LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BP005168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.852	296	300	308	rVB	9039	13706	1.02%	0.100%
2	5.305	369	377	385	rBV	94819	142002	10.56%	1.039%
3	6.881	640	645	655	rBV	89834	148389	11.04%	1.085%
4	7.705	776	785	792	rBV	131995	203177	15.11%	1.486%
5	8.863	974	982	992	rBV2	57309	99699	7.42%	0.729%
6	10.493	1252	1259	1264	rBV	172285	282689	21.03%	2.068%
7	10.546	1264	1268	1274	rVB	37609	59871	4.45%	0.438%
8	11.622	1445	1451	1460	rBV2	8082	17234	1.28%	0.126%
9	12.169	1538	1544	1550	rVB	18955	29586	2.20%	0.216%
10	12.387	1575	1581	1588	rBV2	14216	22959	1.71%	0.168%
11	12.975	1675	1681	1689	rVB	147420	209984	15.62%	1.536%
12	13.675	1794	1800	1806	rBV	11301	21230	1.58%	0.155%
13	13.916	1835	1841	1845	rBV5	11173	17982	1.34%	0.132%
14	14.081	1865	1869	1879	rVB2	10332	16705	1.24%	0.122%
15	14.363	1907	1917	1922	rBV	245740	372997	27.75%	2.728%
16	14.428	1922	1928	1935	rVB	95406	138688	10.32%	1.014%
17	14.763	1980	1985	1992	rVV	49120	75842	5.64%	0.555%
18	15.416	2090	2096	2108	rVB2	91666	132630	9.87%	0.970%
19	15.575	2120	2123	2128	rVB2	12518	17284	1.29%	0.126%
20	15.710	2142	2146	2153	rVB2	18233	29130	2.17%	0.213%
21	15.857	2164	2171	2179	rVV	119021	180810	13.45%	1.323%
22	16.092	2206	2211	2219	rVB9	12835	25680	1.91%	0.188%
23	16.428	2256	2268	2272	rBV5	17890	43424	3.23%	0.318%
24	16.475	2272	2276	2282	rVB5	9206	16667	1.24%	0.122%
25	16.781	2322	2328	2335	rVB	28956	45023	3.35%	0.329%
26	16.857	2335	2341	2343	rBV4	12037	22134	1.65%	0.162%
27	16.939	2350	2355	2363	rVB	46523	68946	5.13%	0.504%
28	17.122	2380	2386	2390	rBV	278205	428662	31.89%	3.136%
29	17.169	2390	2394	2400	rVV	789266	1067487	79.41%	7.808%
30	17.257	2400	2409	2414	rVV	188514	280223	20.85%	2.050%
31	17.316	2414	2419	2425	rVV2	22653	37136	2.76%	0.272%
32	17.534	2446	2456	2464	rBV2	95834	166821	12.41%	1.220%
33	17.645	2469	2475	2479	rVV4	15227	29597	2.20%	0.216%
34	17.704	2482	2485	2493	rVB9	12615	24336	1.81%	0.178%
35	17.998	2530	2535	2538	rBV	63995	98206	7.31%	0.718%
36	18.045	2538	2543	2548	rVB	104789	159256	11.85%	1.165%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	18.122	2552	2556	2560	rBV	44651	58781	4.37%	0.430%
38	18.186	2561	2567	2571	rBV2	121940	196776	14.64%	1.439%
39	18.216	2571	2572	2579	rVB2	41542	47410	3.53%	0.347%
40	18.304	2582	2587	2589	rVV3	13278	21754	1.62%	0.159%
41	18.334	2589	2592	2596	rVB2	11065	15158	1.13%	0.111%
42	18.481	2613	2617	2621	rBV	56425	73555	5.47%	0.538%
43	18.522	2621	2624	2630	rVB	52458	67907	5.05%	0.497%
44	18.722	2655	2658	2662	rBV2	16029	16335	1.22%	0.119%
45	18.769	2662	2666	2669	rVV2	12441	19383	1.44%	0.142%
46	18.810	2670	2673	2677	rVB2	15171	16102	1.20%	0.118%
47	18.892	2682	2687	2690	rBV2	27434	47706	3.55%	0.349%
48	19.028	2706	2710	2717	rVB2	30415	49815	3.71%	0.364%
49	19.145	2724	2730	2736	rBV	1055082	1344296	100.00%	9.833%
50	19.239	2743	2746	2752	rBV4	25661	38458	2.86%	0.281%
51	19.381	2768	2770	2774	rVB	23463	23173	1.72%	0.170%
52	19.498	2786	2790	2798	rVB	754547	1061937	79.00%	7.768%
53	19.569	2798	2802	2808	rVB2	37085	50484	3.76%	0.369%
54	19.698	2816	2824	2827	rBV2	217133	317477	23.62%	2.322%
55	19.733	2827	2830	2834	rVB	56936	72657	5.40%	0.531%
56	19.810	2838	2843	2844	rBV3	47540	67595	5.03%	0.494%
57	19.869	2850	2853	2857	rBV	25227	30588	2.28%	0.224%
58	19.945	2861	2866	2868	rVV5	31135	60719	4.52%	0.444%
59	19.980	2868	2872	2878	rVB	137875	192510	14.32%	1.408%
60	20.081	2885	2889	2892	rBV2	94933	117562	8.75%	0.860%
61	20.133	2893	2898	2902	rVV3	59722	96417	7.17%	0.705%
62	20.175	2902	2905	2909	rVB2	39095	41791	3.11%	0.306%
63	20.275	2919	2922	2925	rBV2	26699	30610	2.28%	0.224%
64	20.716	2993	2997	3001	rVB	58810	75635	5.63%	0.553%
65	20.875	3021	3024	3027	rBV	49810	57167	4.25%	0.418%
66	20.910	3027	3030	3032	rBV	60901	65410	4.87%	0.478%
67	21.004	3043	3046	3053	rVB	112489	150194	11.17%	1.099%
68	21.210	3076	3081	3086	rBV3	603931	1154368	85.87%	8.444%
69	21.257	3086	3089	3098	rVB	433245	574363	42.73%	4.201%
70	21.375	3106	3109	3115	rVB	94732	119275	8.87%	0.872%
71	21.822	3183	3185	3192	rVB	86022	122761	9.13%	0.898%
72	22.822	3348	3355	3359	rBV	339148	787349	58.57%	5.759%
73	23.310	3434	3438	3447	rVB	189527	367500	27.34%	2.688%
74	23.410	3449	3455	3461	rVB	279932	541283	40.27%	3.959%
75	23.510	3467	3472	3477	rBV2	200964	376306	27.99%	2.753%
76	25.851	3866	3870	3880	rVB2	135924	356314	26.51%	2.606%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-0-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

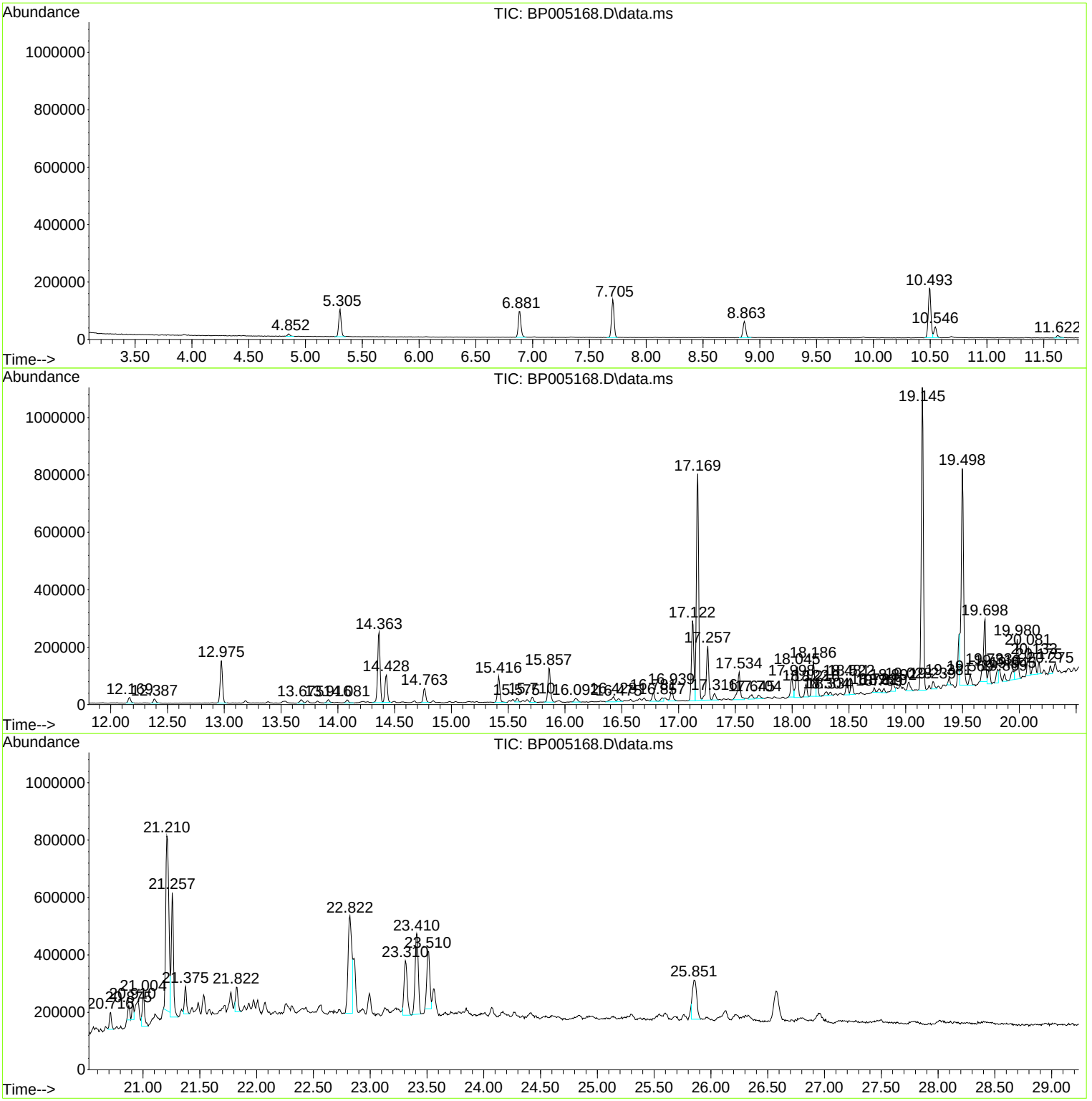
Sum of corrected areas: 13671073

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-0-2

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\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
B3-0-2

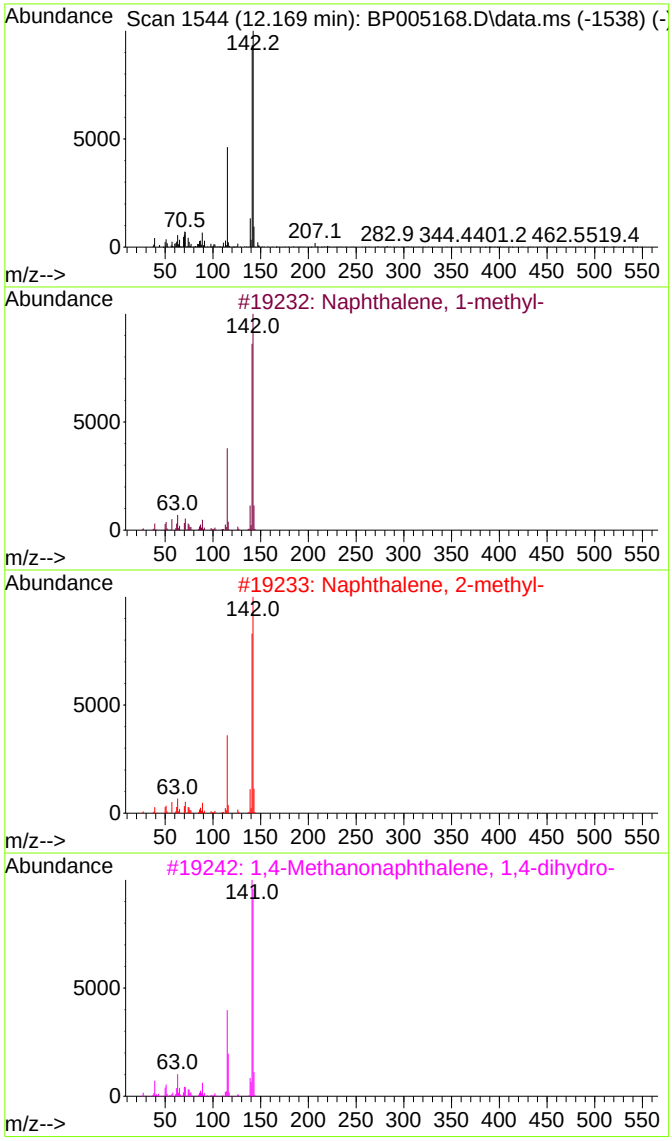
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

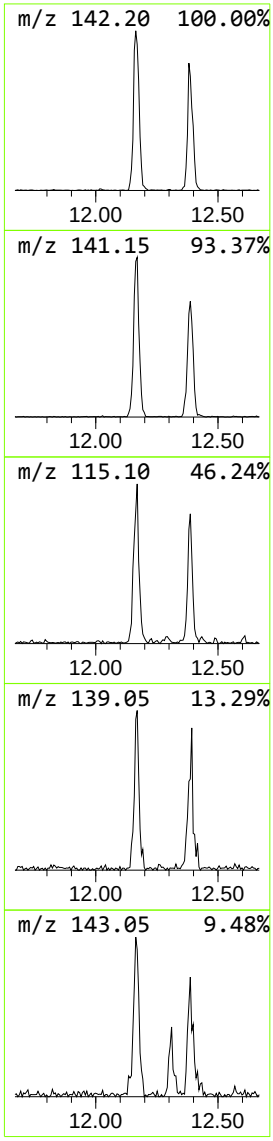
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,4-Methanonaphthalene, 1,4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	2.09 ng	29586	Naphthalene-d8	10.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
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Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

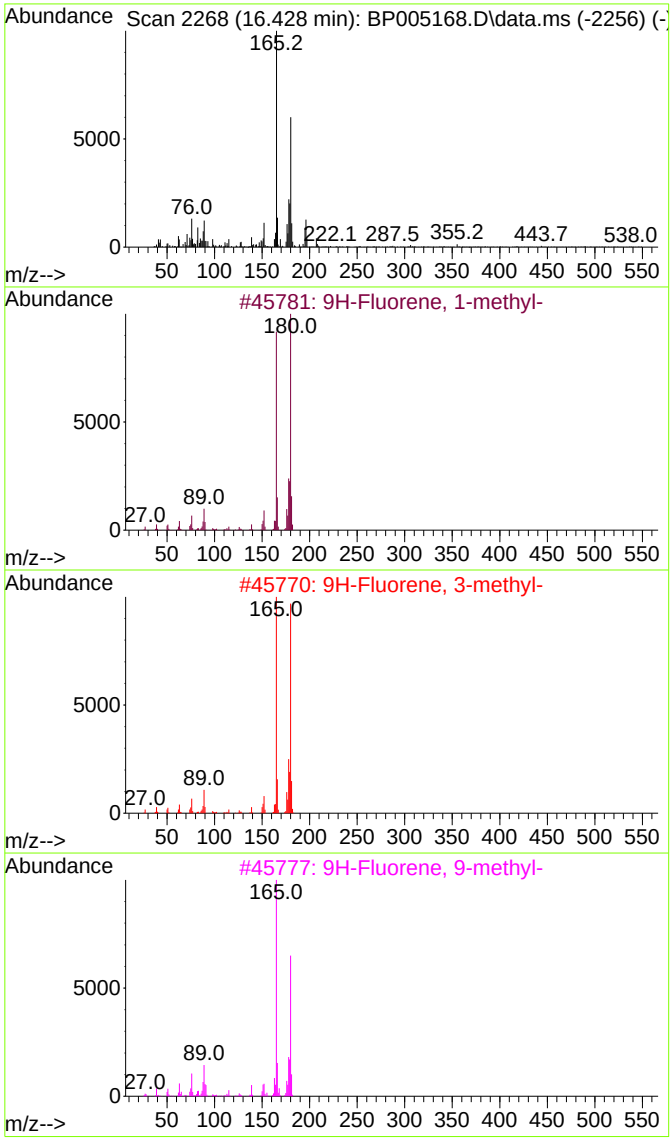
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

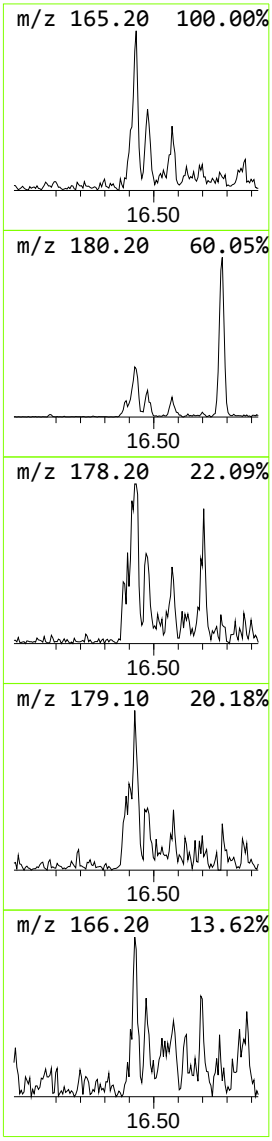
****

Peak Number 2 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.428	2.03 ng	43424	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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
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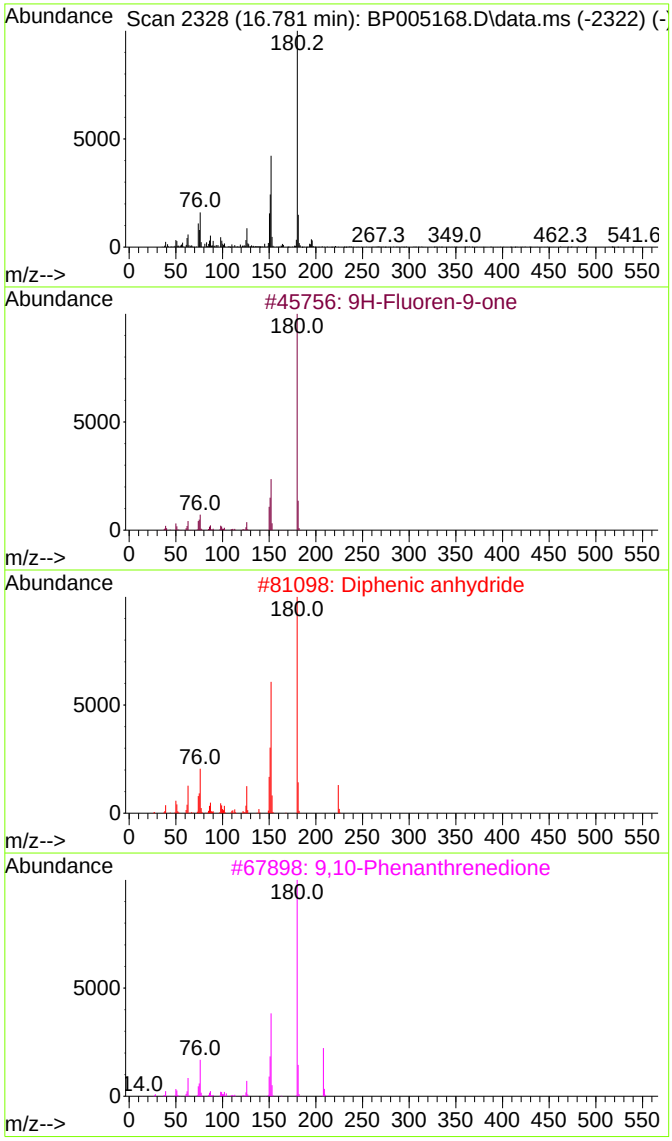
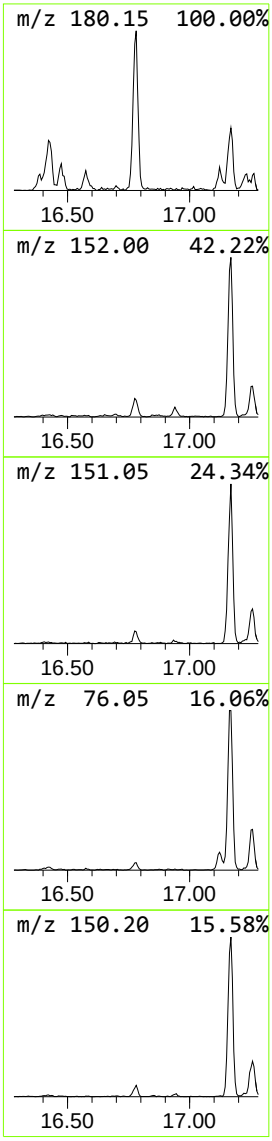
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.781	2.10 ng	45023	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Diphenic anhydride	224	C14H8O3	006050-13-1	86
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
4	9,9-Bis[4-aminophenylsulfonyl]fl...	476	C25H20N2O4S2	081269-16-1	72
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
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TIC Library : C:\DATABASE\NIST11.L
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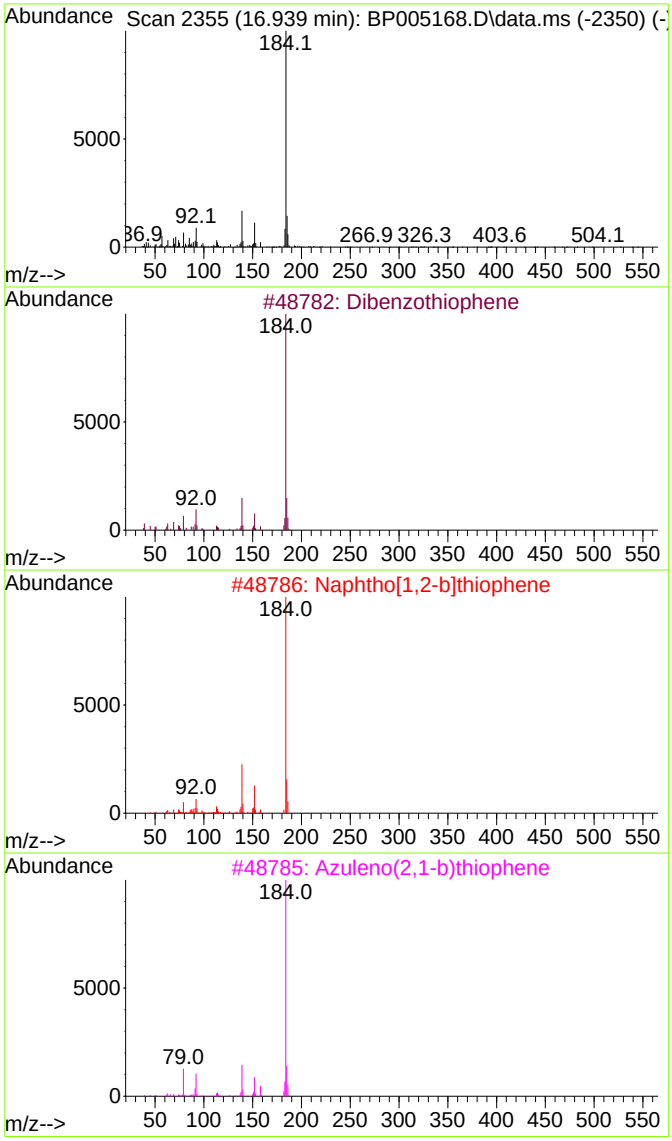
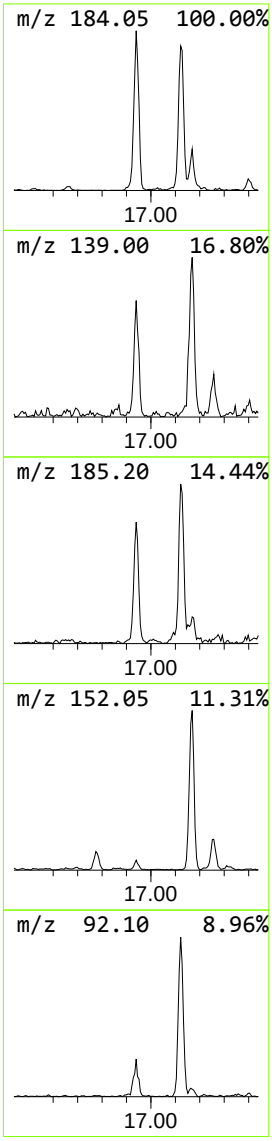
****

Peak Number 4 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.939	3.22 ng	68946	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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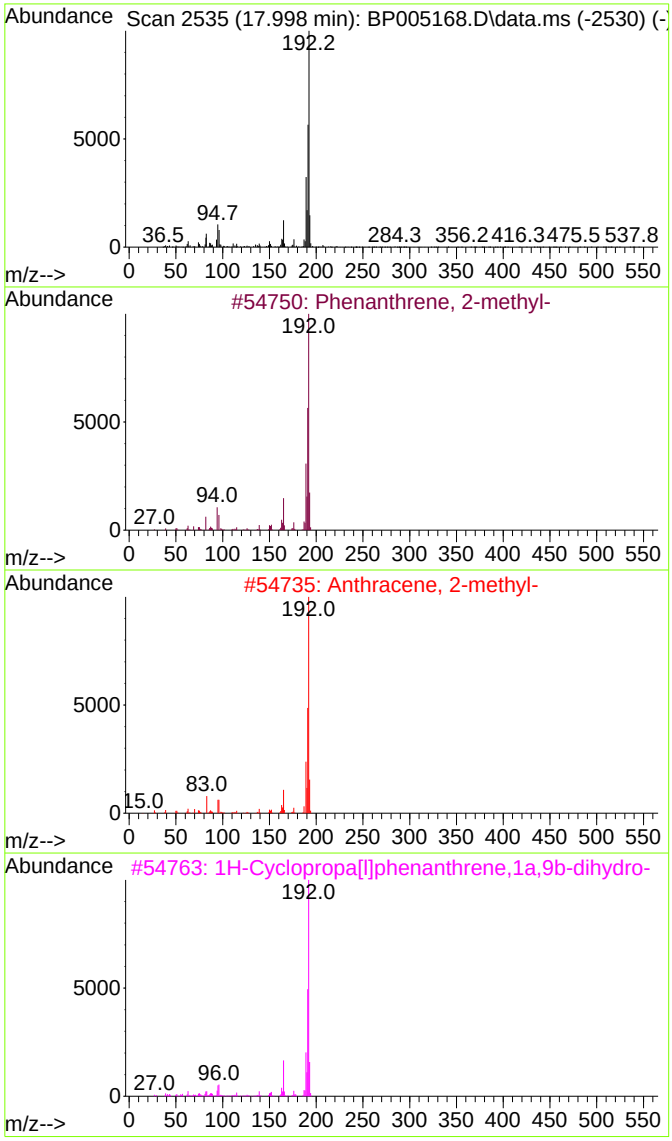
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

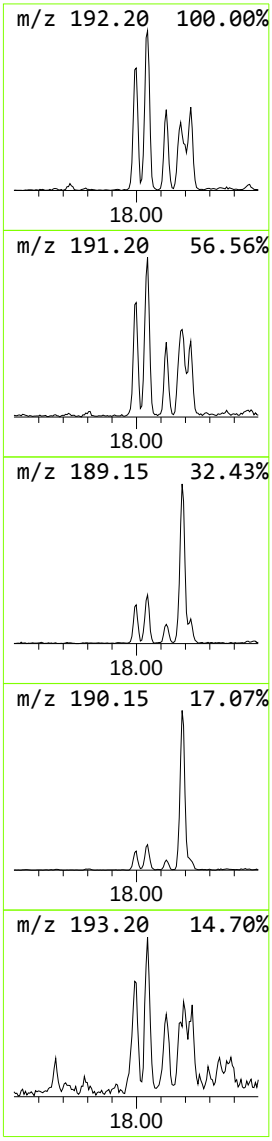
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	4.58 ng	98206	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B3-0-2

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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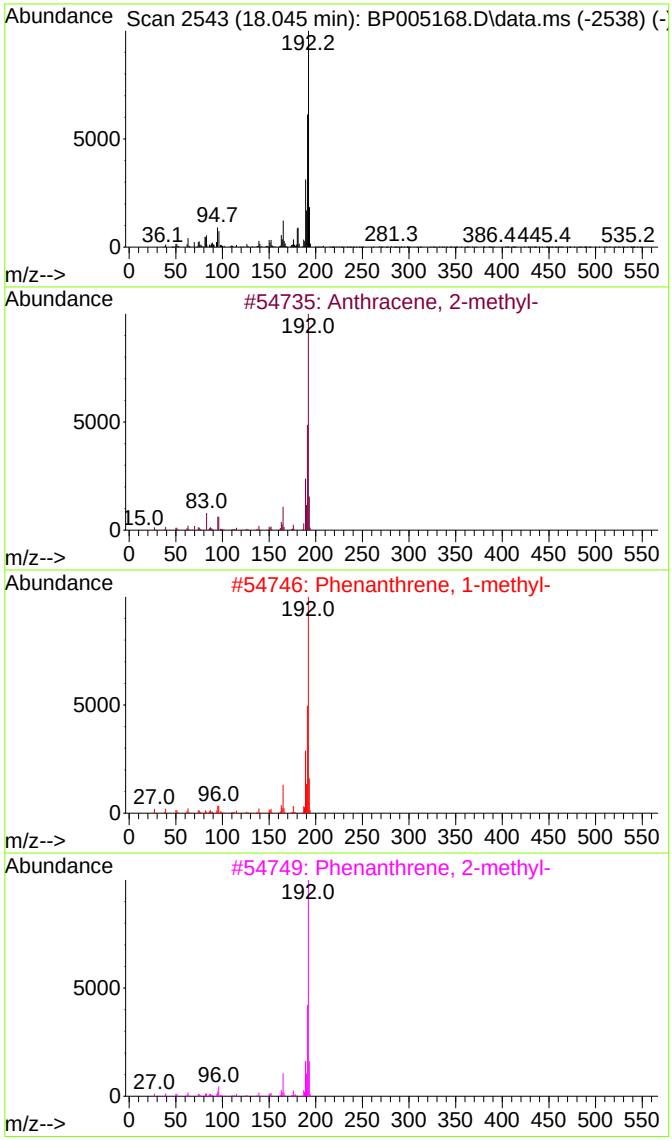
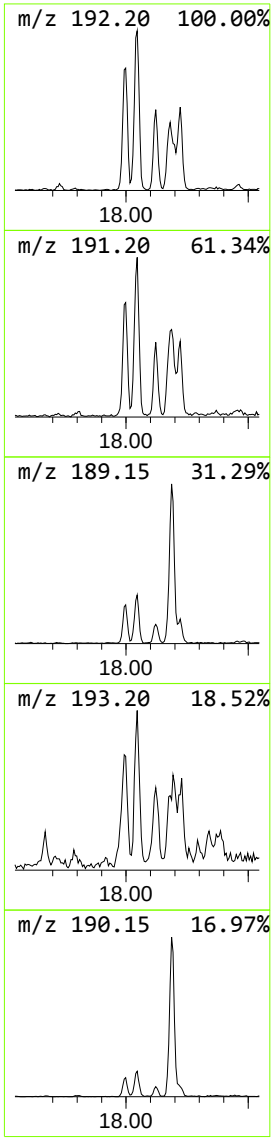
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	7.43 ng	159256	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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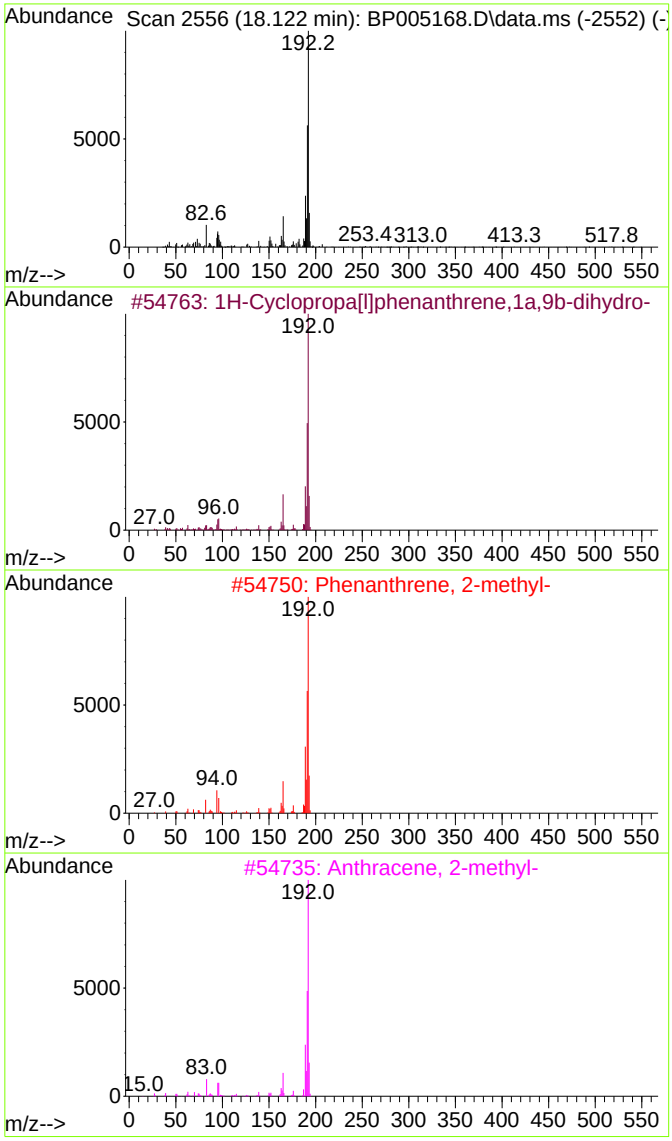
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

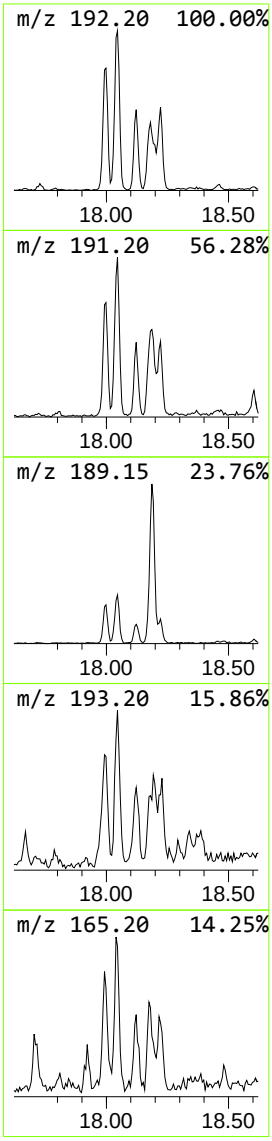
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.74 ng	58781	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

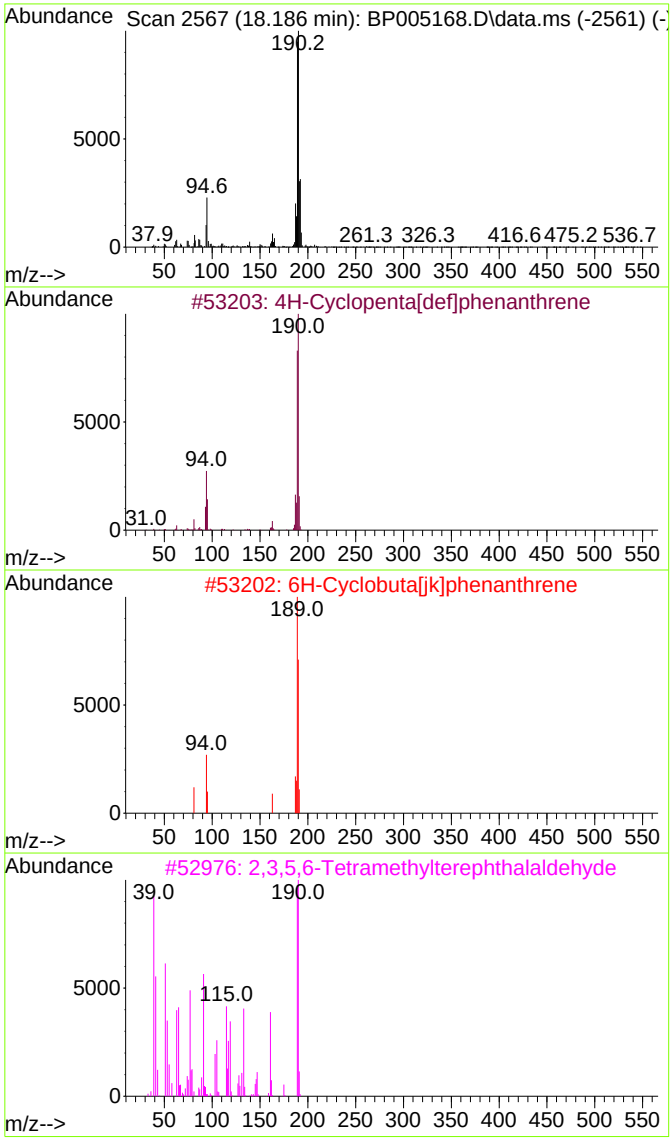
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

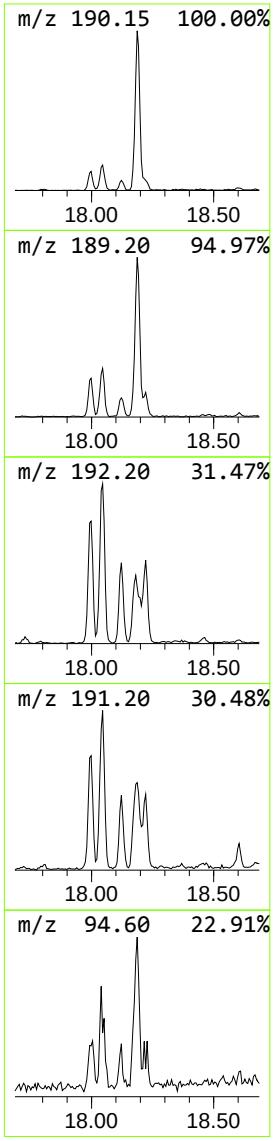
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	9.18 ng	196776	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

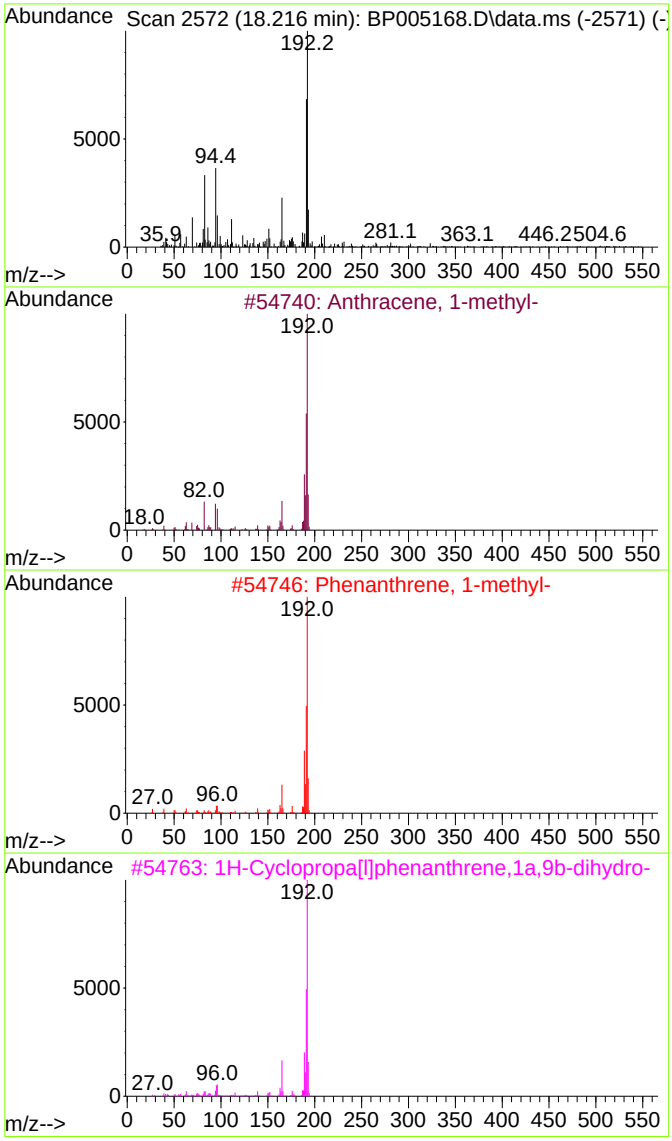
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

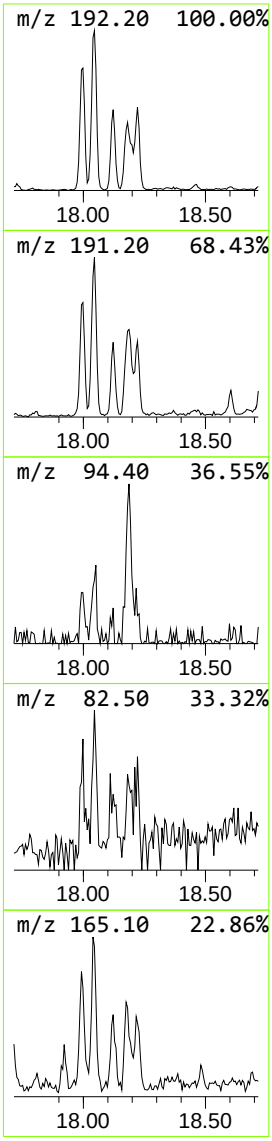
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.21 ng	47410	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





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Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

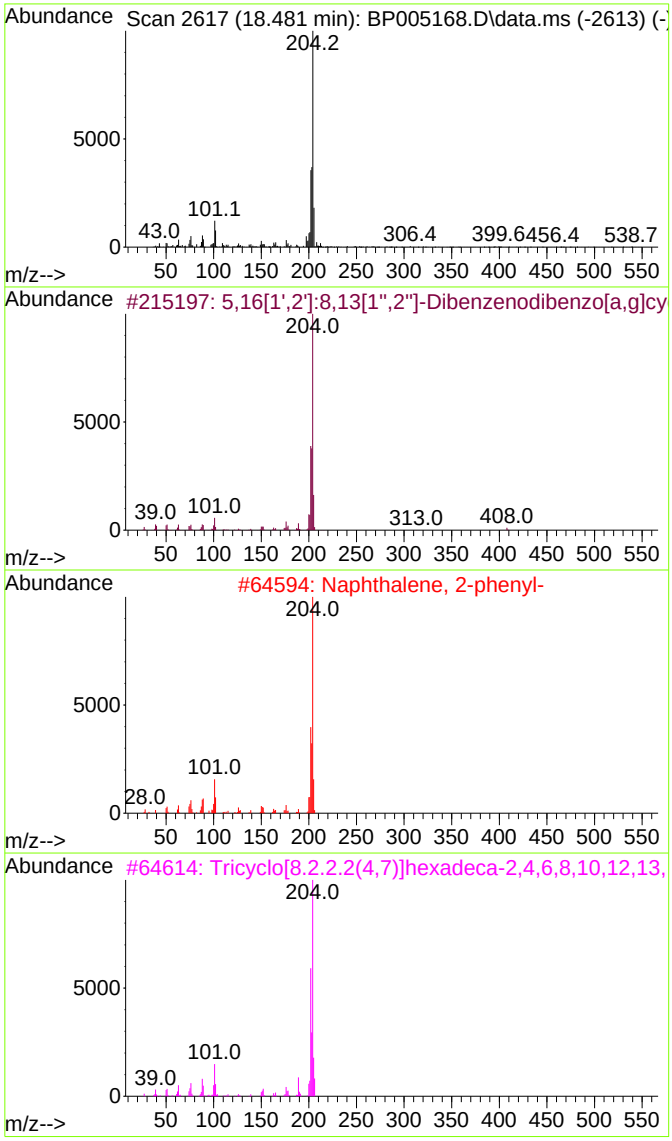
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

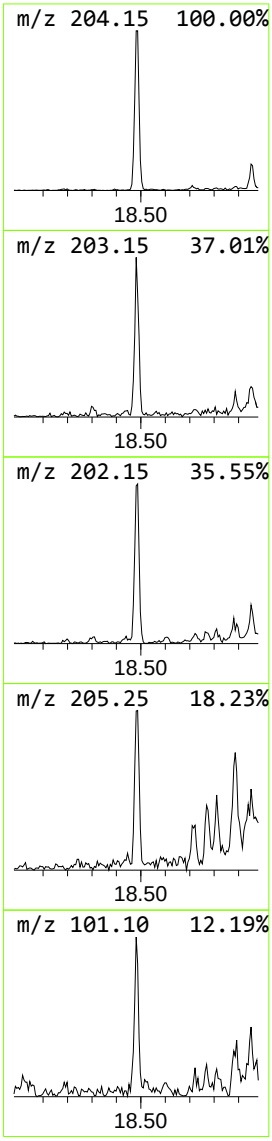
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.481	3.43 ng	73555	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5	.alpha.-(p-Chlorophenyl)cinnamon...	239	C15H10ClN	003695-93-0	56





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Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

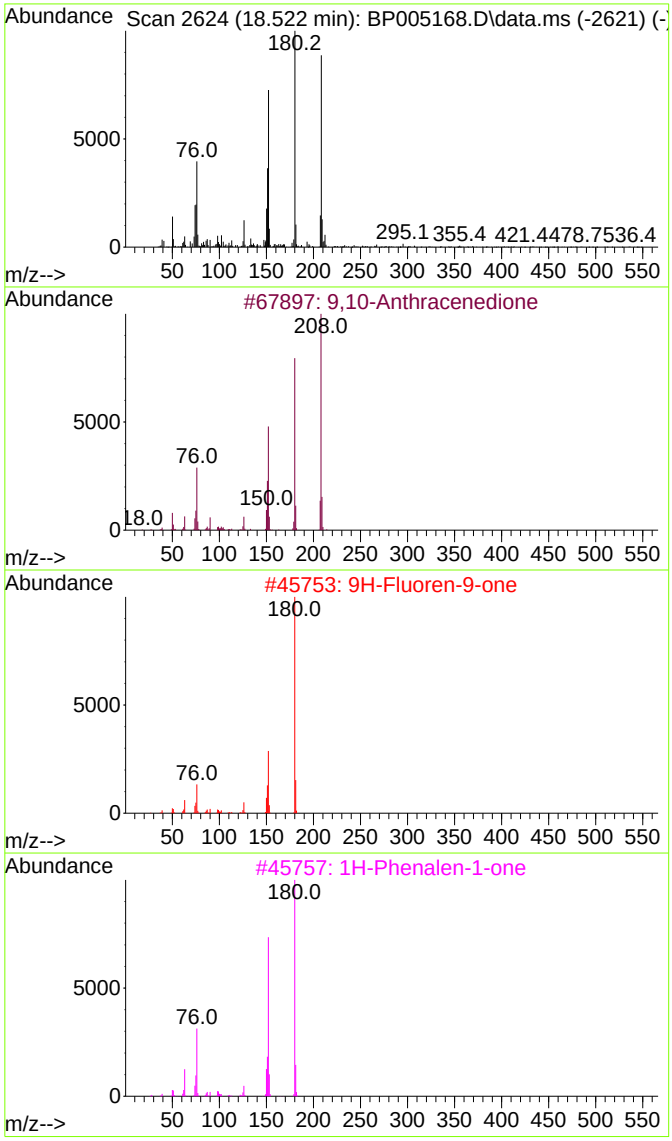
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

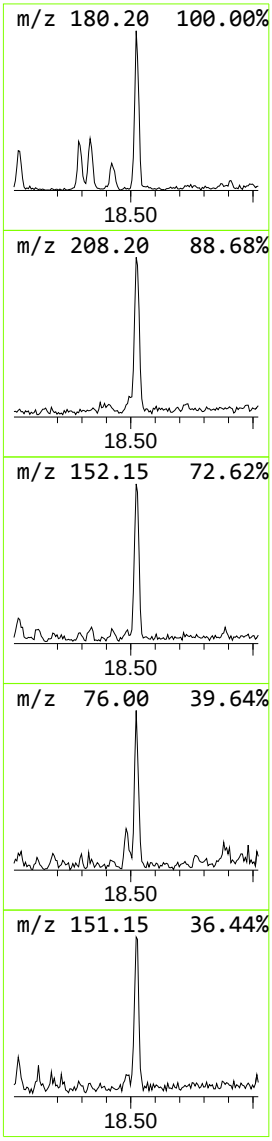
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	3.17 ng	67907	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
5	Carbazole-9-ethanol	211	C14H13NO	001484-14-6	47





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Misc :
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Instrument :
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ClientSampleId :
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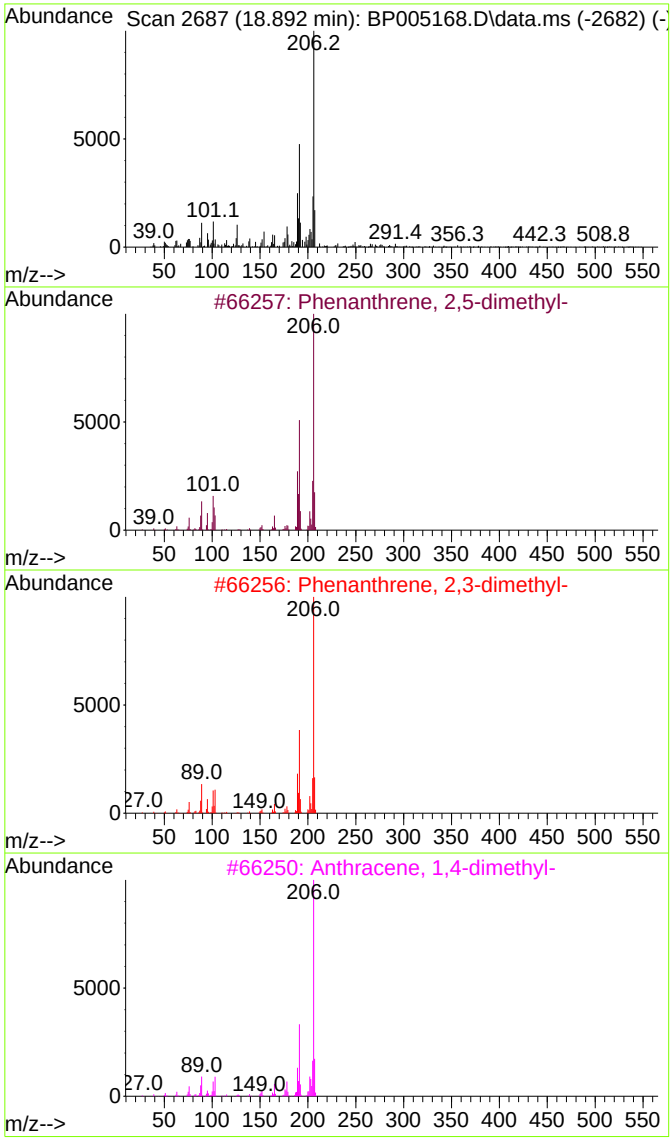
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

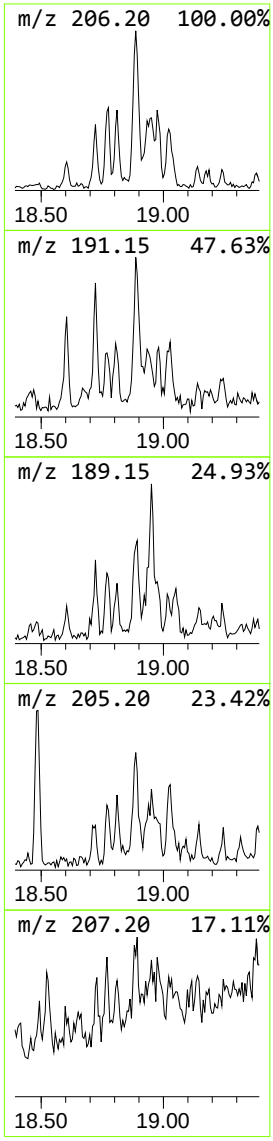
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	2.23 ng	47706	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

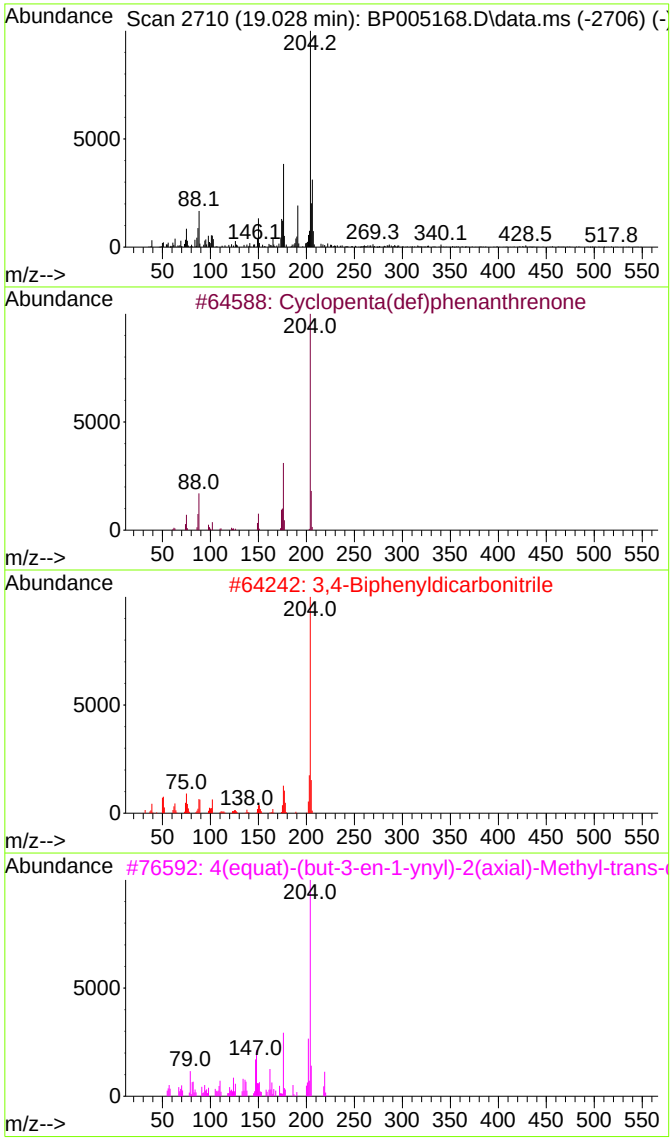
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

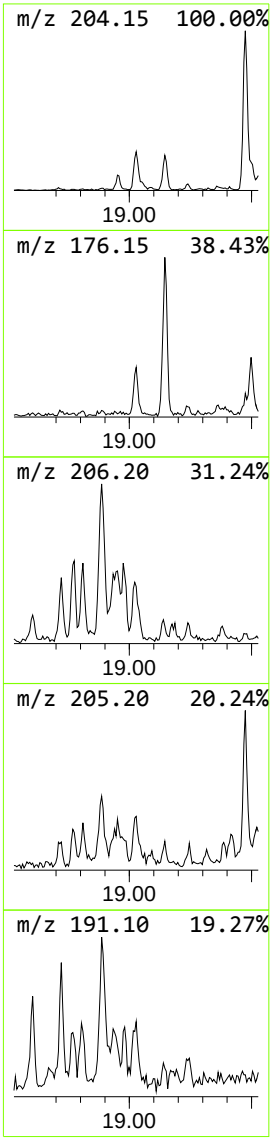
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	2.32 ng	49815	Phenanthrene-d10	17.122

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	50
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





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Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

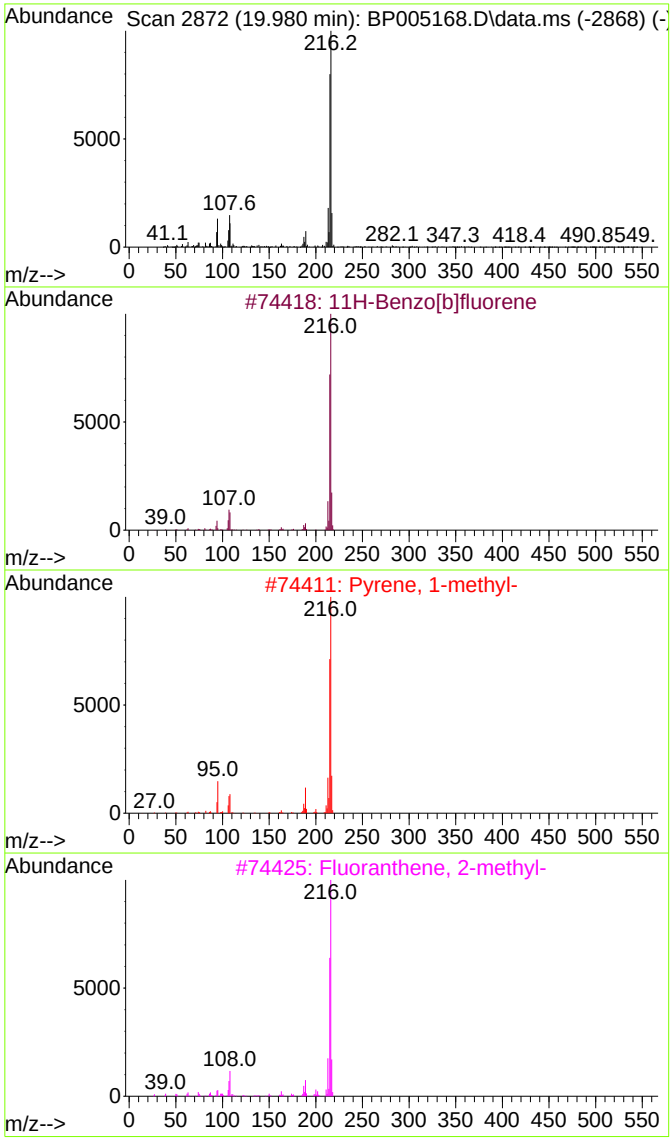
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

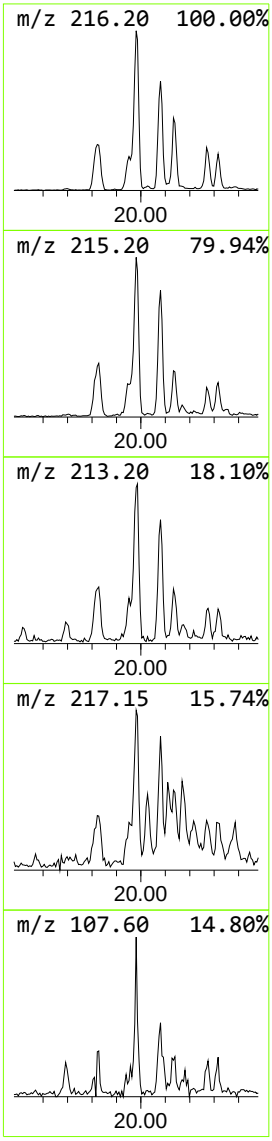
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	3.34 ng	192510	Chrysene-d12	21.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

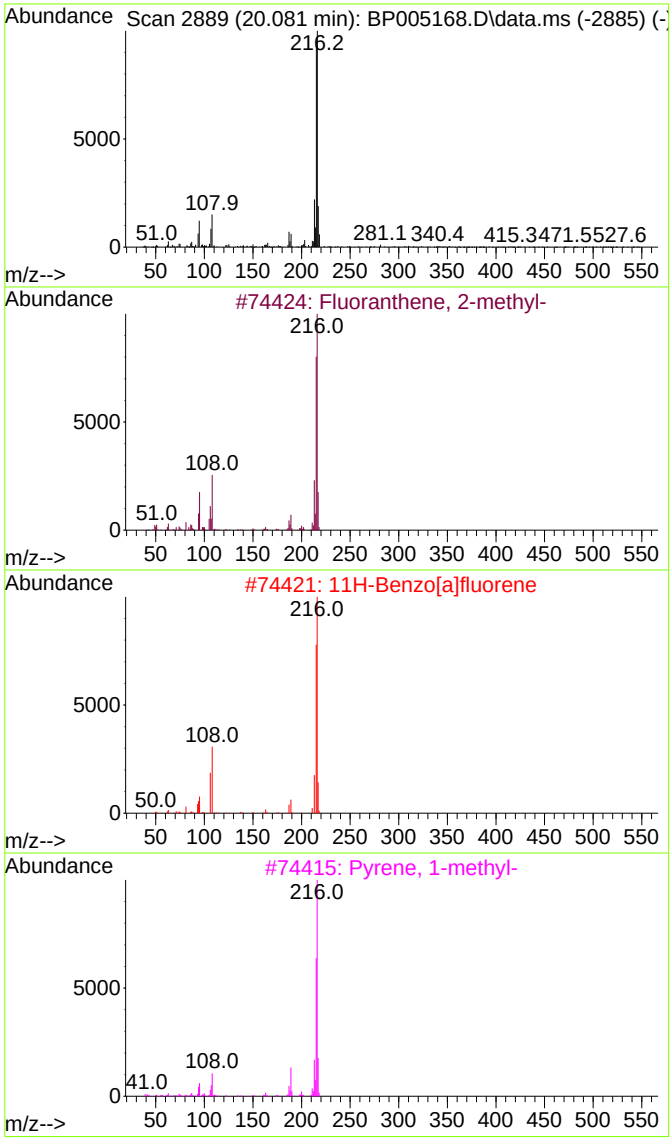
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

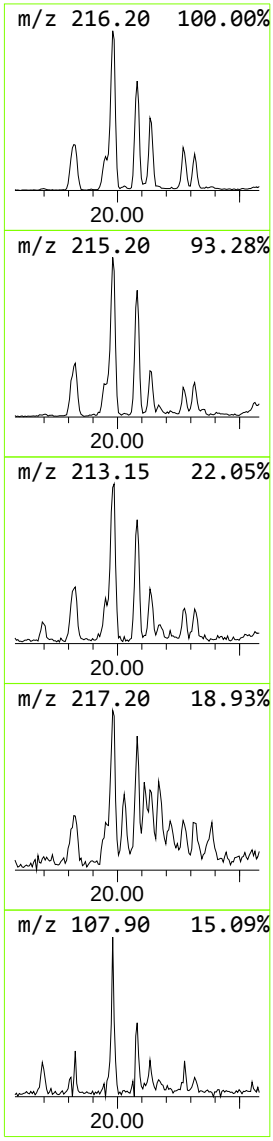
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.081	2.04 ng	117562	Chrysene-d12	21.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	59





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Misc :
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Instrument : BNA_P
ClientSampleId : B3-0-2

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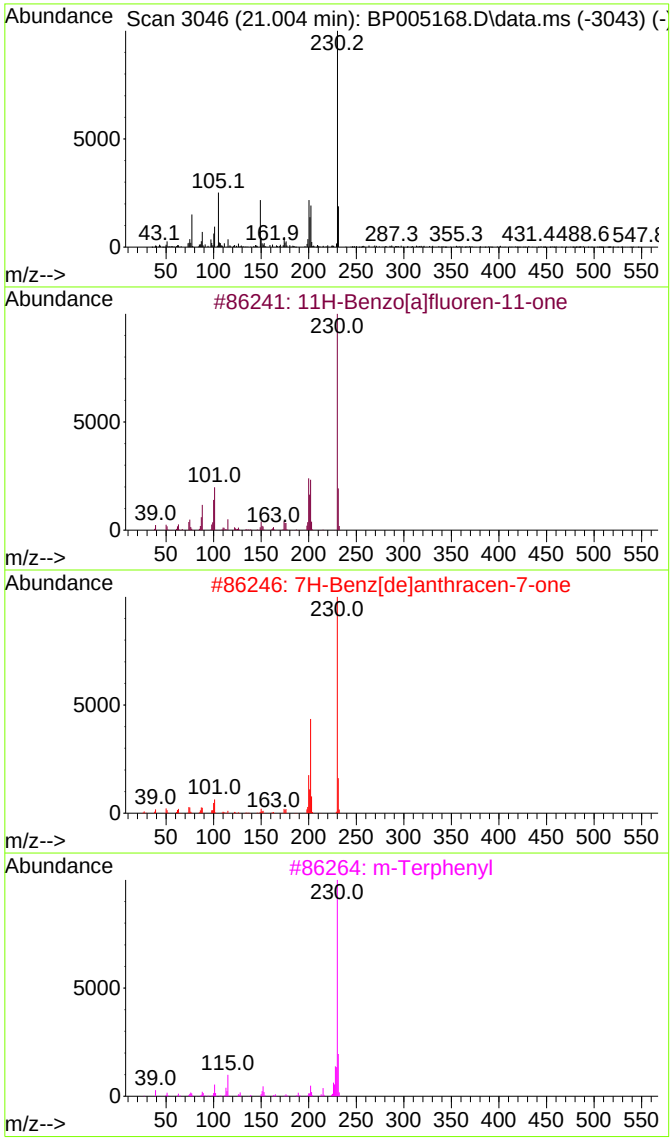
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

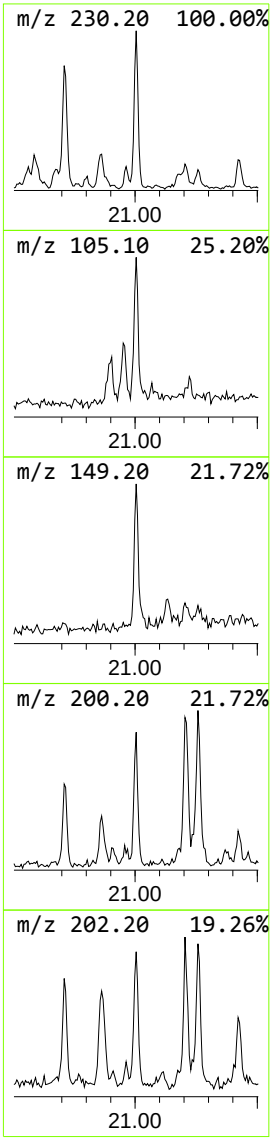
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.004	2.60 ng	150194	Chrysene-d12	21.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	m-Terphenyl	230	C18H14	000092-06-8	43
4	p-Terphenyl	230	C18H14	000092-94-4	38
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	38





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Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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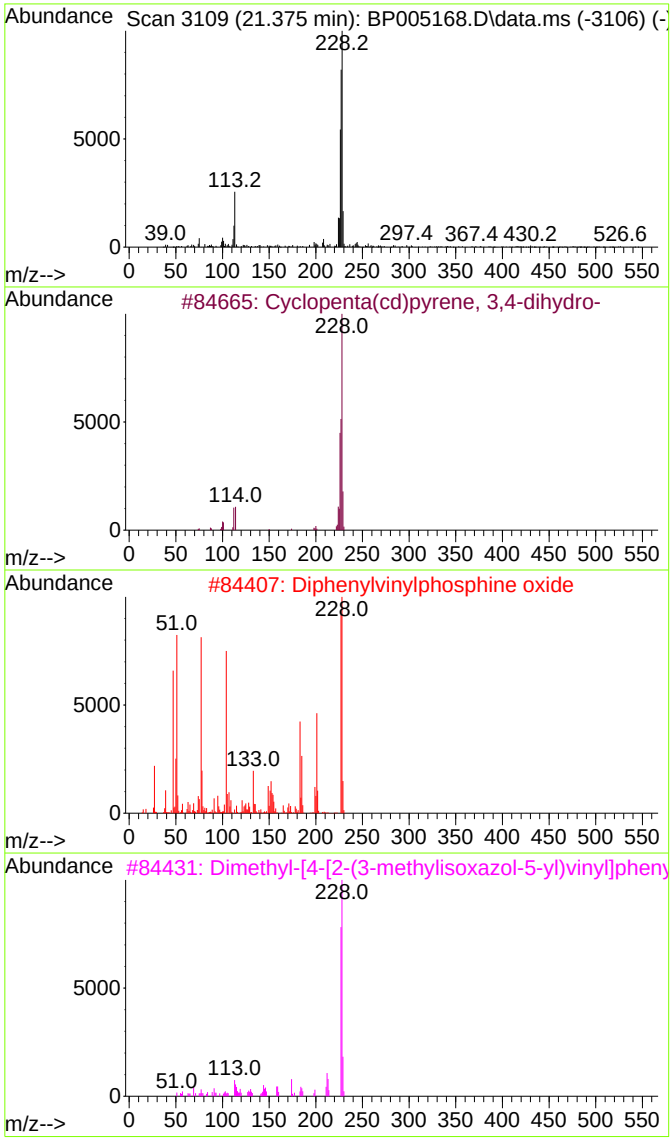
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

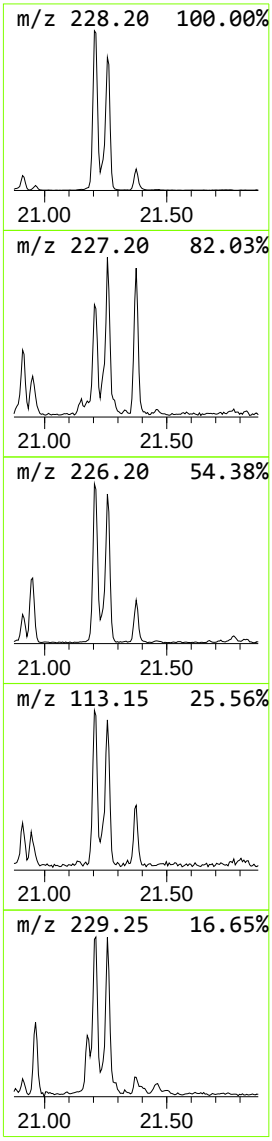
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.375	2.07 ng	119275	Chrysene-d12	21.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	40





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Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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
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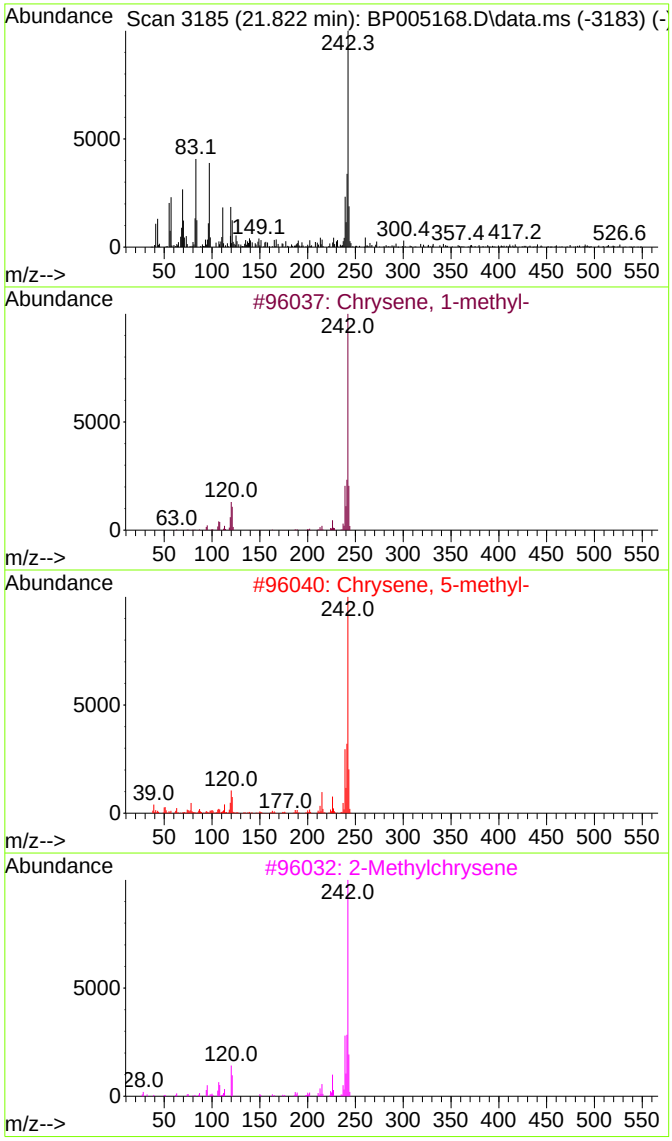
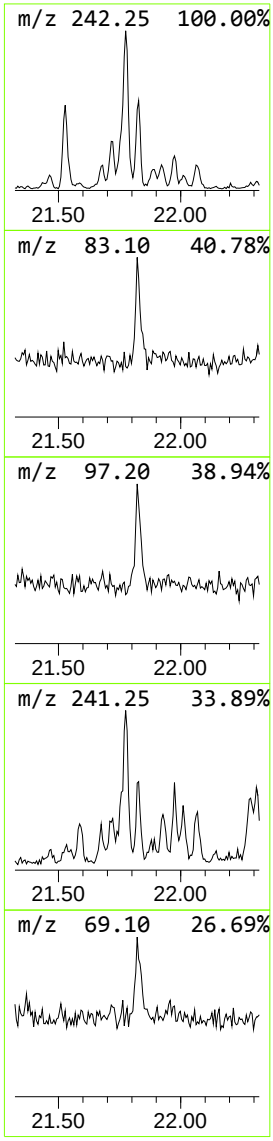
Peak Number 18 unknown21.822 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.822	2.13 ng	122761	Chrysene-d12	21.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	49
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	46
3	2-Methylchrysene	242	C19H14	003351-32-4	46
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	41
5	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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

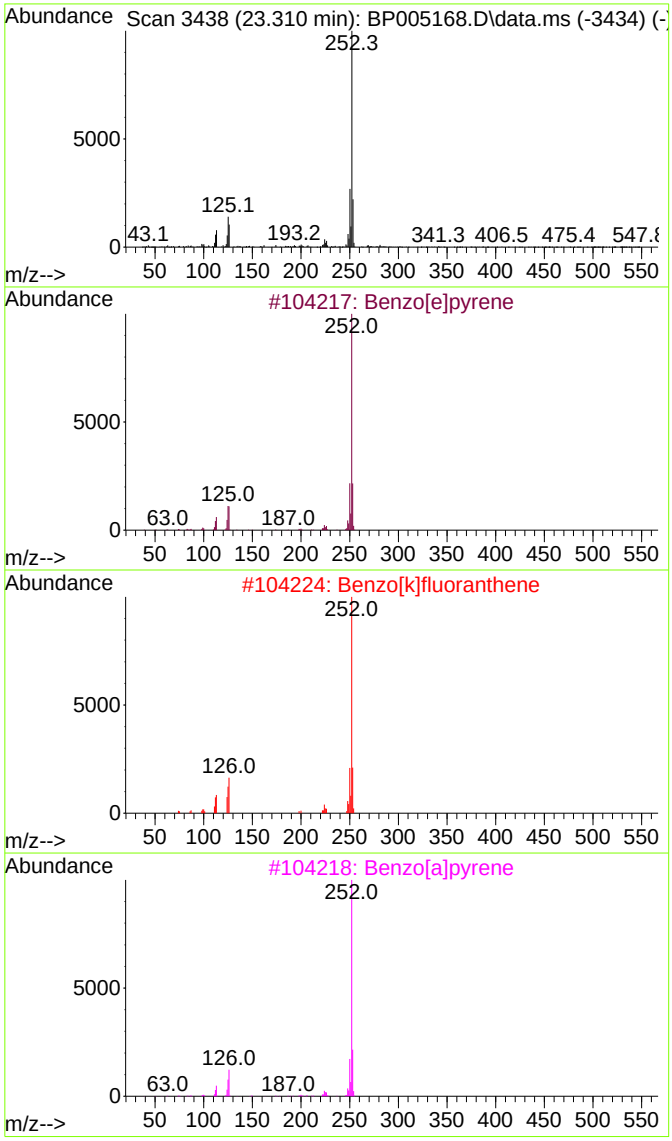
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

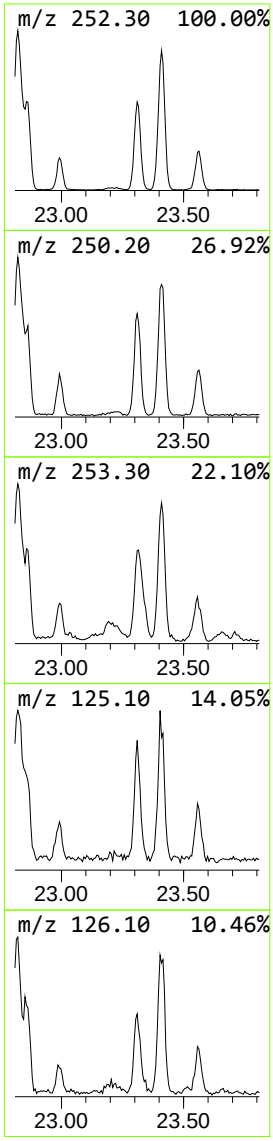
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.310	19.53 ng	367500	Perylene-d12	23.510

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[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005168.D
Acq On : 02 Apr 2021 20:09
Operator : CG/JU
Sample : M1836-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B3-0-2

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
1,4-Methanonaph...	12.169	2.1	ng	29586	2	10.493	282689	20.0
9H-Fluorene, 1-...	16.428	2.0	ng	43424	4	17.122	428662	20.0
9H-Fluoren-9-one	16.781	2.1	ng	45023	4	17.122	428662	20.0
Dibenzothiophene	16.939	3.2	ng	68946	4	17.122	428662	20.0
Phenanthrene, 2...	17.998	4.6	ng	98206	4	17.122	428662	20.0
Anthracene, 2-m...	18.045	7.4	ng	159256	4	17.122	428662	20.0
1H-Cyclopropa[l...	18.122	2.7	ng	58781	4	17.122	428662	20.0
4H-Cyclopenta[d...	18.186	9.2	ng	196776	4	17.122	428662	20.0
Anthracene, 1-m...	18.216	2.2	ng	47410	4	17.122	428662	20.0
5,16[1',2']:8,1...	18.481	3.4	ng	73555	4	17.122	428662	20.0
9,10-Anthracene...	18.522	3.2	ng	67907	4	17.122	428662	20.0
Phenanthrene, 2...	18.892	2.2	ng	47706	4	17.122	428662	20.0
Cyclopenta(def)...	19.028	2.3	ng	49815	4	17.122	428662	20.0
11H-Benzo[b]flu...	19.980	3.3	ng	192510	5	21.222	1154370	20.0
Fluoranthene, 2...	20.081	2.0	ng	117562	5	21.222	1154370	20.0
11H-Benzo[a]flu...	21.004	2.6	ng	150194	5	21.222	1154370	20.0
Cyclopenta(cd)p...	21.375	2.1	ng	119275	5	21.222	1154370	20.0
unknown21.822	21.822	2.1	ng	122761	5	21.222	1154370	20.0
Benzo[e]pyrene	23.310	19.5	ng	367500	6	23.510	376306	20.0