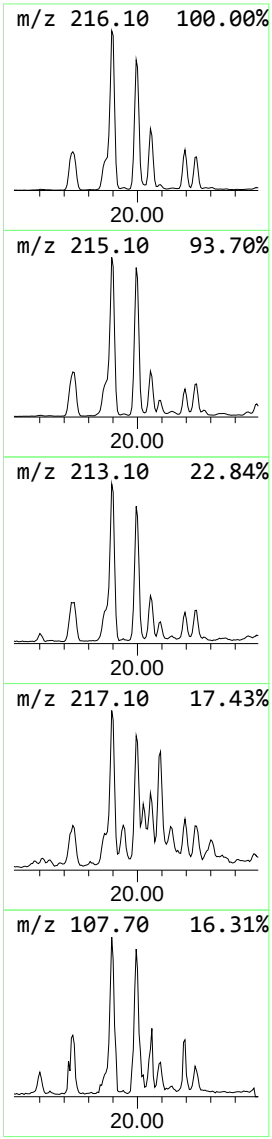
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.994	3.54 ng	1476310	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

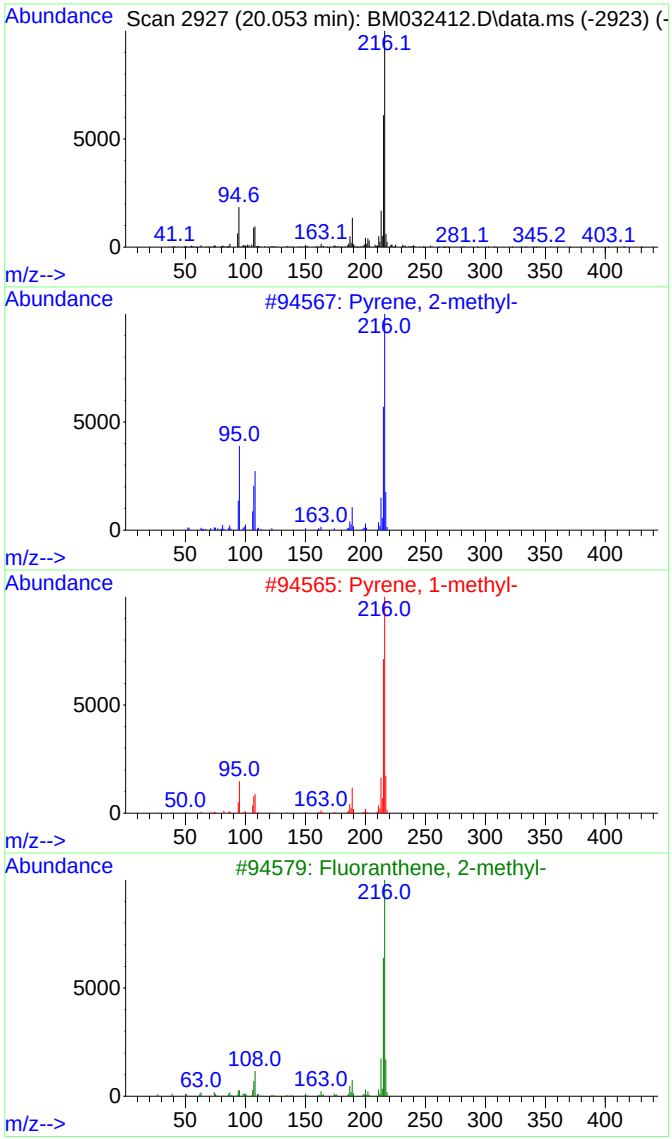
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

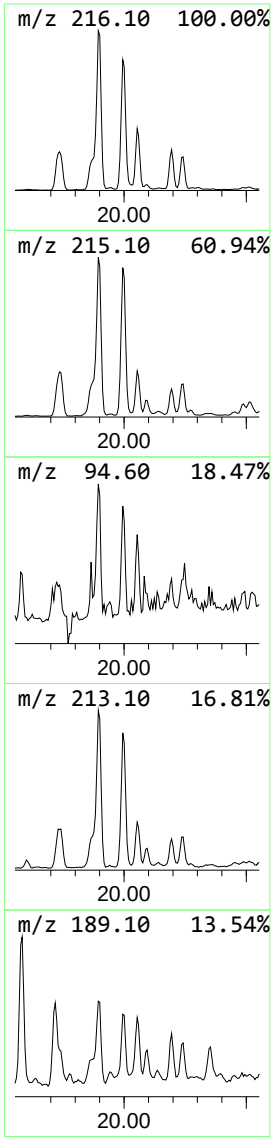
****

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.053	2.20 ng	917299	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

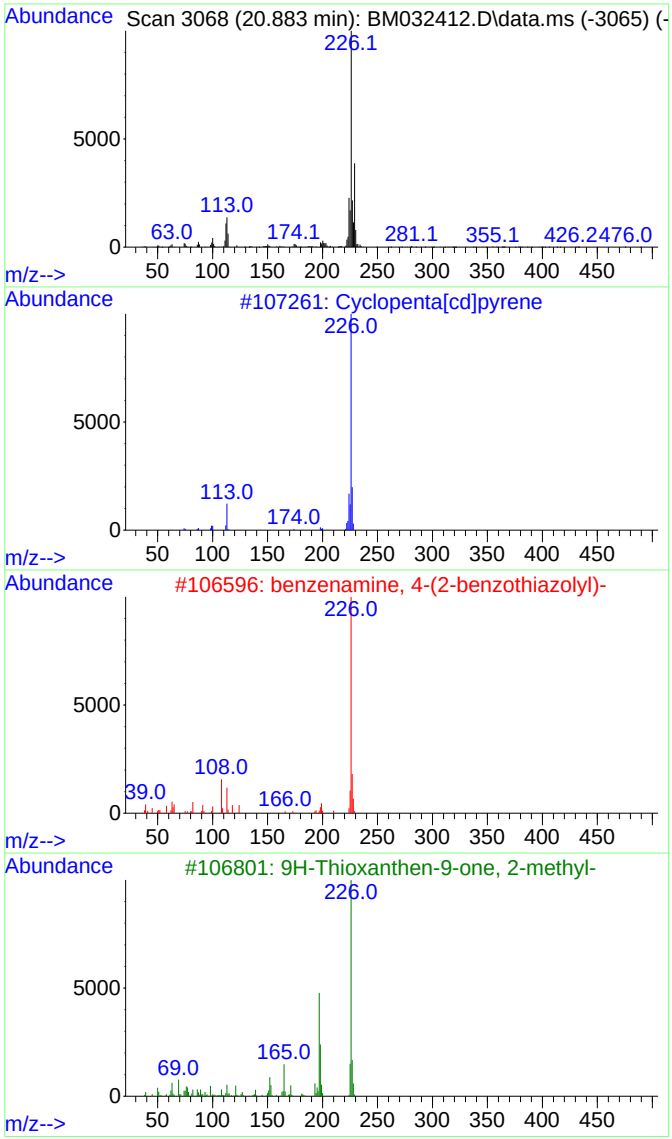
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

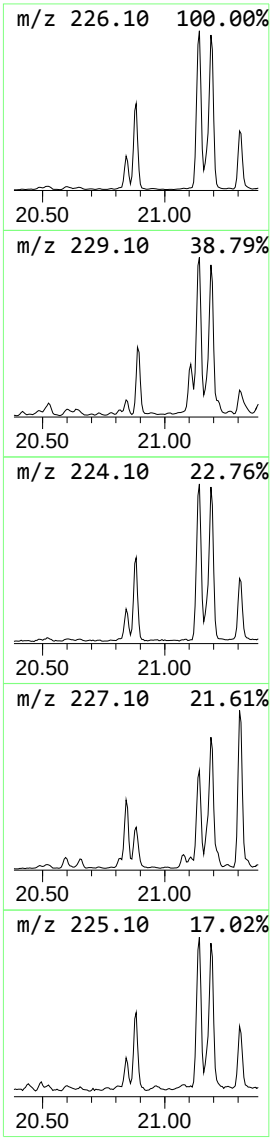
****

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.883	2.16 ng	902205	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	49
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	47





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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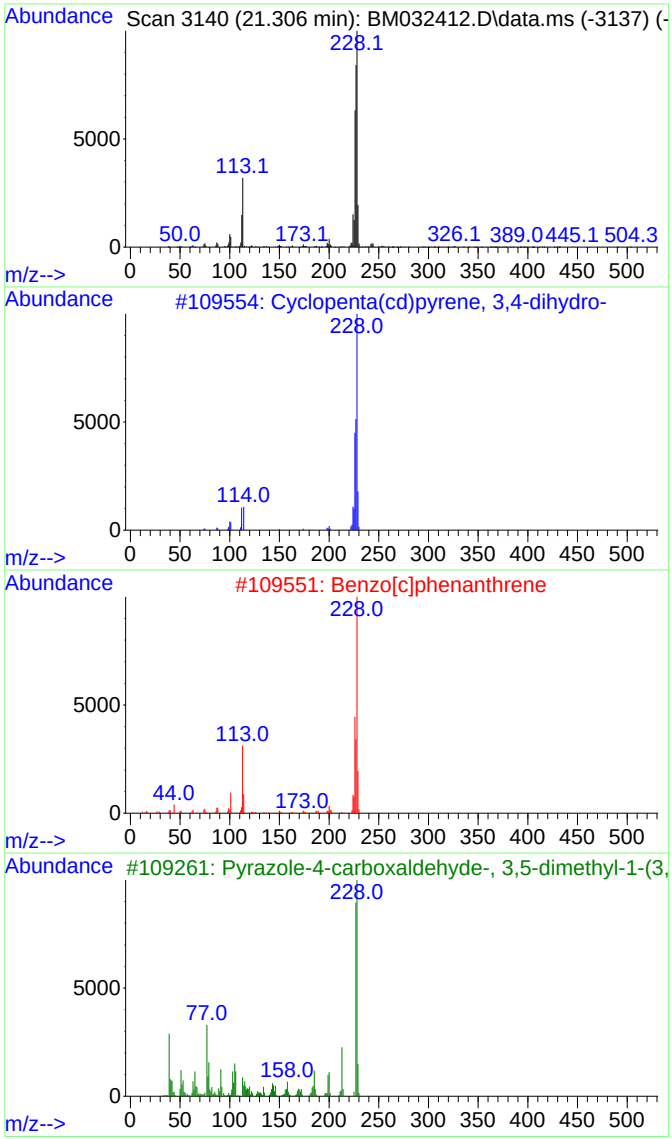
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

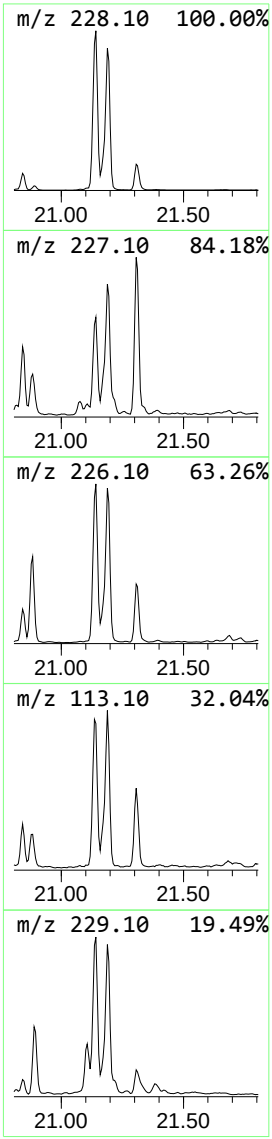
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.306	2.73 ng	1140440	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50





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Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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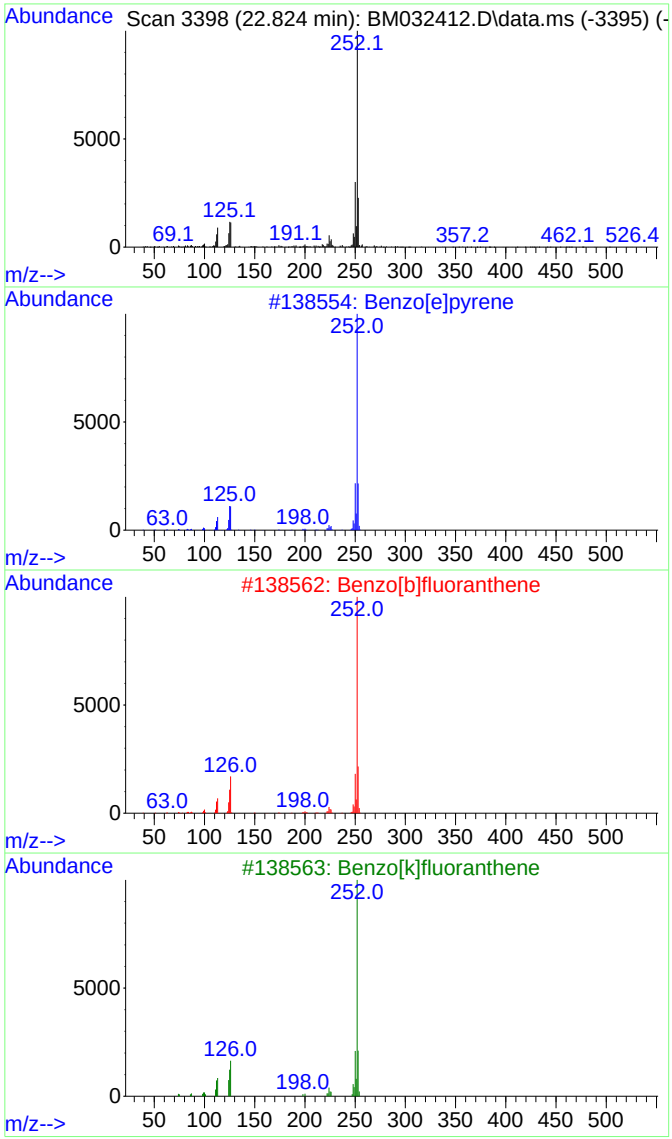
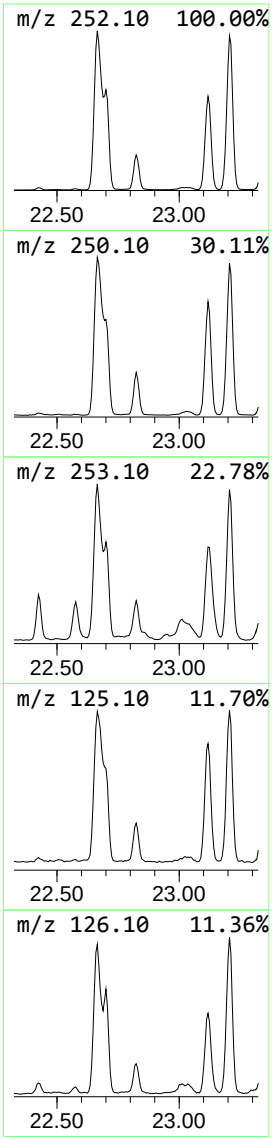
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.824	6.90 ng	994433	Perylene-d12	23.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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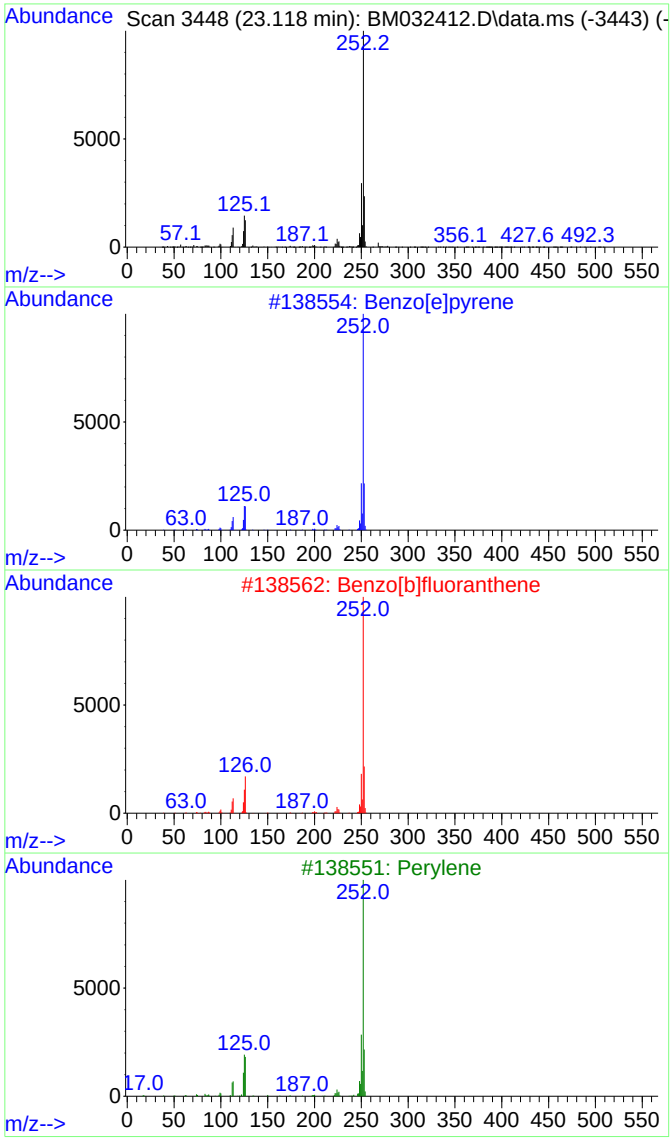
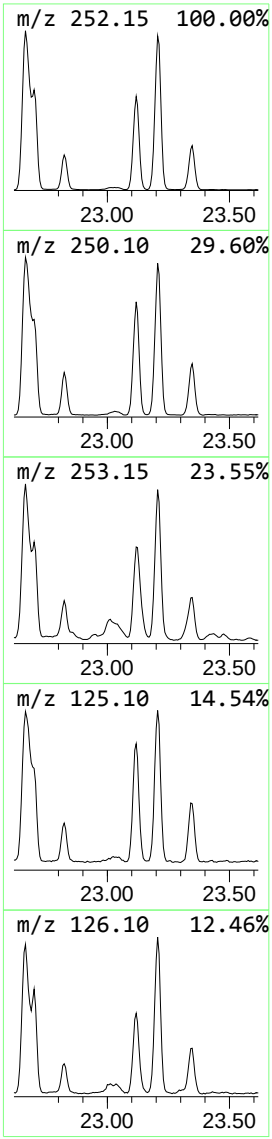
Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.118	22.51 ng	3246690	Perylene-d12	23.300

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032412.D
Acq On : 09 Oct 2021 02:36
Operator : CG/JU
Sample : M4129-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-100721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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
Dibenzothiophene	16.812	3.1	ng	558064	4	16.989	3638400	20.0
Phenanthrene, 2...	17.859	5.2	ng	938423	4	16.989	3638400	20.0
Phenanthrene, 1...	17.906	6.5	ng	1182360	4	16.989	3638400	20.0
1H-Cyclopropa[l...	17.983	2.5	ng	461930	4	16.989	3638400	20.0
4H-Cyclopenta[d...	18.053	11.3	ng	2048590	4	16.989	3638400	20.0
Anthracene, 2-m...	18.089	2.2	ng	395651	4	16.989	3638400	20.0
Naphthalene, 2-...	18.353	3.5	ng	634120	4	16.989	3638400	20.0
Phenanthrene, 2...	18.783	2.6	ng	473910	4	16.989	3638400	20.0
11H-Benzo[a]flu...	19.724	2.5	ng	1023760	5	21.153	8350100	20.0
Pyrene, 1-methyl-	19.895	4.4	ng	1820310	5	21.153	8350100	20.0
11H-Benzo[b]flu...	19.994	3.5	ng	1476310	5	21.153	8350100	20.0
Pyrene, 2-methyl-	20.053	2.2	ng	917299	5	21.153	8350100	20.0
Cyclopenta[cd]p...	20.883	2.2	ng	902205	5	21.153	8350100	20.0
Cyclopenta(cd)p...	21.306	2.7	ng	1140440	5	21.153	8350100	20.0
Benzo[e]pyrene	22.824	6.9	ng	994433	6	23.300	2884190	20.0
Perylene	23.118	22.5	ng	3246690	6	23.300	2884190	20.0