LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-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-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005221.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	369	375	382	rBV	309102	447448	52.09%	4.155%
2	6.875	635	644	658	rBV	297955	465694	54.21%	4.325%
3	7.693	776	783	792	rVB2	71490	115250	13.42%	1.070%
4	8.851	971	980	987	rBV	173690	286225	33.32%	2.658%
5	10.481	1249	1257	1263	rBV	86703	146876	17.10%	1.364%
6	12.963	1672	1679	1691	rBV	402798	589268	68.60%	5.473%
7	13.804	1815	1822	1832	rBV4	13306	24279	2.83%	0.225%
8	14.069	1860	1867	1875	rBV	39850	62939	7.33%	0.585%
9	14.345	1907	1914	1921	rBV	121910	182356	21.23%	1.694%
10	15.404	2090	2094	2105	rVB3	5770	12332	1.44%	0.115%
11	15.845	2159	2169	2180	rBV	304067	454529	52.91%	4.221%
12	16.081	2203	2209	2214	rBV8	6124	12840	1.49%	0.119%
13	16.416	2258	2266	2270	rBV10	5236	11494	1.34%	0.107%
14	16.763	2321	2325	2332	rVB6	4829	9481	1.10%	0.088%
15	16.928	2349	2353	2361	rVB3	6358	11173	1.30%	0.104%
16	17.110	2377	2384	2387	rBV	150665	221372	25.77%	2.056%
17	17.151	2387	2391	2398	rVV	126778	177382	20.65%	1.647%
18	17.239	2402	2406	2412	rVB	29783	42453	4.94%	0.394%
19	17.292	2412	2415	2423	rBV7	5403	11592	1.35%	0.108%
20	17.516	2444	2453	2457	rBV	13214	25905	3.02%	0.241%
21	17.633	2467	2473	2478	rBV5	6615	11492	1.34%	0.107%
22	17.692	2479	2483	2490	rVB7	6979	11769	1.37%	0.109%
23	17.980	2528	2532	2534	rBV2	26292	37996	4.42%	0.353%
24	18.010	2534	2537	2549	rVV2	95738	174263	20.29%	1.618%
25	18.110	2550	2554	2558	rVV2	11708	19293	2.25%	0.179%
26	18.169	2558	2564	2568	rVV2	46634	84724	9.86%	0.787%
27	18.204	2568	2570	2577	rVB	23649	28598	3.33%	0.266%
28	18.469	2611	2615	2618	rBV2	21093	26661	3.10%	0.248%
29	18.510	2618	2622	2627	rVB	31556	41341	4.81%	0.384%
30	18.710	2652	2656	2659	rBV5	6820	9062	1.05%	0.084%
31	18.792	2668	2670	2675	rVB3	7893	8963	1.04%	0.083%
32	18.875	2675	2684	2689	rBV3	24081	48376	5.63%	0.449%
33	18.939	2689	2695	2697	rVV6	10825	22630	2.63%	0.210%
34	18.963	2697	2699	2702	rVB3	9133	9616	1.12%	0.089%
35	19.010	2702	2707	2715	rBV2	22913	39477	4.60%	0.367%
36	19.133	2721	2728	2733	rBV	388083	510864	59.47%	4.744%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-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-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.192	2735	2738	2741	rBV4	8635	10475	1.22%	0.097%
38	19.245	2741	2747	2750	rBV5	42604	61007	7.10%	0.567%
39	19.274	2750	2752	2757	rVB	37830	42672	4.97%	0.396%
40	19.322	2757	2760	2764	rBV3	8824	12382	1.44%	0.115%
41	19.451	2778	2782	2783	rBV2	48181	52617	6.13%	0.489%
42	19.486	2783	2788	2795	rVB	347179	489688	57.00%	4.548%
43	19.551	2795	2799	2806	rVB2	17948	27487	3.20%	0.255%
44	19.680	2814	2821	2826	rBV	684123	859032	100.00%	7.978%
45	19.804	2836	2842	2847	rBV3	29423	71830	8.36%	0.667%
46	19.933	2859	2864	2865	rBV3	27149	40080	4.67%	0.372%
47	19.969	2866	2870	2876	rVB	73223	114844	13.37%	1.067%
48	20.063	2882	2886	2890	rBV	47919	58345	6.79%	0.542%
49	20.122	2890	2896	2899	rVV3	34589	55136	6.42%	0.512%
50	20.257	2916	2919	2923	rBV	23036	27774	3.23%	0.258%
51	20.298	2923	2926	2931	rBV	24618	36151	4.21%	0.336%
52	20.698	2990	2994	3001	rVB	38328	52827	6.15%	0.491%
53	20.857	3017	3021	3025	rBV2	37155	55215	6.43%	0.513%
54	20.898	3025	3028	3029	rVV	42549	45465	5.29%	0.422%
55	20.921	3029	3032	3039	rVV5	135209	229615	26.73%	2.132%
56	20.986	3040	3043	3051	rVB	44863	65142	7.58%	0.605%
57	21.098	3059	3062	3066	rBV3	11466	15540	1.81%	0.144%
58	21.198	3074	3079	3084	rBV3	330637	671707	78.19%	6.238%
59	21.245	3084	3087	3095	rVB	242585	303991	35.39%	2.823%
60	21.357	3103	3106	3112	rBV3	29743	48604	5.66%	0.451%
61	21.410	3112	3115	3119	rVV3	29326	36182	4.21%	0.336%
62	21.816	3180	3184	3190	rVB2	78867	124857	14.53%	1.160%
63	21.957	3205	3208	3211	rBV4	21653	25137	2.93%	0.233%
64	22.798	3344	3351	3355	rBV	224936	543364	63.25%	5.046%
65	22.974	3376	3381	3387	rVB	47088	83930	9.77%	0.779%
66	23.286	3429	3434	3442	rVB	130048	247762	28.84%	2.301%
67	23.386	3445	3451	3461	rVB	187179	352328	41.01%	3.272%
68	23.486	3462	3468	3473	rBV2	140720	275778	32.10%	2.561%
69	24.039	3557	3562	3571	rVB4	53924	110952	12.92%	1.030%
70	25.821	3858	3865	3874	rVB	104426	281353	32.75%	2.613%
71	26.539	3982	3987	3997	rVB2	67326	182206	21.21%	1.692%
72	26.656	4002	4007	4022	rVB2	64590	220025	25.61%	2.043%
73	28.880	4377	4385	4398	rVB6	117083	440209	51.24%	4.088%

Sum of corrected areas: 10767722

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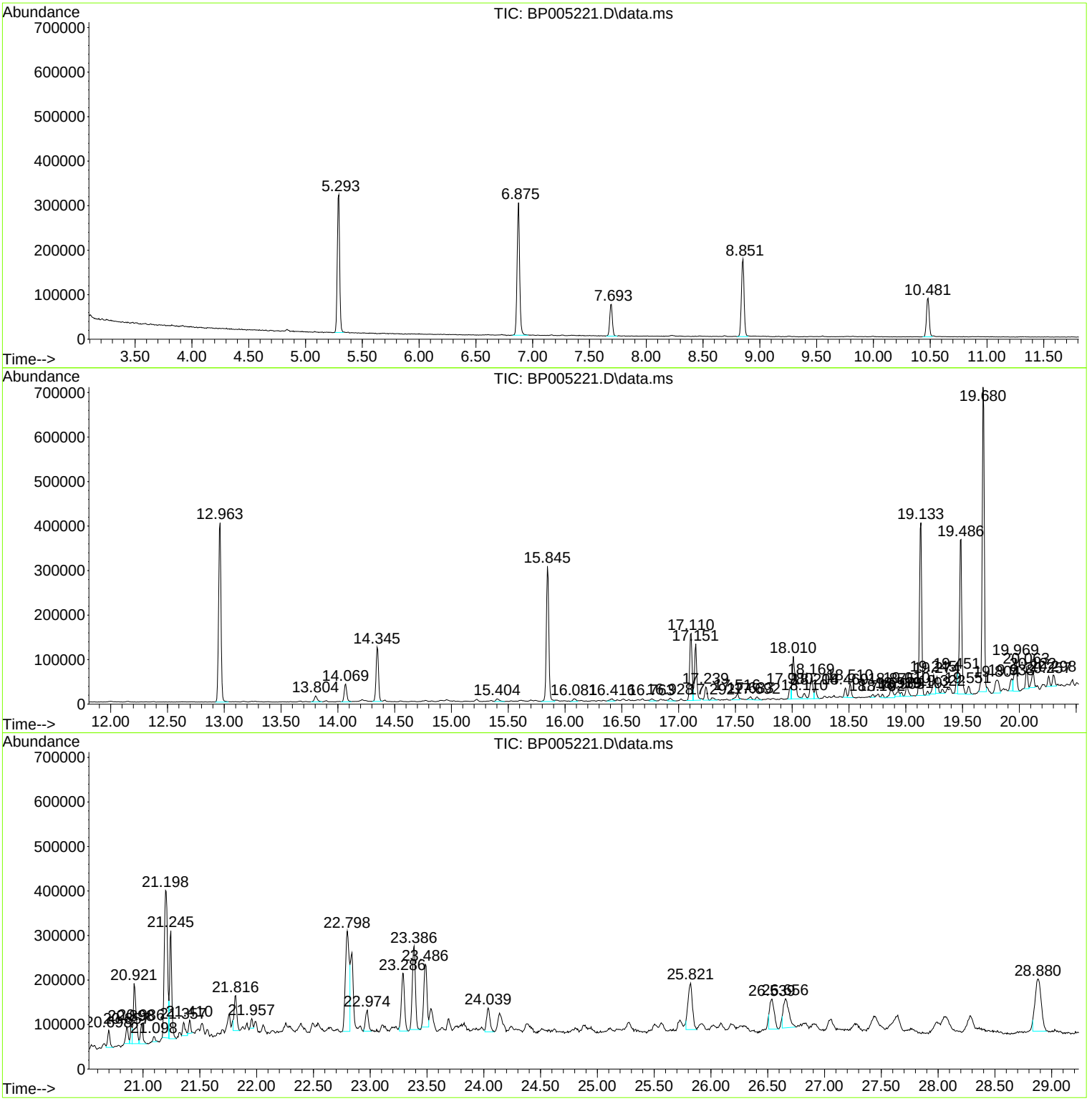
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-2

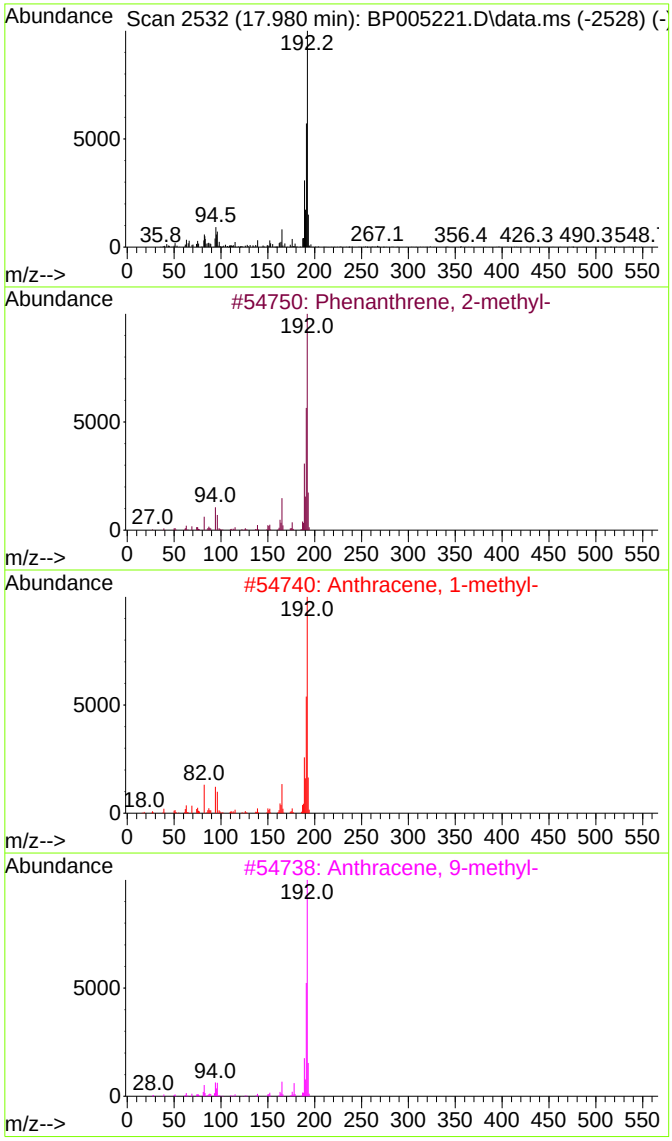
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

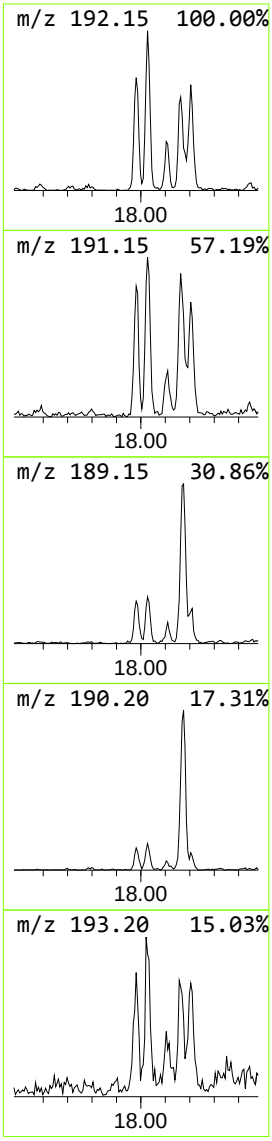
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	3.43 ng	37996	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

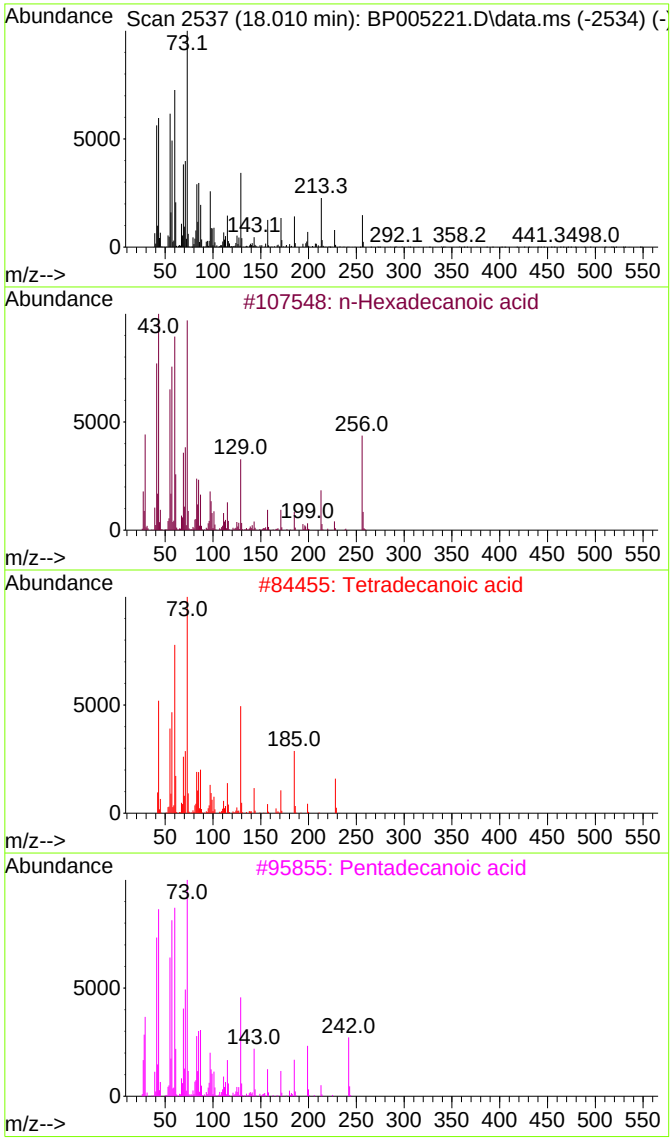
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

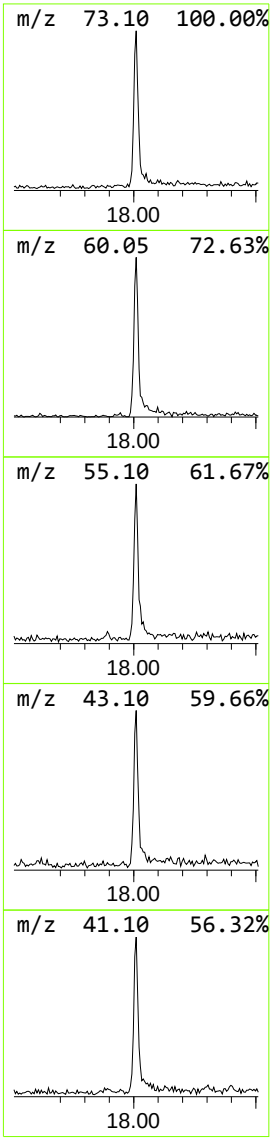
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	15.74 ng	174263	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	Octadecanoic acid	284	C18H36O2	000057-11-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

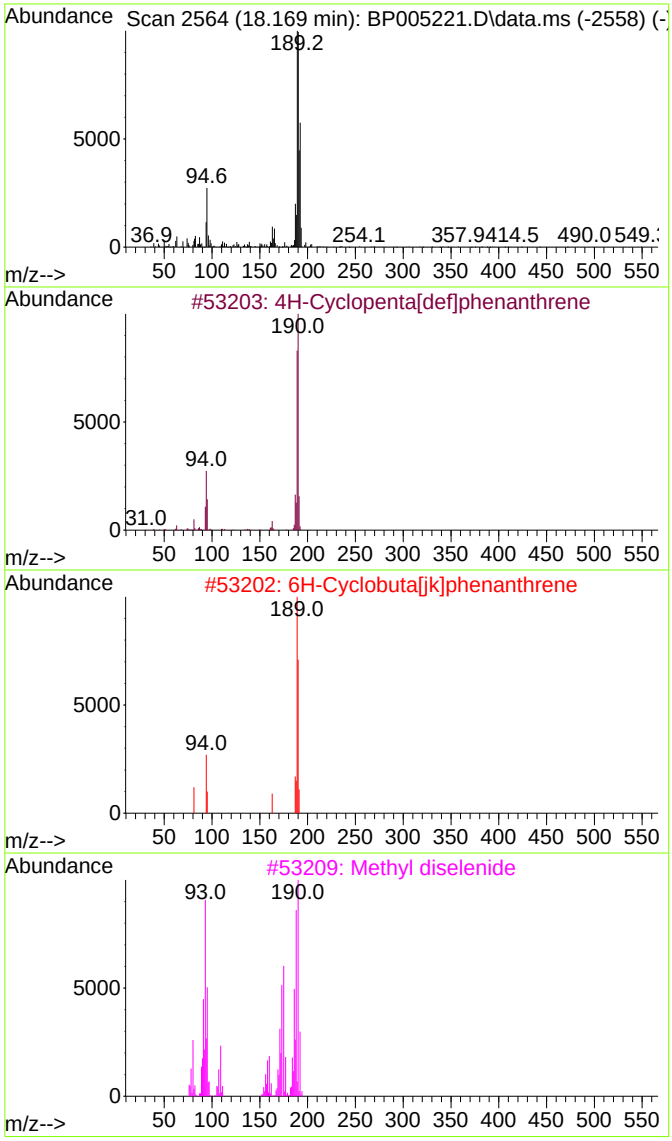
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

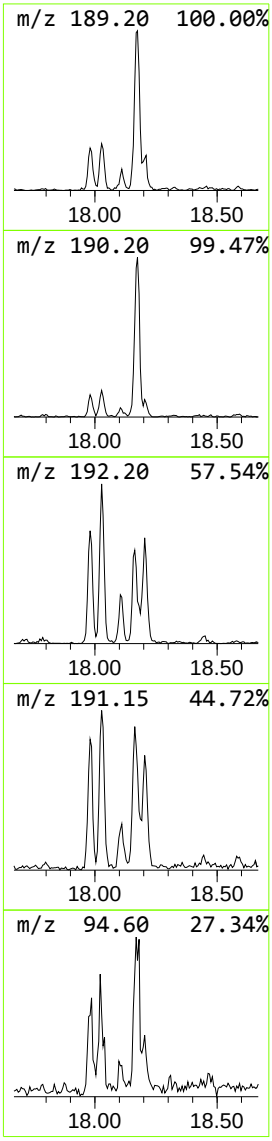
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	7.65 ng	84724	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

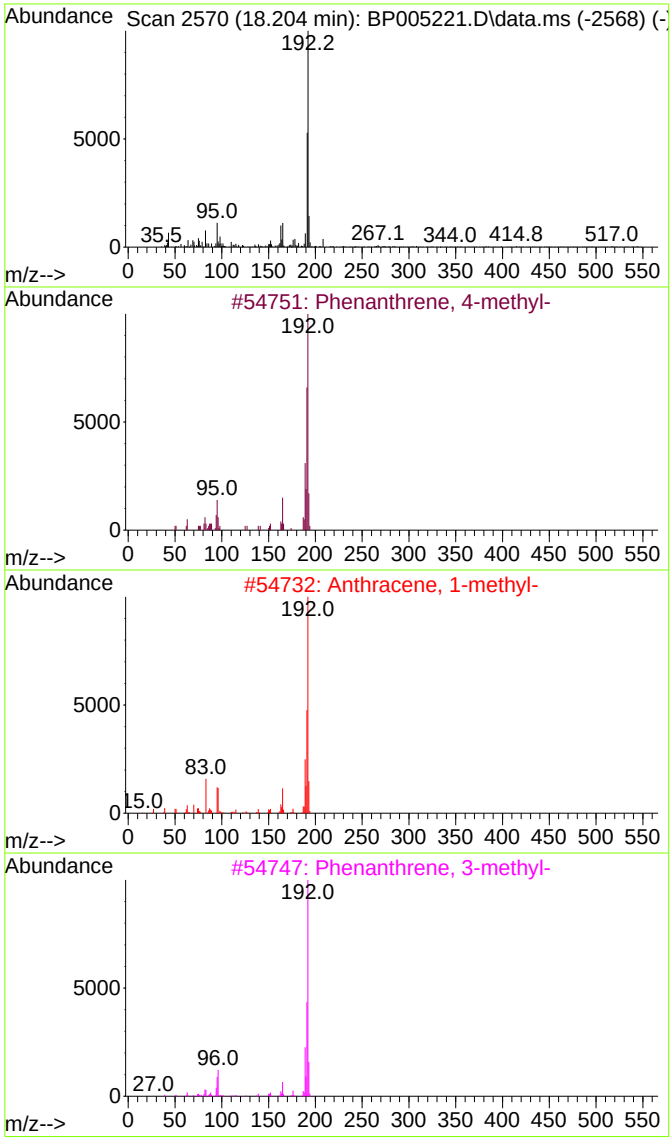
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

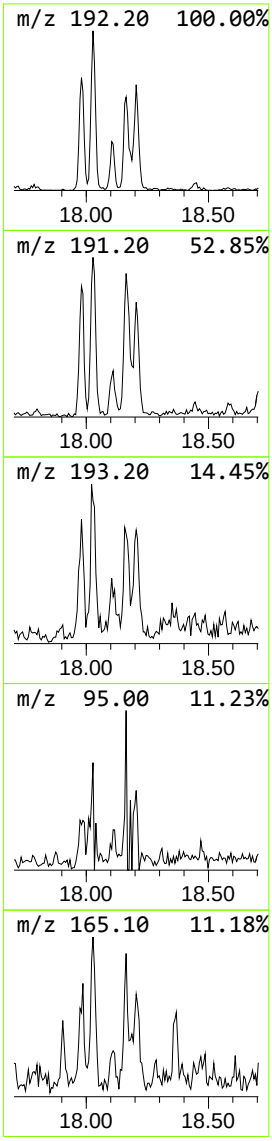
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.58 ng	28598	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

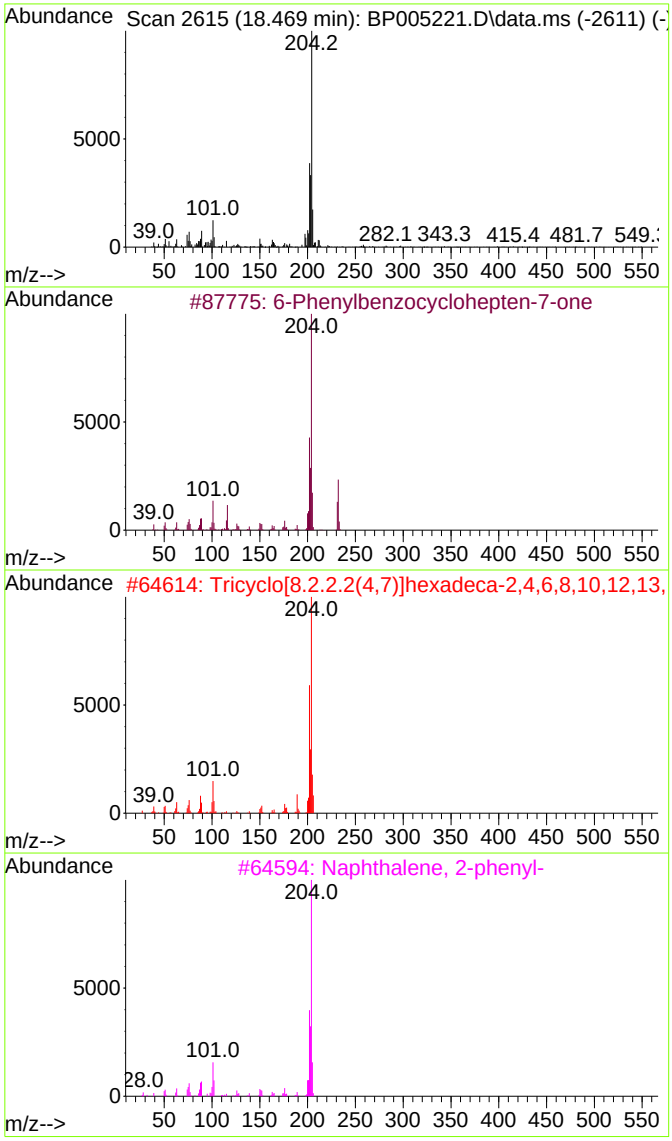
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

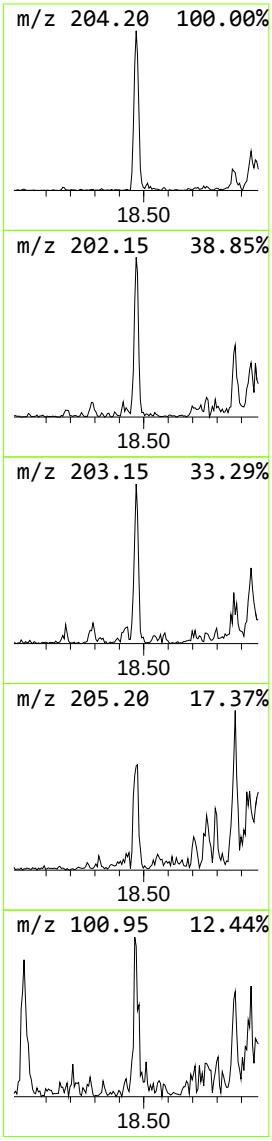
****

Peak Number 7 6-Phenylbenzocyclohepten-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	2.41 ng	26661	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	56
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
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Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

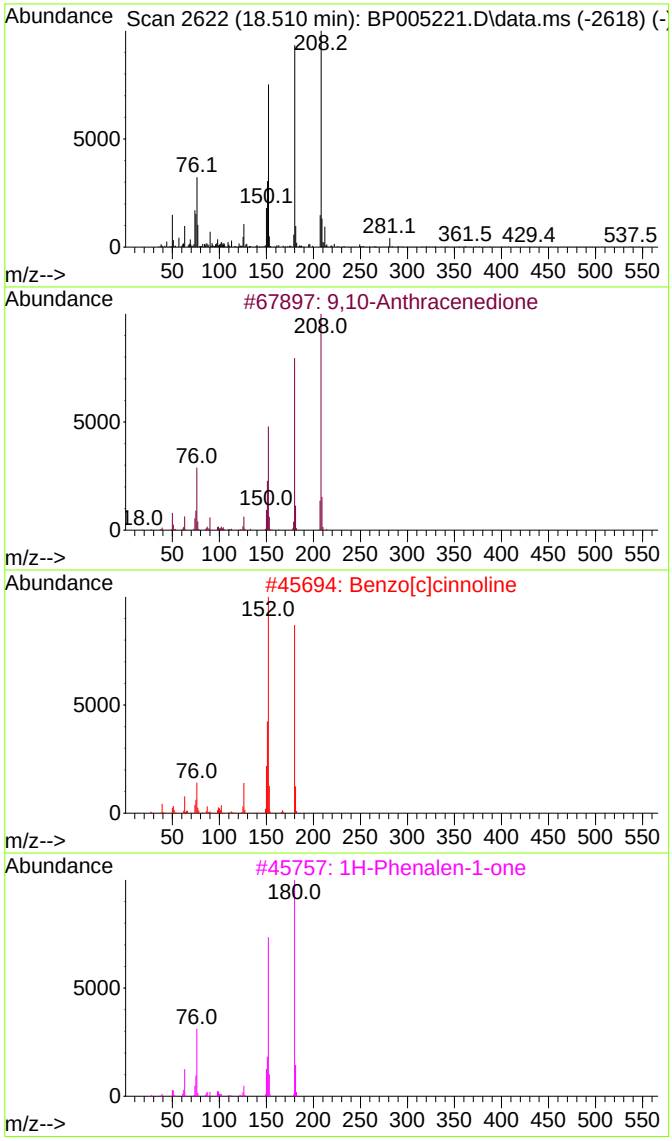
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

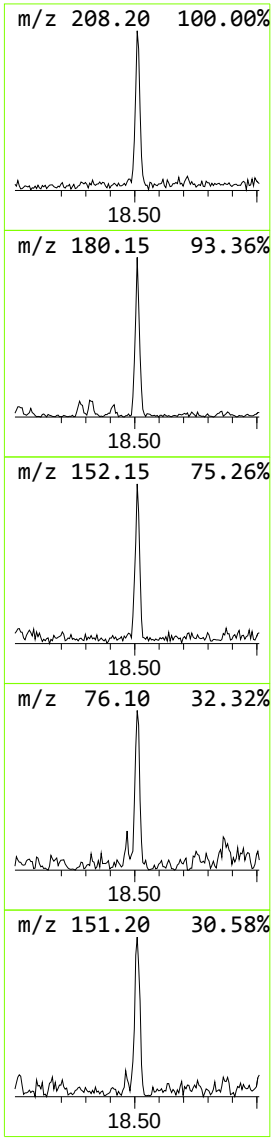
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	3.73 ng	41341	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	47
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-2

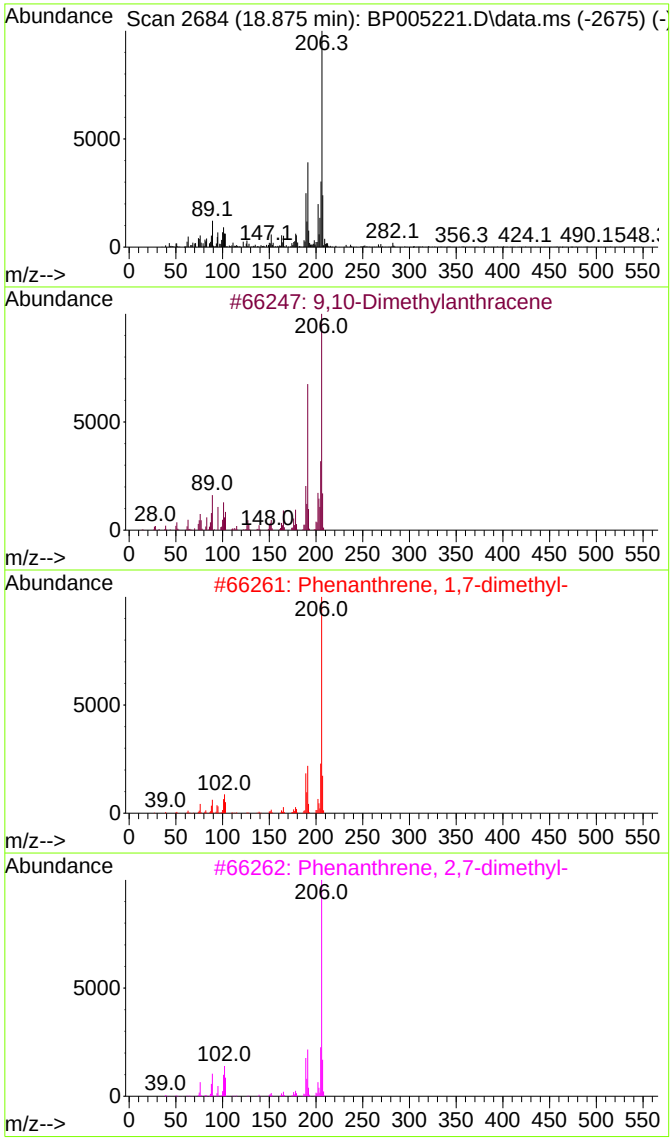
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

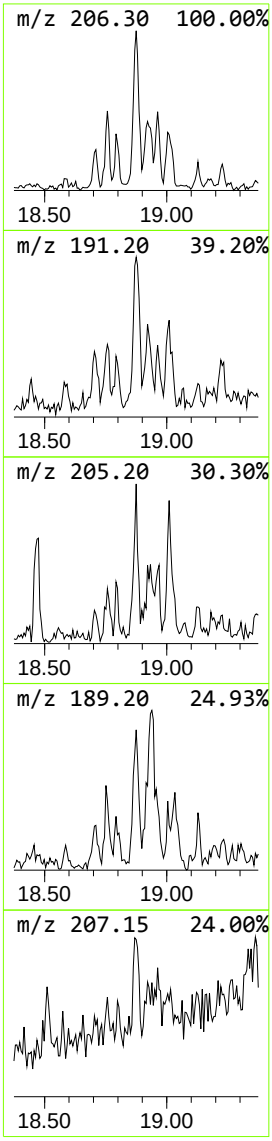
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.875	4.37 ng	48376	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

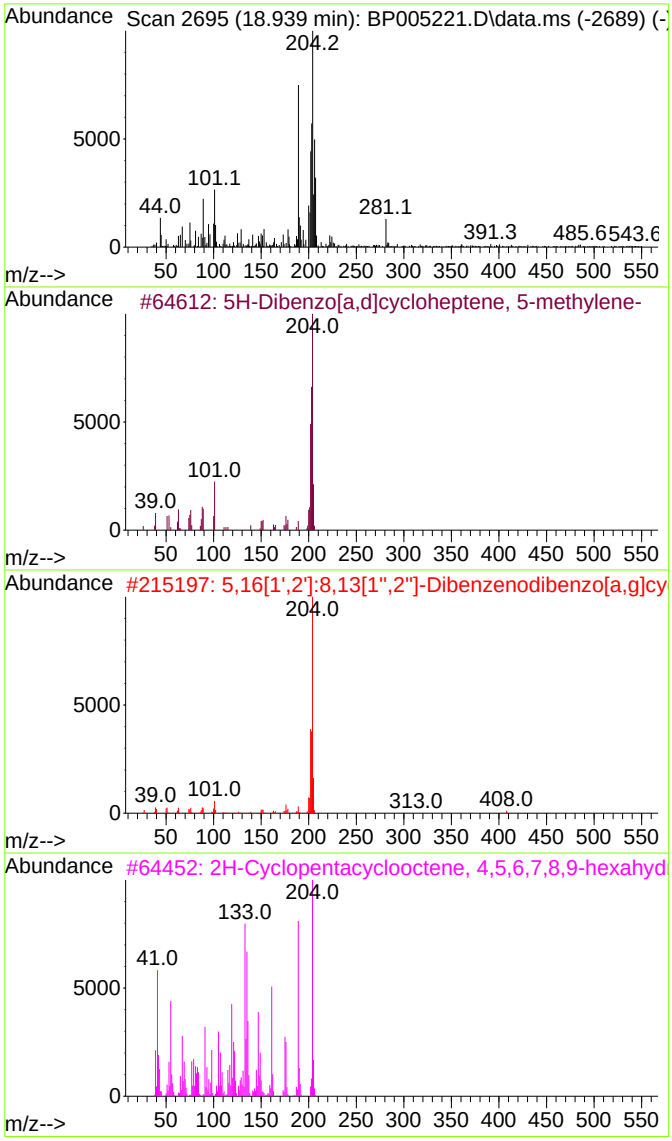
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

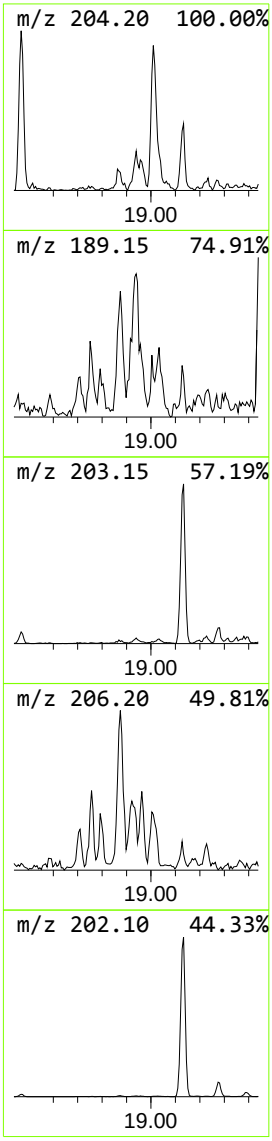
****

Peak Number 10 unknown18..93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	2.04 ng	22630	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	46
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	30
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	27





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

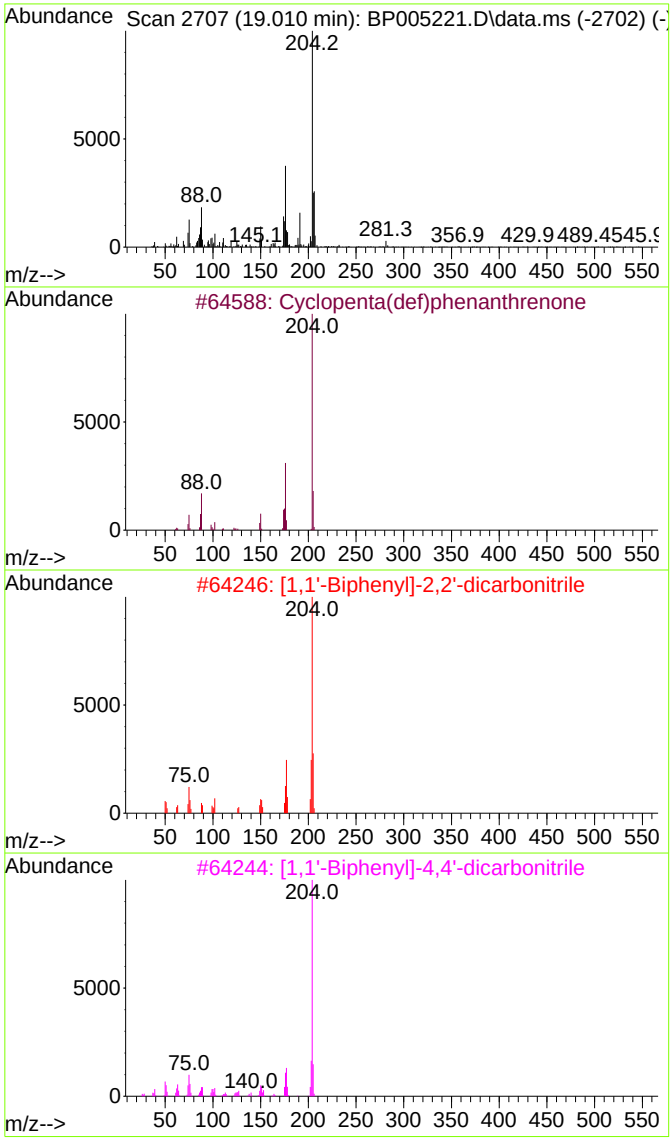
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

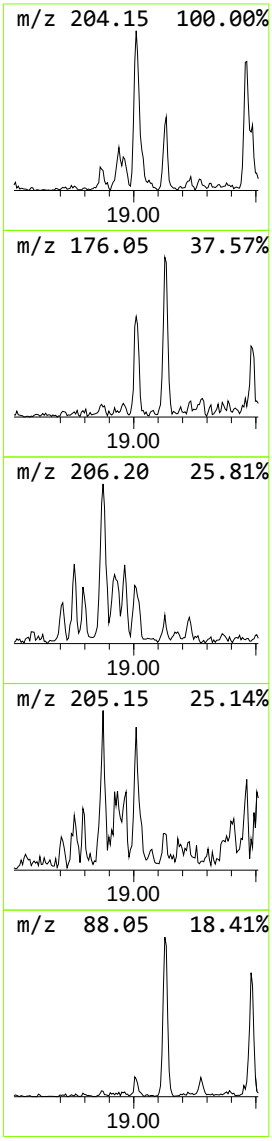
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	3.57 ng	39477	Phenanthrene-d10	17.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	46
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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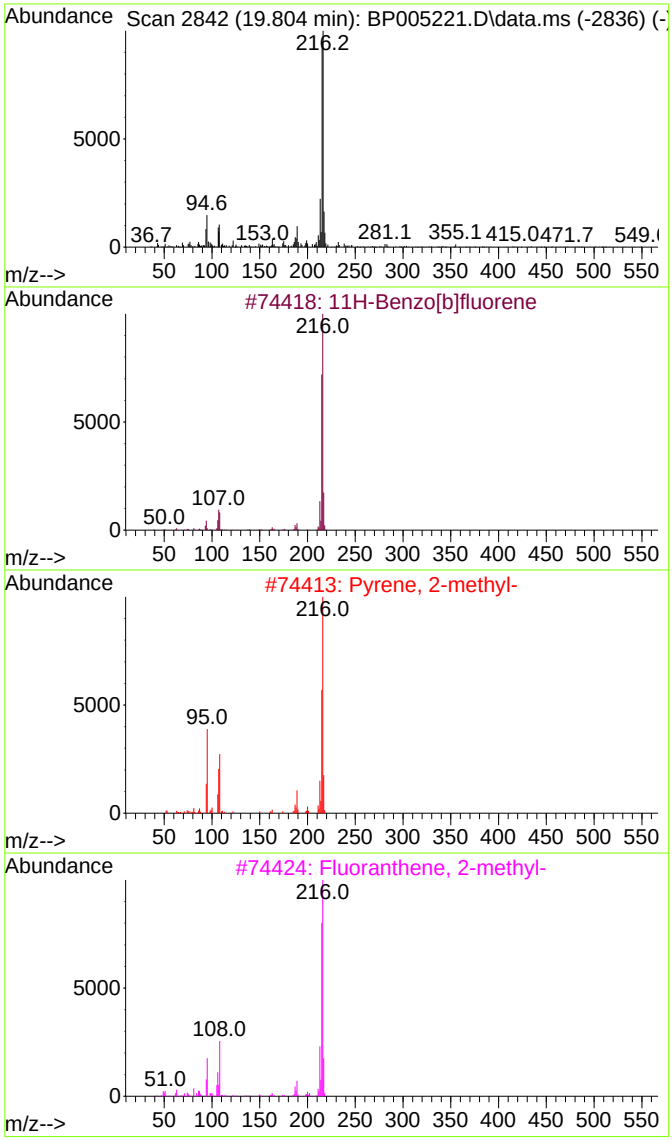
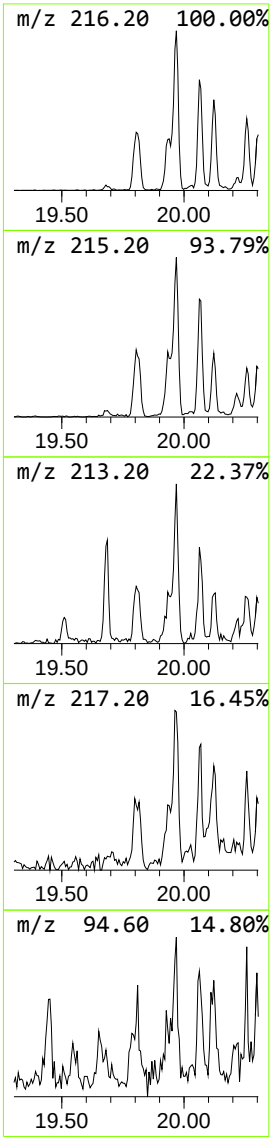
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	2.14 ng	71830	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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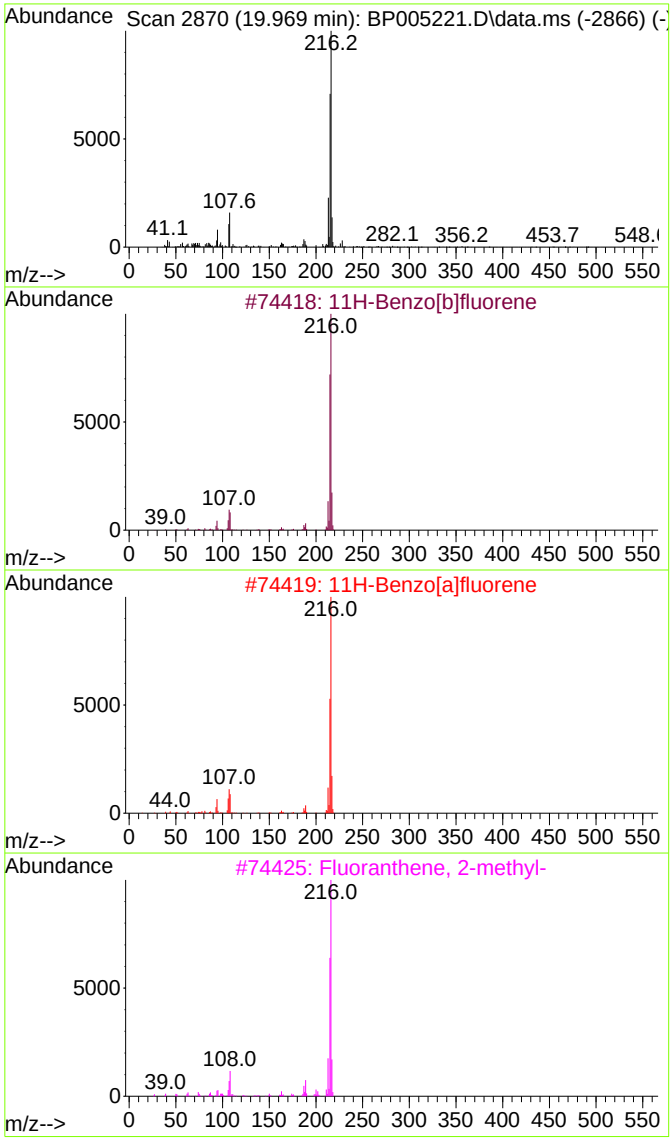
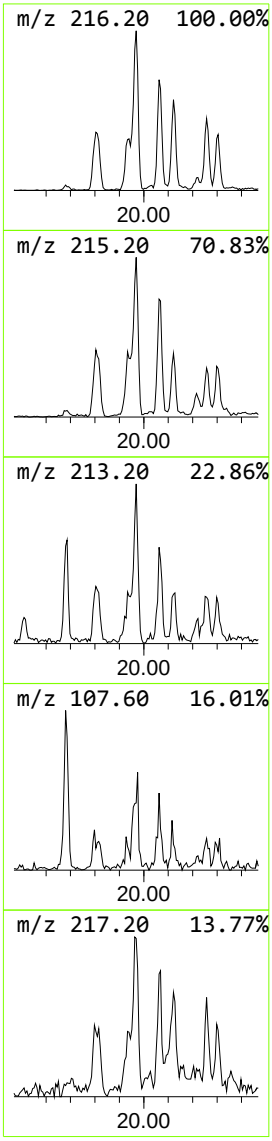
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.969	3.42 ng	114844	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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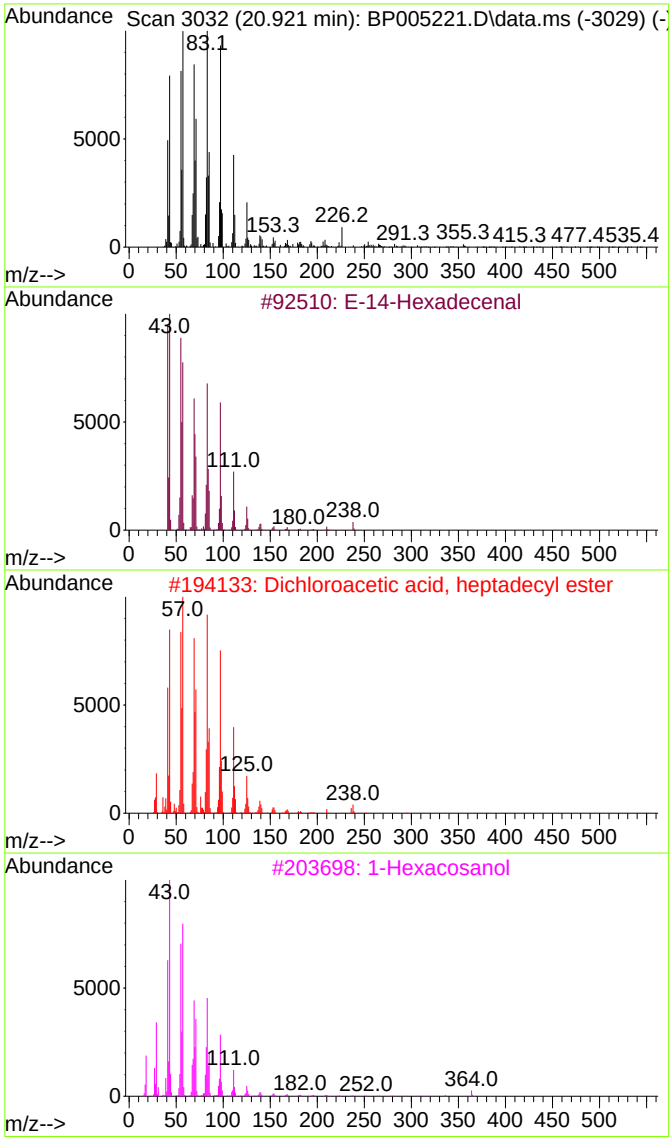
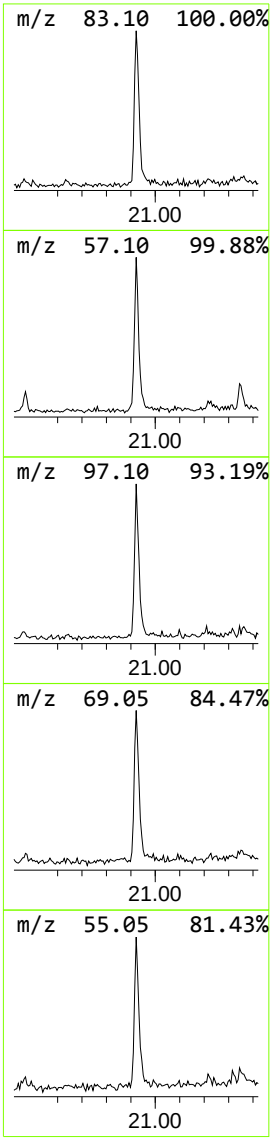
Peak Number 14 E-14-Hexadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.922	6.84 ng	229615	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	87





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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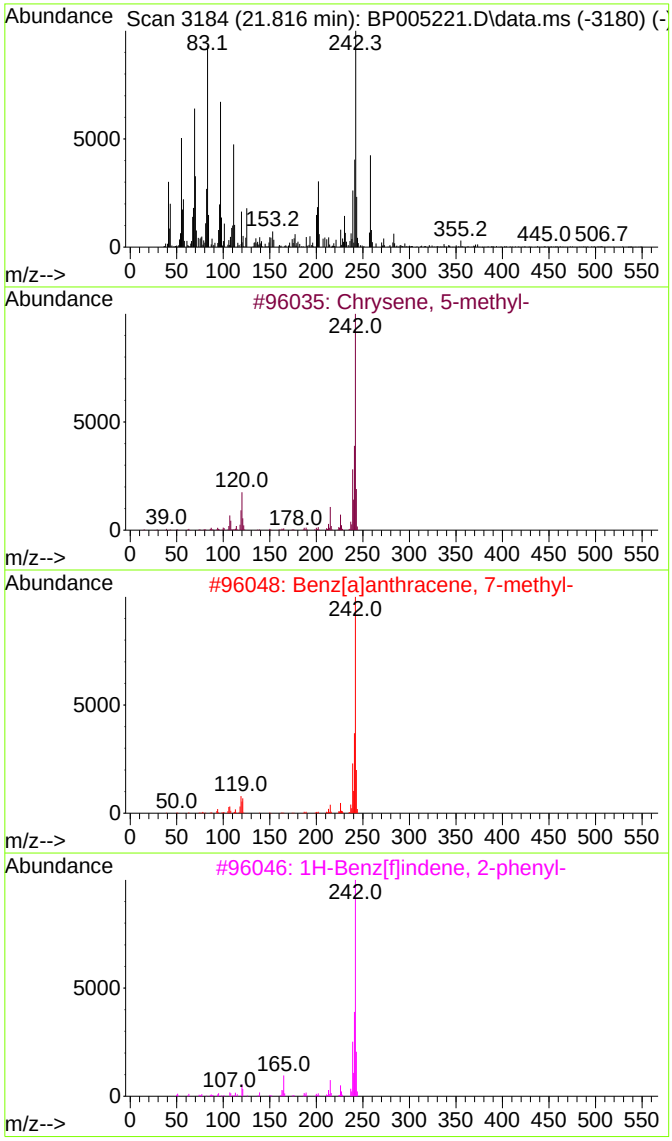
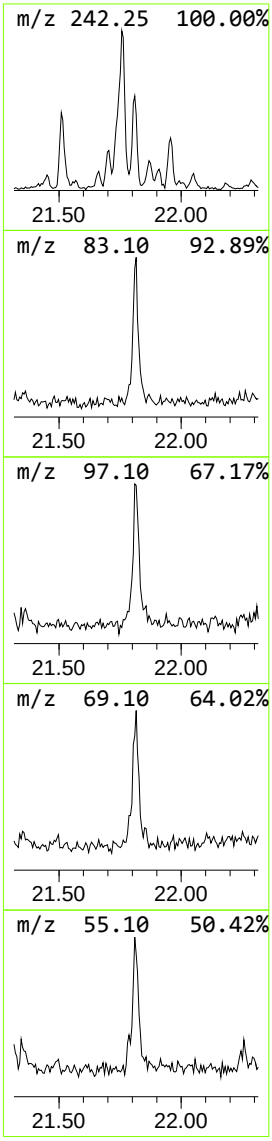
Peak Number 15 unknown21.81 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.816	3.72 ng	124857	Chrysene-d12	21.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	38
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	30
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	25
4	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	25
5	8,9-Dihydro-7H-cyclopenta[a]pyrene	242	C19H14	082979-72-4	22





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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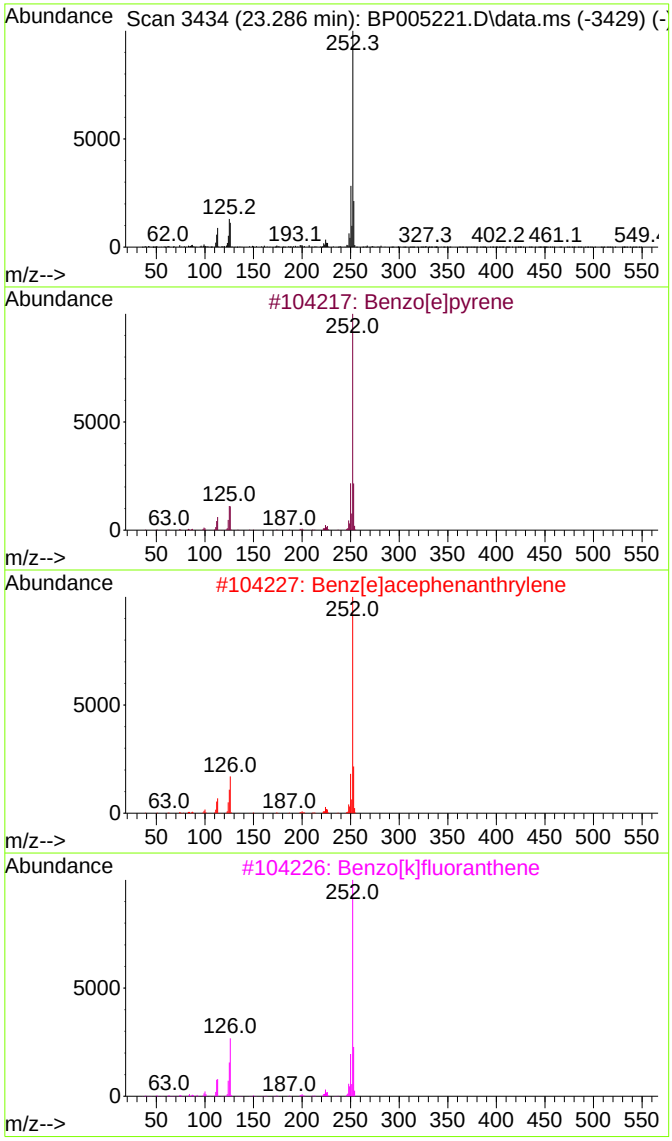
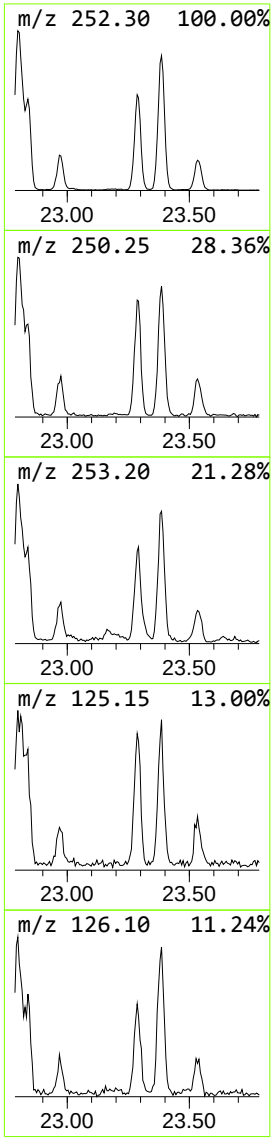
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	17.97 ng	247762	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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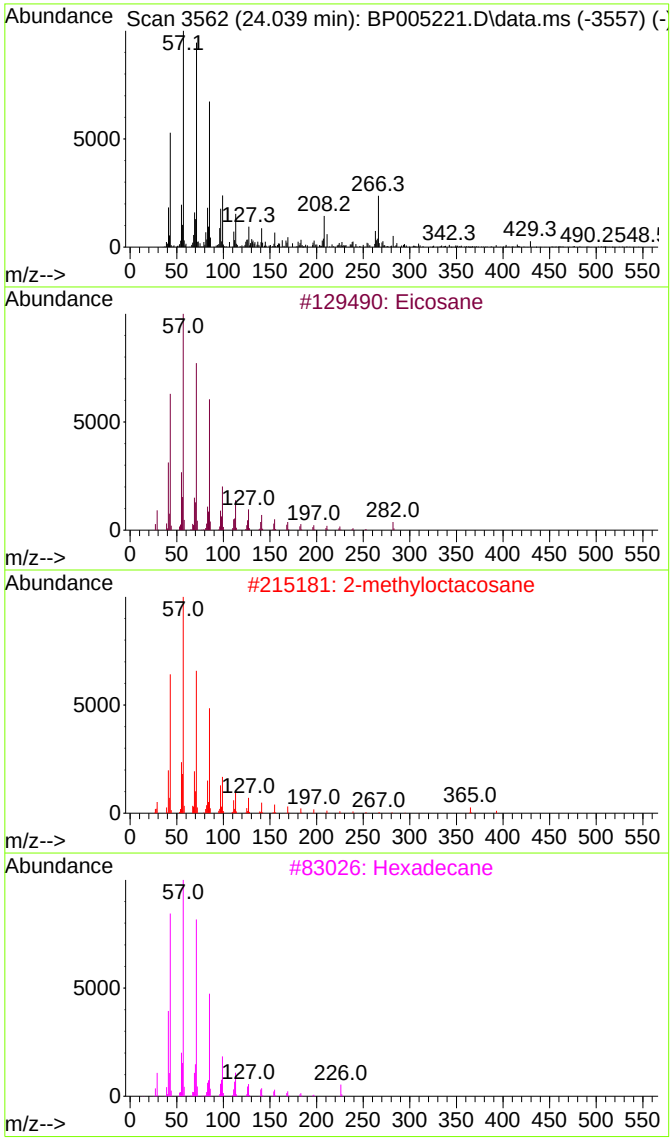
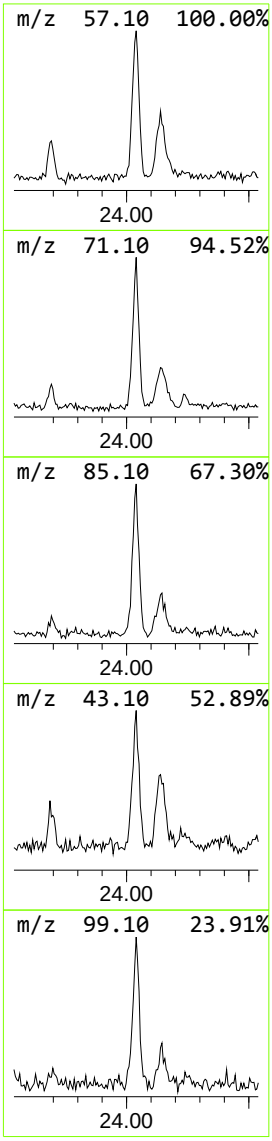
Peak Number 18 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.039	8.05 ng	110952	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	76
3	Hexadecane	226	C16H34	000544-76-3	76
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68
5	Octacosane	394	C28H58	000630-02-4	68





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Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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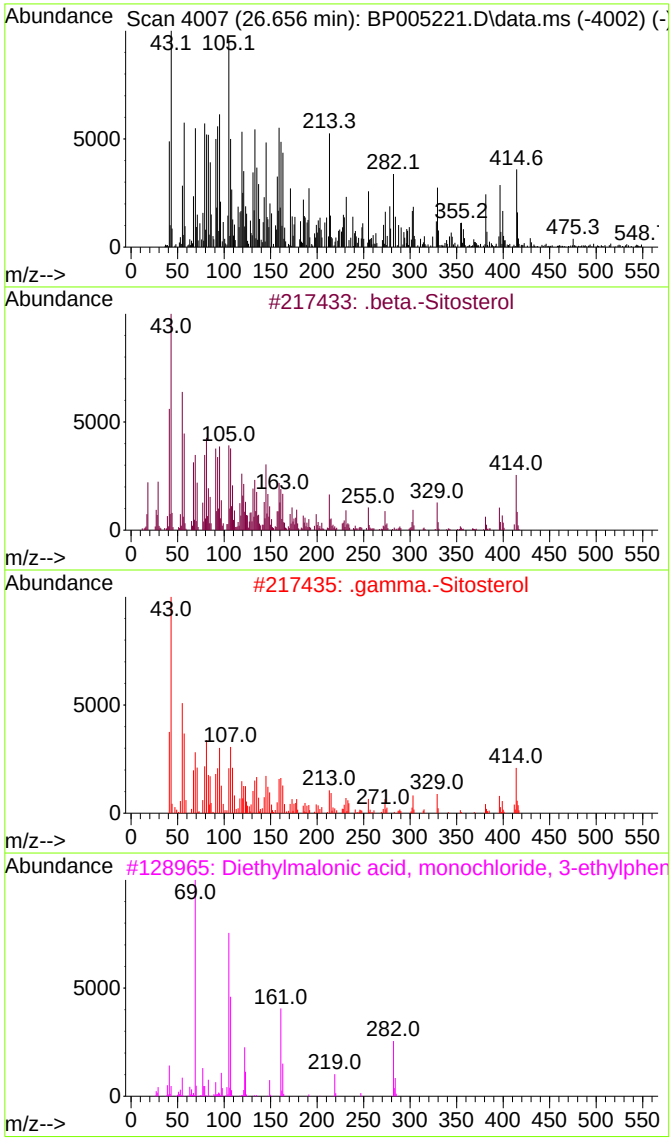
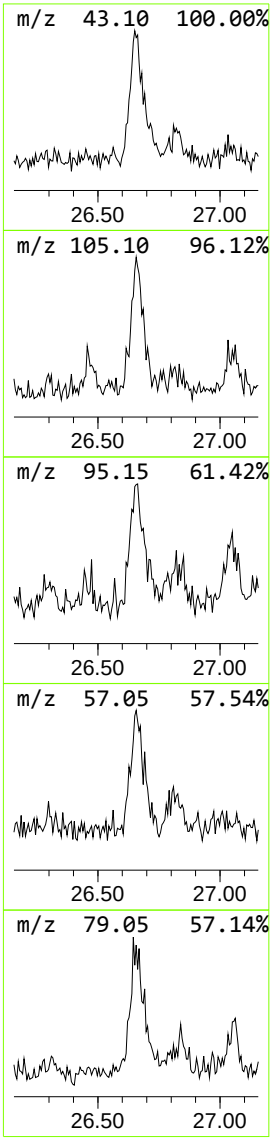
Peak Number 19 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.657	15.96 ng	220025	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
3	Diethylmalonic acid, monochlorid...	282	C15H19ClO3	1000368-77-8	11
4	5.alpha.-Stigmast-9(11)-en-3.bet...	414	C29H50O	077794-81-1	9
5	Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	7





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Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

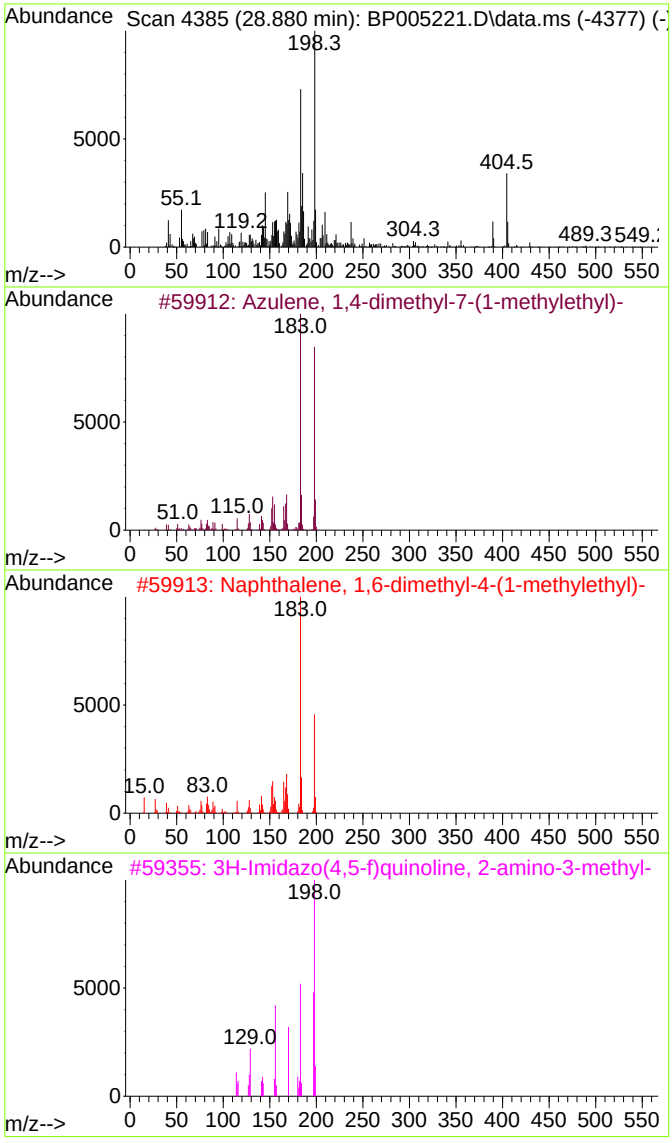
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

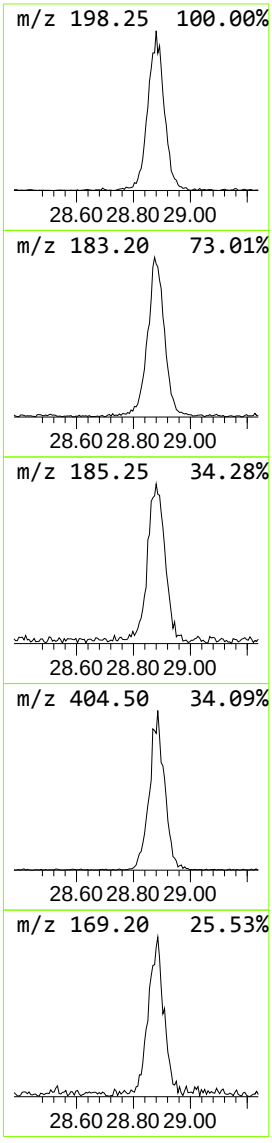
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.880	31.92 ng	440209	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	55
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	49
3	3H-Imidazo(4,5-f)quinoline, 2-am...	198	C11H10N4	076180-96-6	46
4	Dibenzofuran, 2-methoxy-	198	C13H10O2	020357-70-4	43
5	2,8-Dibenzofurandiamine	198	C12H10N2O	025295-66-3	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
Data File : BP005221.D
Acq On : 07 Apr 2021 15:27
Operator : CG/JU
Sample : M1963-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	17.980	3.4	ng	37996	4	17.110	221372	20.0
n-Hexadecanoic ...	18.010	15.7	ng	174263	4	17.110	221372	20.0
4H-Cyclopenta[d...	18.169	7.7	ng	84724	4	17.110	221372	20.0
Phenanthrene, 4...	18.204	2.6	ng	28598	4	17.110	221372	20.0
6-Phenylbenzocy...	18.469	2.4	ng	26661	4	17.110	221372	20.0
9,10-Anthracene...	18.510	3.7	ng	41341	4	17.110	221372	20.0
9,10-Dimethylan...	18.875	4.4	ng	48376	4	17.110	221372	20.0
unknown18..93	18.939	2.0	ng	22630	4	17.110	221372	20.0
Cyclopenta(def)...	19.010	3.6	ng	39477	4	17.110	221372	20.0
11H-Benzo[b]flu...	19.804	2.1	ng	71830	5	21.210	671707	20.0
11H-Benzo[a]flu...	19.969	3.4	ng	114844	5	21.210	671707	20.0
E-14-Hexadecenal	20.922	6.8	ng	229615	5	21.210	671707	20.0
unknown21.81	21.816	3.7	ng	124857	5	21.210	671707	20.0
Benzo[e]pyrene	23.286	18.0	ng	247762	6	23.486	275778	20.0
Eicosane	24.039	8.1	ng	110952	6	23.486	275778	20.0
.beta.-Sitosterol	26.657	16.0	ng	220025	6	23.486	275778	20.0
Azulene, 1,4-di...	28.880	31.9	ng	440209	6	23.486	275778	20.0