LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	300	305	316	rVB	174043	244231	1.83%	0.157%
2	5.340	376	383	396	rBV	1951865	2775250	20.80%	1.783%
3	6.905	639	649	667	rBV	1751244	2929936	21.96%	1.882%
4	7.716	780	787	795	rBV	629915	993591	7.45%	0.638%
5	8.863	974	982	996	rBV	1124912	1901349	14.25%	1.221%
6	10.487	1249	1258	1264	rBV	831718	1463519	10.97%	0.940%
7	12.146	1531	1540	1550	rBV	118903	201827	1.51%	0.130%
8	12.363	1565	1577	1587	rBV	105239	193976	1.45%	0.125%
9	12.957	1669	1678	1689	rBV	2908827	4599869	34.48%	2.955%
10	13.510	1763	1772	1780	rBV2	102081	267253	2.00%	0.172%
11	13.657	1790	1797	1802	rBV	197890	321635	2.41%	0.207%
12	13.710	1802	1806	1813	rVB	128337	186585	1.40%	0.120%
13	13.898	1830	1838	1841	rBV	104040	154997	1.16%	0.100%
14	14.063	1857	1866	1874	rBV	218276	361042	2.71%	0.232%
15	14.340	1903	1913	1919	rBV	1523473	2171642	16.28%	1.395%
16	14.404	1919	1924	1933	rVB	438712	670021	5.02%	0.430%
17	14.557	1944	1950	1958	rBV2	60162	140787	1.06%	0.090%
18	14.745	1975	1982	1990	rVV	393598	618683	4.64%	0.397%
19	14.822	1990	1995	2001	rVV	105347	158155	1.19%	0.102%
20	14.963	2012	2019	2025	rBV2	103023	196879	1.48%	0.126%
21	15.145	2042	2050	2053	rBV3	83247	173813	1.30%	0.112%
22	15.404	2087	2094	2107	rVB2	708824	1218301	9.13%	0.783%
23	15.534	2113	2116	2119	rVV	107290	140378	1.05%	0.090%
24	15.569	2119	2122	2127	rVB3	144771	193653	1.45%	0.124%
25	15.722	2140	2148	2156	rVB2	417010	914214	6.85%	0.587%
26	15.863	2163	2172	2179	rBV	3309611	4987611	37.38%	3.204%
27	15.945	2182	2186	2194	rVB2	83487	150439	1.13%	0.097%
28	16.098	2206	2212	2221	rVB3	150485	299917	2.25%	0.193%
29	16.434	2258	2269	2274	rBV3	246896	566002	4.24%	0.364%
30	16.481	2274	2277	2283	rVB2	128579	181945	1.36%	0.117%
31	16.587	2289	2295	2300	rVB3	125777	238723	1.79%	0.153%
32	16.663	2305	2308	2312	rVV2	148291	207028	1.55%	0.133%
33	16.704	2312	2315	2319	rVB2	140724	195146	1.46%	0.125%
34	16.792	2326	2330	2337	rVB3	97137	156263	1.17%	0.100%
35	16.869	2338	2343	2347	rBV2	194327	355532	2.66%	0.228%
36	16.951	2353	2357	2367	rVB	419100	706325	5.29%	0.454%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.145	2384	2390	2393	rBV	1971492	2632955	19.73%	1.691%
38	17.186	2393	2397	2404	rVV	6336797	8768781	65.72%	5.632%
39	17.281	2404	2413	2419	rVV	2246533	3391250	25.42%	2.178%
40	17.339	2419	2423	2429	rVV3	106308	215199	1.61%	0.138%
41	17.557	2456	2460	2464	rBV	131465	218492	1.64%	0.140%
42	17.675	2476	2480	2486	rVV2	165898	254110	1.90%	0.163%
43	17.745	2488	2492	2501	rVB2	141405	243523	1.83%	0.156%
44	17.886	2512	2516	2525	rVB	102033	175816	1.32%	0.113%
45	18.051	2538	2544	2547	rBV	803921	1236910	9.27%	0.794%
46	18.098	2547	2552	2559	rVB	1435479	2318010	17.37%	1.489%
47	18.181	2560	2566	2571	rVV	694576	1002296	7.51%	0.644%
48	18.245	2571	2577	2581	rVV3	1440553	2598481	19.48%	1.669%
49	18.281	2581	2583	2592	rVB	565099	763986	5.73%	0.491%
50	18.386	2595	2601	2609	rVB5	87564	214783	1.61%	0.138%
51	18.528	2621	2625	2627	rVV3	90315	138568	1.04%	0.089%
52	18.563	2627	2631	2635	rVV	656978	930016	6.97%	0.597%
53	18.604	2635	2638	2644	rVB3	122457	193254	1.45%	0.124%
54	18.816	2670	2674	2679	rVV2	203494	253328	1.90%	0.163%
55	18.869	2679	2683	2686	rVV	222044	299979	2.25%	0.193%
56	18.910	2686	2690	2694	rVB	222522	290178	2.17%	0.186%
57	18.998	2700	2705	2710	rBV	486078	896443	6.72%	0.576%
58	19.069	2710	2717	2720	rVV4	285038	531654	3.98%	0.341%
59	19.139	2725	2729	2744	rVB2	362672	796996	5.97%	0.512%
60	19.269	2745	2751	2759	rBV	8648662	12298707	92.18%	7.900%
61	19.339	2760	2763	2766	rBV	144106	156835	1.18%	0.101%
62	19.375	2766	2769	2772	rBV	179327	214099	1.60%	0.138%
63	19.410	2772	2775	2781	rVB4	132854	254236	1.91%	0.163%
64	19.522	2789	2794	2799	rBV	324252	485809	3.64%	0.312%
65	19.651	2805	2816	2825	rBV2	7388897	13341956	100.00%	8.570%
66	19.722	2825	2828	2835	rVB2	466908	763003	5.72%	0.490%
67	19.833	2843	2847	2849	rBV	478176	637495	4.78%	0.409%
68	19.869	2849	2853	2858	rVB	5744076	7335445	54.98%	4.712%
69	20.004	2867	2876	2881	rBV3	565035	1414423	10.60%	0.909%
70	20.127	2892	2897	2898	rBV4	410412	550117	4.12%	0.353%
71	20.163	2899	2903	2908	rVB	1515810	2063533	15.47%	1.325%
72	20.275	2916	2922	2926	rBV	1142591	1624692	12.18%	1.044%
73	20.327	2926	2931	2936	rVV2	856263	1478063	11.08%	0.949%
74	20.375	2936	2939	2942	rVB2	205993	237850	1.78%	0.153%
75	20.410	2943	2945	2951	rVB3	169289	238919	1.79%	0.153%
76	20.475	2952	2956	2959	rBV2	504853	551578	4.13%	0.354%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
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Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.522	2959	2964	2970	rBV	483508	782685	5.87%	0.503%
78	20.916	3027	3031	3035	rBV2	224997	416875	3.12%	0.268%
79	20.957	3035	3038	3046	rVB2	322786	641360	4.81%	0.412%
80	21.139	3066	3069	3074	rBV	379008	539910	4.05%	0.347%
81	21.192	3074	3078	3081	rVB	490549	676504	5.07%	0.435%
82	21.251	3081	3088	3094	rBV3	559201	1367910	10.25%	0.879%
83	21.563	3135	3141	3149	rBV2	3671197	9603551	71.98%	6.169%
84	21.633	3149	3153	3166	rVB	2677158	4921568	36.89%	3.161%
85	21.786	3175	3179	3188	rBV	641322	984290	7.38%	0.632%
86	21.992	3211	3214	3215	rBV	139090	165408	1.24%	0.106%
87	22.257	3257	3259	3264	rBV2	123083	188619	1.41%	0.121%
88	22.339	3269	3273	3279	rVV	662355	1251131	9.38%	0.804%
89	22.416	3283	3286	3291	rVB	347079	548247	4.11%	0.352%
90	22.557	3307	3310	3315	rVB	298521	454047	3.40%	0.292%
91	22.627	3317	3322	3325	rVV3	331193	582077	4.36%	0.374%
92	22.669	3325	3329	3336	rVB	383046	738642	5.54%	0.474%
93	23.863	3523	3532	3540	rBV	2094894	7170194	53.74%	4.606%
94	24.127	3571	3577	3586	rVB	550125	1267524	9.50%	0.814%
95	24.604	3650	3658	3674	rVB	1222425	3911263	29.32%	2.512%
96	24.757	3676	3684	3694	rBV	2002685	5461815	40.94%	3.508%
97	24.915	3703	3711	3718	rBV	1300170	3089174	23.15%	1.984%
98	24.986	3718	3723	3724	rBV	398546	507963	3.81%	0.326%
99	28.704	4346	4355	4381	rVB2	908578	4213545	31.58%	2.706%
100	29.851	4543	4550	4568	rVB2	631688	2953637	22.14%	1.897%

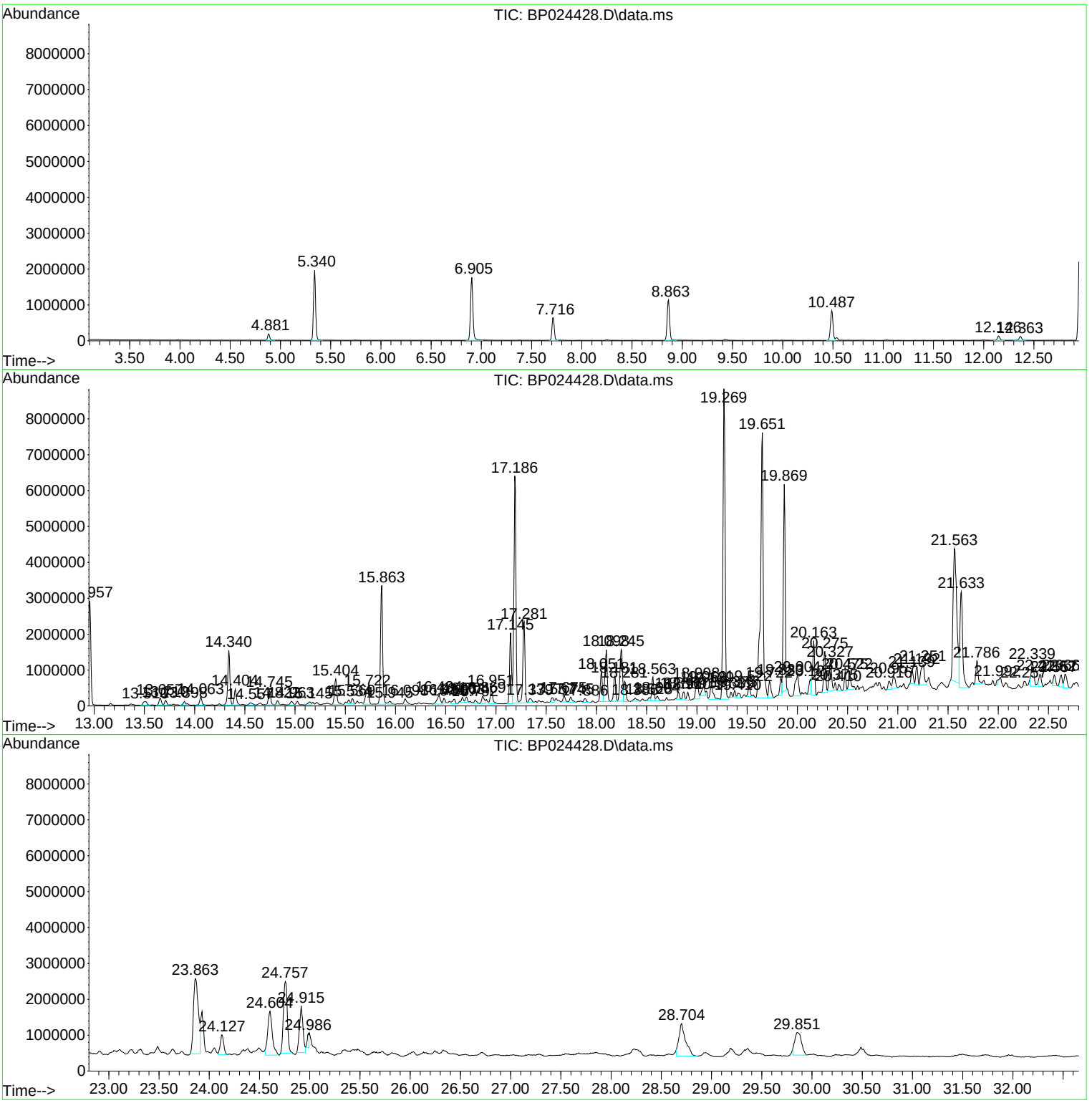
Sum of corrected areas: 155686224

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

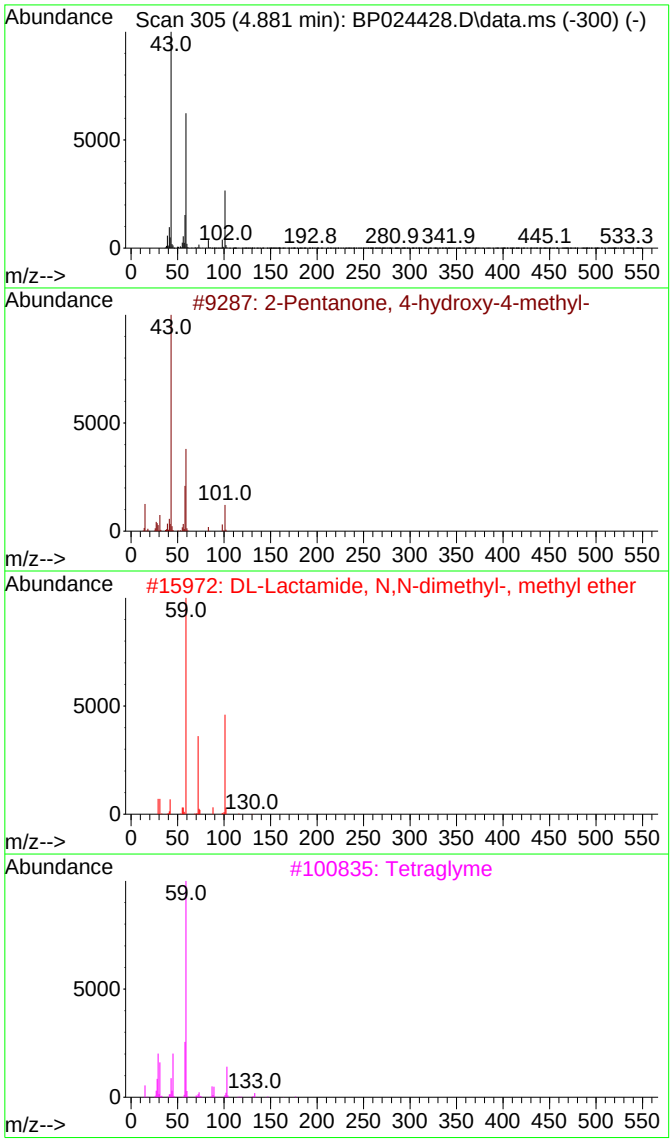
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

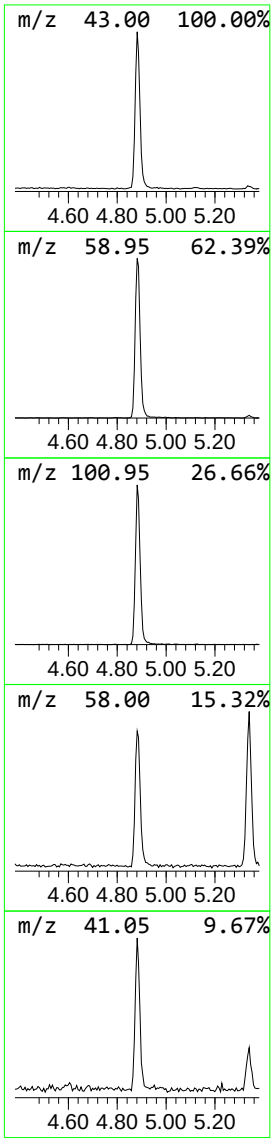
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	4.92 ng	244231	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	28
3	Tetraglyme	222	C10H22O5	000143-24-8	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

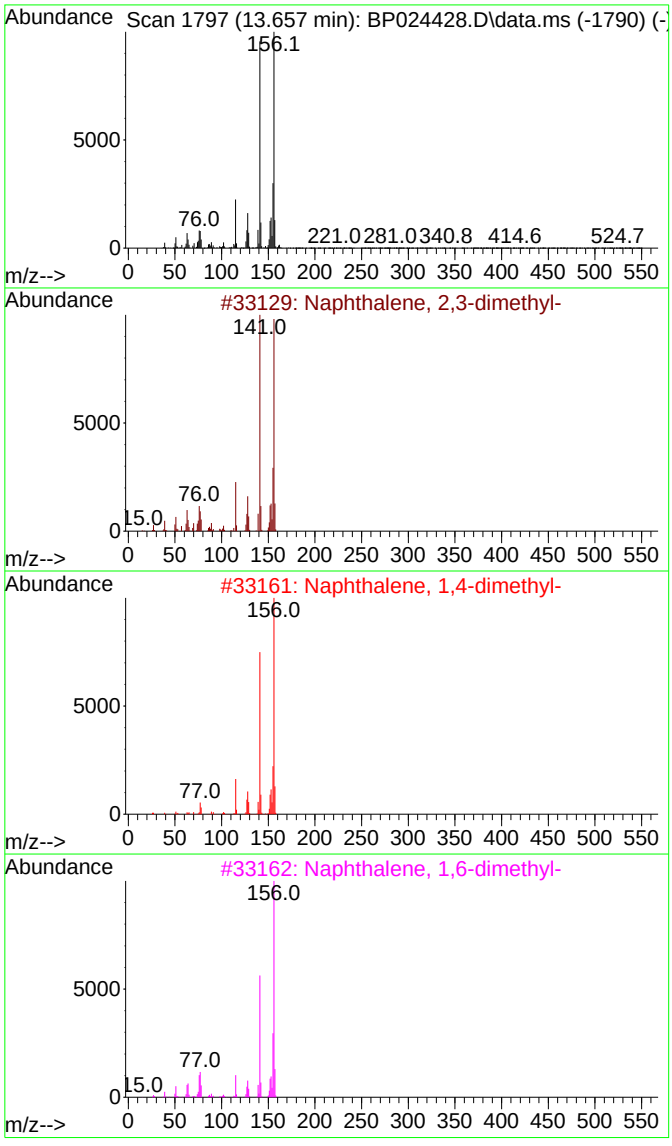
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

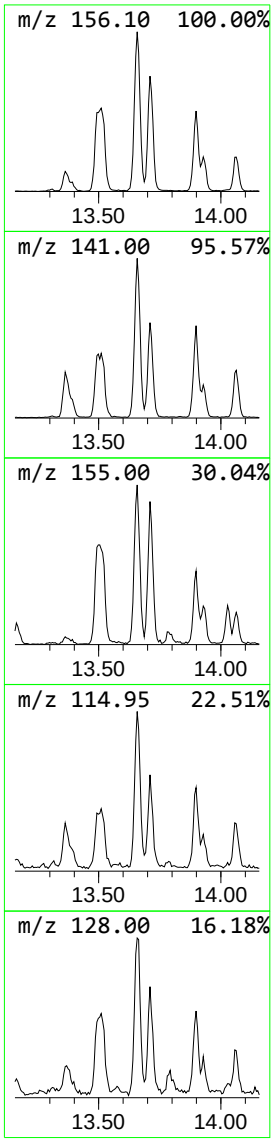
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	2.96 ng	321635	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

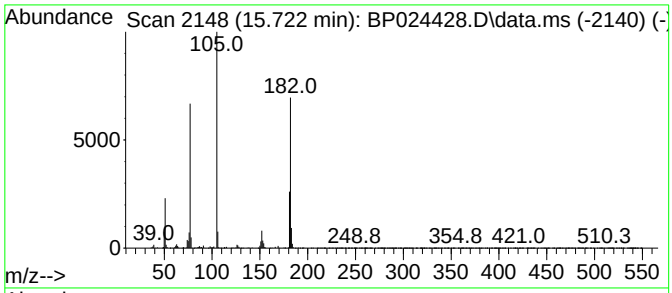
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

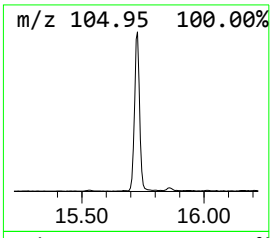
****

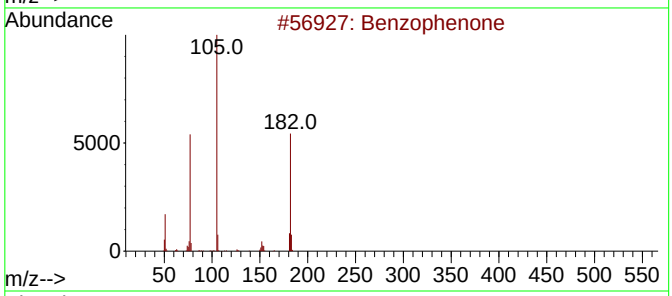
Peak Number 3 Benzophenone Concentration Rank 5

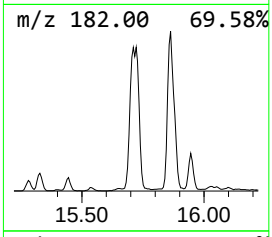
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	8.42 ng	914214	Acenaphthene-d10	14.340

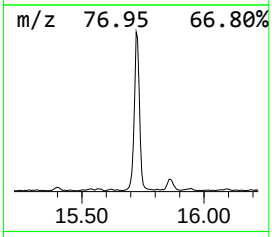
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	40
4	Azobenzene	182	C12H10N2	000103-33-3	37
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	36

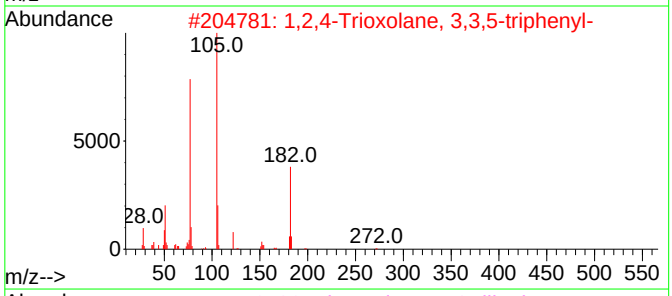


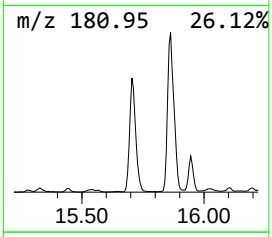


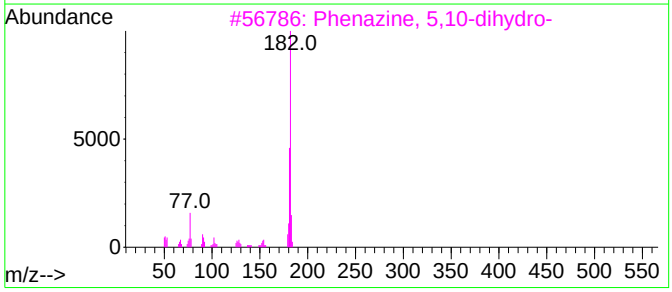


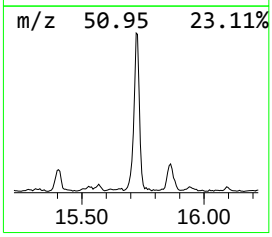












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

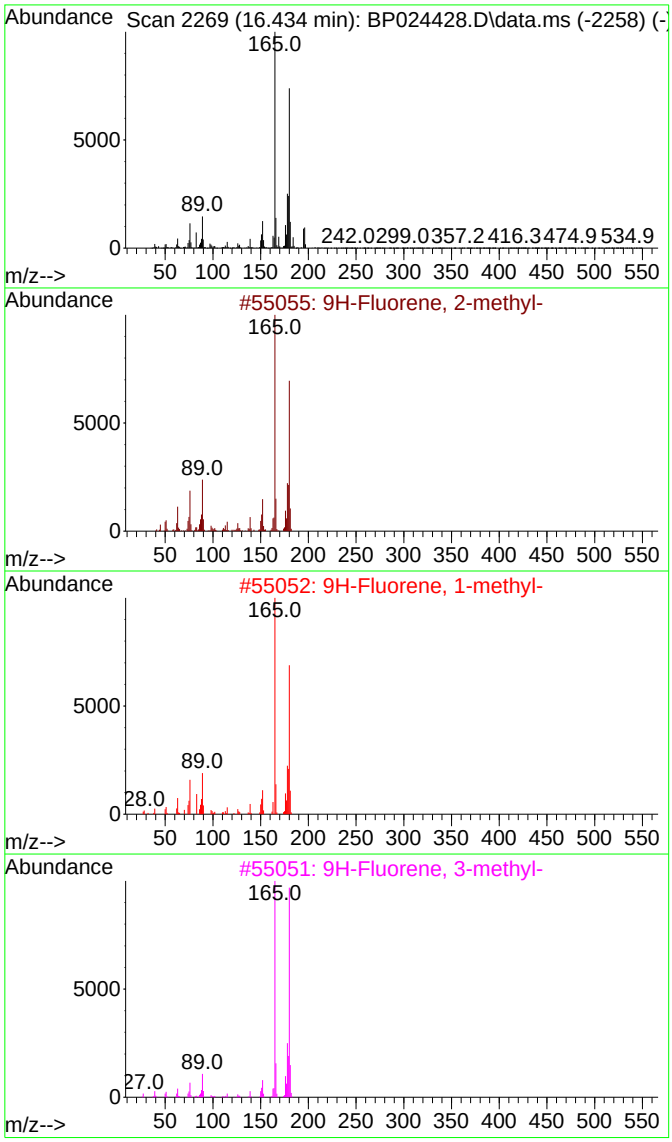
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

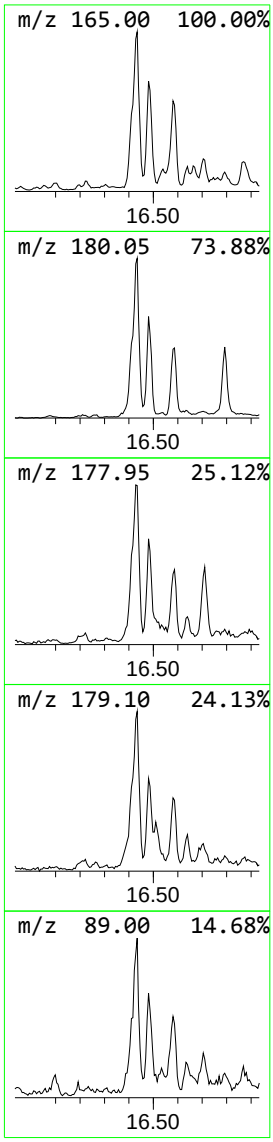
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.434	4.30 ng	566002	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

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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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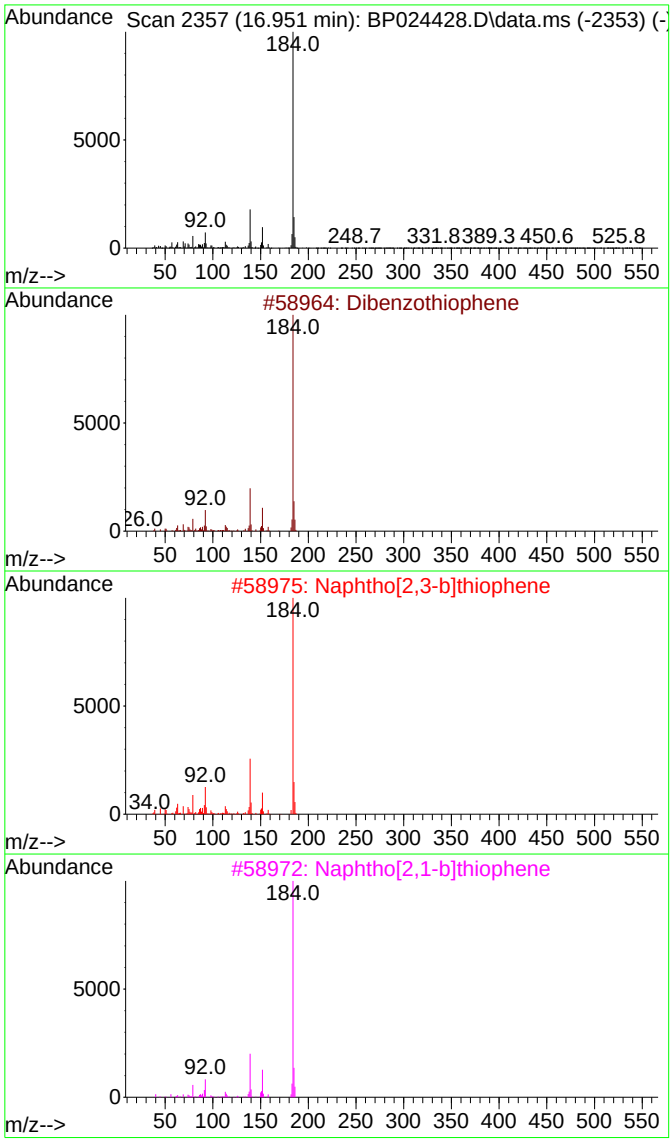
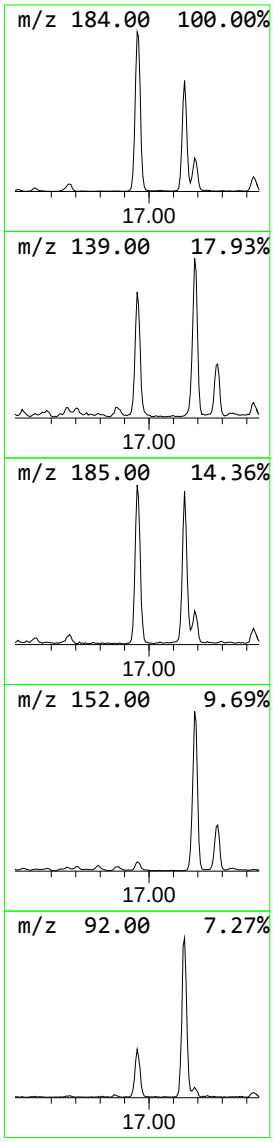
Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.951	5.37 ng	706325	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : Q1871-05
Misc :
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Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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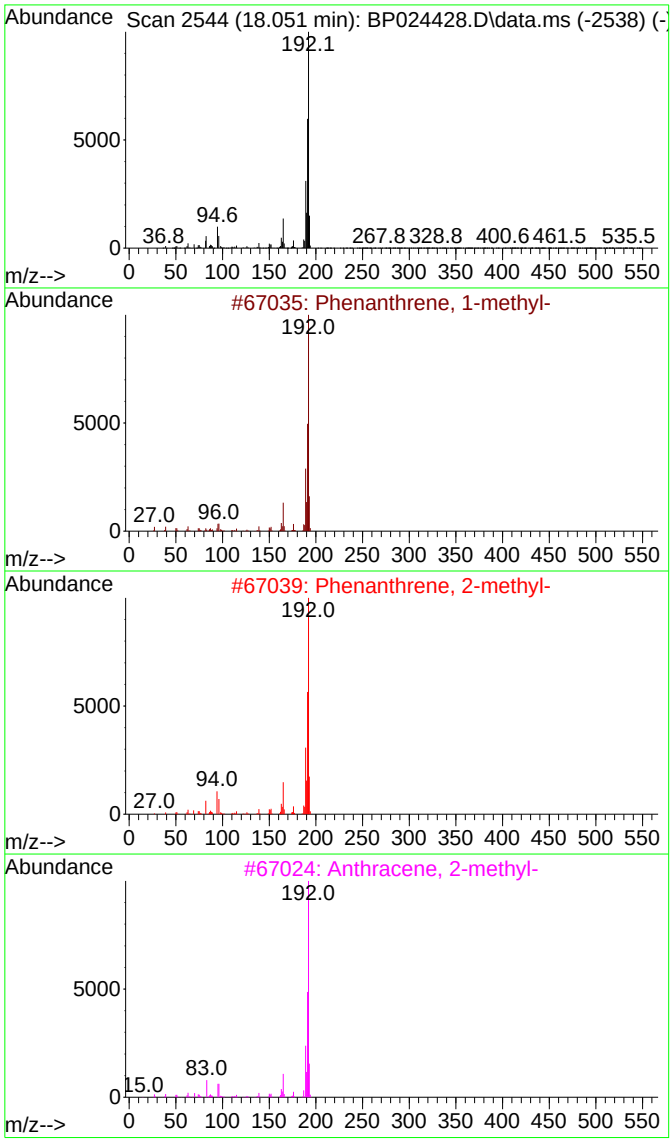
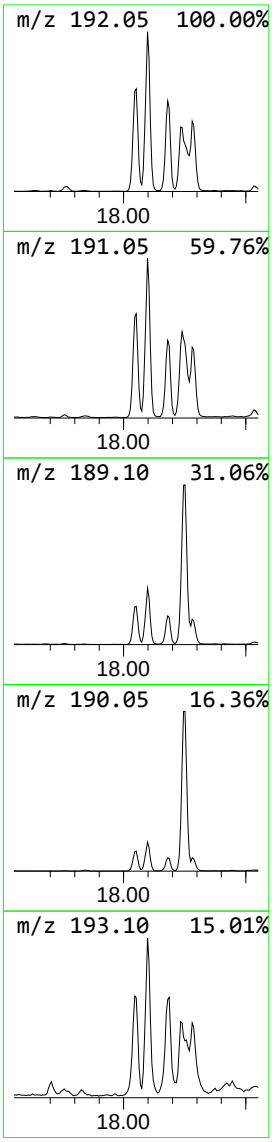
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	9.40 ng	1236910	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-B

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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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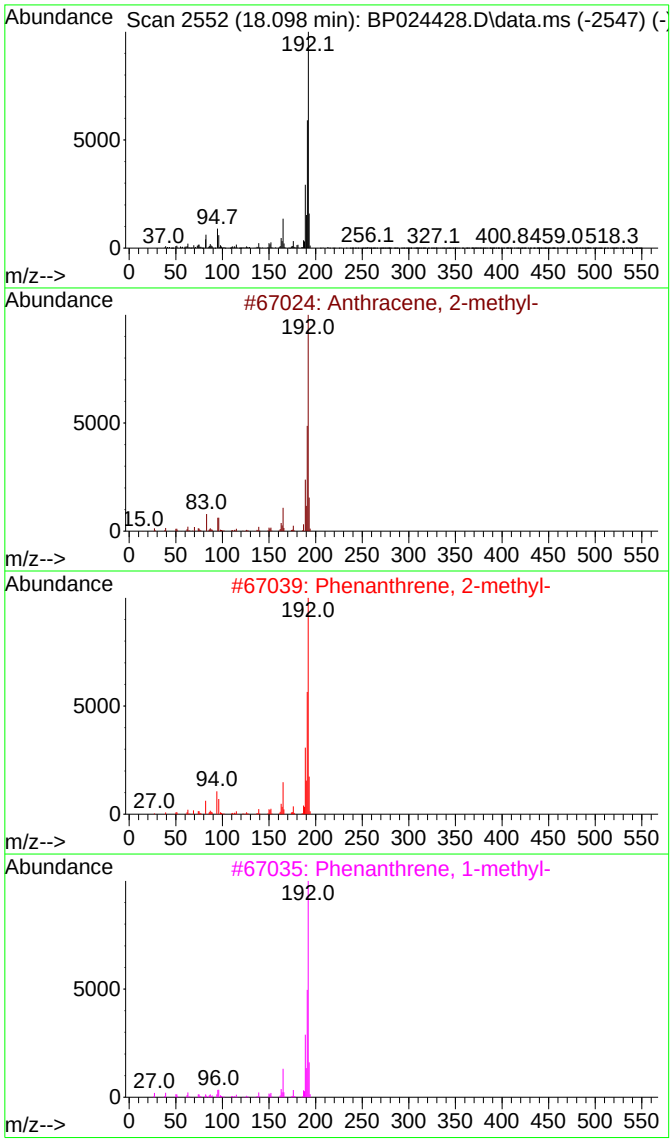
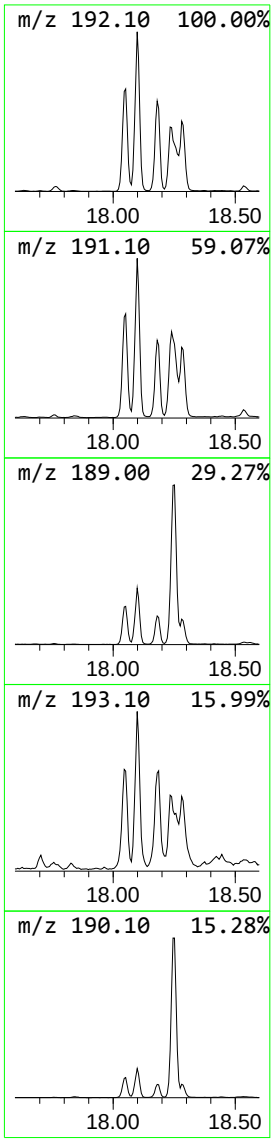
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	17.61 ng	2318010	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-B

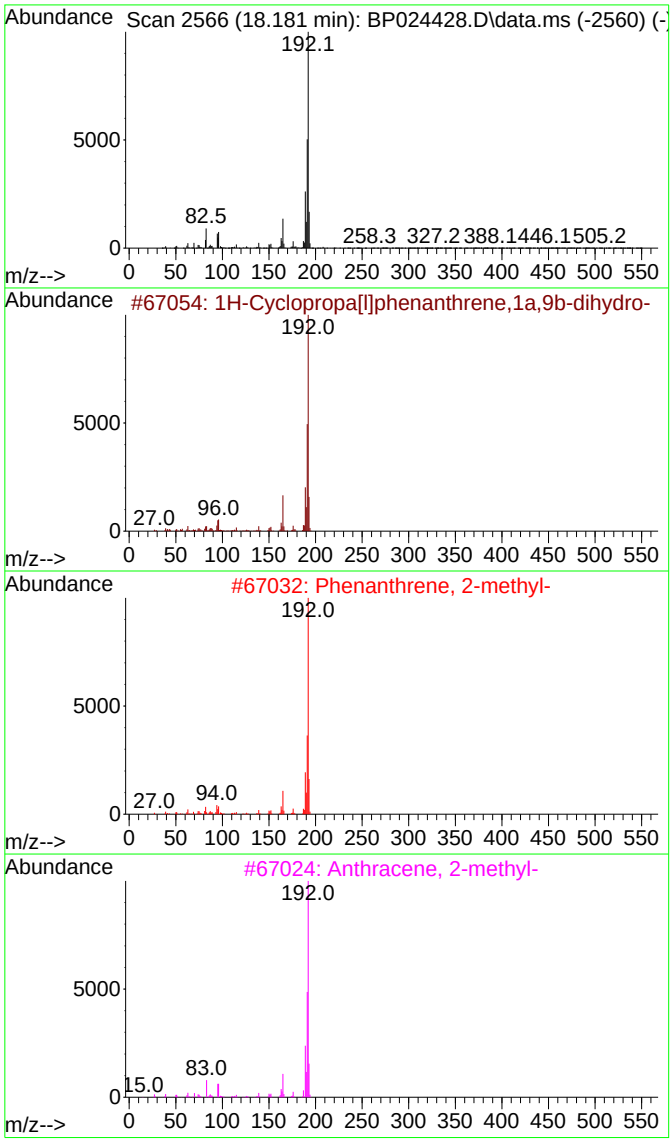
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

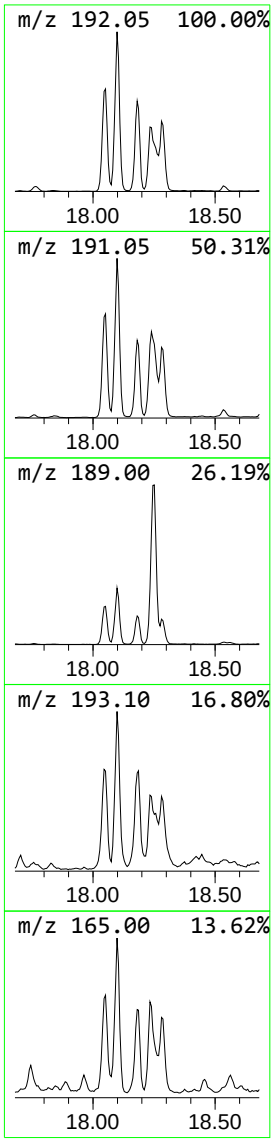
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	7.61 ng	1002300	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Misc :
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BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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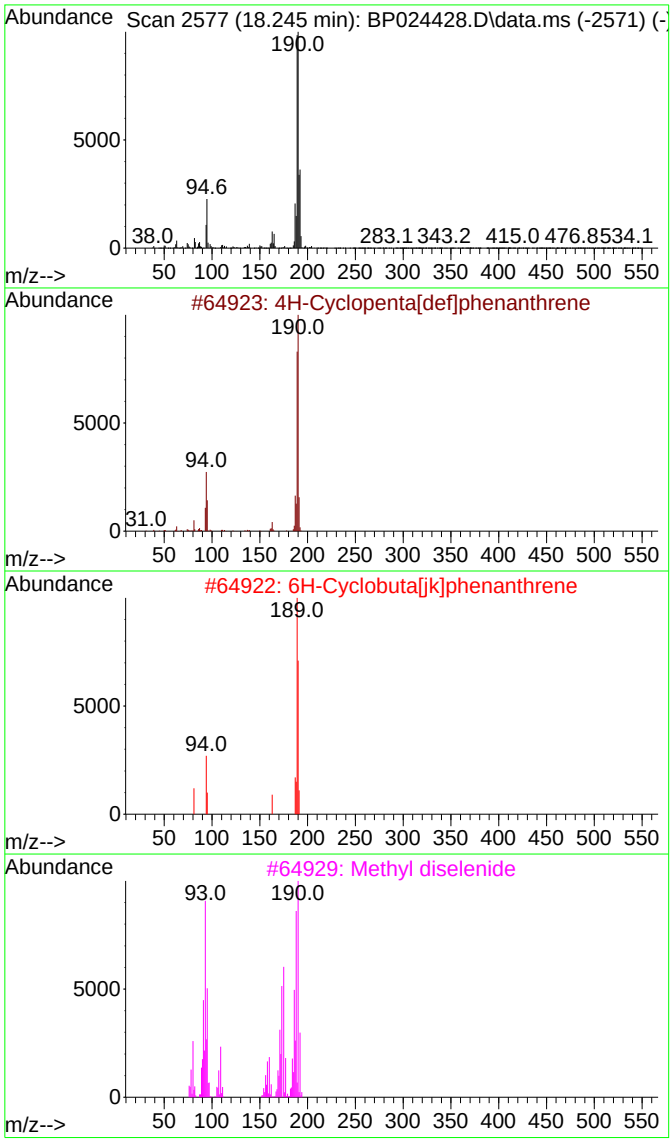
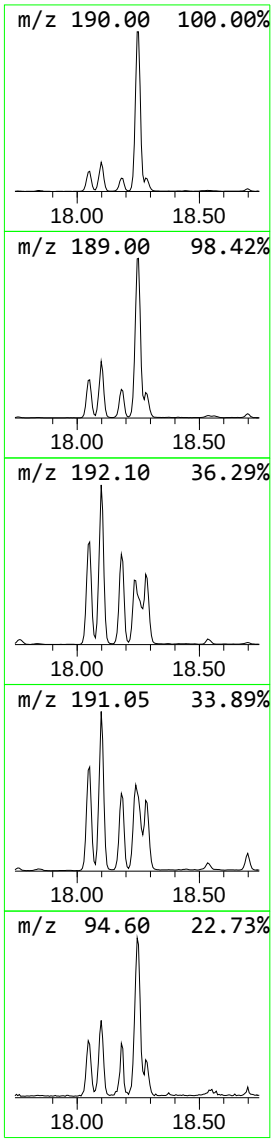
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	19.74 ng	2598480	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Sample : Q1871-05
Misc :
ALS Vial : 13 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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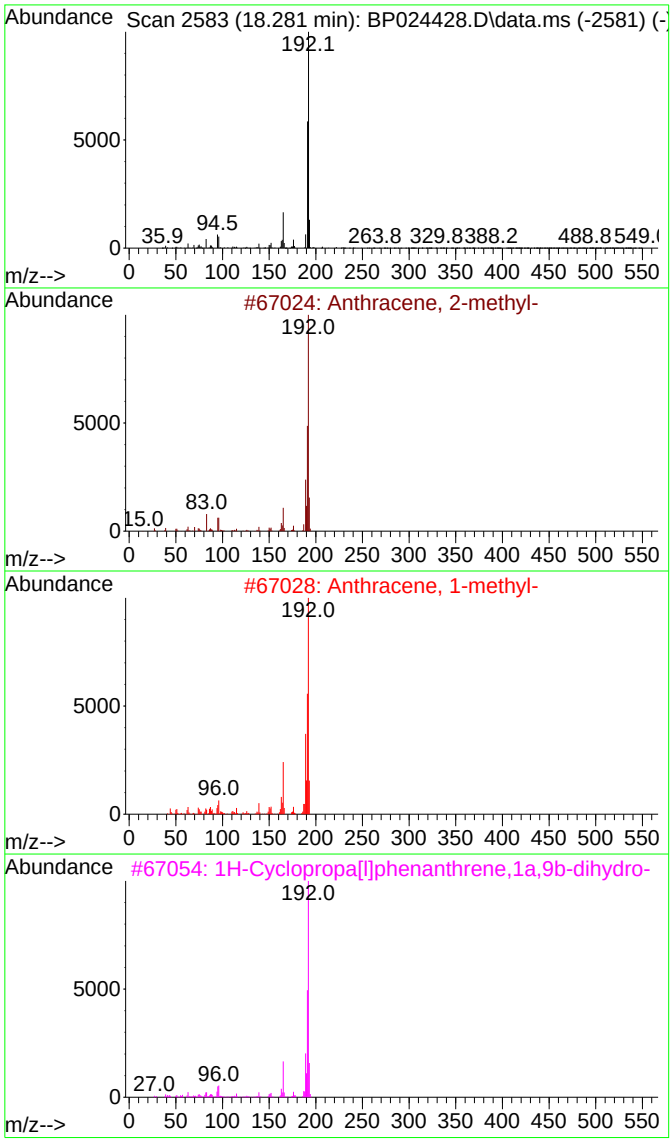
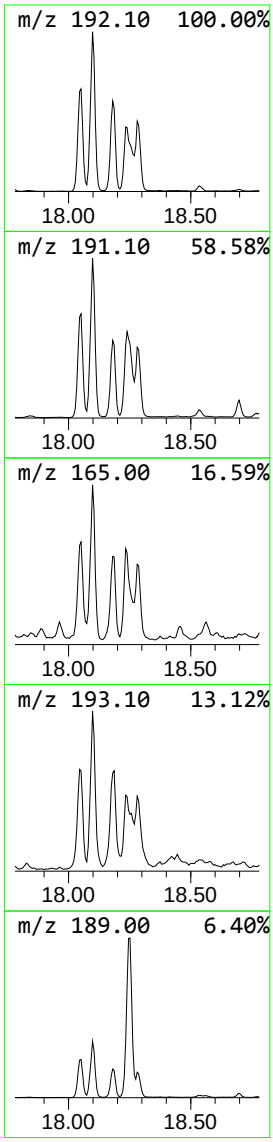
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	5.80 ng	763986	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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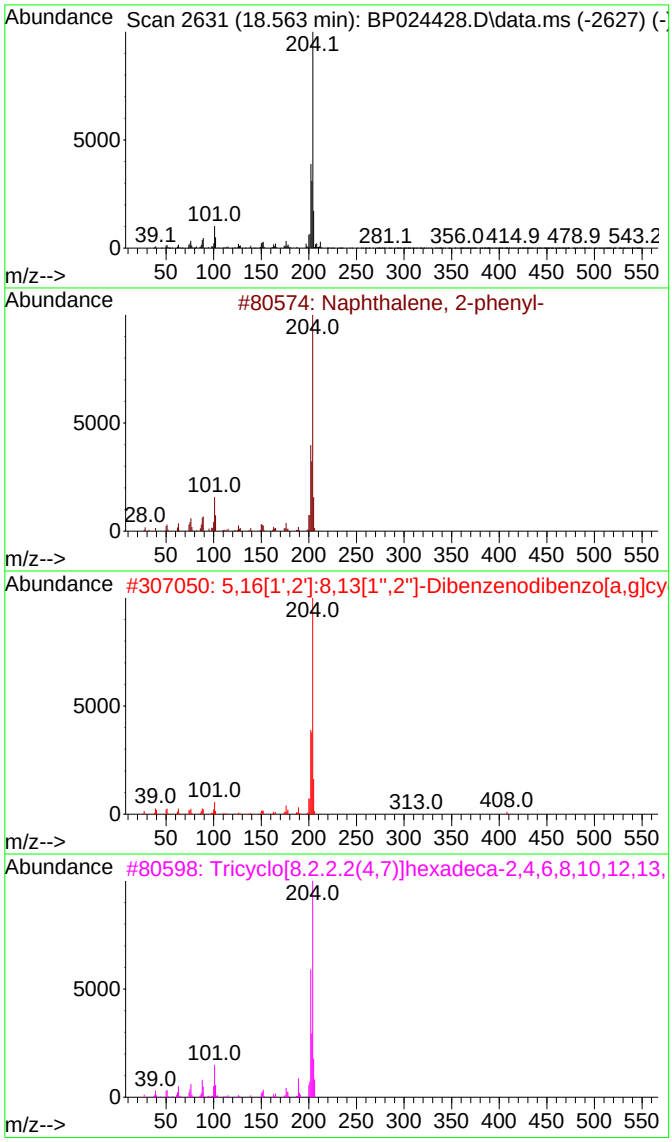
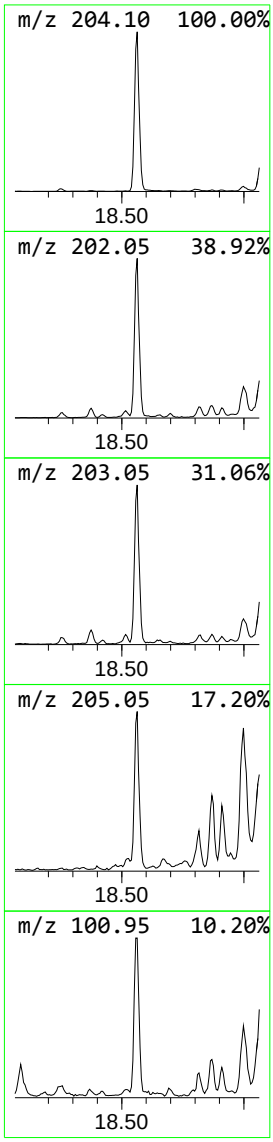
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	7.06 ng	930016	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47





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Misc :
ALS Vial : 13 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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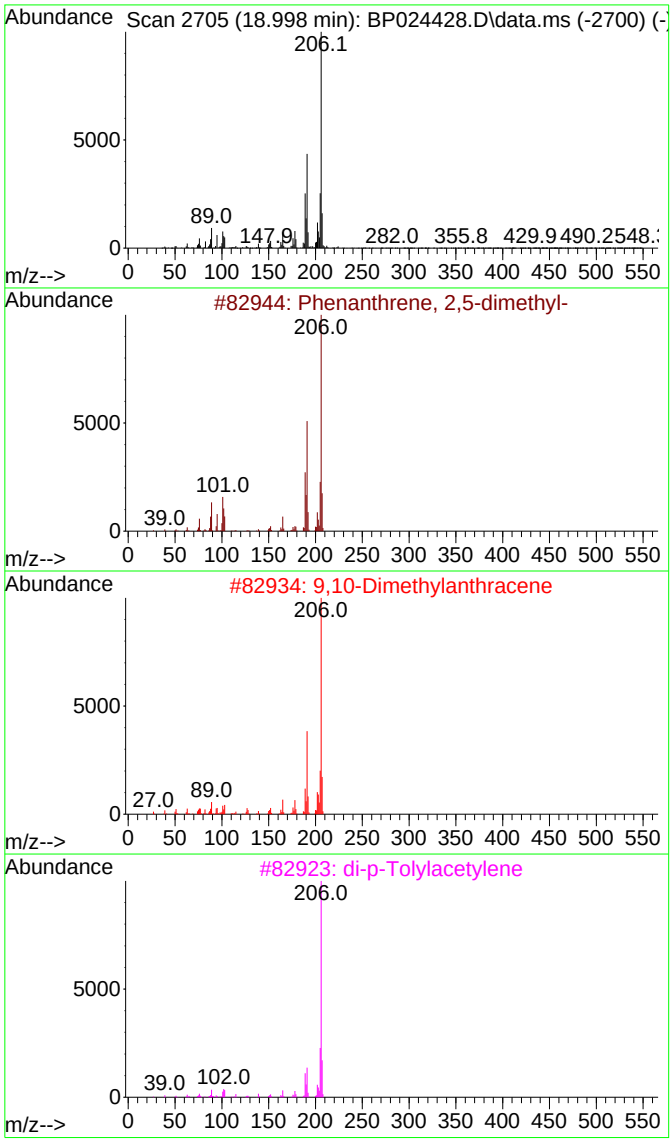
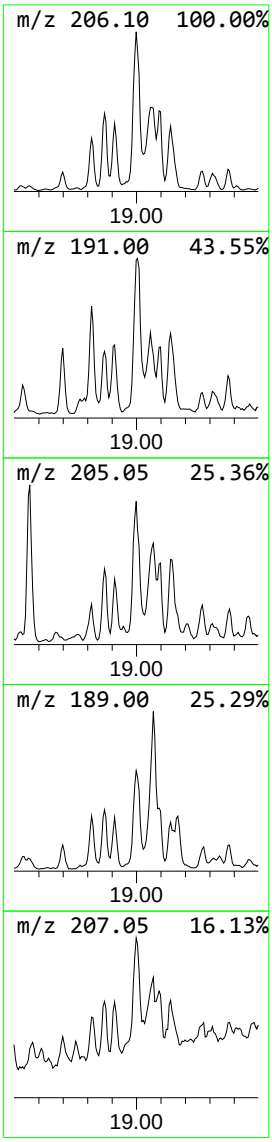
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	6.81 ng	896443	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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ALS Vial : 13 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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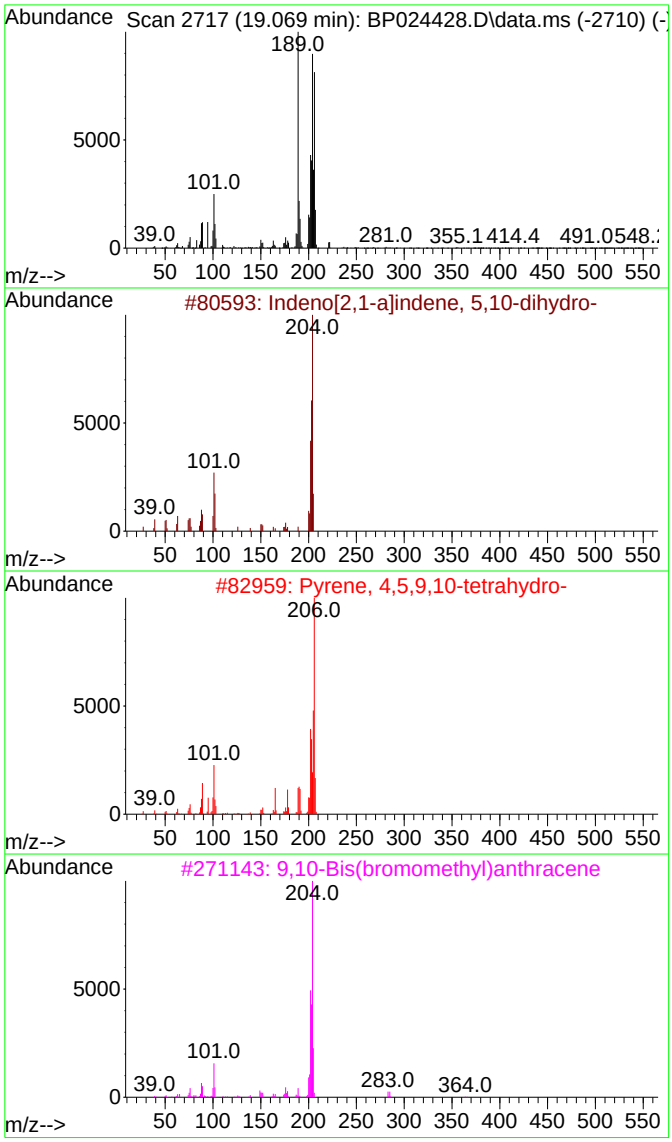
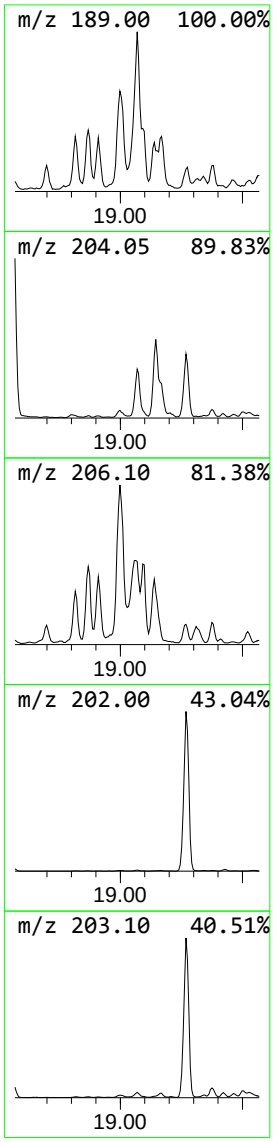
Peak Number 13 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	4.04 ng	531654	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	80
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-B

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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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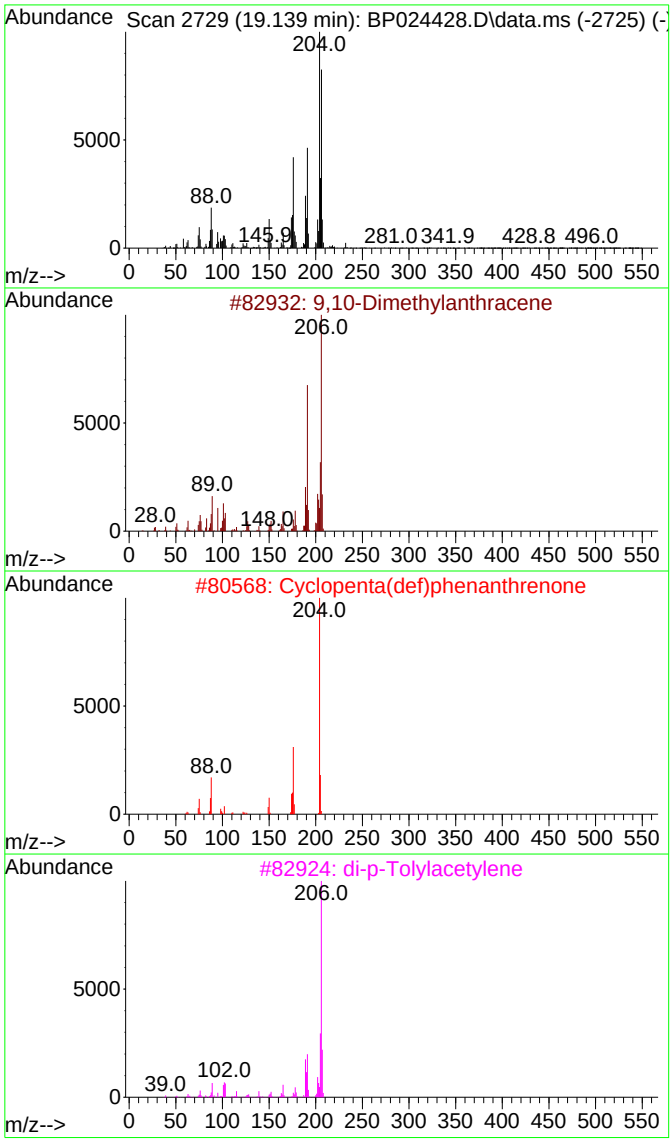
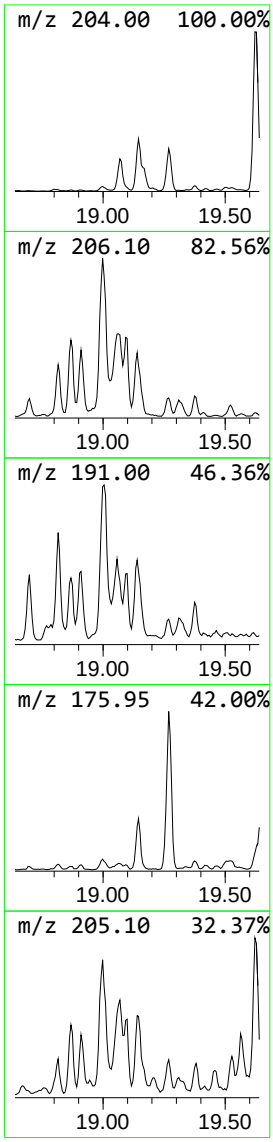
Peak Number 14 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	6.05 ng	796996	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	80
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_P
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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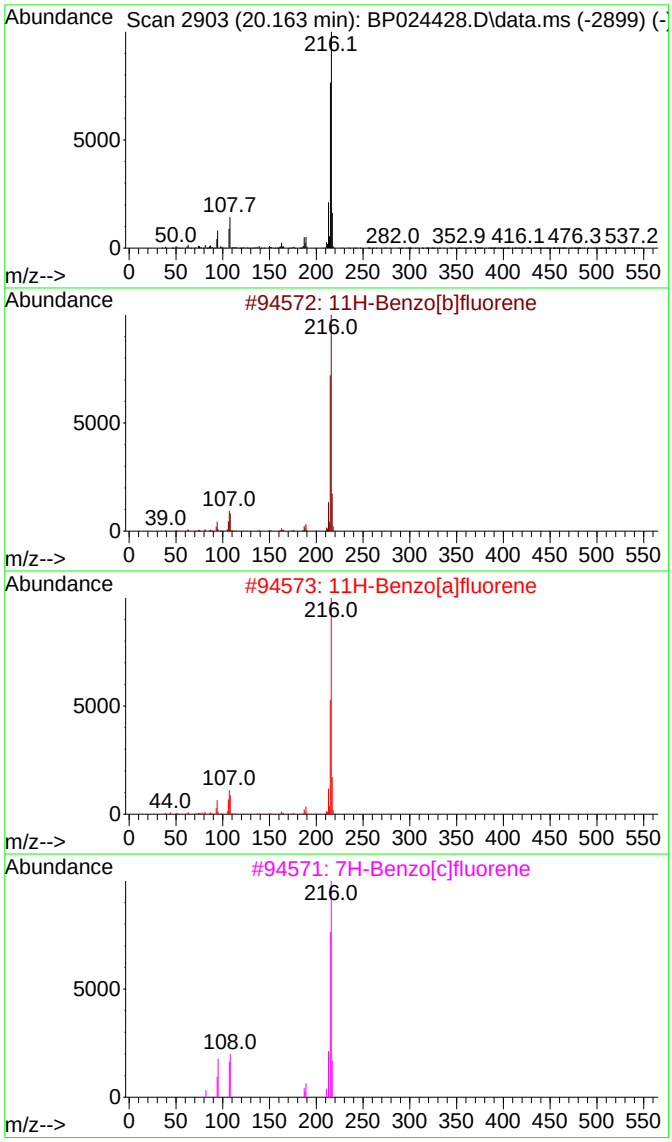
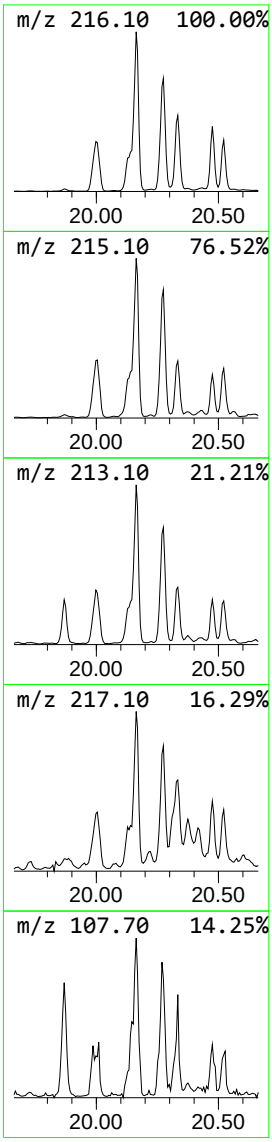
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.163	4.30 ng	2063530	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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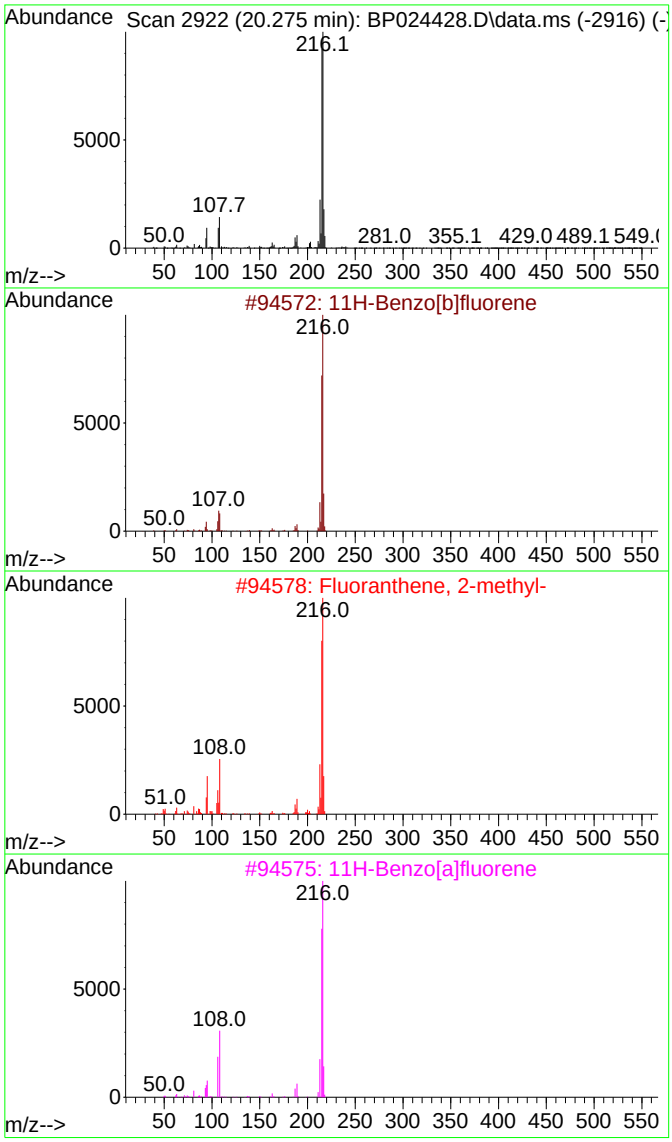
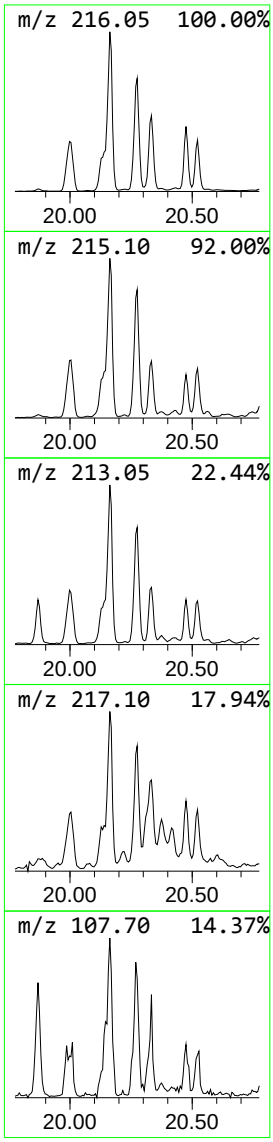
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	3.38 ng	1624690	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59





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Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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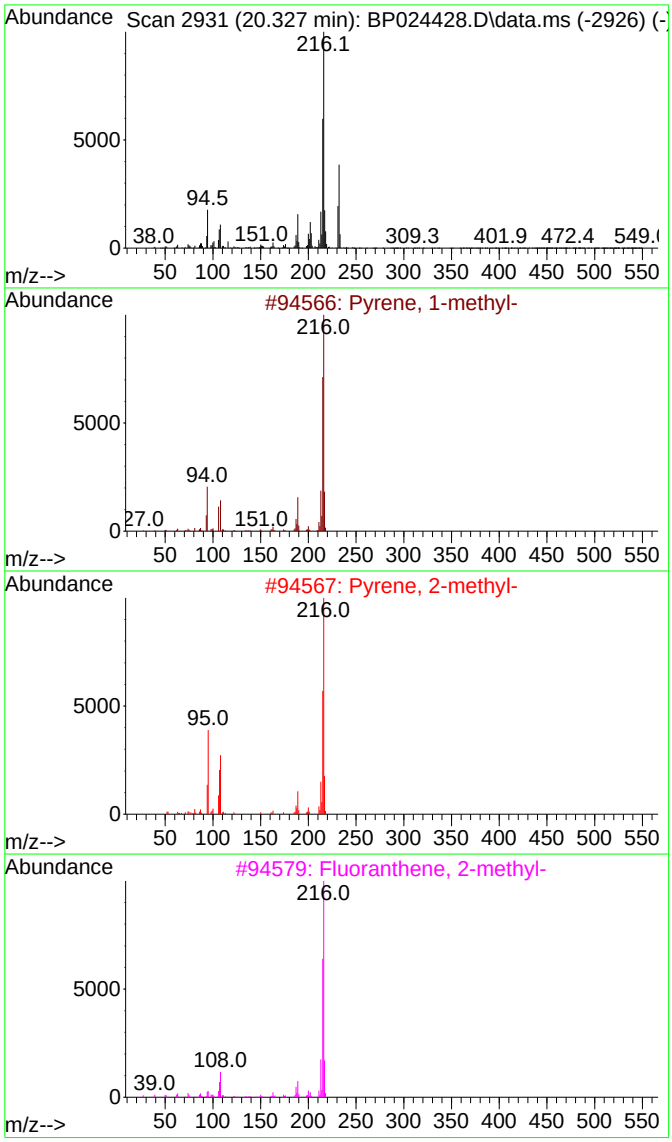
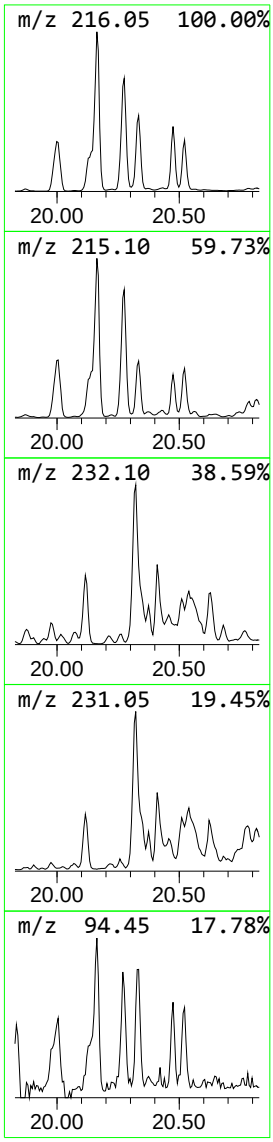
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.328	3.08 ng	1478060	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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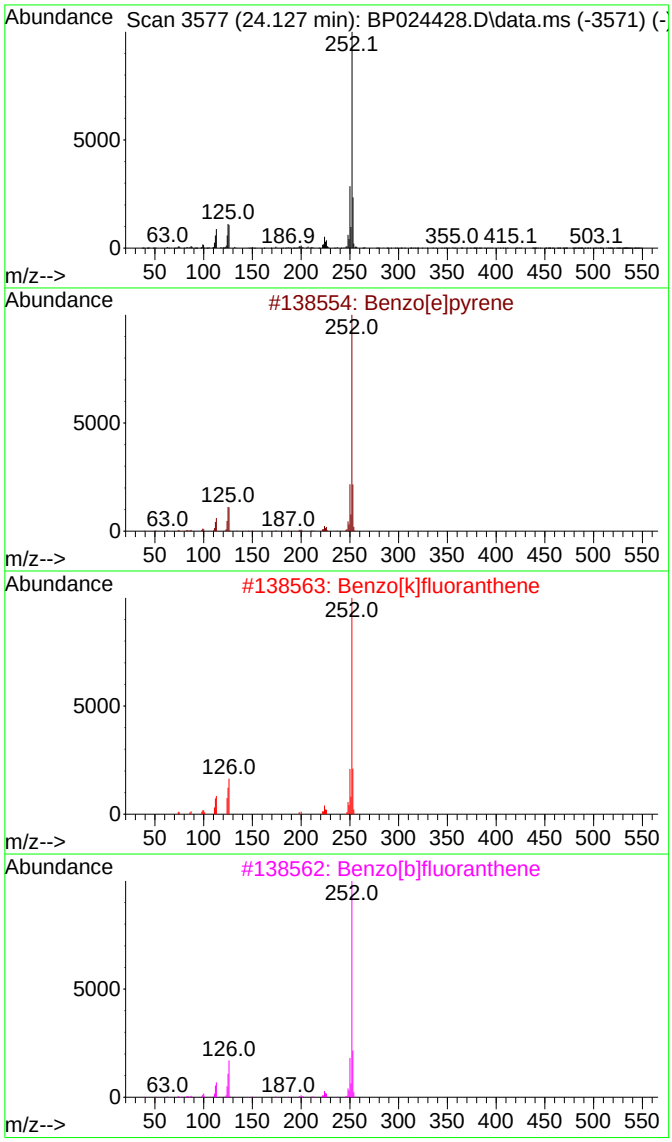
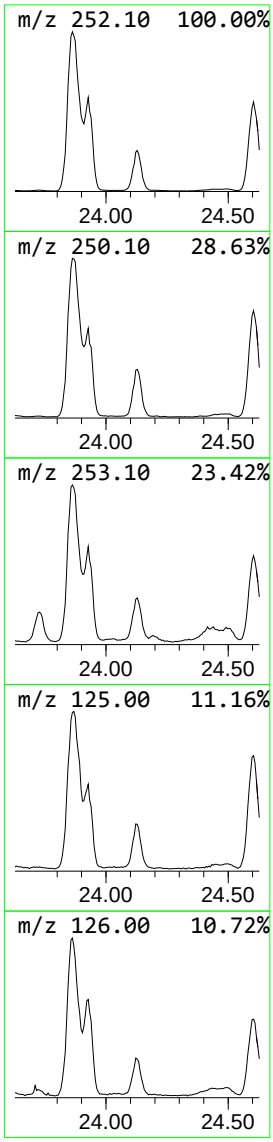
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.127	8.21 ng	1267520	Perylene-d12	24.916

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	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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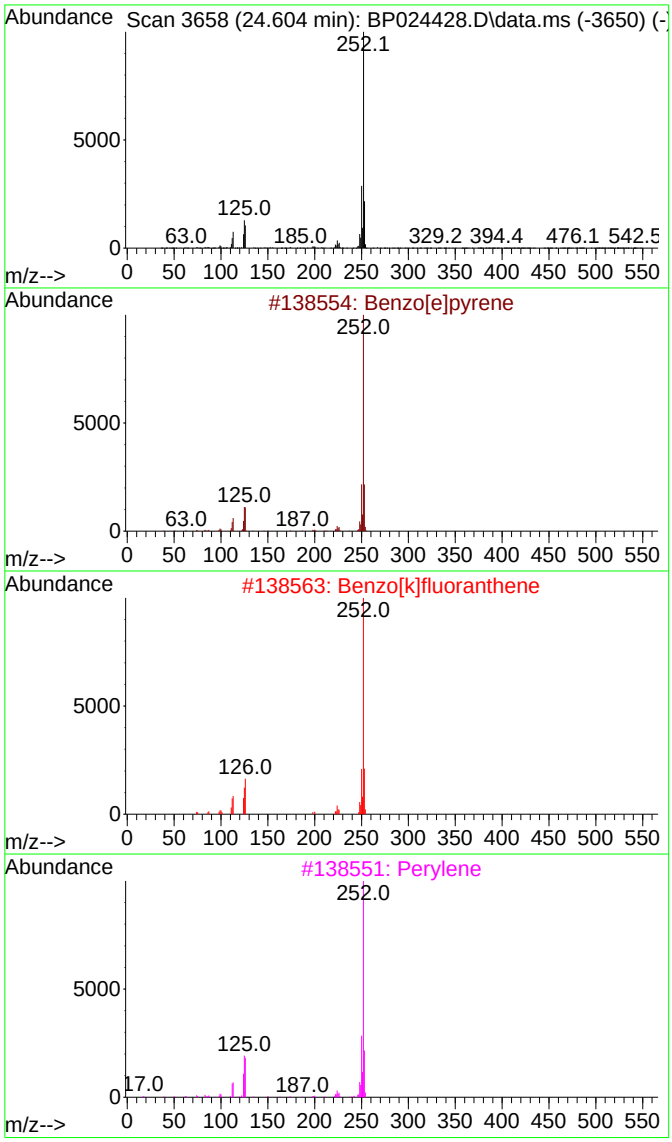
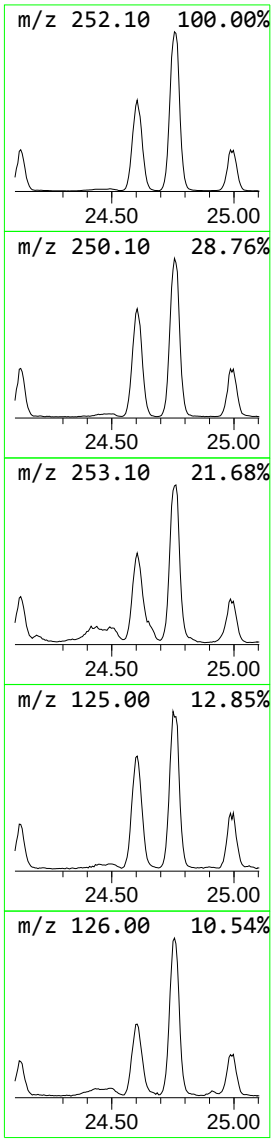
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.604	25.32 ng	3911260	Perylene-d12	24.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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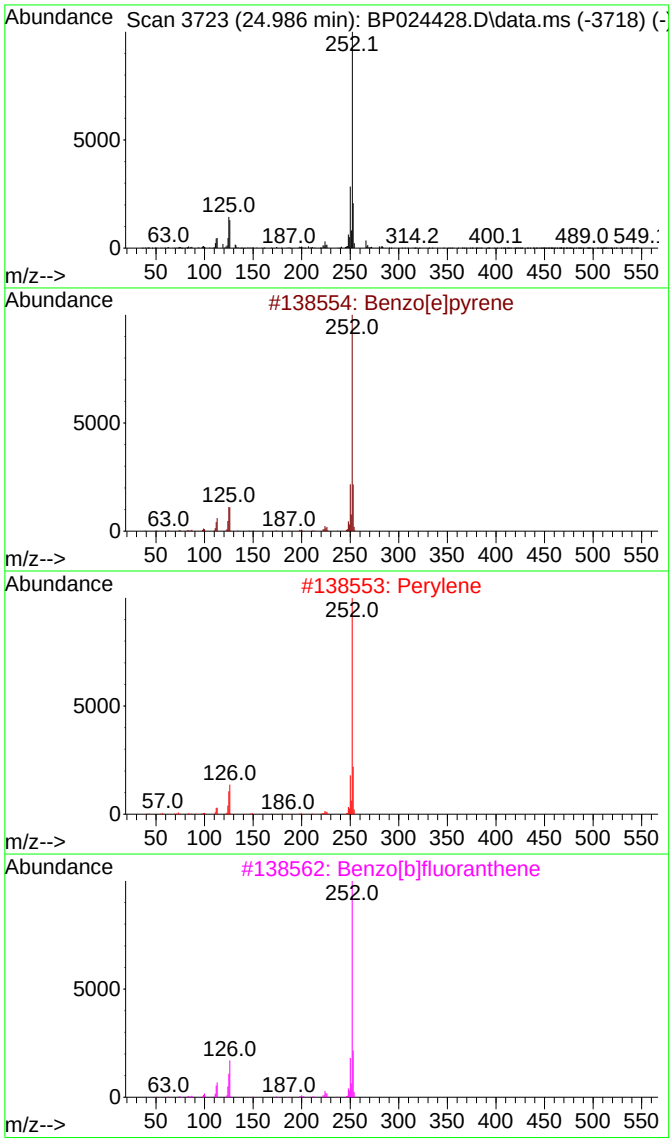
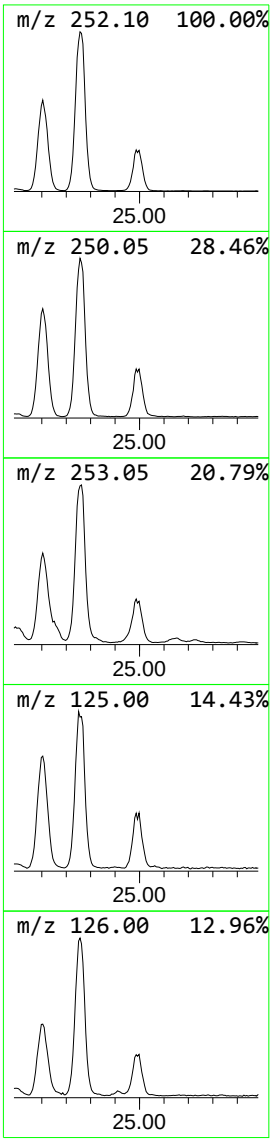
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.986	3.29 ng	507963	Perylene-d12	24.916

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024428.D
Acq On : 25 Apr 2025 18:32
Operator : RC/JU
Sample : Q1871-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
2-Pentanone, 4-...	4.881	4.9	ng	244231	1	7.716	993591	20.0
Naphthalene, 2,...	13.657	3.0	ng	321635	3	14.340	2171640	20.0
Benzophenone	15.722	8.4	ng	914214	3	14.340	2171640	20.0
9H-Fluorene, 2-...	16.434	4.3	ng	566002	4	17.145	2632960	20.0
Dibenzothiophene	16.951	5.4	ng	706325	4	17.145	2632960	20.0
Phenanthrene, 1...	18.051	9.4	ng	1236910	4	17.145	2632960	20.0
Anthracene, 2-m...	18.098	17.6	ng	2318010	4	17.145	2632960	20.0
1H-Cyclopropa[l...	18.180	7.6	ng	1002300	4	17.145	2632960	20.0
4H-Cyclopenta[d...	18.245	19.7	ng	2598480	4	17.145	2632960	20.0
Anthracene, 1-m...	18.281	5.8	ng	763986	4	17.145	2632960	20.0
Naphthalene, 2-...	18.563	7.1	ng	930016	4	17.145	2632960	20.0
Phenanthrene, 2...	18.998	6.8	ng	896443	4	17.145	2632960	20.0
Indeno[2,1-a]in...	19.069	4.0	ng	531654	4	17.145	2632960	20.0
9,10-Dimethylan...	19.139	6.0	ng	796996	4	17.145	2632960	20.0
11H-Benzo[b]flu...	20.163	4.3	ng	2063530	5	21.580	9603550	20.0
Fluoranthene, 2...	20.275	3.4	ng	1624690	5	21.580	9603550	20.0
Pyrene, 1-methyl-	20.328	3.1	ng	1478060	5	21.580	9603550	20.0
Benzo[e]pyrene	24.127	8.2	ng	1267520	6	24.916	3089170	20.0
Perylene	24.604	25.3	ng	3911260	6	24.916	3089170	20.0
Benzo[j]fluoran...	24.986	3.3	ng	507963	6	24.916	3089170	20.0