LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036108.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	416	rBV	6539584	9308635	51.18%	4.679%
2	7.039	665	672	686	rVB	6382585	10005054	55.00%	5.029%
3	7.857	802	811	820	rBV	1356432	2159402	11.87%	1.085%
4	9.033	1002	1011	1018	rBV	3944599	6452595	35.47%	3.243%
5	10.663	1276	1288	1294	rBV	1945944	3290865	18.09%	1.654%
6	10.716	1294	1297	1302	rVB	151038	224099	1.23%	0.113%
7	12.327	1562	1571	1579	rBV2	113115	254794	1.40%	0.128%
8	13.133	1700	1708	1717	rBV	10058173	14957392	82.23%	7.518%
9	14.221	1887	1893	1901	rBV	558953	854196	4.70%	0.429%
10	14.498	1930	1940	1946	rBV	2946901	4332987	23.82%	2.178%
11	14.563	1946	1951	1959	rVB	332712	516498	2.84%	0.260%
12	14.898	2003	2008	2016	rVB	230804	353473	1.94%	0.178%
13	15.545	2112	2118	2129	rVB	352465	589950	3.24%	0.297%
14	15.992	2185	2194	2201	rBV	8273537	11974910	65.83%	6.019%
15	16.221	2227	2233	2239	rBV4	172924	362447	1.99%	0.182%
16	16.898	2344	2348	2354	rVB	240533	359644	1.98%	0.181%
17	17.056	2371	2375	2384	rVB	280296	475388	2.61%	0.239%
18	17.245	2401	2407	2410	rBV	3474213	4869793	26.77%	2.448%
19	17.286	2410	2414	2420	rVV	5261246	7091690	38.99%	3.565%
20	17.374	2424	2429	2434	rVV	1356033	1857698	10.21%	0.934%
21	17.433	2434	2439	2444	rVV3	132506	252041	1.39%	0.127%
22	17.645	2472	2475	2486	rVB	448921	665360	3.66%	0.334%
23	17.762	2493	2495	2501	rVB2	158447	208381	1.15%	0.105%
24	17.821	2502	2505	2513	rVB3	163098	255748	1.41%	0.129%
25	18.121	2551	2556	2558	rBV	755678	1111209	6.11%	0.559%
26	18.145	2558	2560	2561	rVV	915283	854520	4.70%	0.430%
27	18.168	2561	2564	2569	rVB	1106712	1553350	8.54%	0.781%
28	18.245	2574	2577	2583	rVV	417654	625128	3.44%	0.314%
29	18.315	2583	2589	2592	rVV2	1200668	2121731	11.66%	1.066%
30	18.351	2592	2595	2601	rVB	602140	790566	4.35%	0.397%
31	18.433	2606	2609	2612	rVB3	174448	195975	1.08%	0.099%
32	18.621	2637	2641	2644	rBV	675046	813979	4.48%	0.409%
33	18.662	2644	2648	2654	rVB	620831	827522	4.55%	0.416%
34	18.862	2680	2682	2687	rVV2	197426	226802	1.25%	0.114%
35	18.915	2688	2691	2694	rVV	222808	269219	1.48%	0.135%
36	18.956	2694	2698	2701	rVB	223865	287389	1.58%	0.144%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.033	2707	2711	2715	rBV	565980	961687	5.29%	0.483%
38	19.180	2731	2736	2743	rBV	541184	929726	5.11%	0.467%
39	19.303	2751	2757	2763	rVB	10339671	13571496	74.61%	6.822%
40	19.397	2770	2773	2778	rBV3	226819	332925	1.83%	0.167%
41	19.450	2779	2782	2786	rVB	341589	399110	2.19%	0.201%
42	19.545	2795	2798	2801	rVB	210068	232944	1.28%	0.117%
43	19.662	2814	2818	2826	rVB	8974867	12656804	69.58%	6.362%
44	19.733	2826	2830	2836	rVB2	486965	731213	4.02%	0.368%
45	19.868	2845	2853	2858	rBV	14228793	18189395	100.00%	9.143%
46	19.986	2868	2873	2880	rBV3	637774	1483940	8.16%	0.746%
47	20.121	2891	2896	2898	rBV4	522409	916734	5.04%	0.461%
48	20.156	2898	2902	2909	rVB2	1221882	2027170	11.14%	1.019%
49	20.256	2916	2919	2923	rBV	627216	702829	3.86%	0.353%
50	20.315	2924	2929	2933	rVB2	880120	1283428	7.06%	0.645%
51	20.456	2949	2953	2956	rBV	533061	677532	3.72%	0.341%
52	20.497	2957	2960	2964	rVB	545877	706713	3.89%	0.355%
53	20.903	3025	3029	3036	rVB	858297	1221623	6.72%	0.614%
54	21.109	3061	3064	3066	rBV	662211	739861	4.07%	0.372%
55	21.139	3066	3069	3075	rVV3	2950182	4095833	22.52%	2.059%
56	21.197	3076	3079	3084	rVB2	802830	1044005	5.74%	0.525%
57	21.409	3110	3115	3121	rBV3	5713952	11425123	62.81%	5.743%
58	21.462	3121	3124	3134	rVB	4357838	5659705	31.12%	2.845%
59	21.580	3141	3144	3150	rBV	722533	957897	5.27%	0.481%
60	23.074	3391	3398	3403	rBV	3529756	8560797	47.06%	4.303%
61	23.250	3425	3428	3435	rVB	688645	1083780	5.96%	0.545%
62	23.580	3479	3484	3493	rVB	2011769	3961171	21.78%	1.991%
63	23.685	3496	3502	3509	rVB	3009866	5740920	31.56%	2.886%
64	23.785	3514	3519	3525	rBV2	1471656	2833433	15.58%	1.424%
65	26.244	3931	3937	3950	rVB2	1464036	4470332	24.58%	2.247%

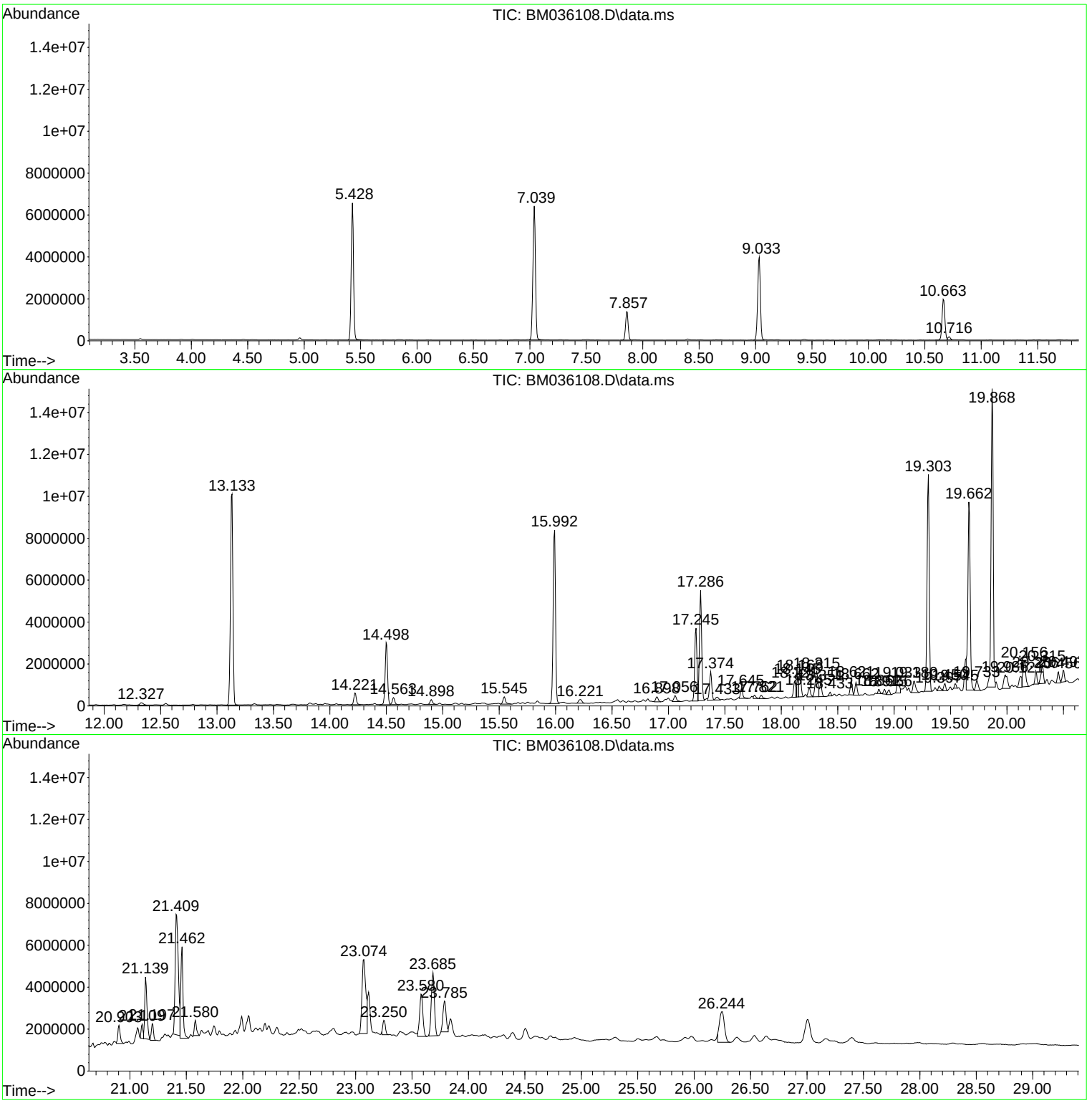
Sum of corrected areas: 198948556

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

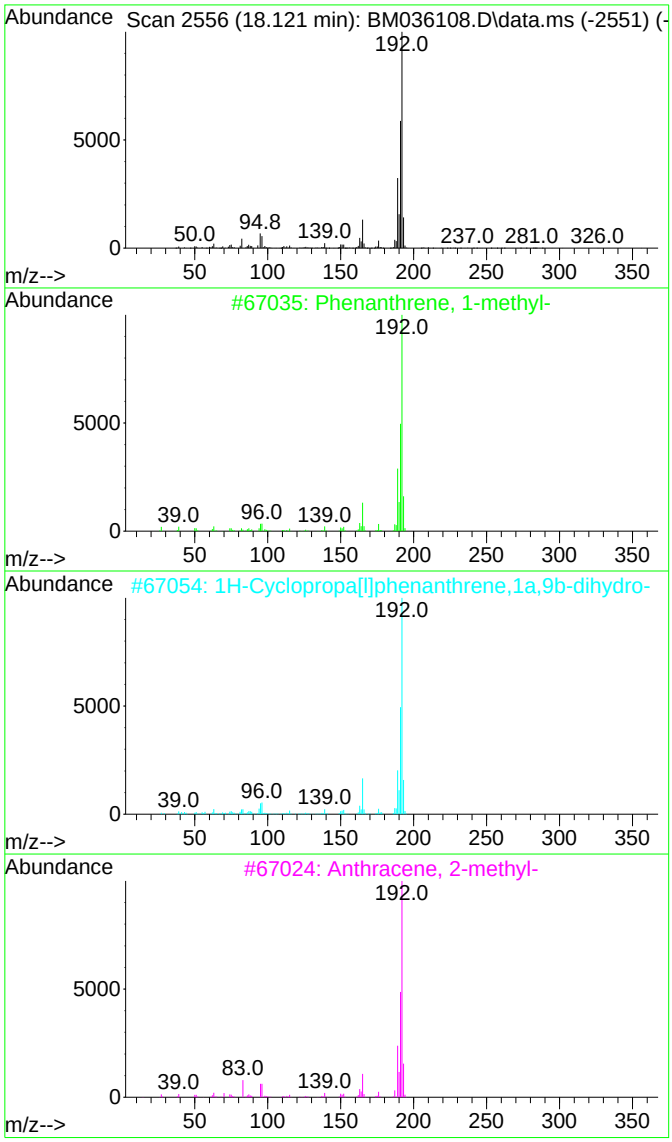
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

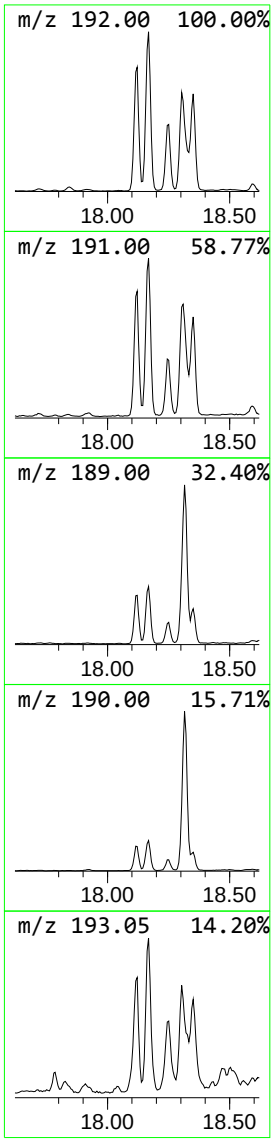
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	4.56 ng	1111210	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

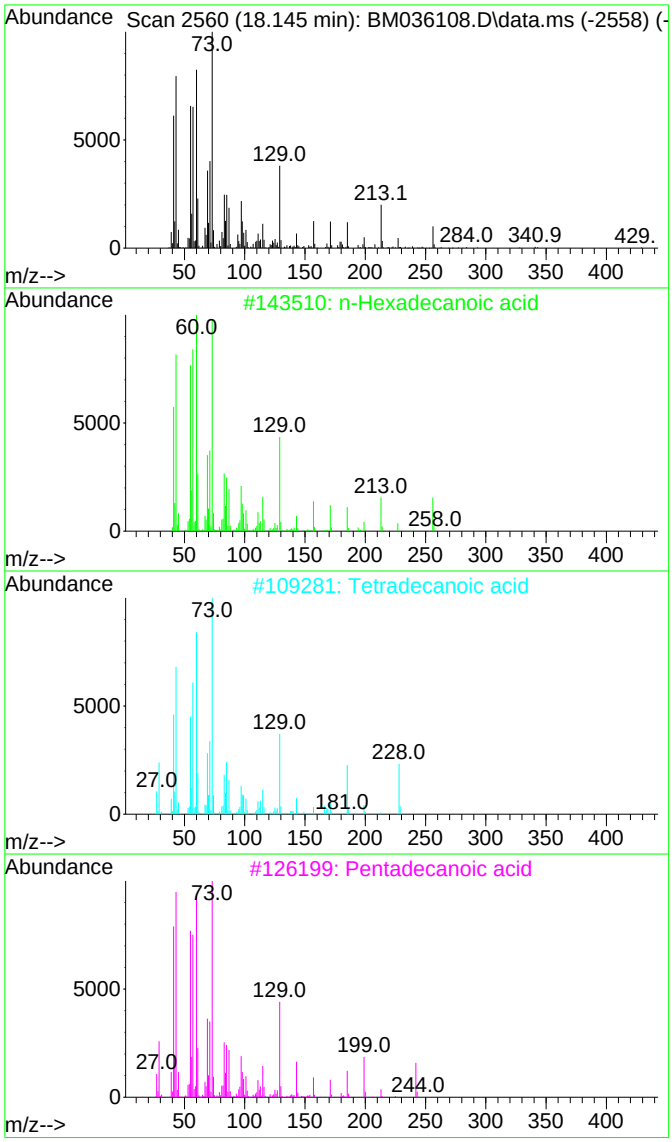
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

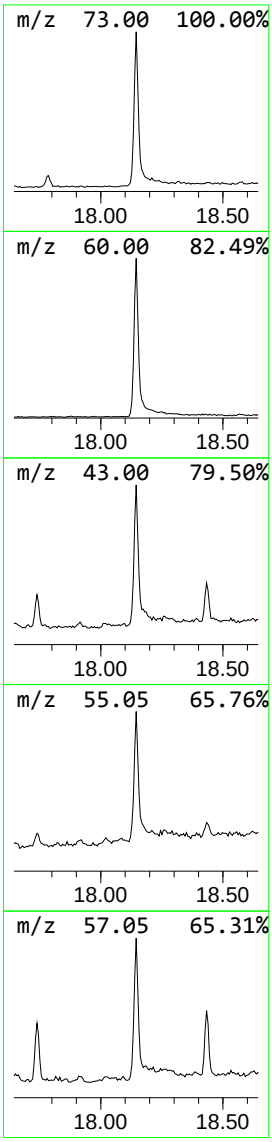
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	3.51 ng	854520	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

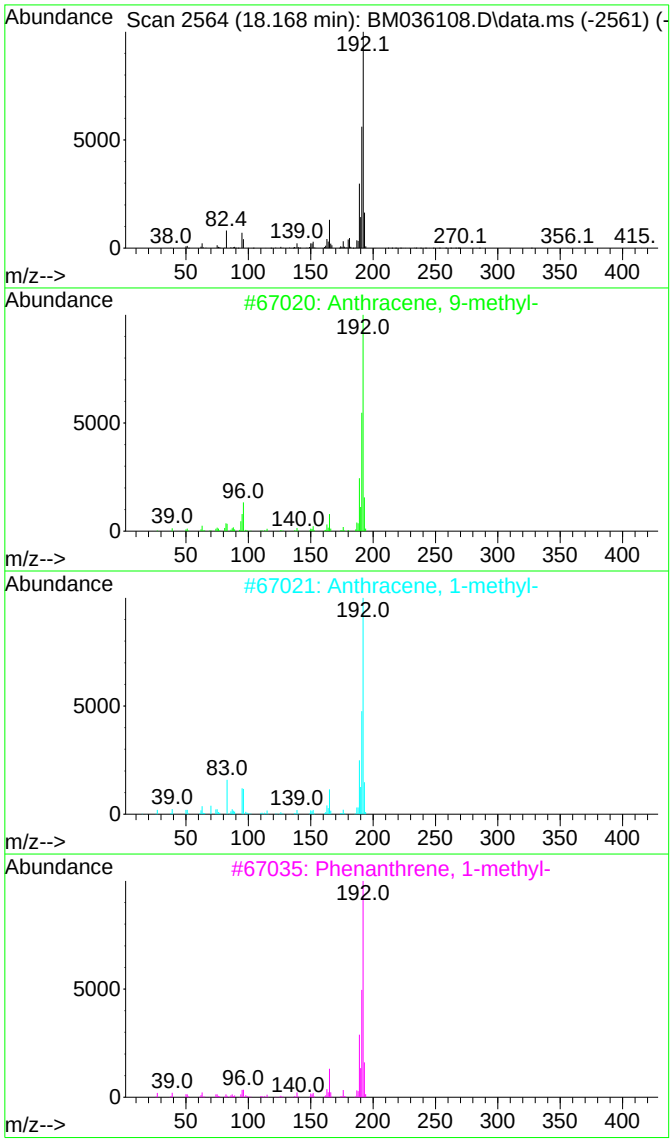
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

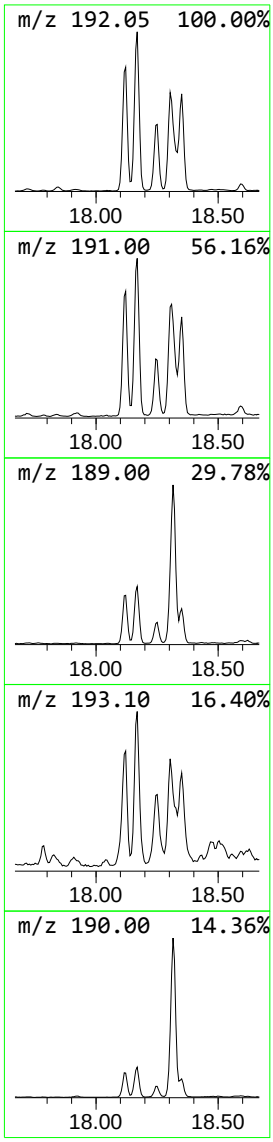
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	6.38 ng	1553350	Phenanthrene-d10	17.245

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

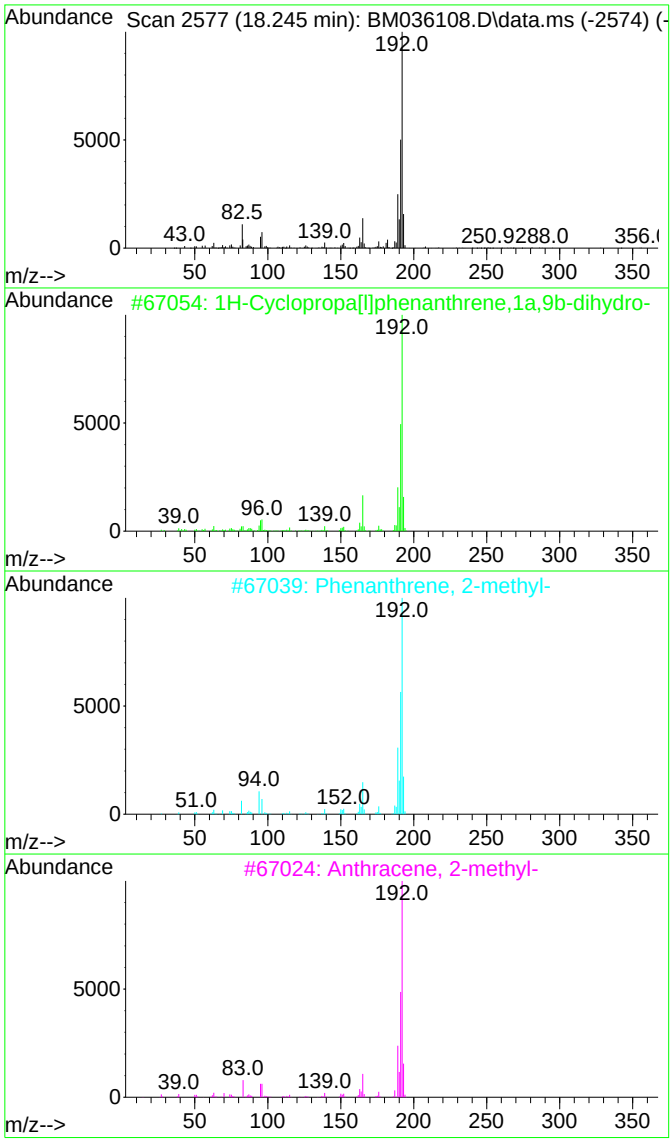
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

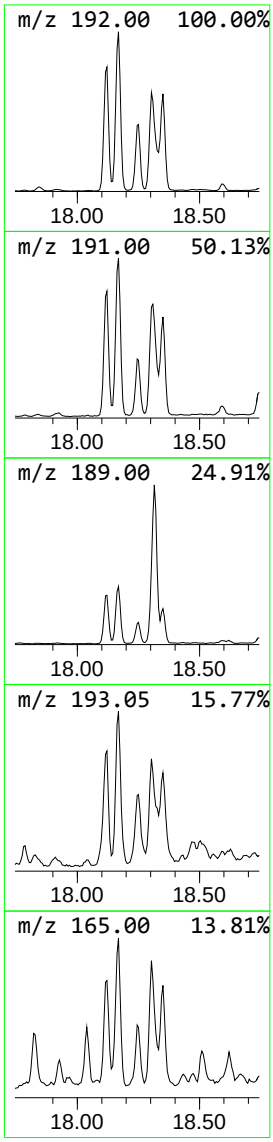
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	2.57 ng	625128	Phenanthrene-d10	17.245

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	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

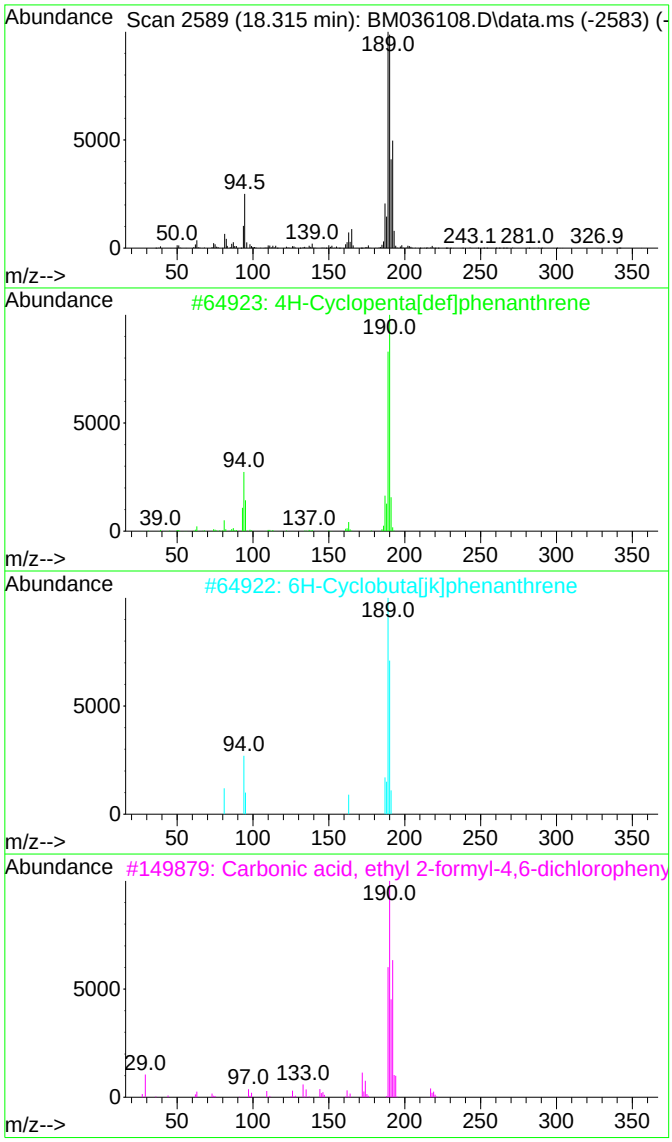
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

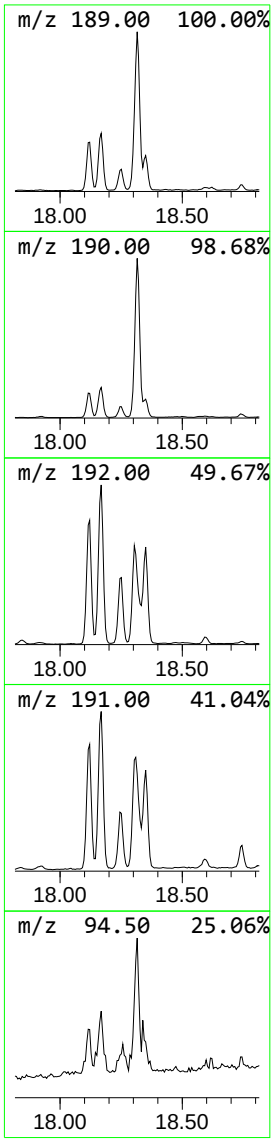
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.315	8.71 ng	2121730	Phenanthrene-d10	17.245

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	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Data File : BM036108.D
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Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

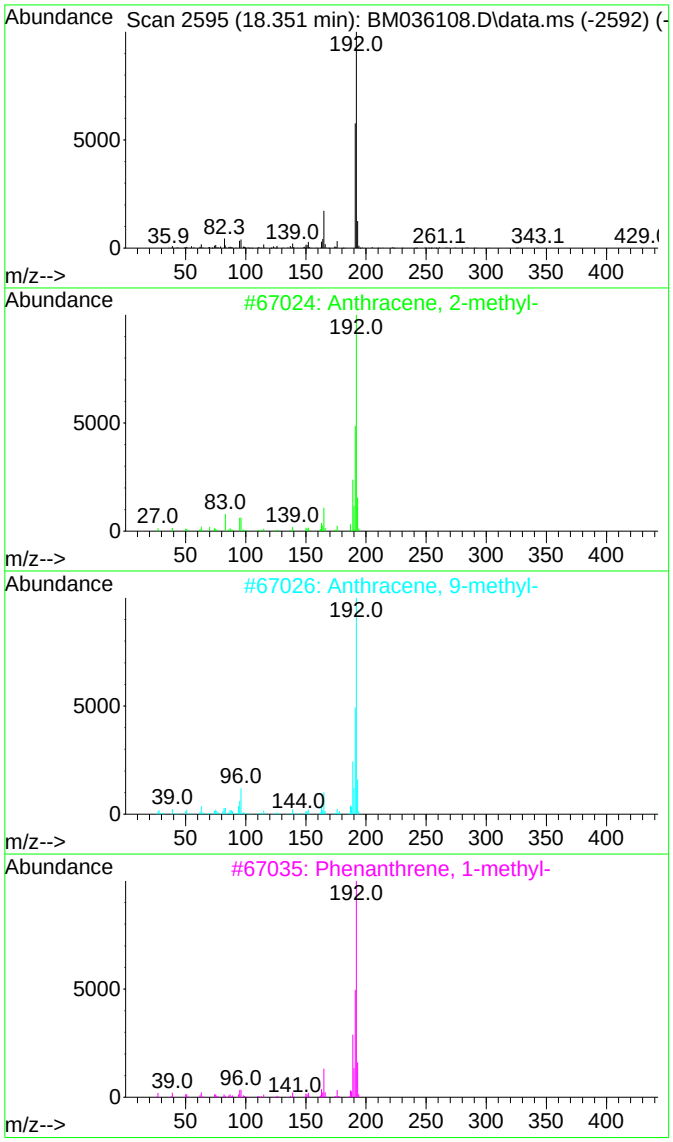
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

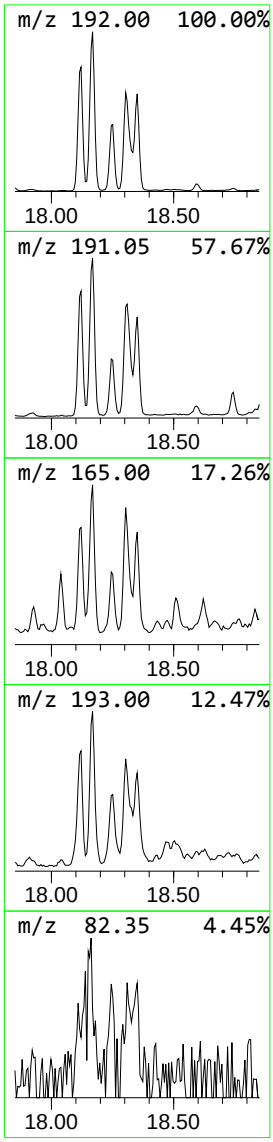
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	3.25 ng	790566	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

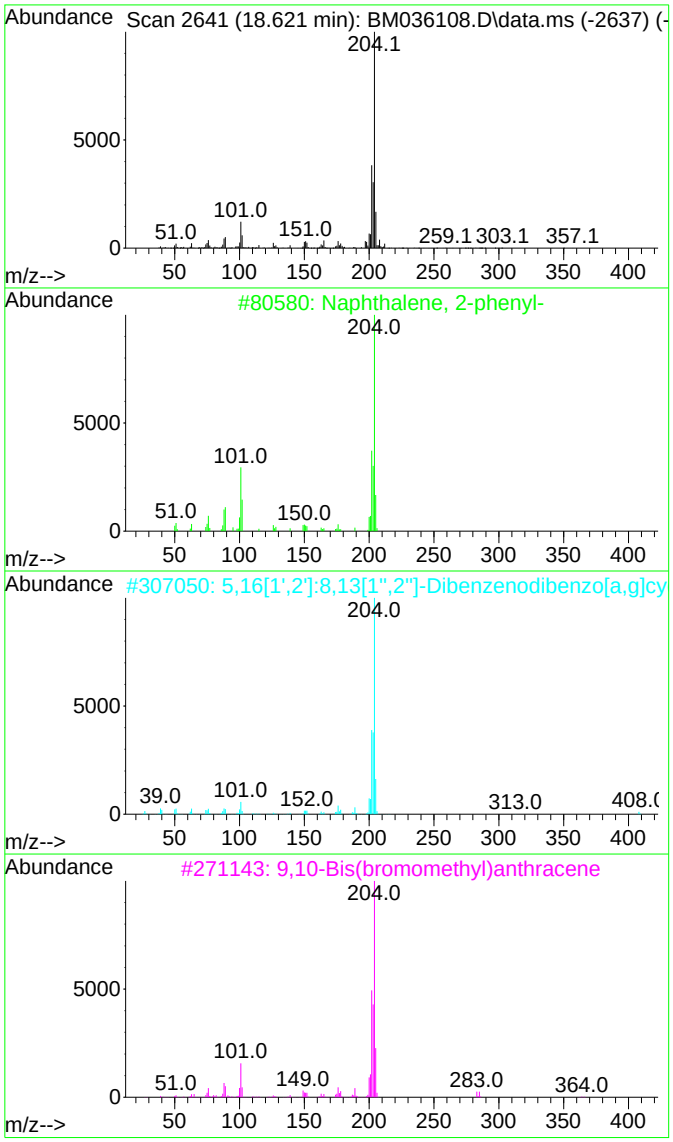
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

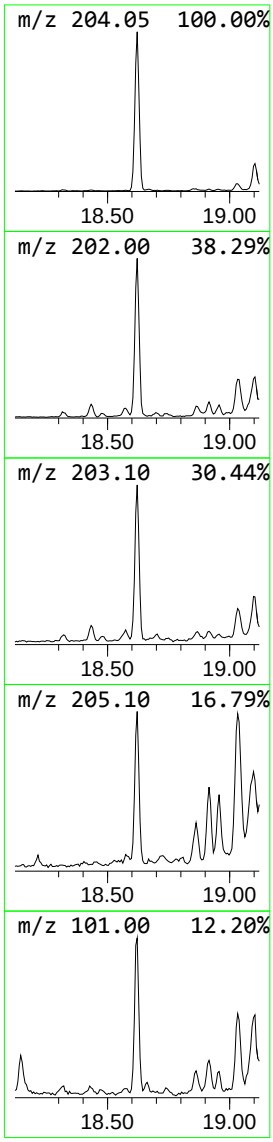
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.621	3.34 ng	813979	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Data File : BM036108.D
Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

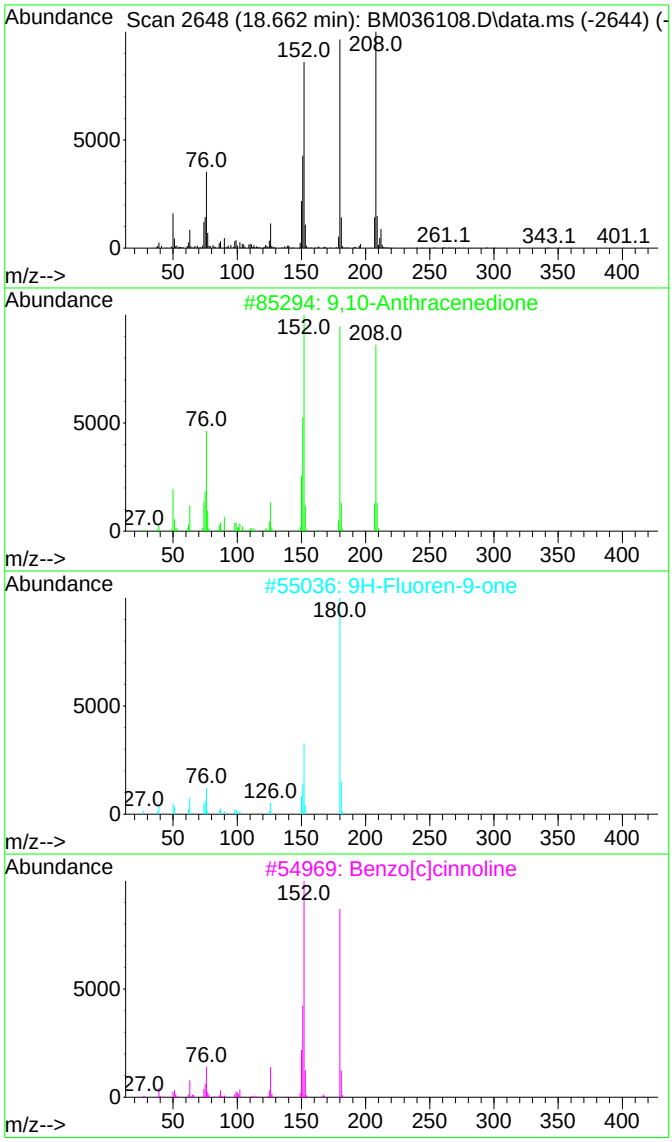
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

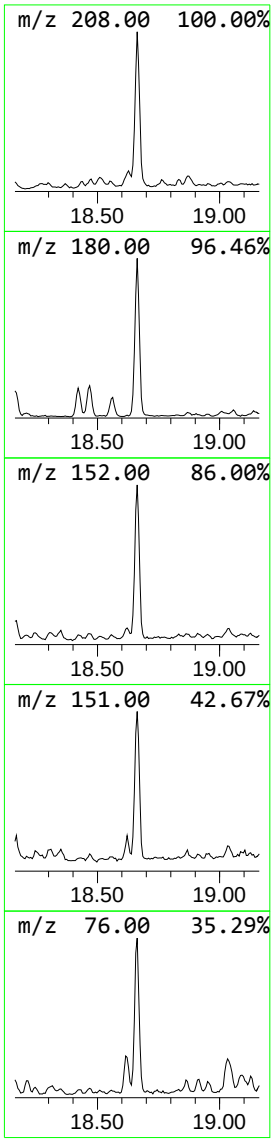
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.662	3.40 ng	827522	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

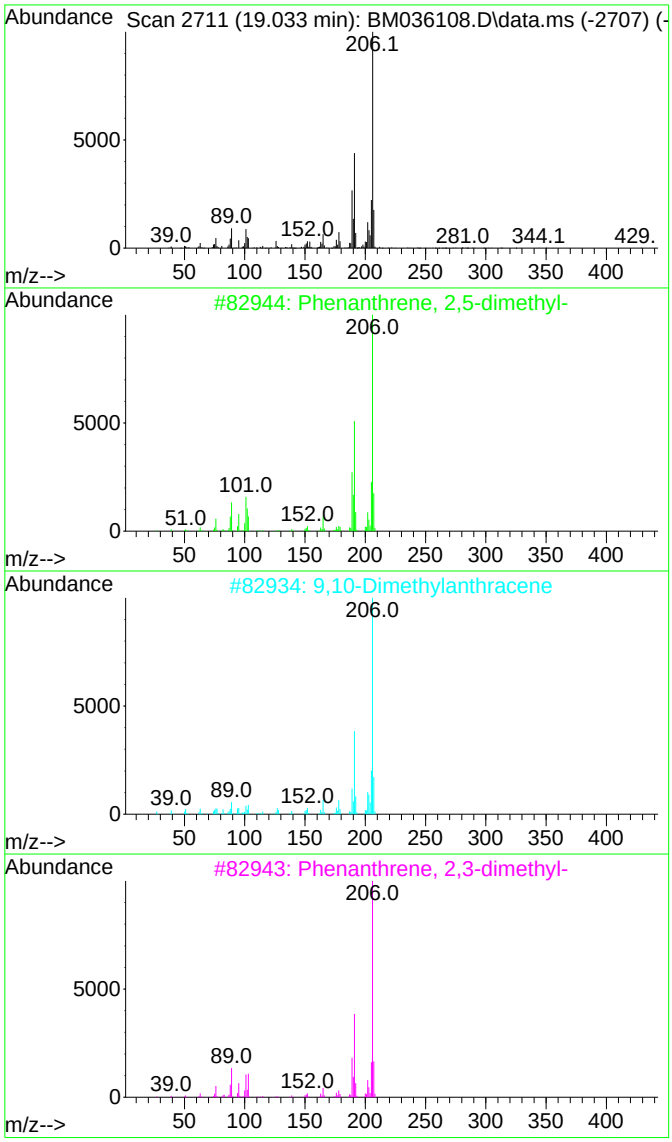
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

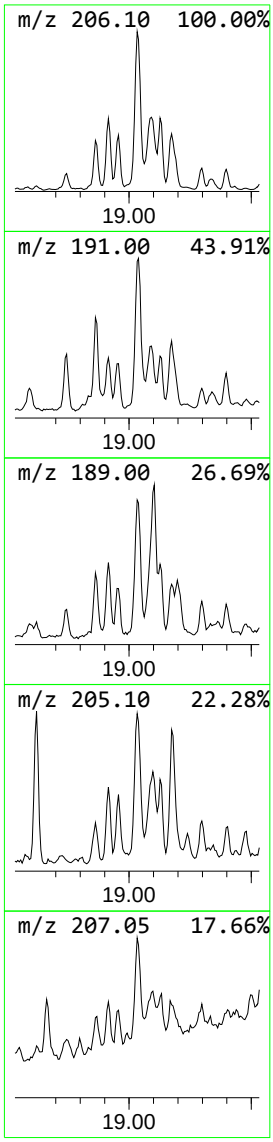
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	3.95 ng	961687	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Acq On : 04 Aug 2022 20:58
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Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

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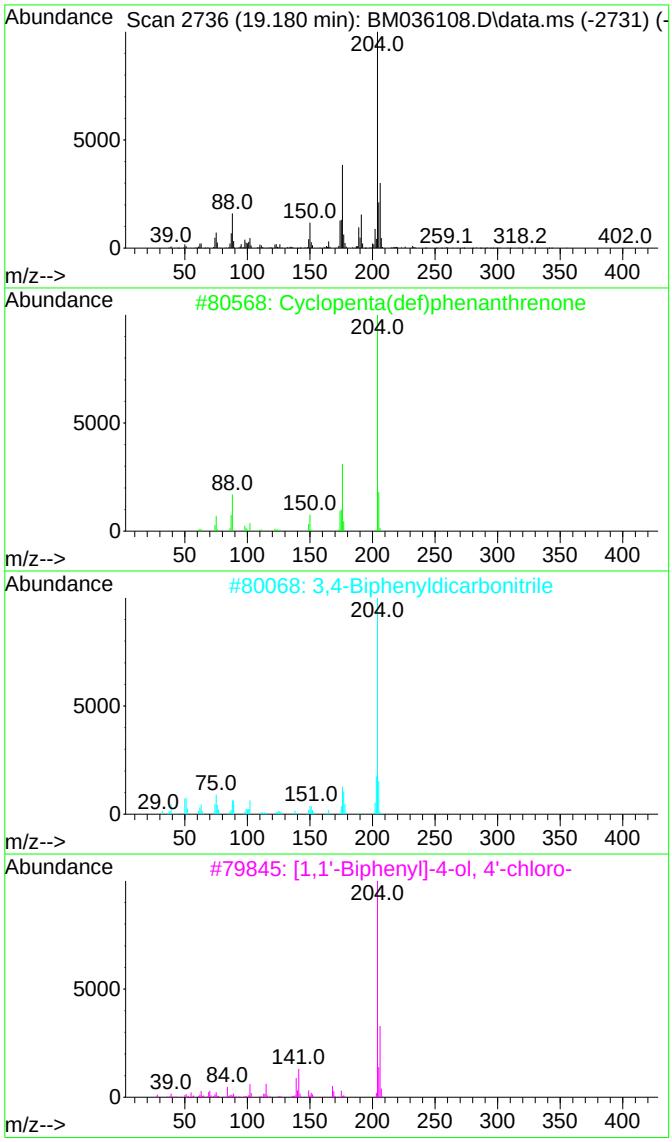
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

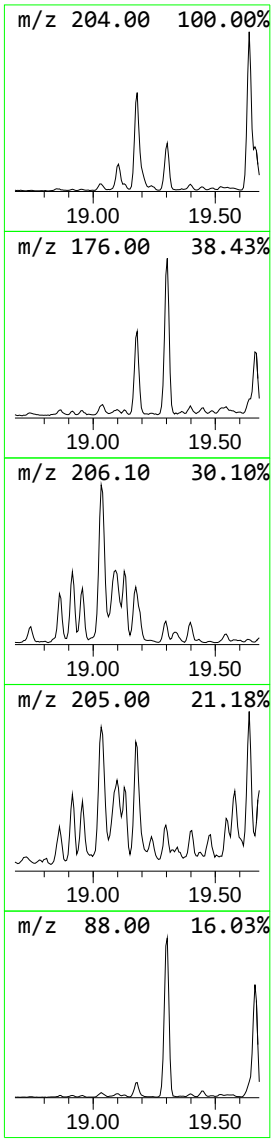
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	3.82 ng	929726	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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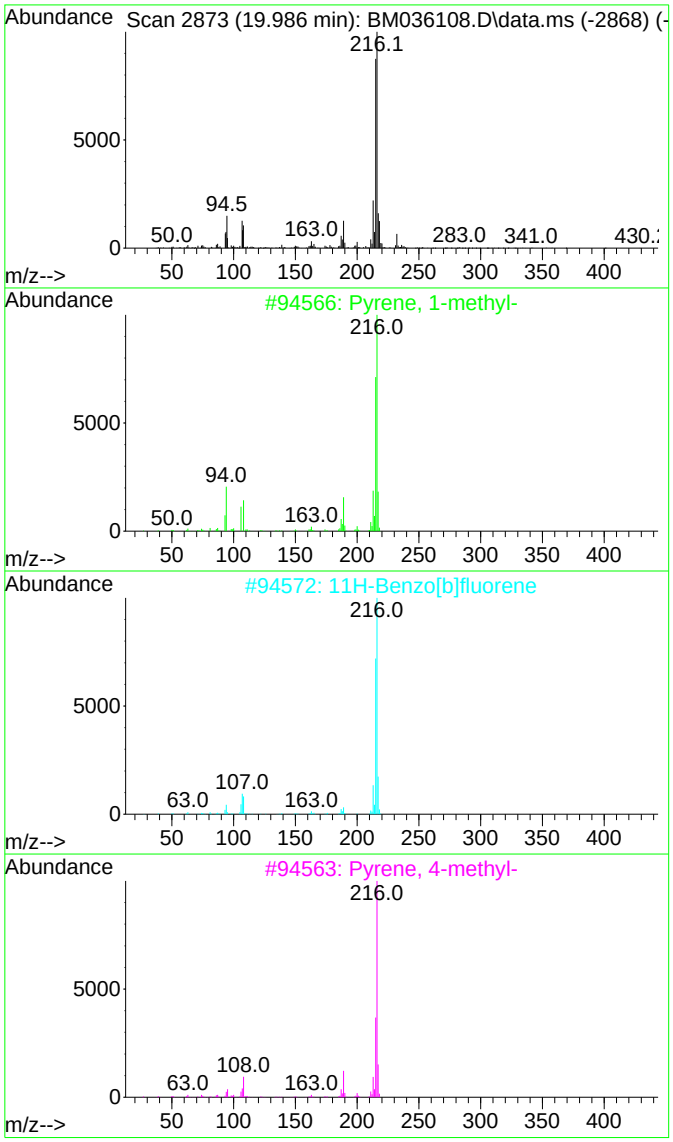
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

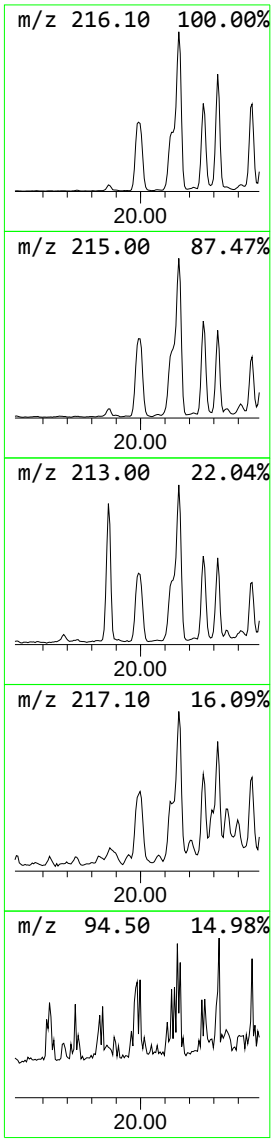
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	2.60 ng	1483940	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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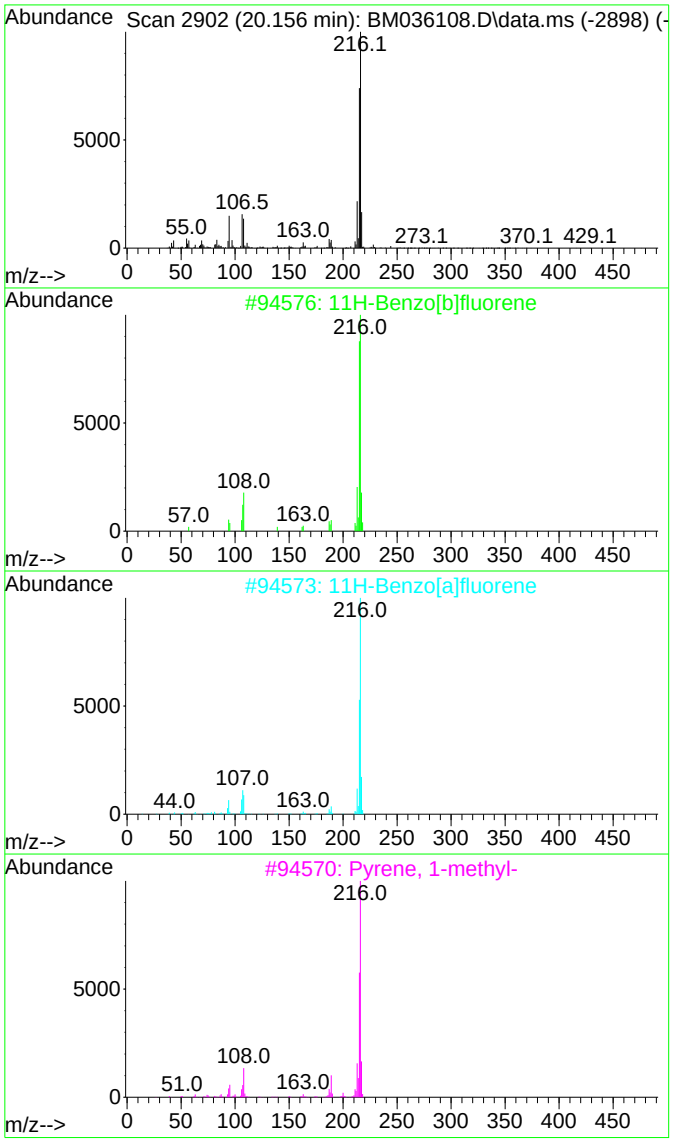
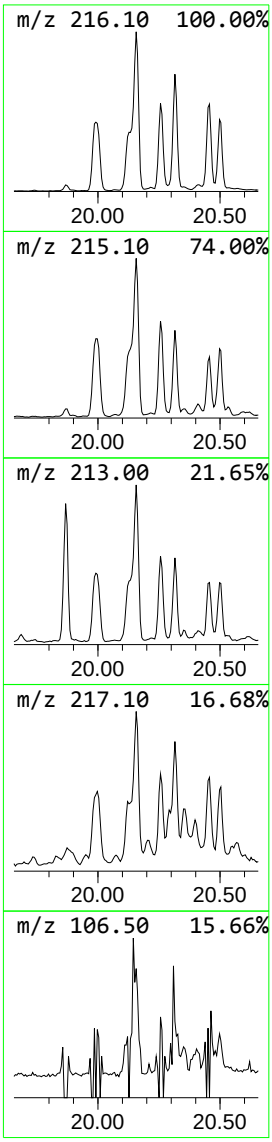
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.156	3.55 ng	2027170	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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Acq On : 04 Aug 2022 20:58
Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

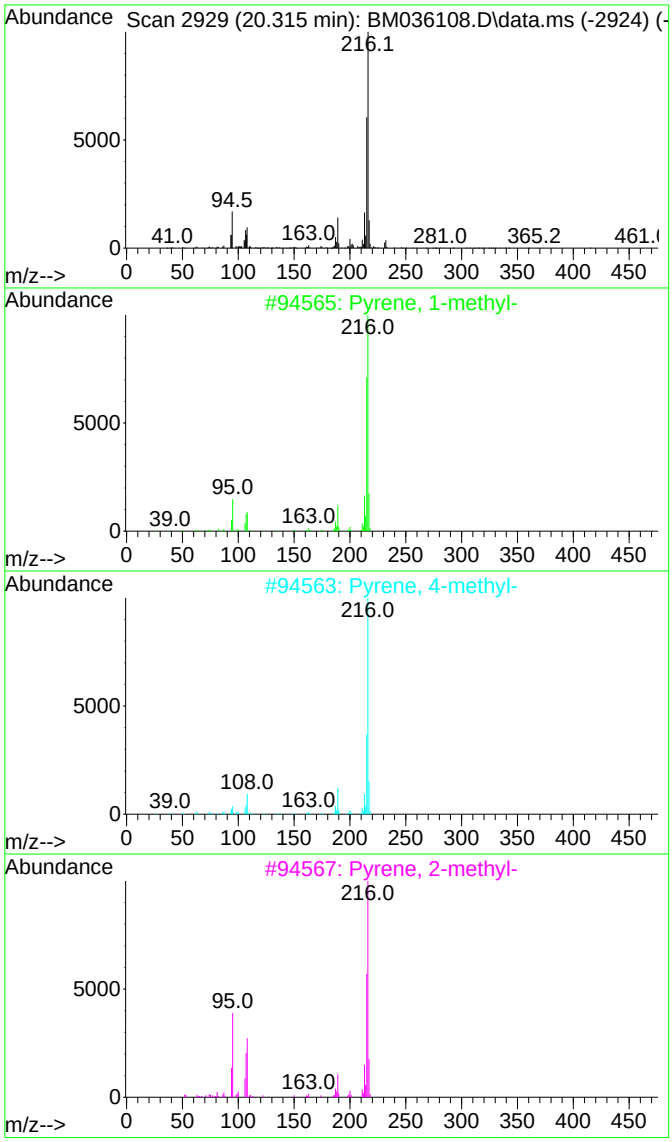
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

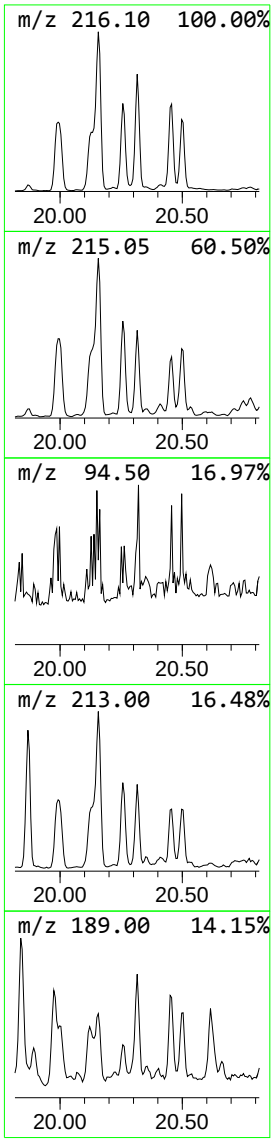
****

Peak Number 13 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.315	2.25 ng	1283430	Chrysene-d12	21.427

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	92
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Operator : CG/JU
Sample : N4023-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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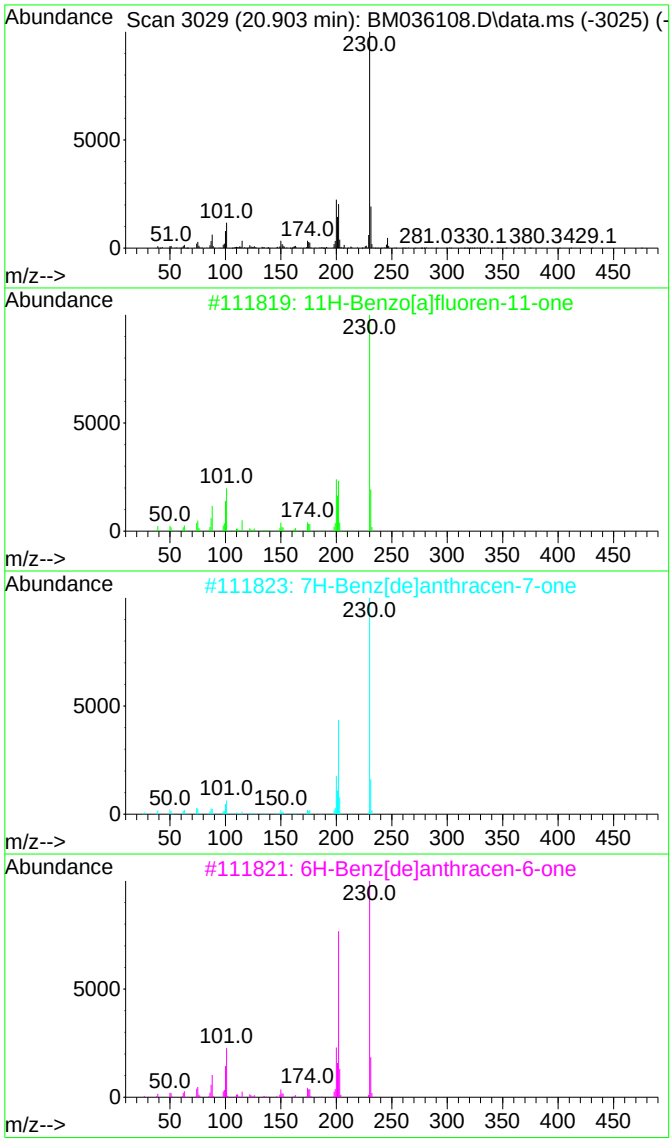
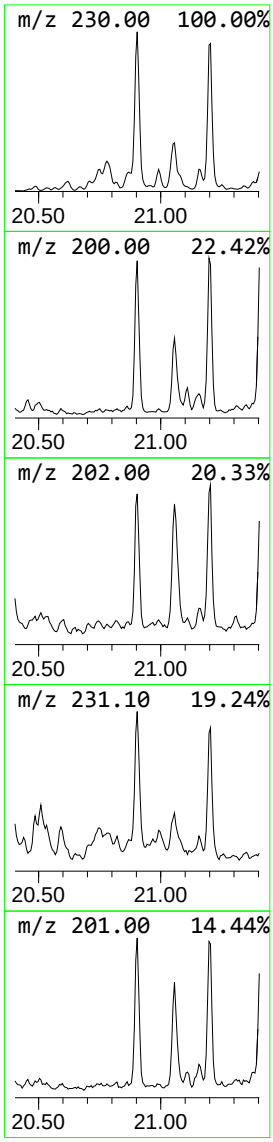
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.903	2.14 ng	1221620	Chrysene-d12	21.427

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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	64





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Operator : CG/JU
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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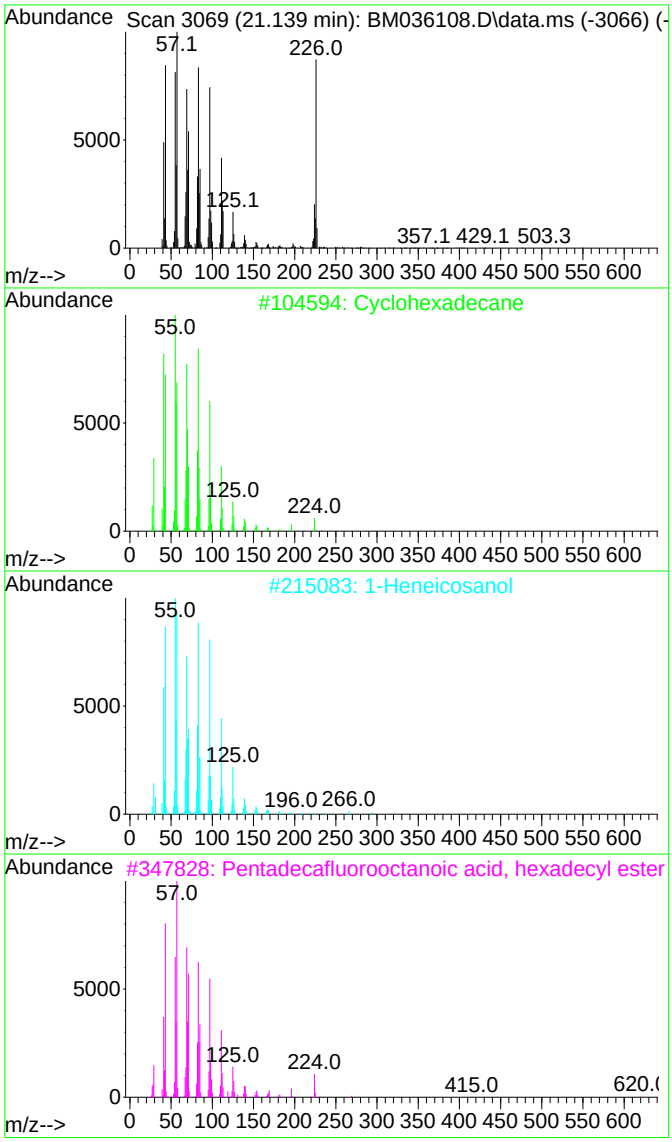
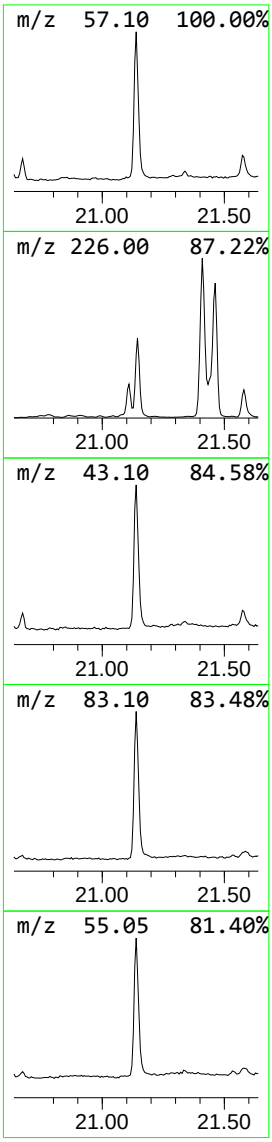
Peak Number 15 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	7.17 ng	4095830	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	92
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	89





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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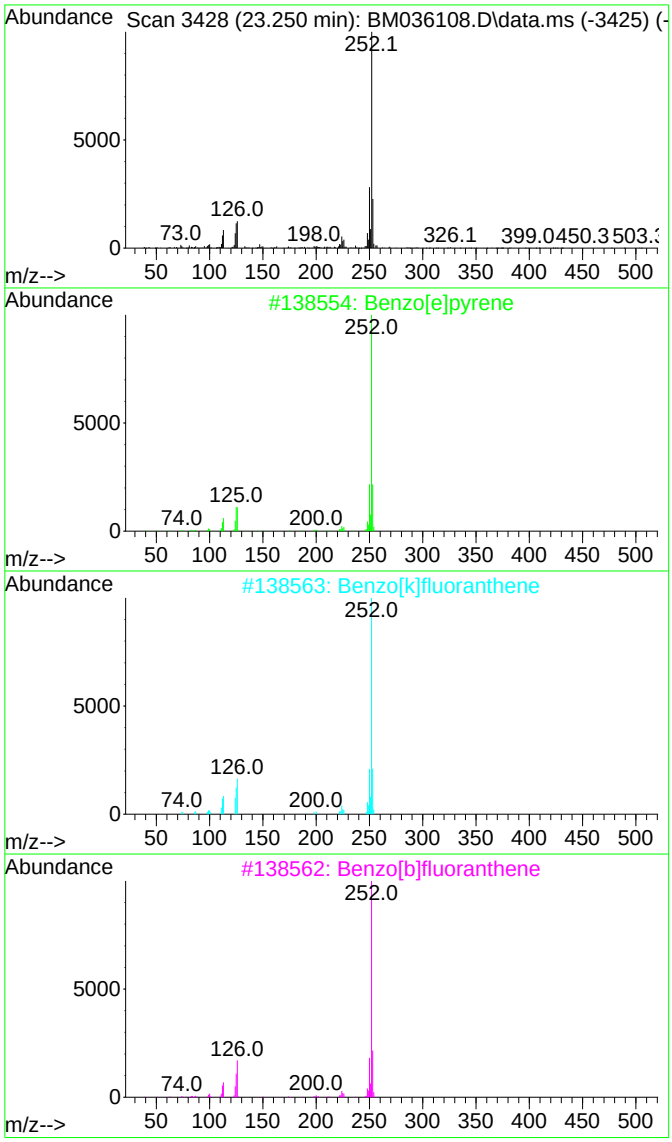
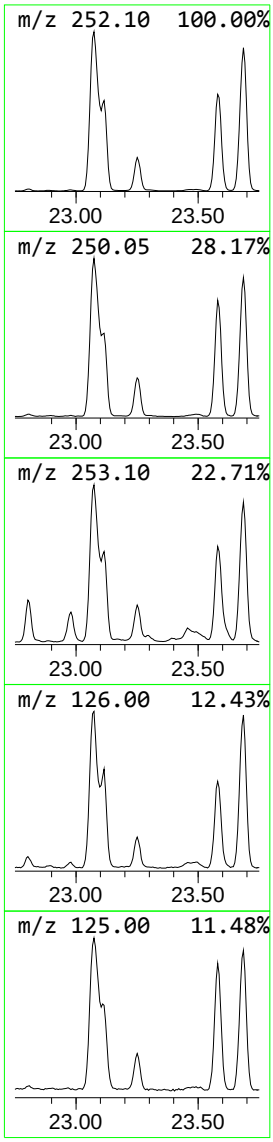
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.250	7.65 ng	1083780	Perylene-d12	23.785

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	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
TP1-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

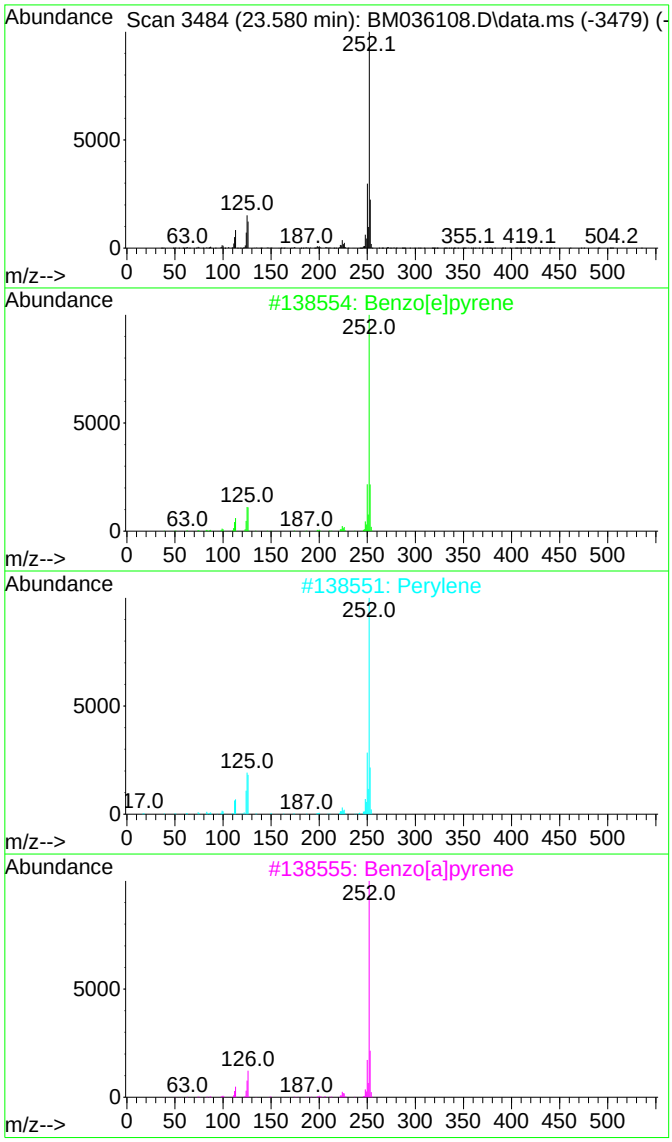
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

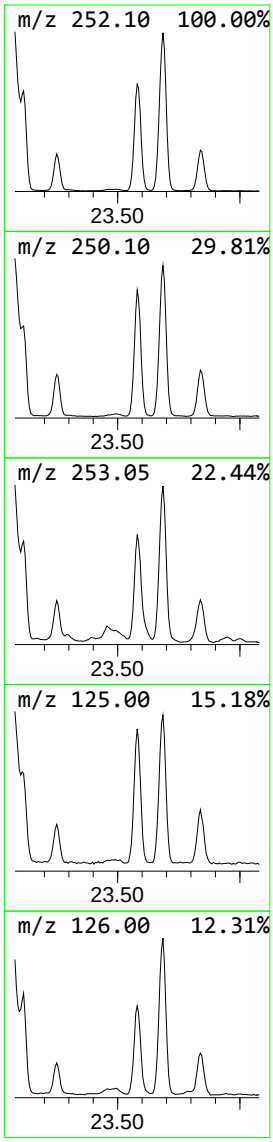
****

Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.580	27.96 ng	3961170	Perylene-d12	23.785

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





Tentatively Identified Compound (LSC) summary

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Data File : BM036108.D
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Operator : CG/JU
Sample : N4023-01
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ClientSampleId :
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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
Phenanthrene, 1...	18.121	4.6	ng	1111210	4	17.245	4869790	20.0
n-Hexadecanoic ...	18.145	3.5	ng	854520	4	17.245	4869790	20.0
Anthracene, 9-m...	18.168	6.4	ng	1553350	4	17.245	4869790	20.0
1H-Cyclopropa[l...	18.245	2.6	ng	625128	4	17.245	4869790	20.0
4H-Cyclopenta[d...	18.315	8.7	ng	2121730	4	17.245	4869790	20.0
Anthracene, 2-m...	18.351	3.3	ng	790566	4	17.245	4869790	20.0
Naphthalene, 2-...	18.621	3.3	ng	813979	4	17.245	4869790	20.0
9,10-Anthracene...	18.662	3.4	ng	827522	4	17.245	4869790	20.0
Phenanthrene, 2...	19.033	4.0	ng	961687	4	17.245	4869790	20.0
Cyclopenta(def)...	19.180	3.8	ng	929726	4	17.245	4869790	20.0
Pyrene, 1-methyl-	19.986	2.6	ng	1483940	5	21.427	11425100	20.0
11H-Benzo[b]flu...	20.156	3.5	ng	2027170	5	21.427	11425100	20.0
Pyrene, 4-methyl-	20.315	2.3	ng	1283430	5	21.427	11425100	20.0
11H-Benzo[a]flu...	20.903	2.1	ng	1221620	5	21.427	11425100	20.0
Cyclohexadecane	21.139	7.2	ng	4095830	5	21.427	11425100	20.0
Benzo[e]pyrene	23.250	7.7	ng	1083780	6	23.785	2833430	20.0
Perylene	23.580	28.0	ng	3961170	6	23.785	2833430	20.0