LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025807.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	28	rVB	503466	687457	5.22%	0.458%
2	5.396	412	418	438	rBV	738948	1281660	9.74%	0.853%
3	6.966	679	685	703	rBV	587373	1250749	9.50%	0.833%
4	7.749	809	818	829	rBV	638041	1084532	8.24%	0.722%
5	8.284	901	909	920	rVB	66873	134090	1.02%	0.089%
6	8.896	1007	1013	1028	rBV	444611	832490	6.32%	0.554%
7	10.519	1277	1289	1293	rBV	884293	1497866	11.38%	0.997%
8	10.566	1293	1297	1307	rVB	317004	559203	4.25%	0.372%
9	12.178	1564	1571	1577	rVB	251405	405887	3.08%	0.270%
10	12.395	1601	1608	1617	rVB	221866	424521	3.23%	0.283%
11	12.972	1697	1706	1718	rBV	1395303	2002510	15.21%	1.333%
12	13.525	1794	1800	1808	rBV2	132130	342047	2.60%	0.228%
13	13.678	1820	1826	1831	rBV	254356	435874	3.31%	0.290%
14	13.737	1831	1836	1841	rVB	131930	212264	1.61%	0.141%
15	13.813	1841	1849	1854	rBV2	115741	212362	1.61%	0.141%
16	13.919	1859	1867	1871	rBV	127572	232121	1.76%	0.155%
17	14.084	1889	1895	1910	rBV	917982	1401546	10.65%	0.933%
18	14.366	1934	1943	1949	rBV	1360010	2053325	15.60%	1.367%
19	14.431	1949	1954	1963	rVB	464814	744349	5.65%	0.495%
20	14.772	2006	2012	2019	rVV	397207	655865	4.98%	0.437%
21	14.854	2021	2026	2031	rVB	95146	157293	1.19%	0.105%
22	14.995	2043	2050	2054	rBV3	126740	263581	2.00%	0.175%
23	15.172	2072	2080	2083	rBV4	77664	189229	1.44%	0.126%
24	15.254	2089	2094	2100	rVB2	112764	191289	1.45%	0.127%
25	15.378	2112	2115	2119	rVV2	90148	144186	1.10%	0.096%
26	15.431	2119	2124	2137	rVB	821844	1385796	10.53%	0.922%
27	15.654	2157	2162	2167	rBV3	110528	209378	1.59%	0.139%
28	15.748	2171	2178	2193	rVB3	309448	672909	5.11%	0.448%
29	15.889	2193	2202	2210	rBV	1010933	1775021	13.48%	1.182%
30	16.131	2237	2243	2251	rVB3	167235	377384	2.87%	0.251%
31	16.331	2273	2277	2284	rVB5	61763	158610	1.20%	0.106%
32	16.460	2292	2299	2304	rBV2	210331	417104	3.17%	0.278%
33	16.513	2304	2308	2315	rVB3	95052	174341	1.32%	0.116%
34	16.619	2322	2326	2331	rVB	131740	177116	1.35%	0.118%
35	16.736	2343	2346	2350	rVB	125398	151929	1.15%	0.101%
36	16.825	2357	2361	2368	rVB3	91910	160996	1.22%	0.107%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-091725

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.901	2370	2374	2378	rBV2	93860	163223	1.24%	0.109%
38	16.989	2384	2389	2399	rVB	418734	673286	5.11%	0.448%
39	17.178	2415	2421	2424	rBV	1383989	2311489	17.56%	1.539%
40	17.219	2424	2428	2436	rVV	4858285	6756224	51.33%	4.497%
41	17.313	2439	2444	2450	rVV	1467282	2172858	16.51%	1.446%
42	17.372	2450	2454	2460	rVB2	210932	366324	2.78%	0.244%
43	17.607	2488	2494	2503	rBV	393198	827994	6.29%	0.551%
44	17.707	2508	2511	2518	rVV2	215737	371466	2.82%	0.247%
45	17.772	2519	2522	2533	rVB2	202229	355930	2.70%	0.237%
46	17.925	2544	2548	2555	rVB	107974	214289	1.63%	0.143%
47	18.083	2569	2575	2578	rBV	756840	1190636	9.05%	0.793%
48	18.130	2578	2583	2589	rVB	1140779	1888442	14.35%	1.257%
49	18.213	2593	2597	2603	rVV	426739	669938	5.09%	0.446%
50	18.283	2603	2609	2613	rVV2	1498033	2757827	20.95%	1.836%
51	18.325	2613	2616	2623	rVB	601920	835894	6.35%	0.556%
52	18.489	2641	2644	2649	rVB2	140433	184307	1.40%	0.123%
53	18.601	2659	2663	2668	rBV	528195	668465	5.08%	0.445%
54	18.654	2668	2672	2676	rVB2	198620	321074	2.44%	0.214%
55	18.825	2697	2701	2703	rBV	105317	141260	1.07%	0.094%
56	18.860	2703	2707	2712	rVV2	164229	285429	2.17%	0.190%
57	18.913	2713	2716	2720	rVV	273993	395507	3.00%	0.263%
58	18.954	2720	2723	2727	rVB2	230034	304694	2.31%	0.203%
59	19.036	2732	2737	2741	rBV	712222	1156153	8.78%	0.770%
60	19.095	2741	2747	2750	rBV5	340398	689392	5.24%	0.459%
61	19.177	2756	2761	2769	rBV2	320482	783882	5.96%	0.522%
62	19.313	2777	2784	2790	rBV	7342129	11924717	90.59%	7.937%
63	19.366	2790	2793	2797	rVV3	312018	498815	3.79%	0.332%
64	19.407	2797	2800	2803	rVV2	231615	306318	2.33%	0.204%
65	19.460	2805	2809	2813	rVB	577330	793683	6.03%	0.528%
66	19.560	2822	2826	2837	rVB2	372167	911336	6.92%	0.607%
67	19.689	2838	2848	2856	rVV2	7225034	13163175	100.00%	8.762%
68	19.754	2856	2859	2867	rVB2	424190	770566	5.85%	0.513%
69	19.866	2874	2878	2879	rBV3	445499	516443	3.92%	0.344%
70	19.895	2879	2883	2887	rVV	2304993	2936404	22.31%	1.955%
71	19.942	2887	2891	2896	rVB3	263084	502847	3.82%	0.335%
72	20.024	2900	2905	2911	rBV2	786554	1687386	12.82%	1.123%
73	20.160	2923	2928	2931	rBV4	607831	1161276	8.82%	0.773%
74	20.201	2931	2935	2939	rVB	1464311	2285383	17.36%	1.521%
75	20.307	2949	2953	2957	rBV	1514512	1885217	14.32%	1.255%
76	20.366	2957	2963	2967	rBV2	1032825	1678312	12.75%	1.117%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.501	2982	2986	2990	rBV2	605062	806440	6.13%	0.537%
78	20.554	2991	2995	3000	rBV	553449	919388	6.98%	0.612%
79	20.948	3059	3062	3066	rBV	251486	328747	2.50%	0.219%
80	20.995	3067	3070	3077	rVB2	477237	727445	5.53%	0.484%
81	21.177	3098	3101	3105	rVB2	488712	700453	5.32%	0.466%
82	21.224	3106	3109	3114	rVB	646543	818885	6.22%	0.545%
83	21.277	3114	3118	3123	rBV3	735405	1249448	9.49%	0.832%
84	21.607	3168	3174	3181	rBV2	4716624	11050900	83.95%	7.356%
85	21.671	3181	3185	3196	rVB	4299087	6834836	51.92%	4.549%
86	21.813	3206	3209	3214	rBV	679215	1092445	8.30%	0.727%
87	22.389	3304	3307	3312	rVB	798076	1188845	9.03%	0.791%
88	22.460	3316	3319	3324	rVB	530820	715825	5.44%	0.476%
89	23.918	3558	3567	3575	rBV	2717482	9880376	75.06%	6.577%
90	24.189	3608	3613	3621	rVB	819171	1703645	12.94%	1.134%
91	24.665	3689	3694	3710	rVB	1701774	5281039	40.12%	3.515%
92	24.842	3715	3724	3733	rVB	2843271	8214710	62.41%	5.468%
93	24.977	3742	3747	3755	rVB	717473	1603582	12.18%	1.067%
94	25.060	3755	3761	3767	rBV2	677068	1686776	12.81%	1.123%
95	28.830	4397	4402	4421	rVB2	1265598	4864759	36.96%	3.238%

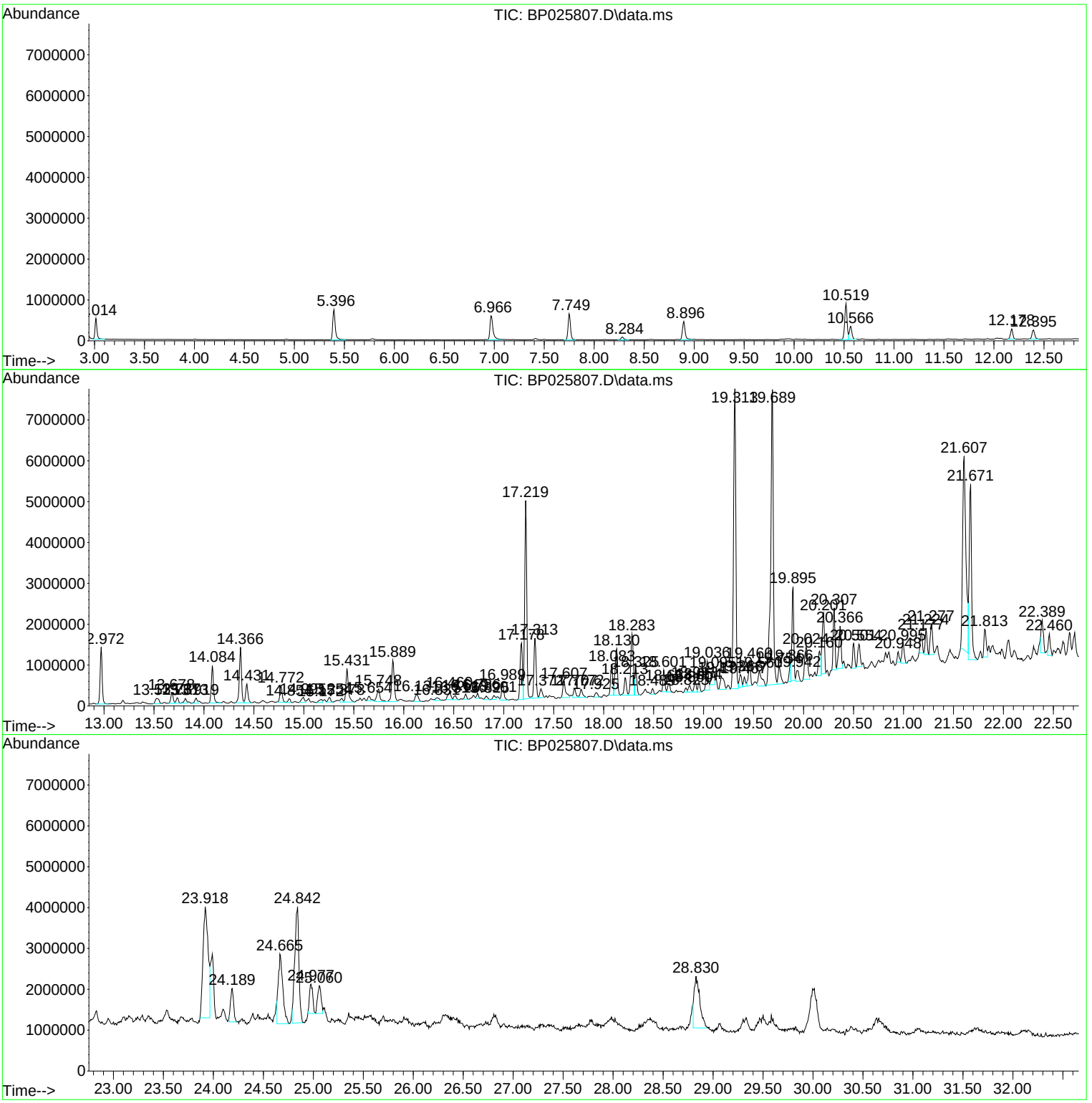
Sum of corrected areas: 150233285

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

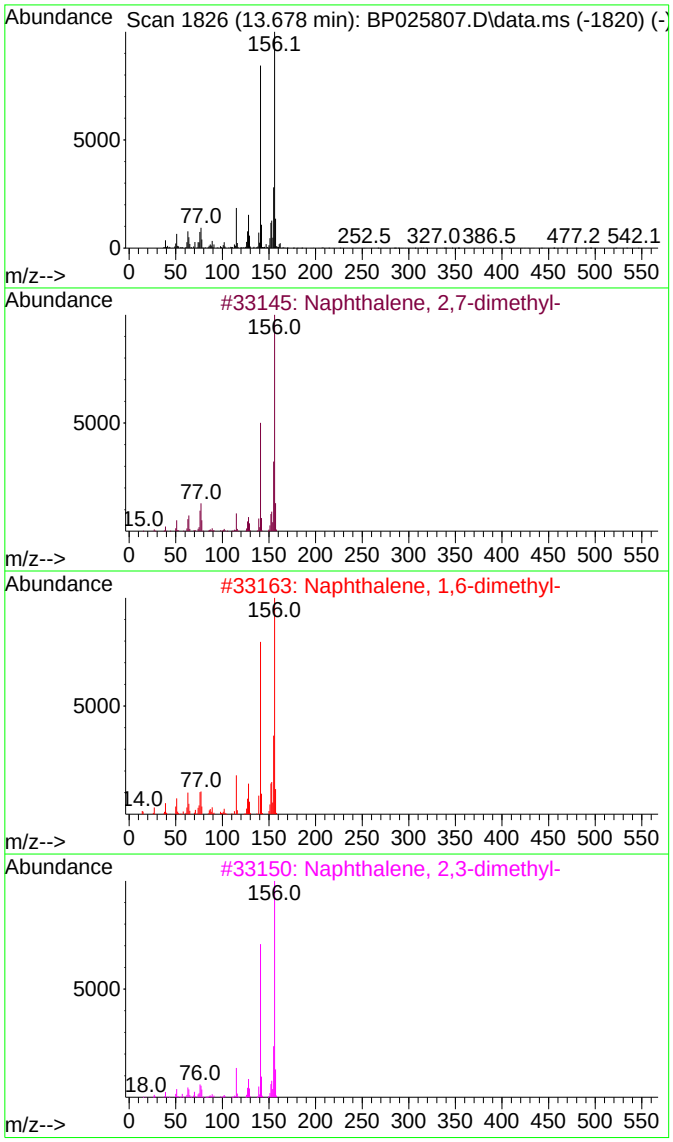
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

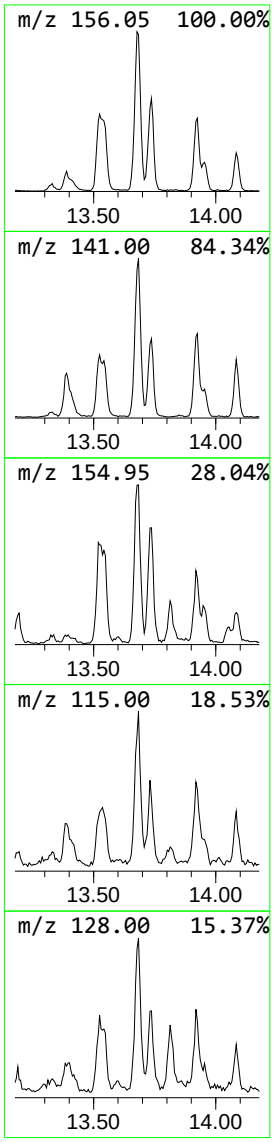
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.678	4.25 ng	435874	Acenaphthene-d10	14.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

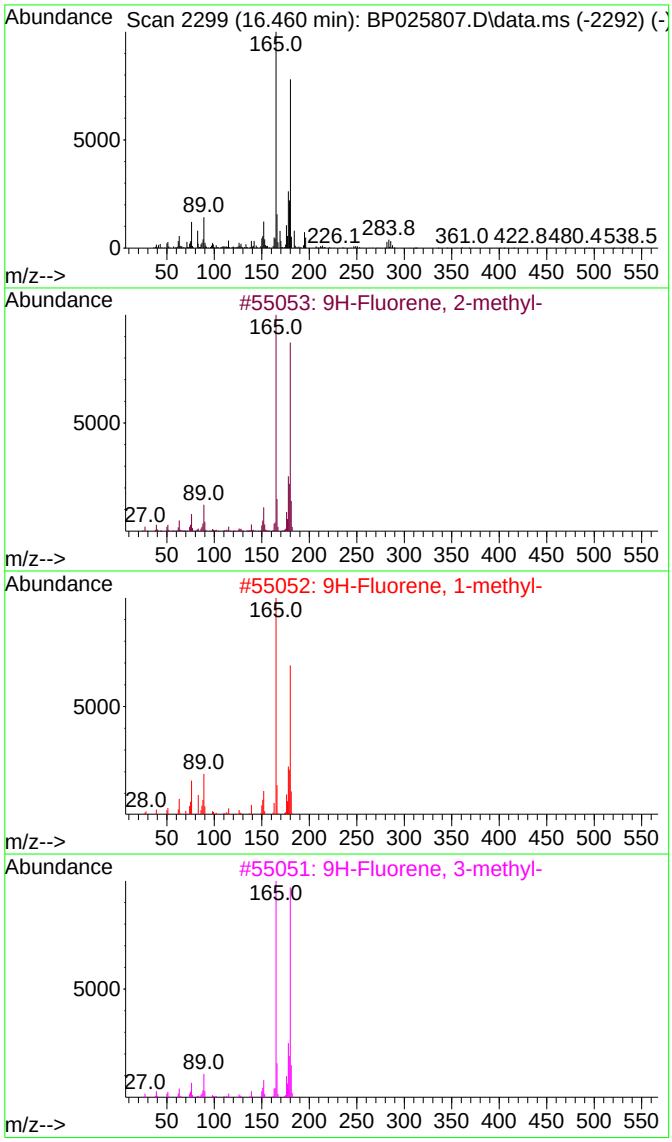
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

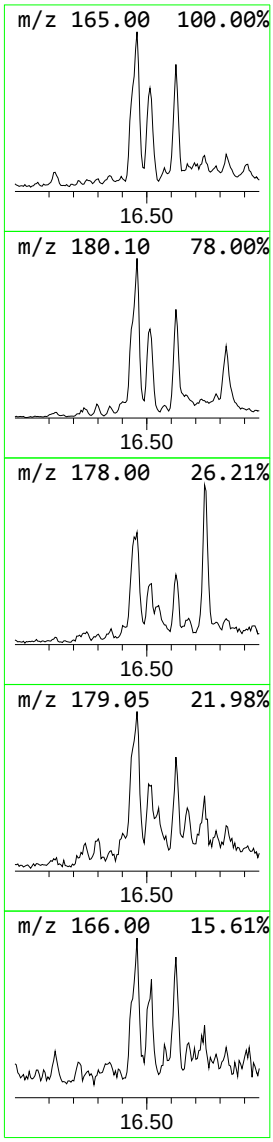
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.460	3.61 ng	417104	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

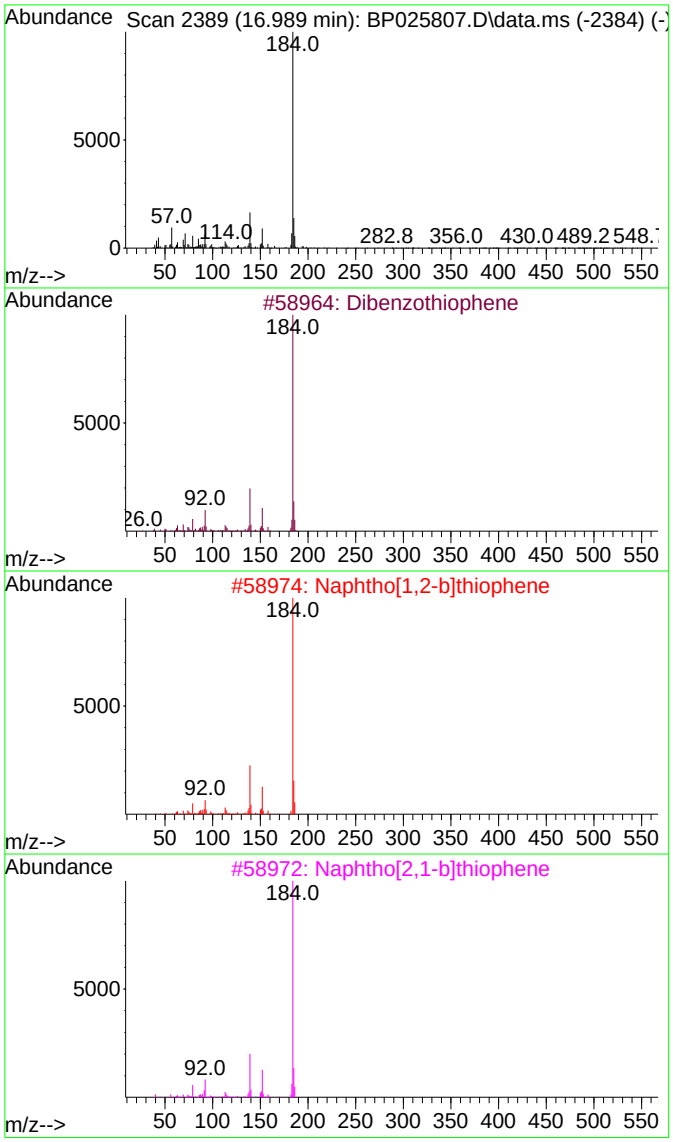
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

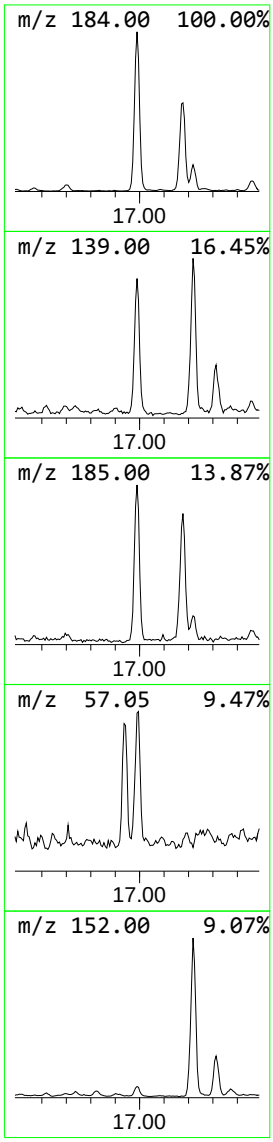
****

Peak Number 5 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.989	5.83 ng	673286	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

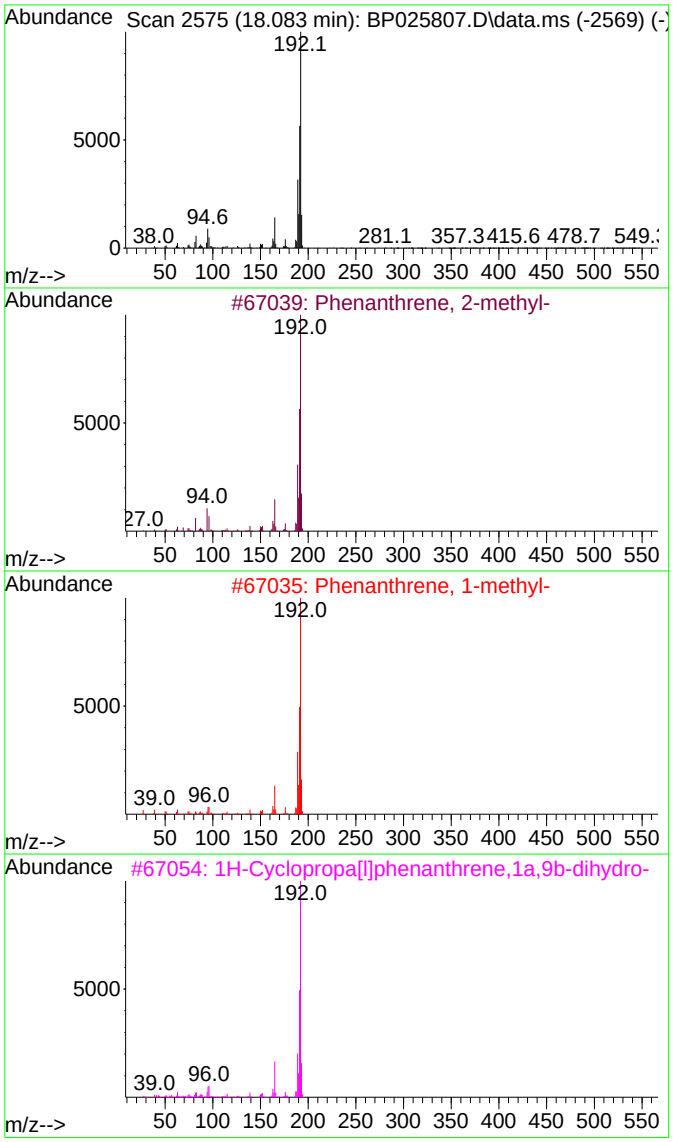
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

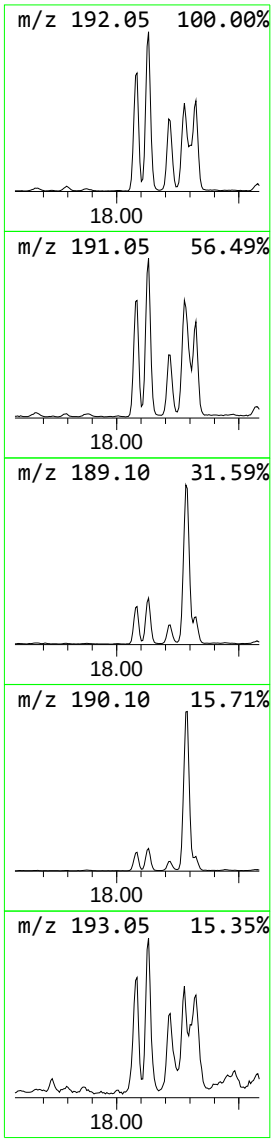
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	10.30 ng	1190640	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

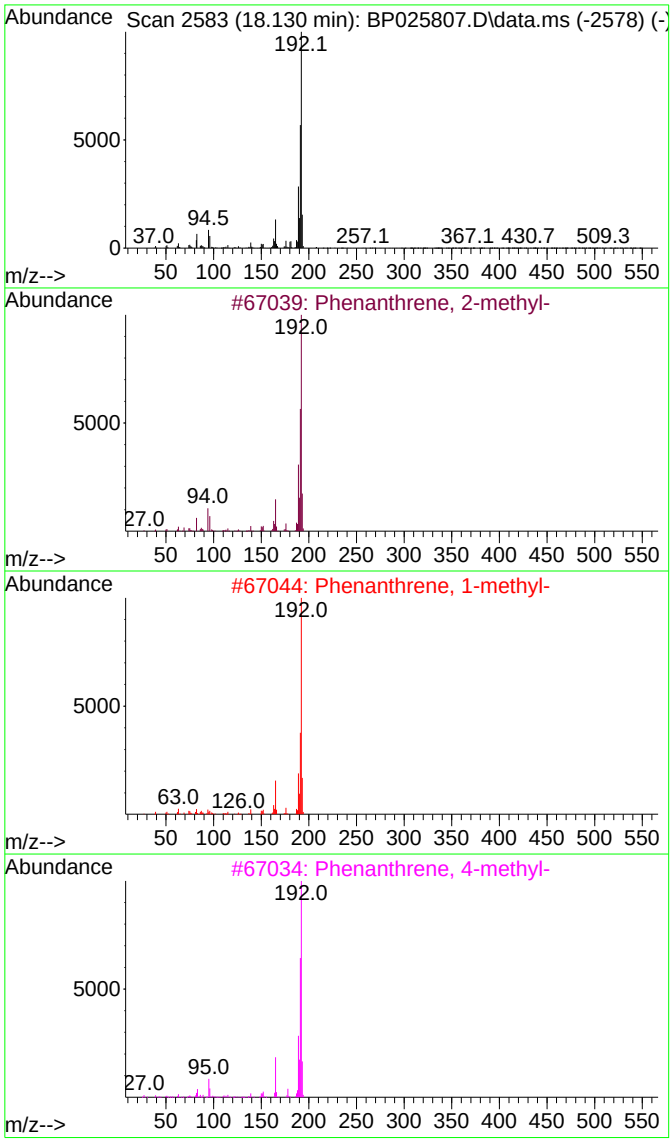
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

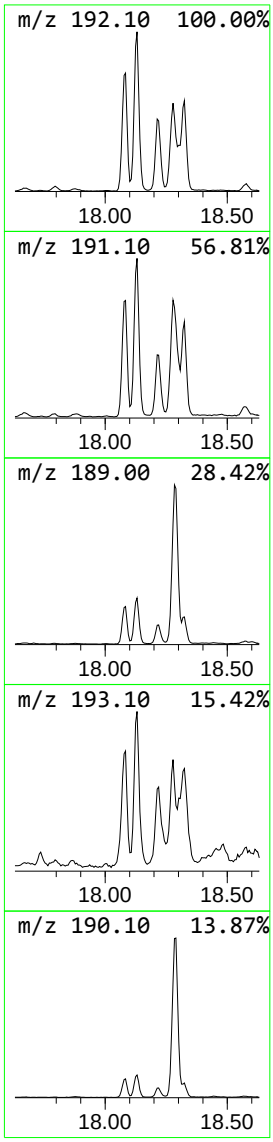
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	16.34 ng	1888440	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

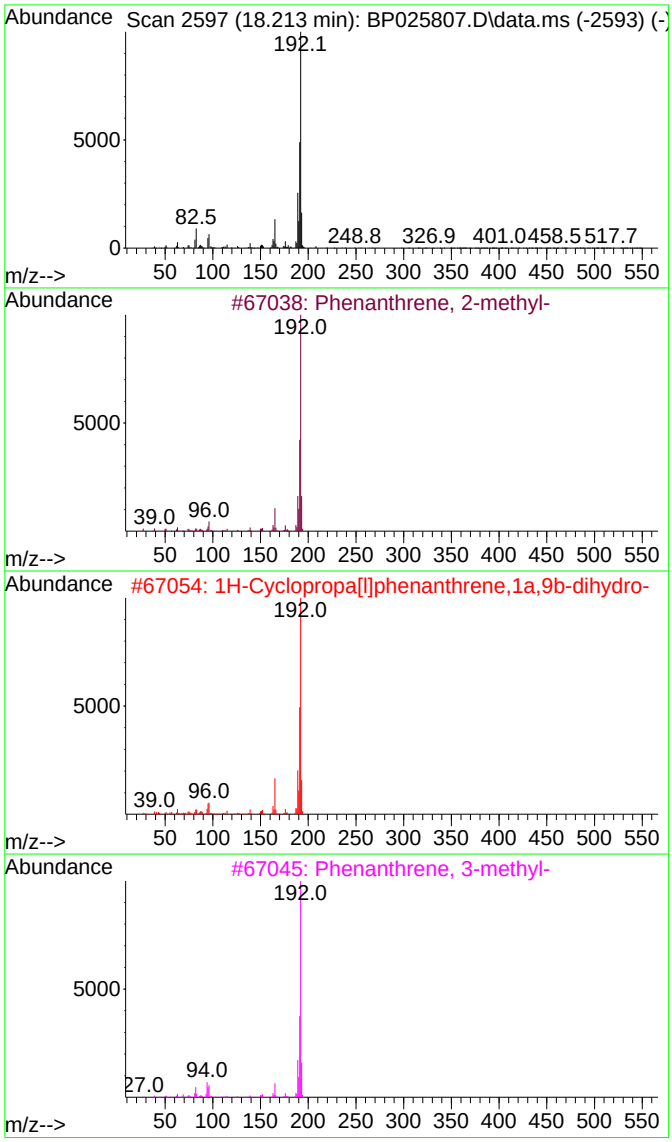
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

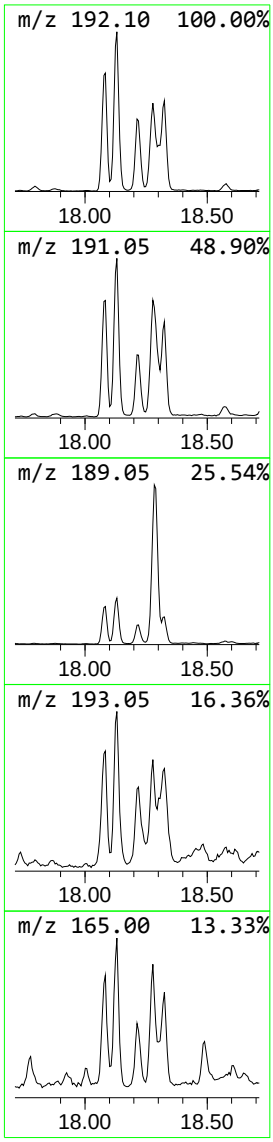
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.213	5.80 ng	669938	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

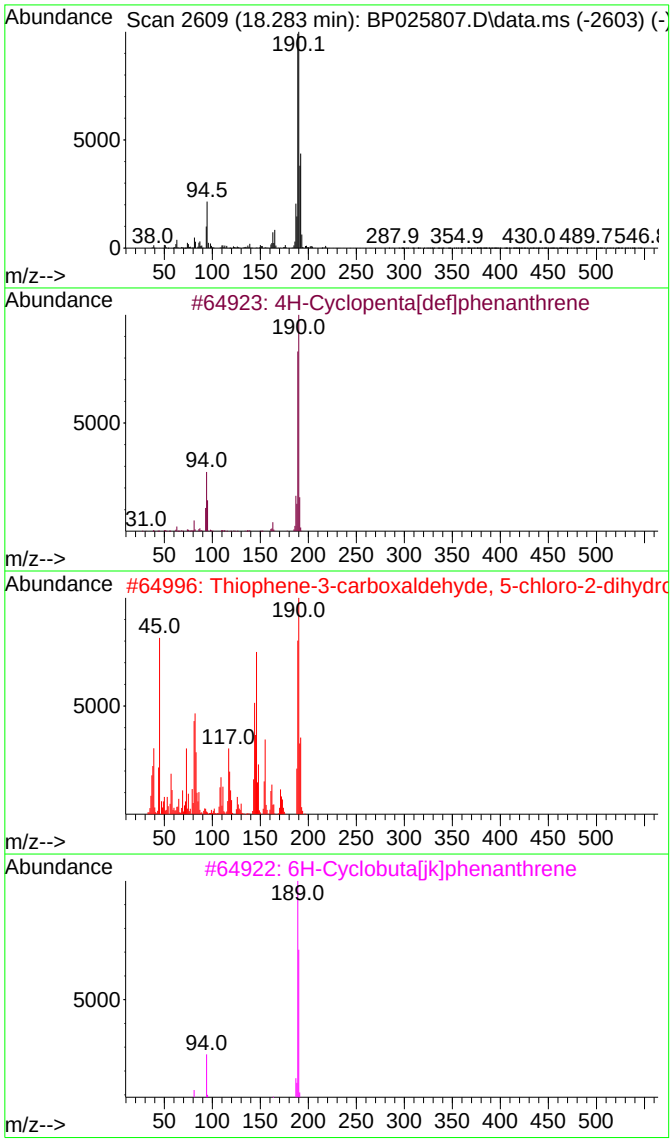
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

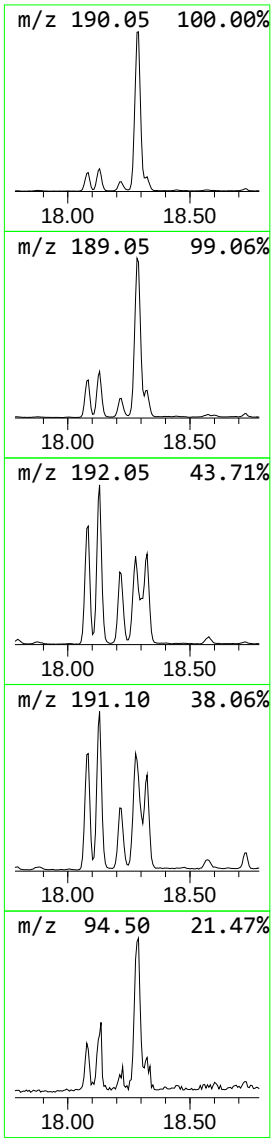
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.283	23.86 ng	2757830	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-091725

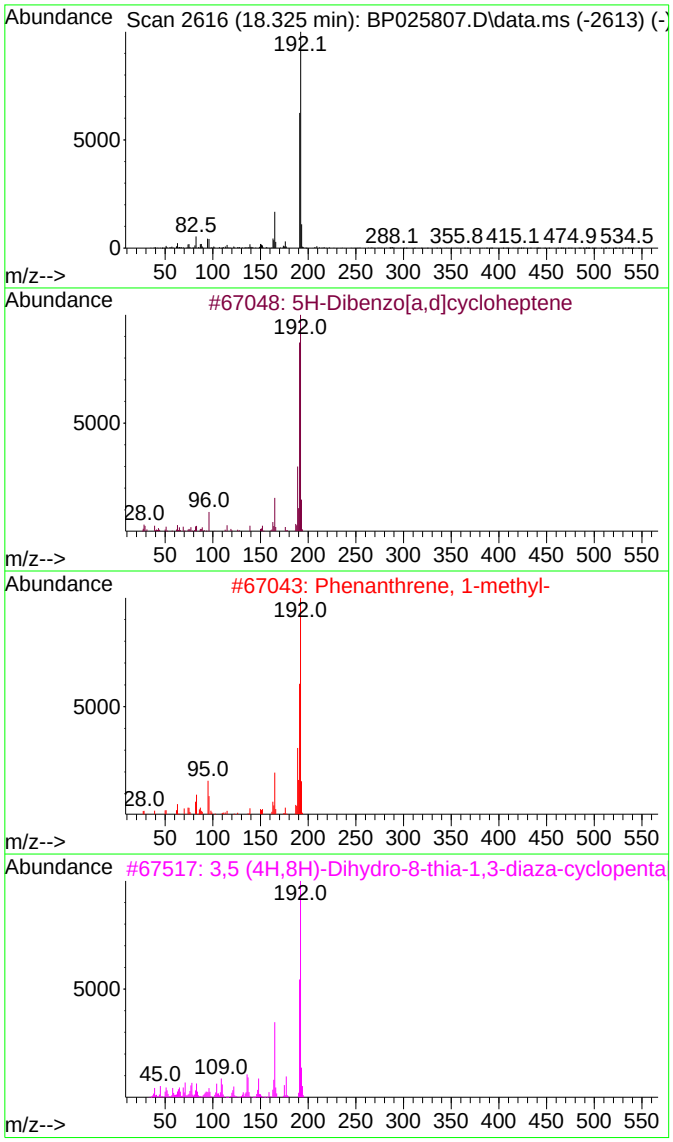
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

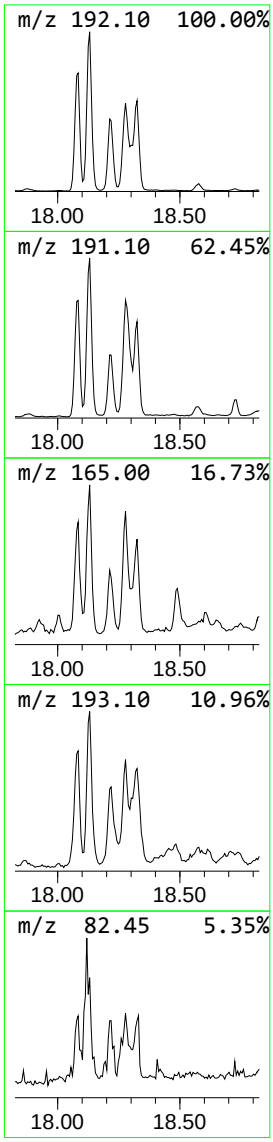
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	7.23 ng	835894	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	3,5 (4H,8H)-Dihydro-8-thia-1,3-d...	192	C9H8N2OS	014346-25-9	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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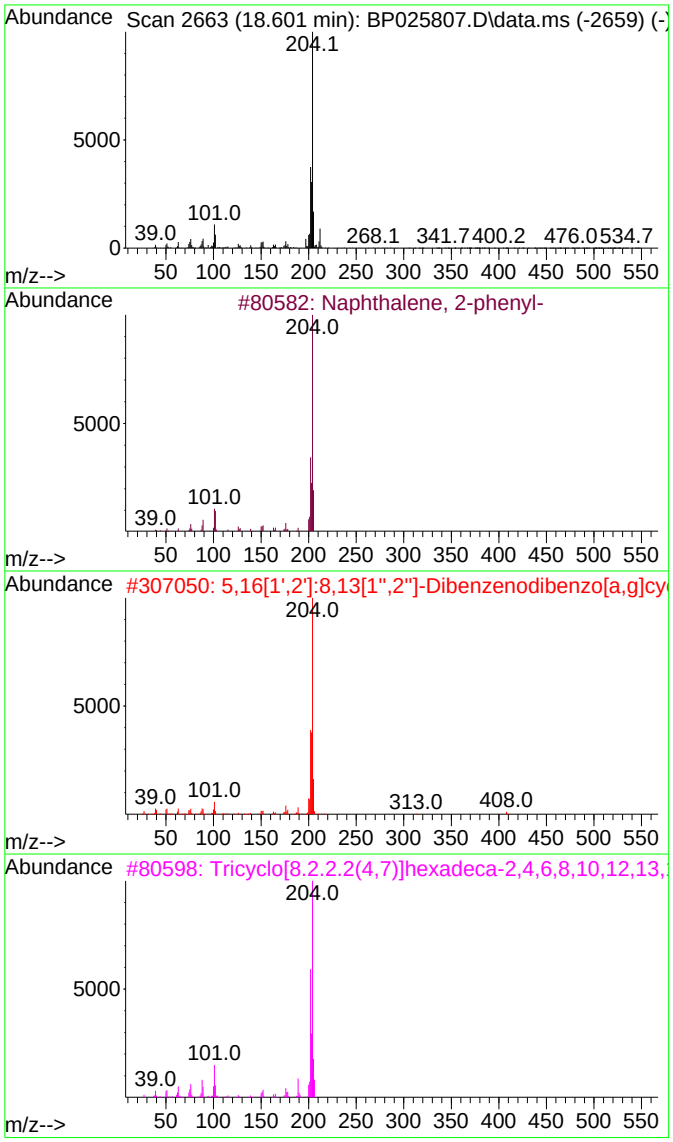
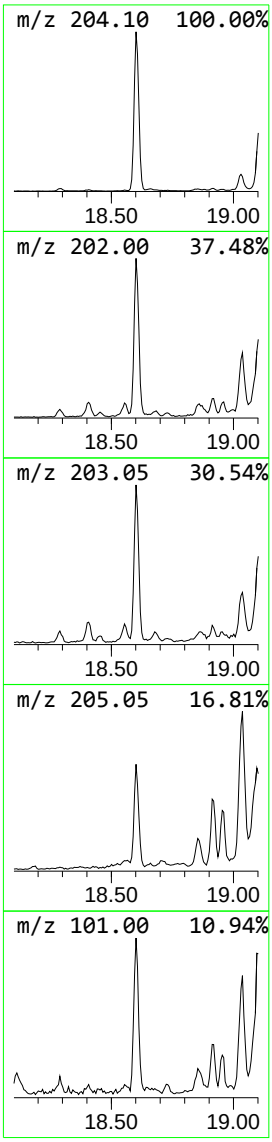
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.601	5.78 ng	668465	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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Acq On : 19 Sep 2025 20:37
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Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-091725

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

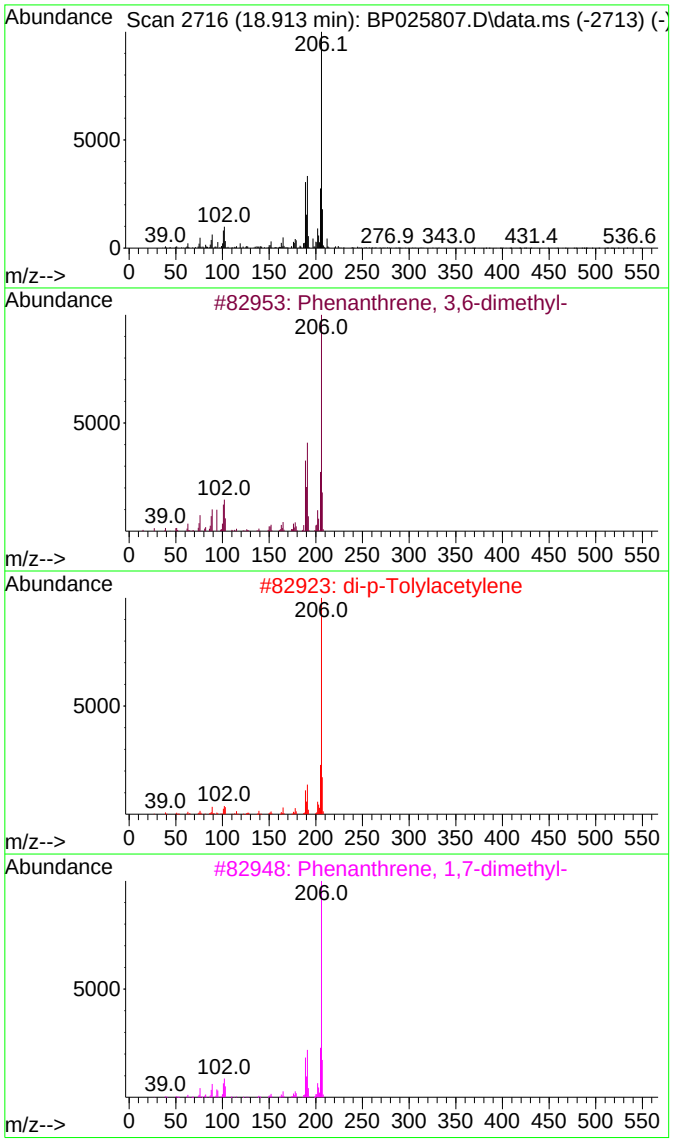
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

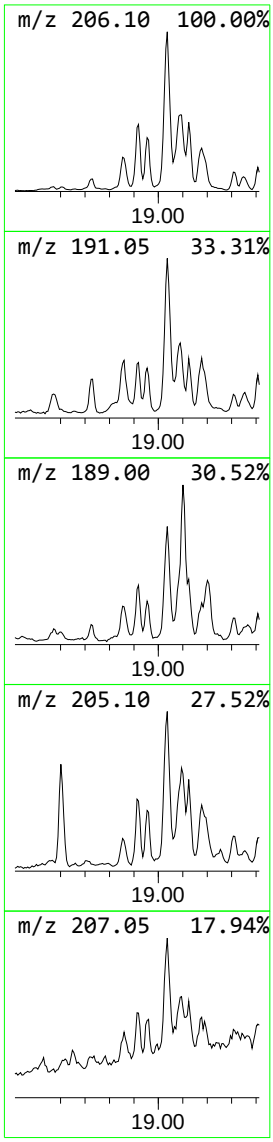
****

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.913	3.42 ng	395507	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76





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Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

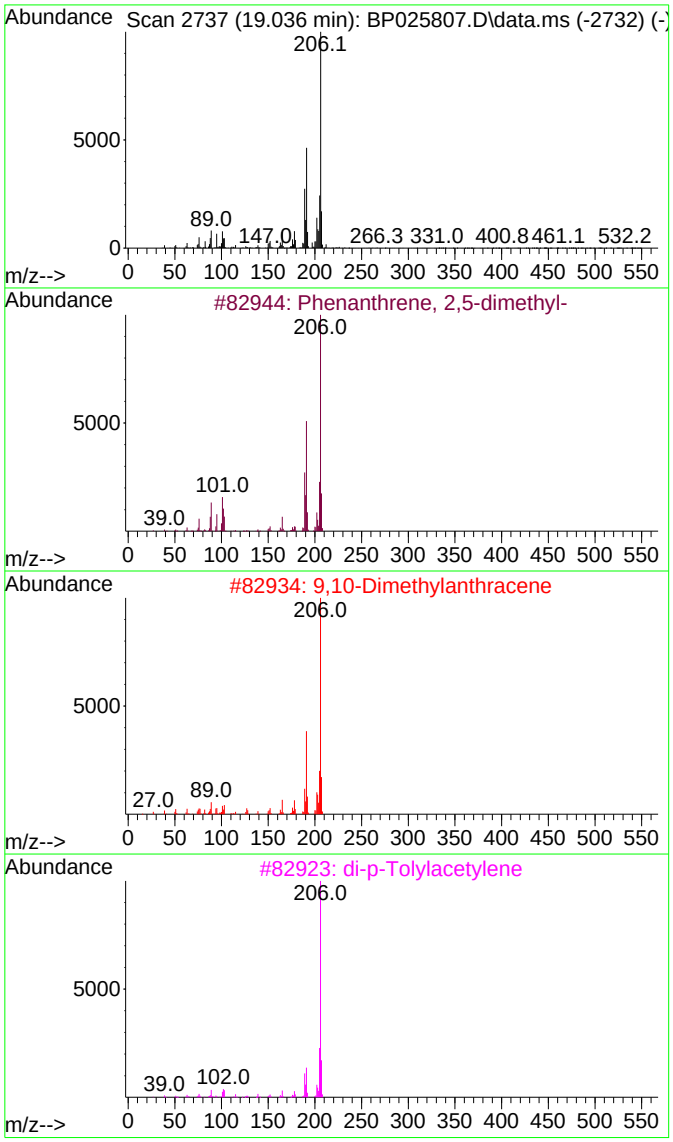
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

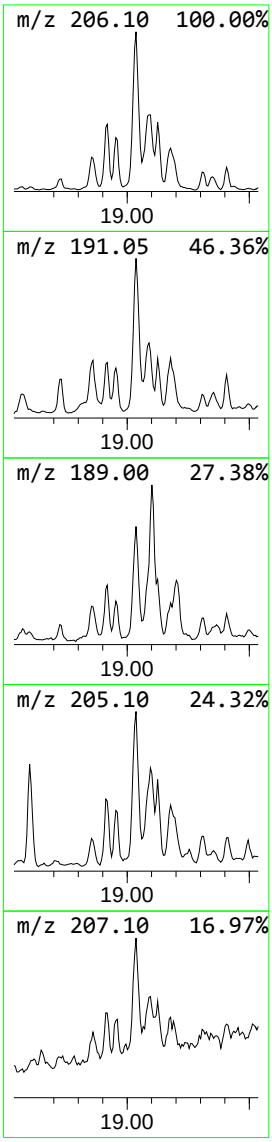
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.036	10.00 ng	1156150	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

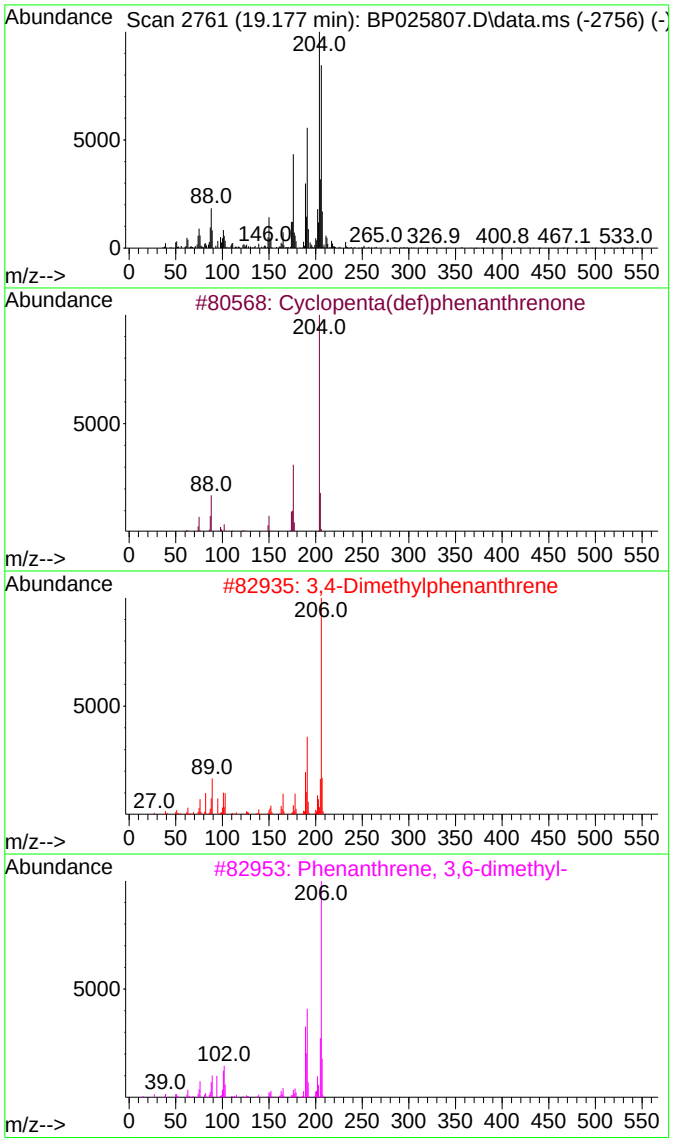
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

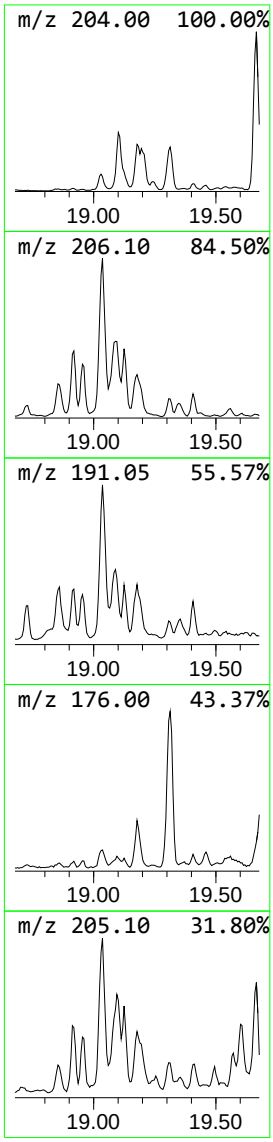
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.177	6.78 ng	783882	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	45
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	45





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Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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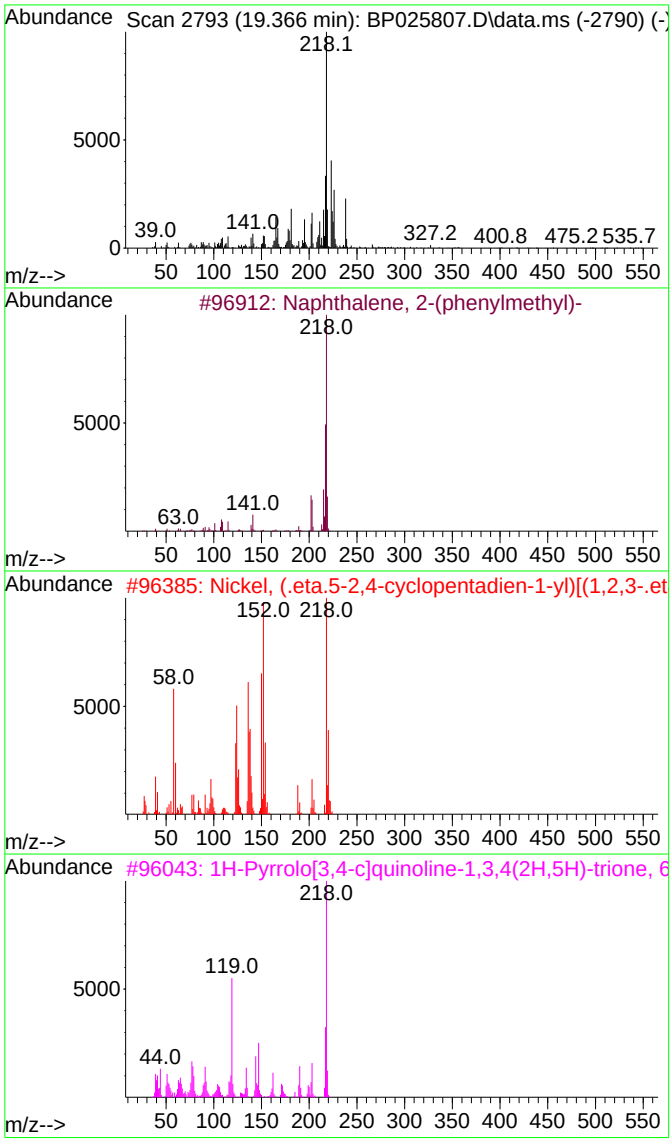
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

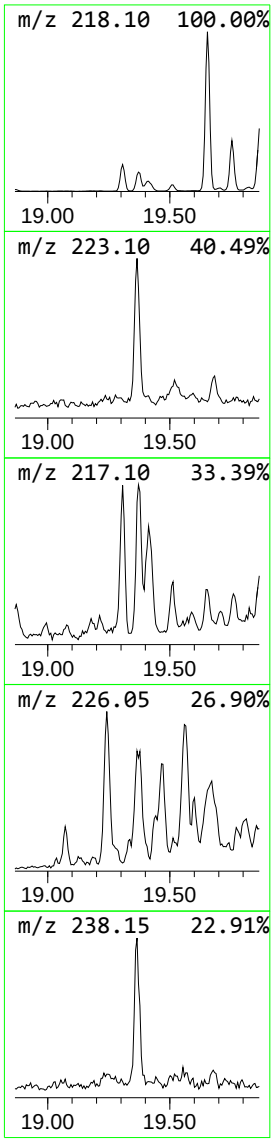
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-(phenylmethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	4.32 ng	498815	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	90
2	Nickel, (.eta.5-2,4-cyclopentadi...	218	C12H16Ni	079704-72-6	42
3	1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	38
4	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	35
5	10H-Indolo[3,2-b]quinoline, N-Ac...	260	C17H12N2O	124531-16-4	35





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Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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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

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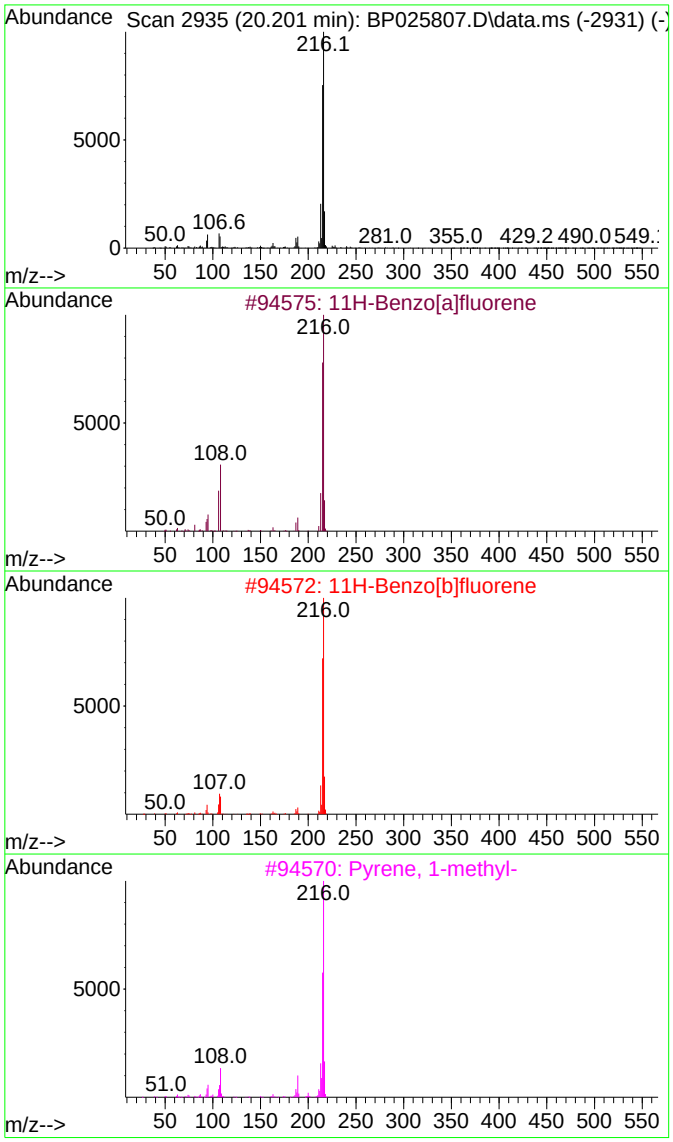
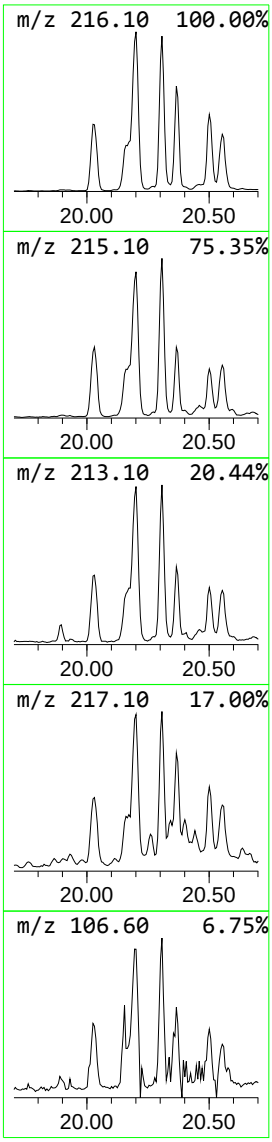
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.201	4.14 ng	2285380	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72





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ALS Vial : 17 Sample Multiplier: 1

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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

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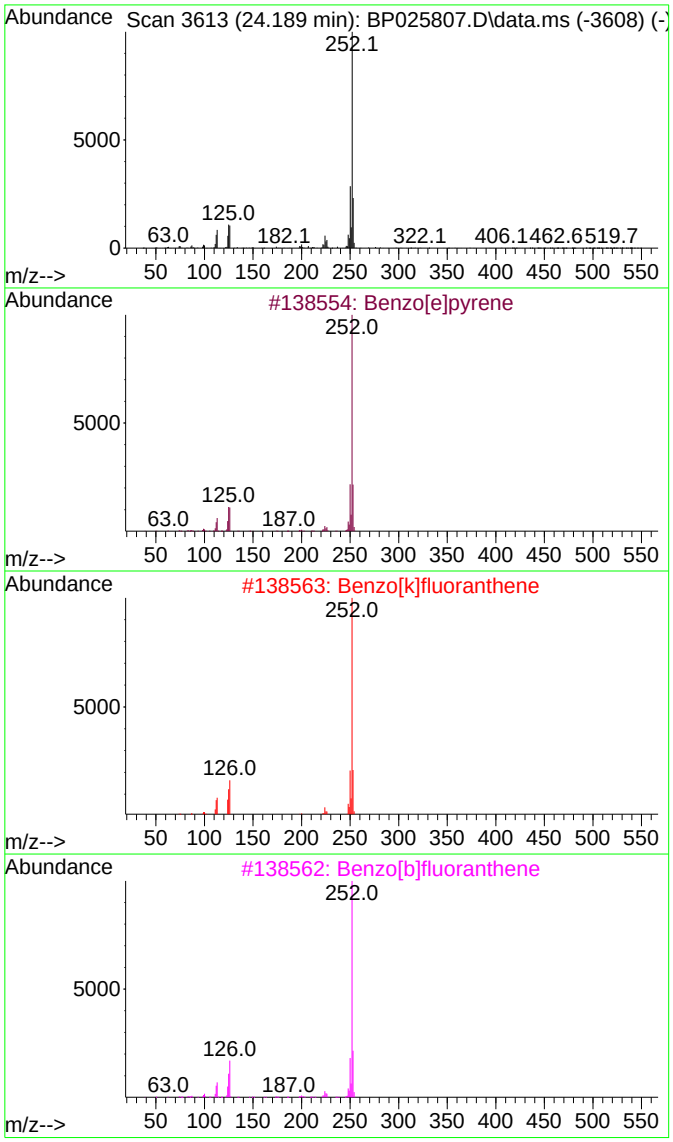
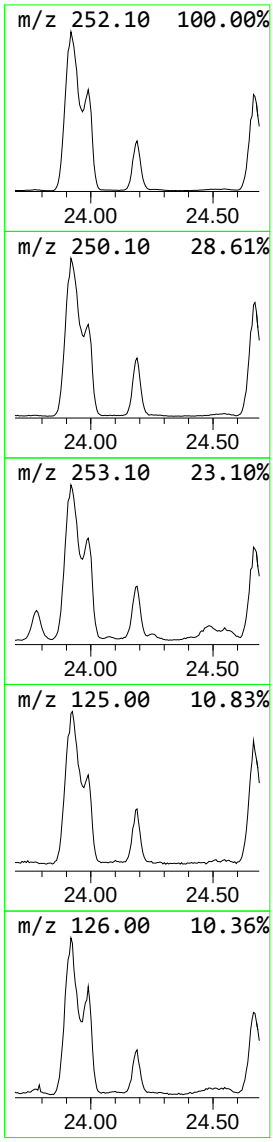
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.189	21.25 ng	1703650	Perylene-d12	24.977

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	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	81





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Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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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

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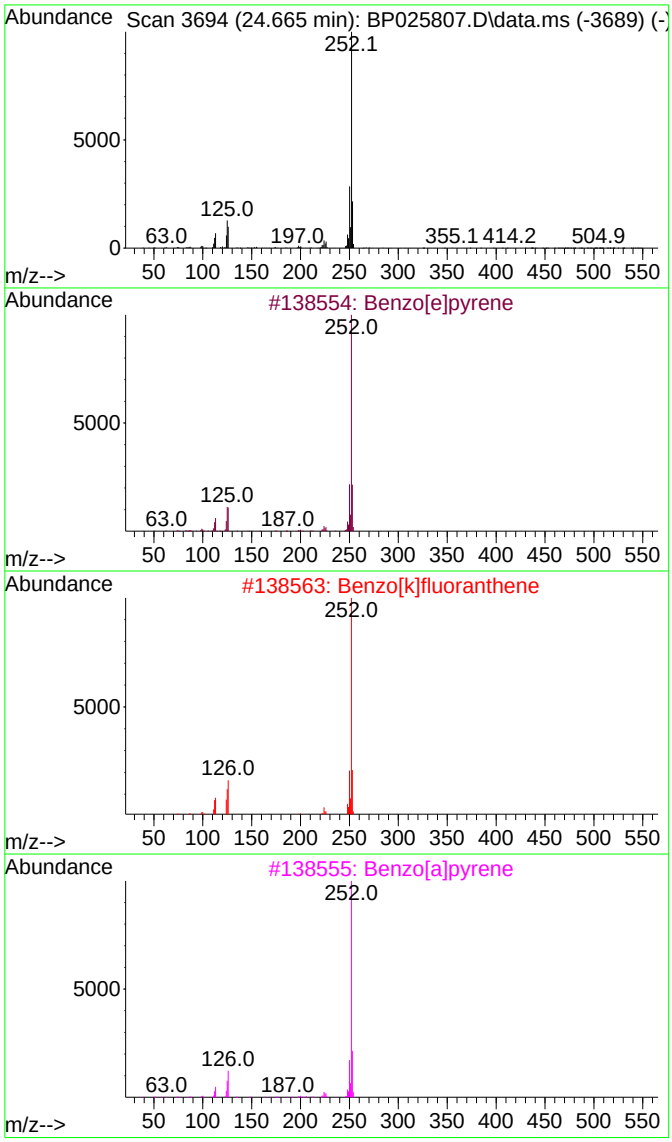
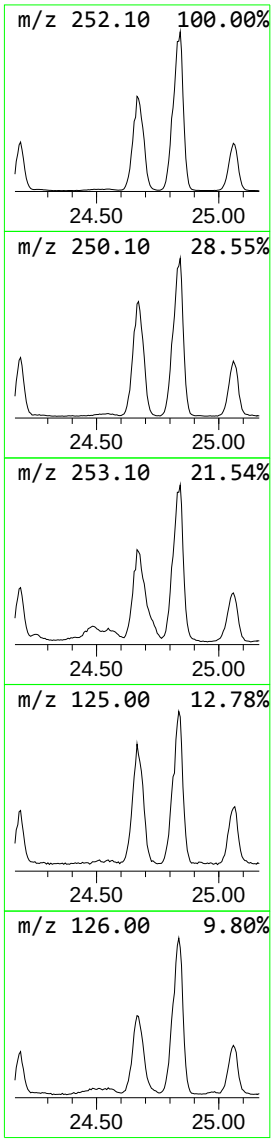
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.665	65.87 ng	5281040	Perylene-d12	24.977

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	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

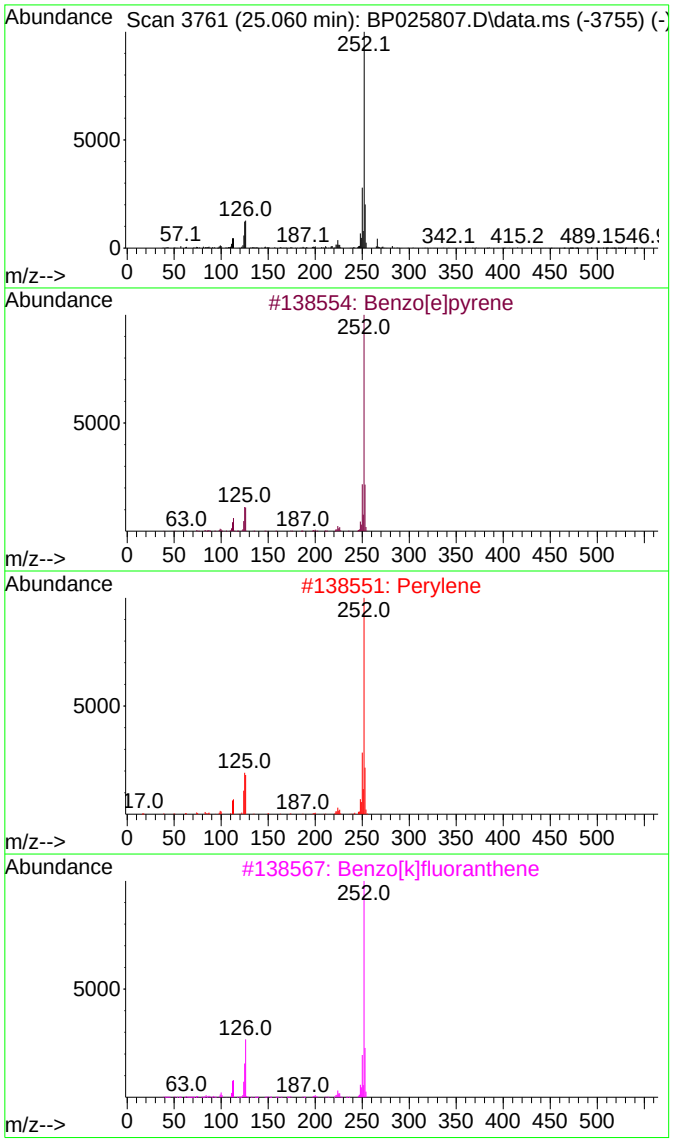
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

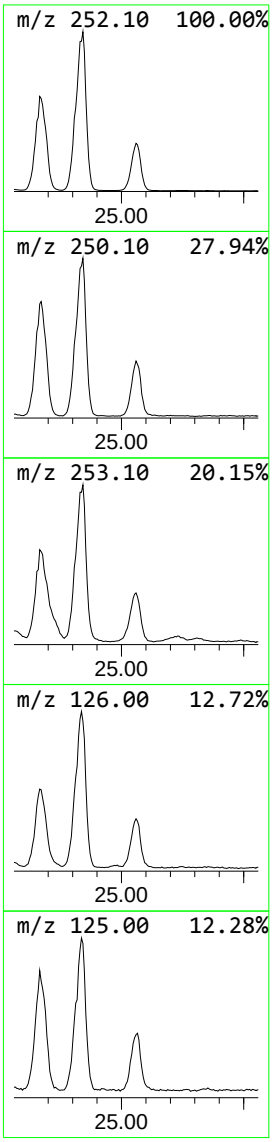
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.060	21.04 ng	1686780	Perylene-d12	24.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025807.D
Acq On : 19 Sep 2025 20:37
Operator : CG/JU
Sample : Q3126-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-01-091725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	13.678	4.3	ng	435874	3	14.366	2053330	20.0
9H-Fluorene, 2-...	16.460	3.6	ng	417104	4	17.178	2311490	20.0
Dibenzothiophene	16.989	5.8	ng	673286	4	17.178	2311490	20.0
Phenanthrene, 2...	18.083	10.3	ng	1190640	4	17.178	2311490	20.0
Phenanthrene, 1...	18.131	16.3	ng	1888440	4	17.178	2311490	20.0
1H-Cyclopropa[l...	18.213	5.8	ng	669938	4	17.178	2311490	20.0
4H-Cyclopenta[d...	18.283	23.9	ng	2757830	4	17.178	2311490	20.0
5H-Dibenzo[a,d]...	18.325	7.2	ng	835894	4	17.178	2311490	20.0
Naphthalene, 2-...	18.601	5.8	ng	668465	4	17.178	2311490	20.0
Phenanthrene, 3...	18.913	3.4	ng	395507	4	17.178	2311490	20.0
Phenanthrene, 2...	19.036	10.0	ng	1156150	4	17.178	2311490	20.0
Cyclopenta(def)...	19.177	6.8	ng	783882	4	17.178	2311490	20.0
Naphthalene, 2-...	19.366	4.3	ng	498815	4	17.178	2311490	20.0
11H-Benzo[a]flu...	20.201	4.1	ng	2285380	5	21.624	11050900	20.0
Benzo[e]pyrene	24.189	21.3	ng	1703650	6	24.977	1603580	20.0
Perylene	24.665	65.9	ng	5281040	6	24.977	1603580	20.0
Benzo[j]fluoran...	25.060	21.0	ng	1686780	6	24.977	1603580	20.0