LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024884.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	322	rBV	495282	692296	3.82%	0.249%
2	5.237	385	391	411	rBV	4989795	7676015	42.32%	2.759%
3	6.814	652	659	688	rVB	5057072	8154273	44.95%	2.931%
4	7.608	784	794	803	rBV	1621855	2563084	14.13%	0.921%
5	8.755	982	989	997	rBV	3251774	5299448	29.21%	1.905%
6	10.372	1252	1264	1270	rBV	2137908	3682005	20.30%	1.324%
7	10.425	1270	1273	1279	rVB	113234	182536	1.01%	0.066%
8	12.043	1543	1548	1555	rVB	200325	332296	1.83%	0.119%
9	12.260	1579	1585	1588	rBV	104845	185282	1.02%	0.067%
10	12.848	1677	1685	1694	rBV	7982607	12046766	66.41%	4.330%
11	13.060	1717	1721	1727	rVB2	191008	283551	1.56%	0.102%
12	13.966	1870	1875	1882	rBV	315178	478638	2.64%	0.172%
13	14.066	1889	1892	1900	rVB6	150477	257871	1.42%	0.093%
14	14.148	1901	1906	1911	rVV	266257	409943	2.26%	0.147%
15	14.243	1913	1922	1928	rVV	3171122	4918796	27.12%	1.768%
16	14.307	1928	1933	1941	rVB	435768	733044	4.04%	0.263%
17	14.648	1988	1991	1996	rVB	291136	418960	2.31%	0.151%
18	14.778	2009	2013	2021	rVB5	110174	205351	1.13%	0.074%
19	15.113	2067	2070	2075	rVB	312668	356274	1.96%	0.128%
20	15.307	2098	2103	2107	rBV	379027	554507	3.06%	0.199%
21	15.525	2136	2140	2144	rVB	169040	263123	1.45%	0.095%
22	15.625	2151	2157	2163	rVB	1345953	2269898	12.51%	0.816%
23	15.760	2173	2180	2188	rBV	6673505	10018673	55.23%	3.601%
24	15.995	2215	2220	2222	rBV3	542687	810884	4.47%	0.291%
25	16.195	2251	2254	2262	rVB	271418	369198	2.04%	0.133%
26	16.331	2273	2277	2282	rVB4	177773	319095	1.76%	0.115%
27	16.448	2294	2297	2301	rBV2	124086	189798	1.05%	0.068%
28	16.566	2314	2317	2322	rBV5	123939	259456	1.43%	0.093%
29	16.695	2335	2339	2344	rVB2	220294	341199	1.88%	0.123%
30	16.772	2348	2352	2354	rVV2	164526	291084	1.60%	0.105%
31	16.801	2354	2357	2362	rVV	485548	660255	3.64%	0.237%
32	16.854	2362	2366	2376	rVB	502762	899905	4.96%	0.323%
33	16.960	2380	2384	2391	rVB	466561	648645	3.58%	0.233%
34	17.042	2392	2398	2401	rBV	3646492	5186946	28.59%	1.864%
35	17.084	2401	2405	2413	rVV	4256681	5849018	32.24%	2.102%
36	17.178	2417	2421	2426	rVB	1459876	2046214	11.28%	0.736%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.236	2426	2431	2438	rBV4	333996	605196	3.34%	0.218%
38	17.431	2460	2464	2467	rBV	375008	579071	3.19%	0.208%
39	17.566	2483	2487	2494	rVB2	418424	679531	3.75%	0.244%
40	17.784	2521	2524	2531	rVB2	130357	198003	1.09%	0.071%
41	17.860	2533	2537	2542	rVV3	200699	332929	1.84%	0.120%
42	17.942	2546	2551	2555	rVV	809010	1277055	7.04%	0.459%
43	17.989	2555	2559	2567	rVV2	3609574	5456009	30.08%	1.961%
44	18.078	2570	2574	2579	rVV	637448	986731	5.44%	0.355%
45	18.142	2579	2585	2589	rVV3	1611154	2891400	15.94%	1.039%
46	18.178	2589	2591	2598	rVB2	655984	966707	5.33%	0.347%
47	18.283	2605	2609	2617	rBV	384028	593581	3.27%	0.213%
48	18.354	2618	2621	2625	rBV3	200063	262721	1.45%	0.094%
49	18.466	2636	2640	2645	rBV	1384573	1729887	9.54%	0.622%
50	18.519	2645	2649	2656	rVB	368978	486198	2.68%	0.175%
51	18.719	2680	2683	2687	rVB	270585	297925	1.64%	0.107%
52	18.772	2688	2692	2695	rBV2	304713	389055	2.14%	0.140%
53	18.813	2697	2699	2702	rVB	205685	212833	1.17%	0.077%
54	18.895	2709	2713	2717	rBV	615709	803369	4.43%	0.289%
55	18.942	2717	2721	2728	rBV4	492773	1063128	5.86%	0.382%
56	19.042	2734	2738	2746	rVB	690136	1205654	6.65%	0.433%
57	19.172	2754	2760	2766	rBV	12839549	18139929	100.00%	6.521%
58	19.236	2769	2771	2775	rVV	266158	312914	1.73%	0.112%
59	19.278	2775	2778	2780	rVV	284741	316850	1.75%	0.114%
60	19.313	2780	2784	2790	rVB3	764836	1121927	6.18%	0.403%
61	19.419	2798	2802	2807	rVB2	380743	627132	3.46%	0.225%
62	19.519	2814	2819	2820	rBV	2791694	3063718	16.89%	1.101%
63	19.548	2820	2824	2833	rVV	11221549	16768649	92.44%	6.028%
64	19.625	2833	2837	2844	rVB2	658894	1164119	6.42%	0.418%
65	19.772	2852	2862	2866	rBV	11317985	15444346	85.14%	5.552%
66	19.807	2866	2868	2873	rVB2	486487	668175	3.68%	0.240%
67	19.889	2877	2882	2883	rBV3	922419	1292395	7.12%	0.465%
68	20.036	2901	2907	2908	rBV	717611	1196237	6.59%	0.430%
69	20.072	2909	2913	2917	rVB	2346450	2993020	16.50%	1.076%
70	20.107	2917	2919	2922	rBV3	245390	260348	1.44%	0.094%
71	20.172	2926	2930	2934	rVV2	1516028	1927779	10.63%	0.693%
72	20.230	2934	2940	2944	rBV2	1476252	2645393	14.58%	0.951%
73	20.272	2944	2947	2952	rVB	655537	972566	5.36%	0.350%
74	20.319	2952	2955	2960	rVB	459770	524024	2.89%	0.188%
75	20.377	2962	2965	2969	rBV	685065	759357	4.19%	0.273%
76	20.430	2969	2974	2978	rBV3	749741	1344899	7.41%	0.483%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.860	3043	3047	3053	rVB	1354881	1940548	10.70%	0.698%
78	21.042	3073	3078	3081	rBV3	1159329	1864161	10.28%	0.670%
79	21.083	3082	3085	3089	rVV	1166584	1640432	9.04%	0.590%
80	21.130	3089	3093	3100	rVV3	1529203	3456555	19.05%	1.242%
81	21.201	3101	3105	3111	rVB	1029343	1607288	8.86%	0.578%
82	21.448	3142	3147	3154	rBV2	7574032	16307962	89.90%	5.862%
83	21.513	3154	3158	3168	rVB	5641908	9667497	53.29%	3.475%
84	21.666	3181	3184	3188	rBV	1009388	1499917	8.27%	0.539%
85	21.866	3215	3218	3220	rBV2	404426	486464	2.68%	0.175%
86	22.213	3273	3277	3282	rVB	1106845	1800525	9.93%	0.647%
87	22.483	3319	3323	3327	rBV	620339	1023758	5.64%	0.368%
88	22.530	3327	3331	3336	rVB	630443	1132507	6.24%	0.407%
89	23.701	3521	3530	3536	rBV	5213221	15731390	86.72%	5.655%
90	23.948	3566	3572	3581	rVB	1062306	2553265	14.08%	0.918%
91	24.418	3644	3652	3665	rVB	3059471	8657696	47.73%	3.112%
92	24.560	3667	3676	3684	rBV	4790224	12260843	67.59%	4.407%
93	24.718	3696	3703	3709	rBV2	1331490	3570337	19.68%	1.283%
94	24.801	3711	3717	3725	rVB2	1062518	2714222	14.96%	0.976%
95	28.418	4319	4332	4352	rVB2	2243131	9732595	53.65%	3.498%
96	29.565	4513	4527	4539	rVB	1995652	8132379	44.83%	2.923%

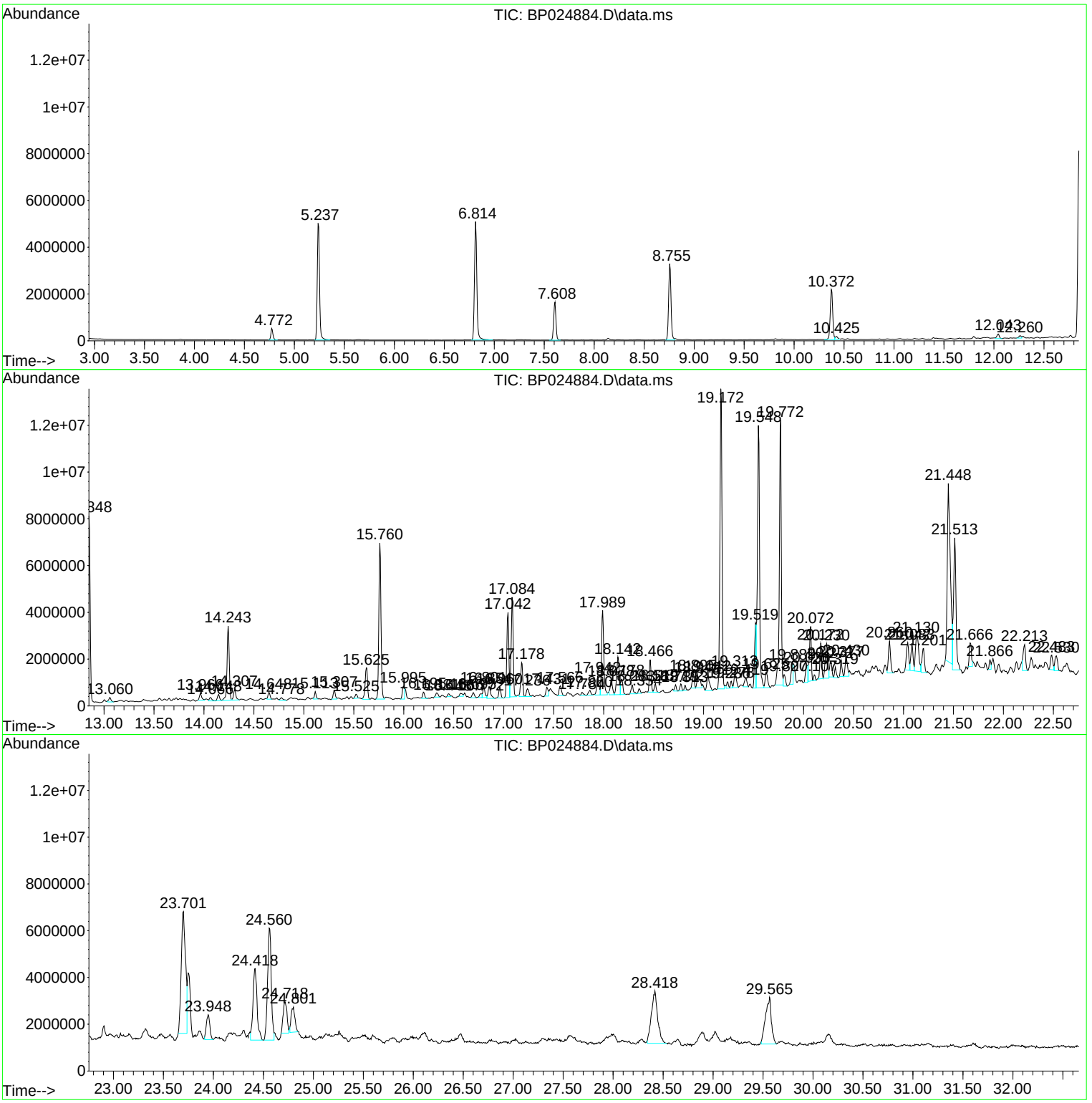
Sum of corrected areas: 278195428

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
TR-05-060525

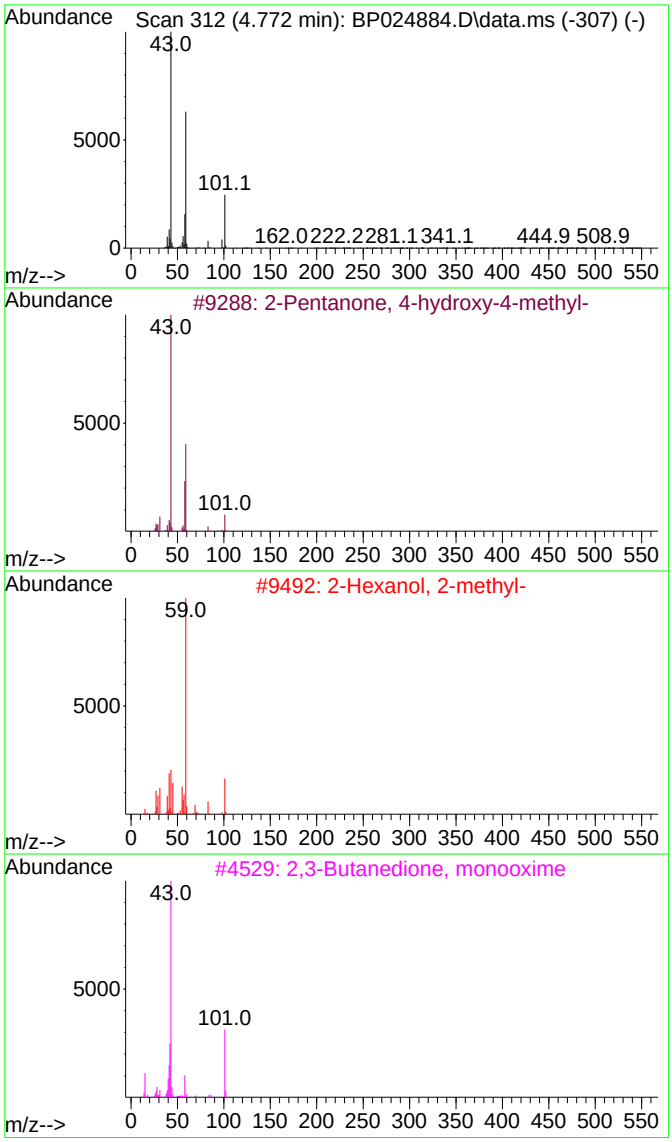
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

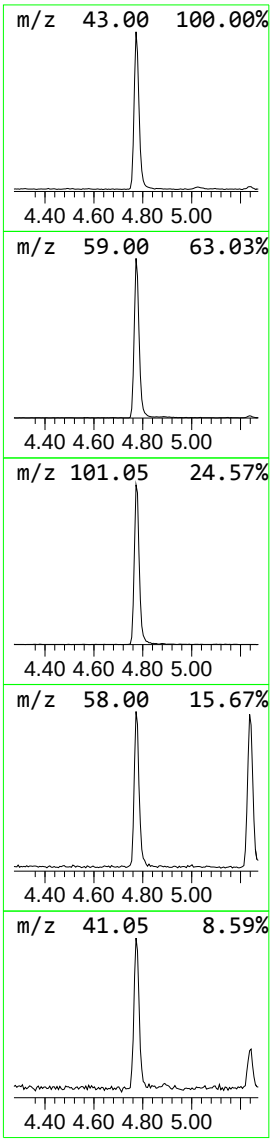
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.40 ng	692296	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

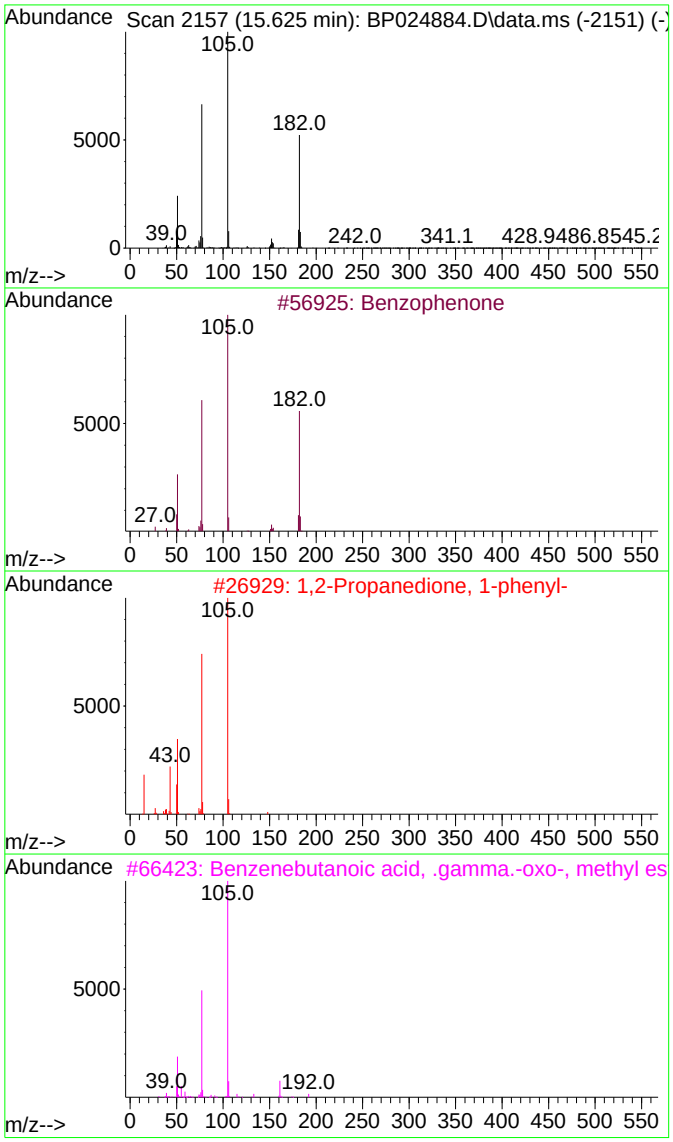
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

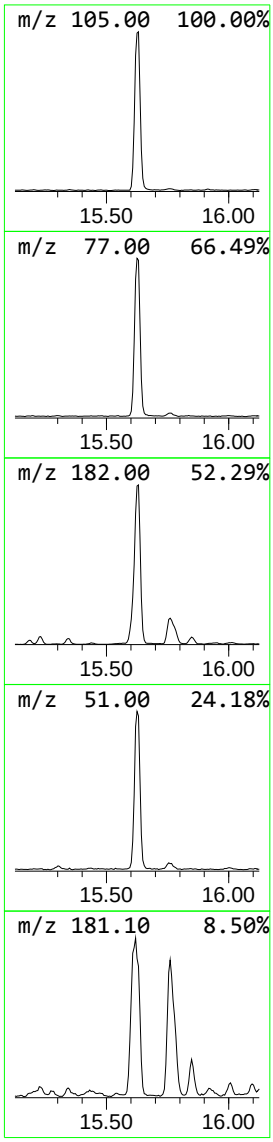
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.625	9.23 ng	2269900	Acenaphthene-d10	14.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
3	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

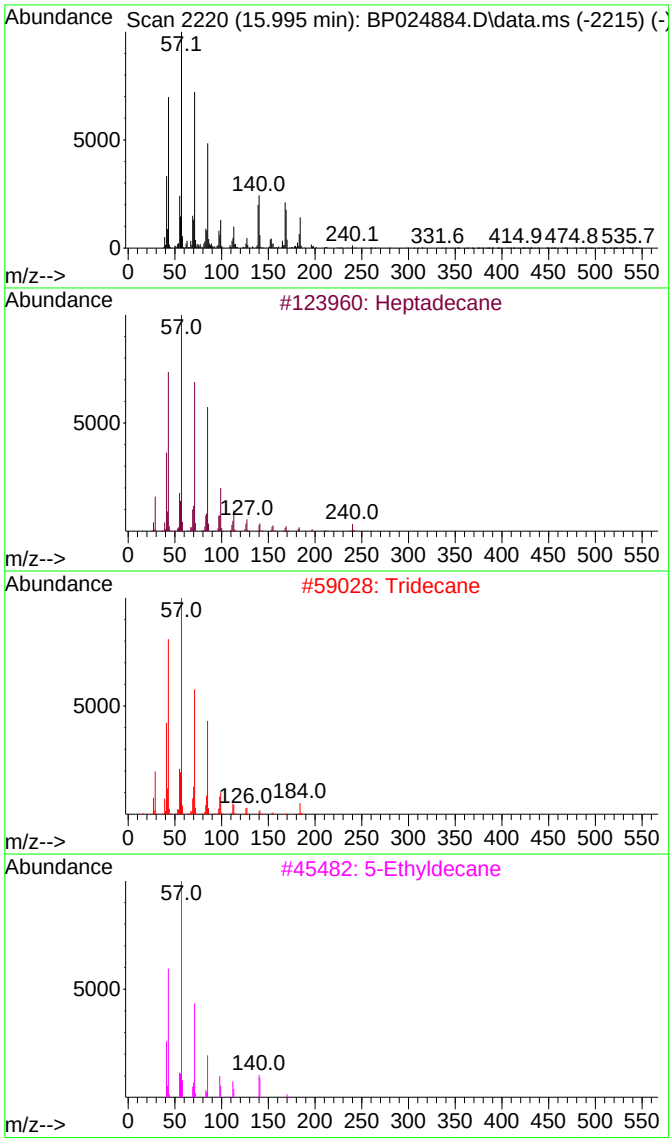
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

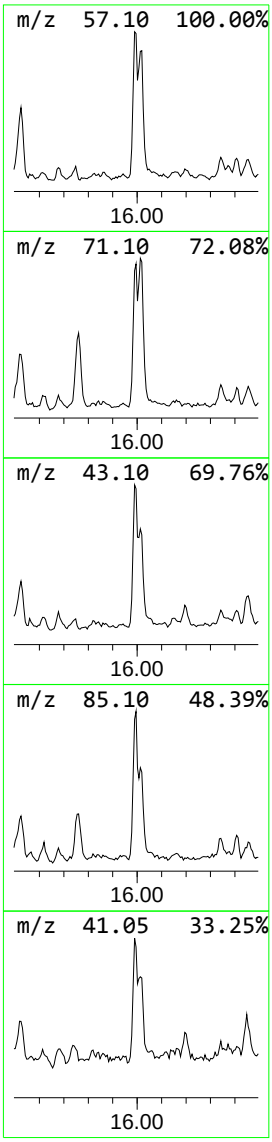
****

Peak Number 3 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.995	3.13 ng	810884	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tridecane	184	C13H28	000629-50-5	78
3	5-Ethyldecane	170	C12H26	017302-36-2	64
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	60
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

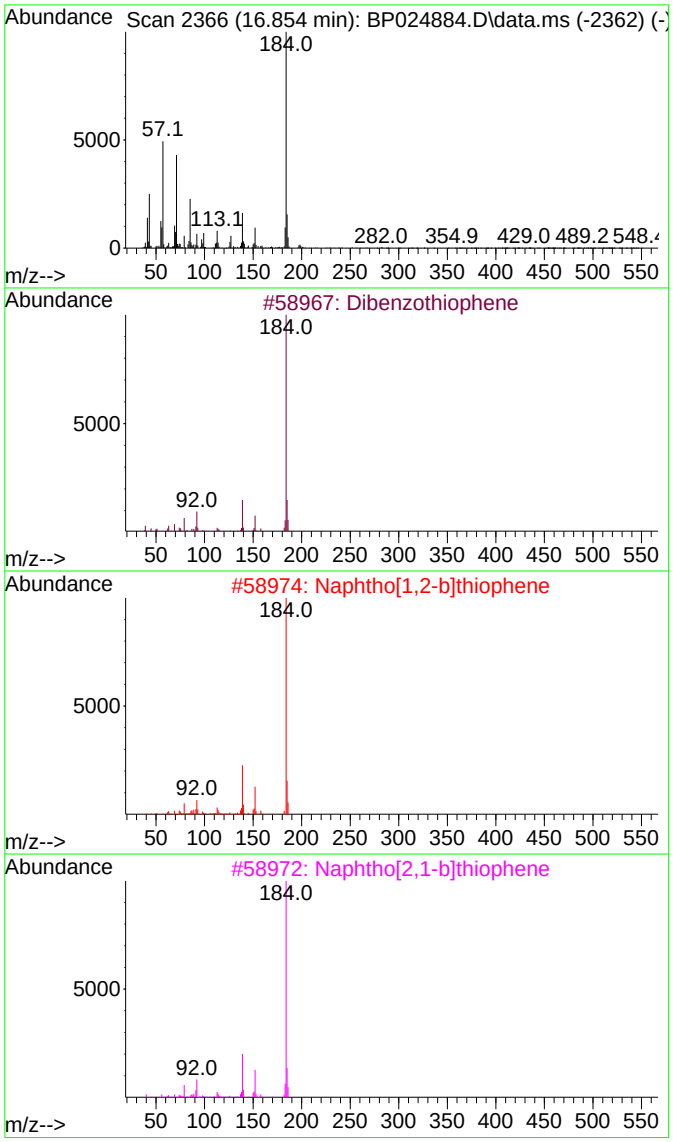
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

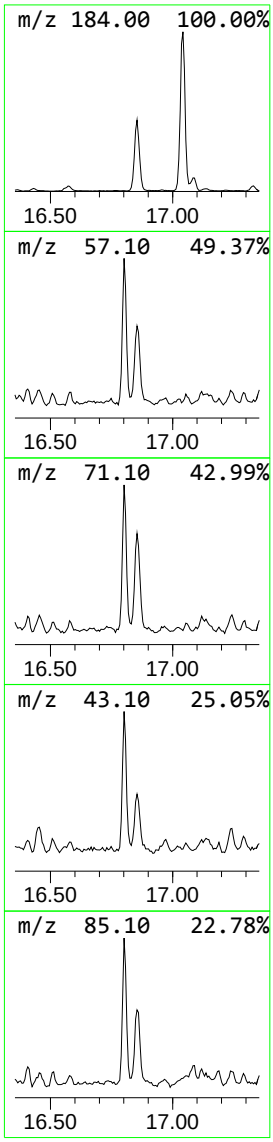
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.854	3.47 ng	899905	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	78
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

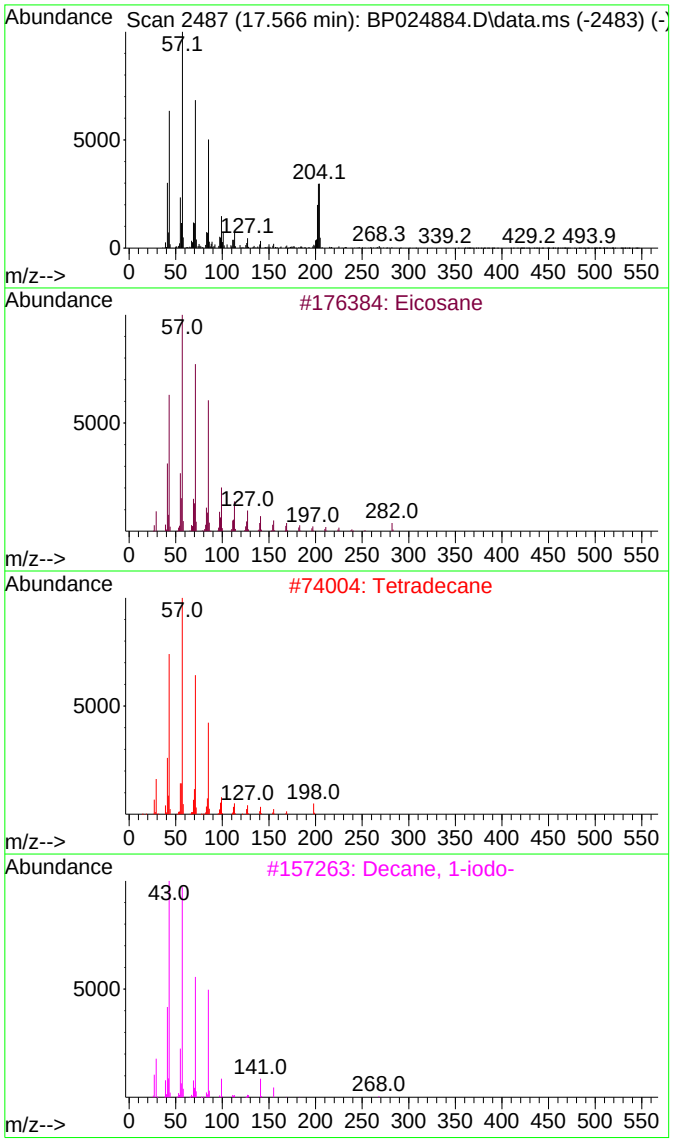
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

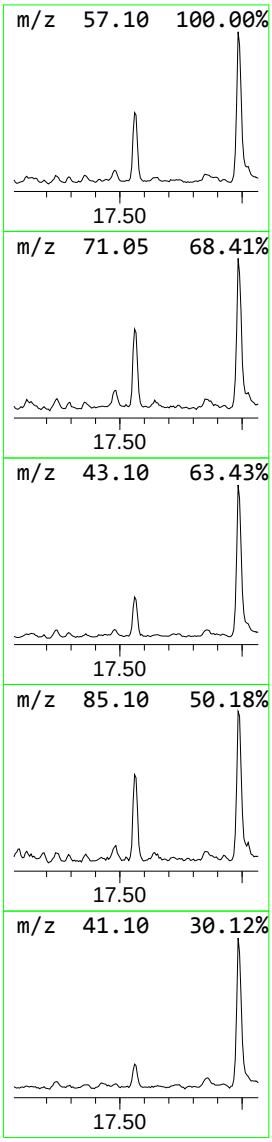
****

Peak Number 5 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.566	2.62 ng	679531	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Tetradecane	198	C14H30	000629-59-4	92
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





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Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-060525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

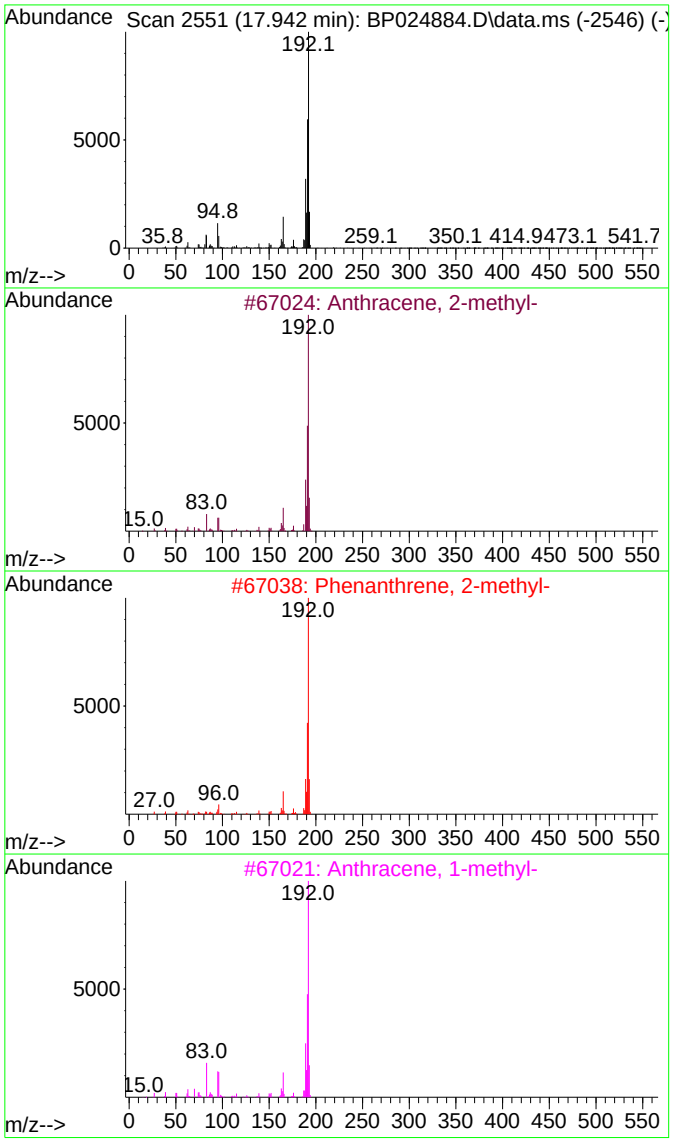
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

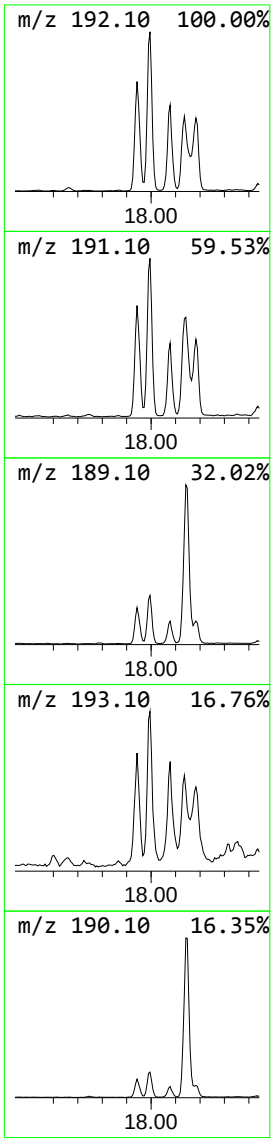
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.942	4.92 ng	1277060	Phenanthrene-d10	17.042

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





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Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-060525

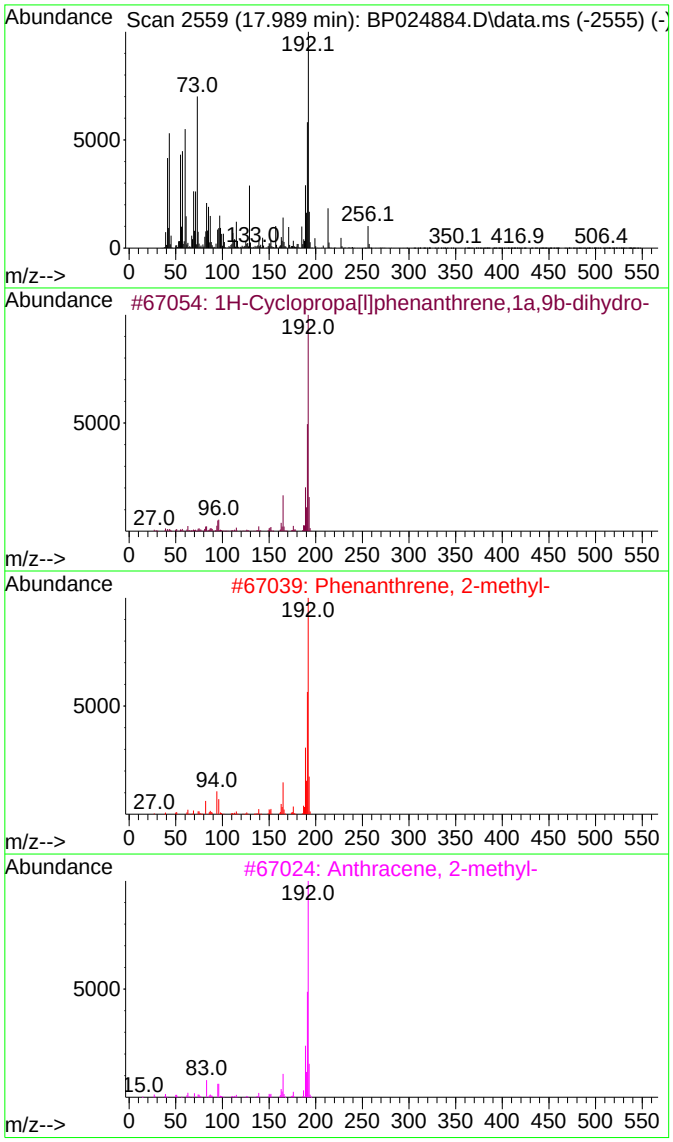
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

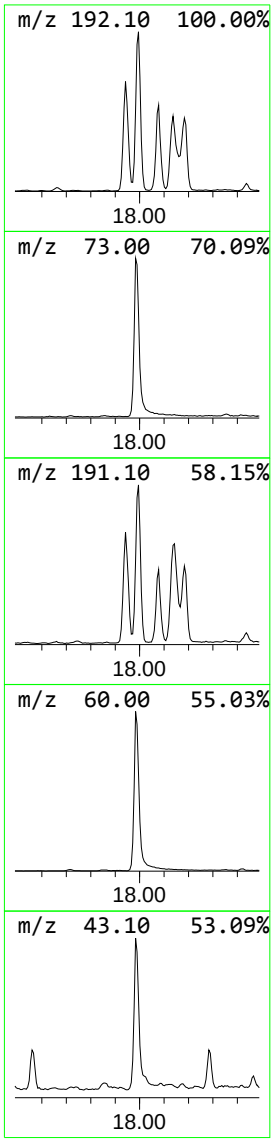
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.989	21.04 ng	5456010	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-060525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

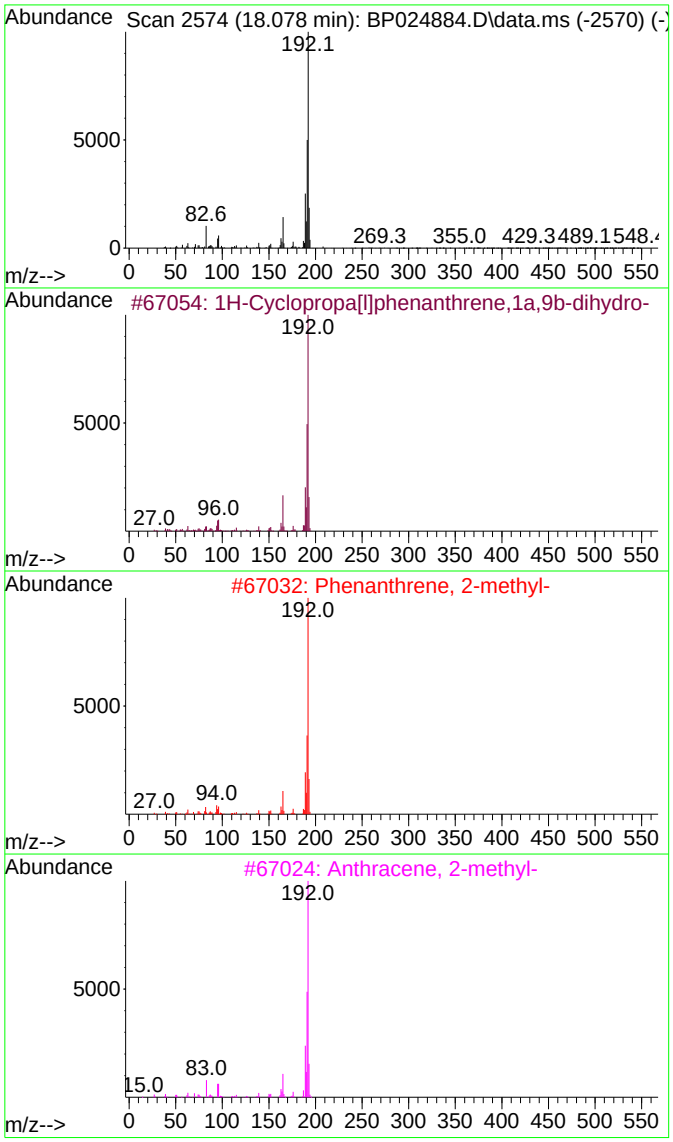
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

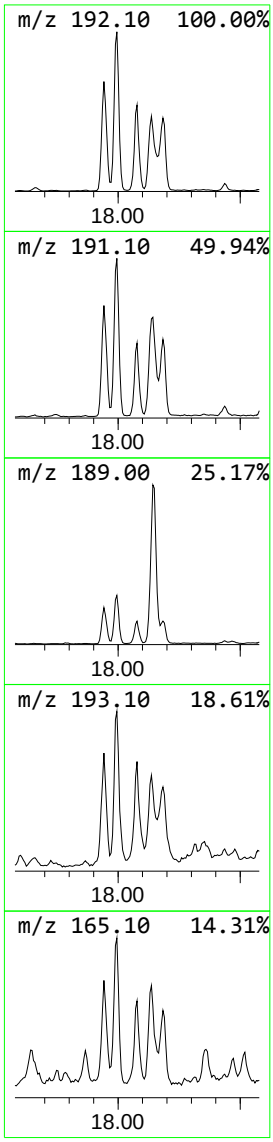
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.078	3.80 ng	986731	Phenanthrene-d10	17.042

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-060525

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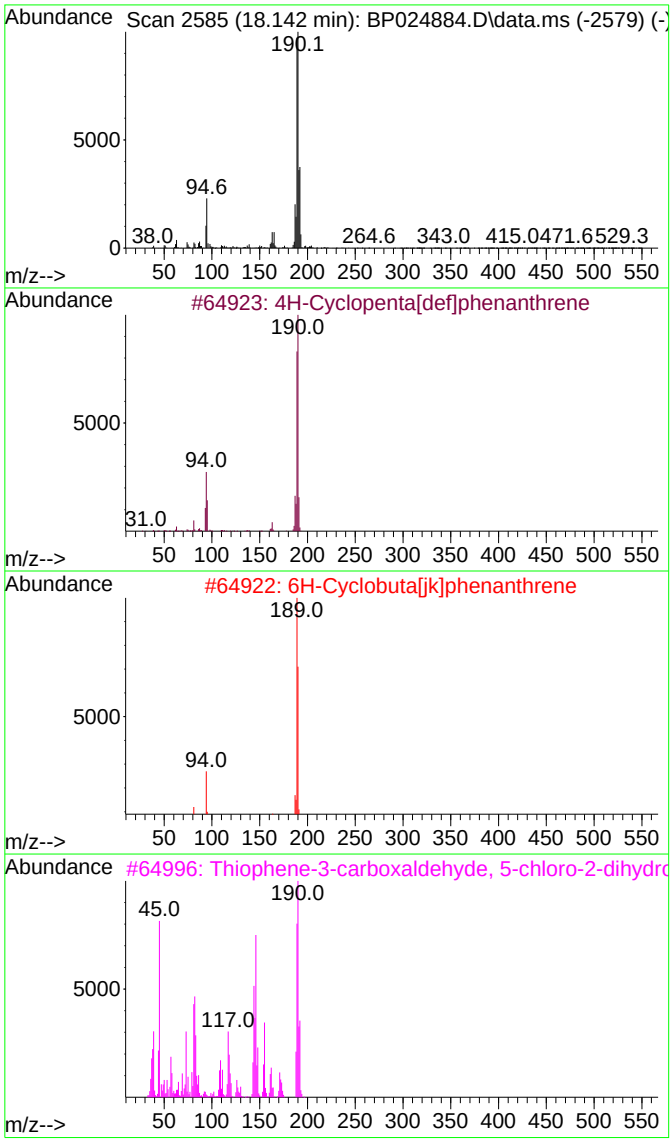
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

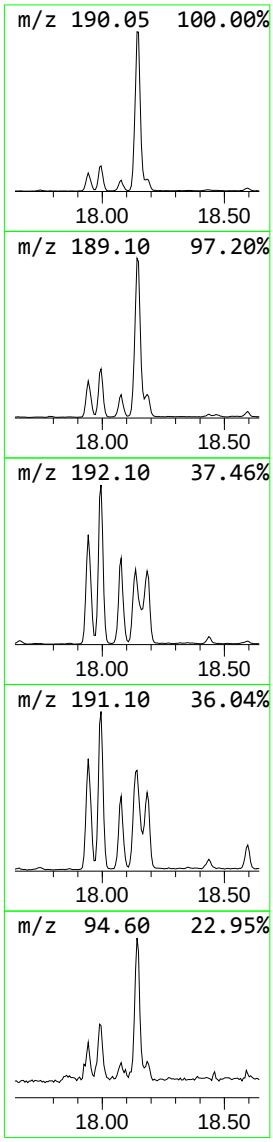
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	11.15 ng	2891400	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





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Misc :
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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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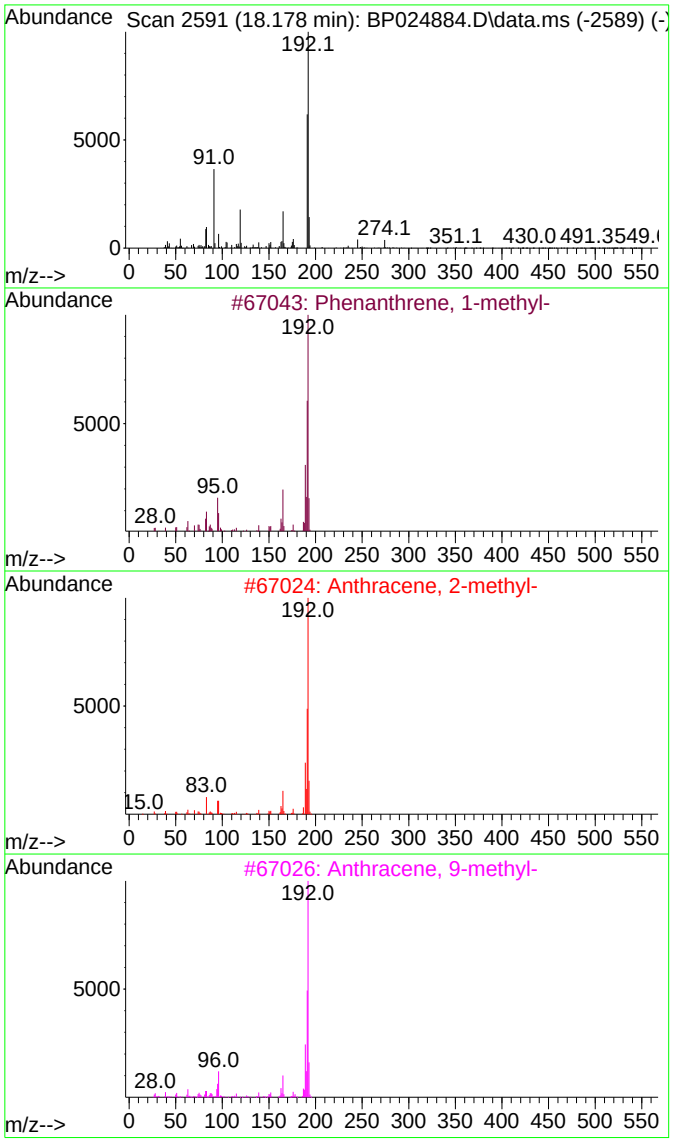
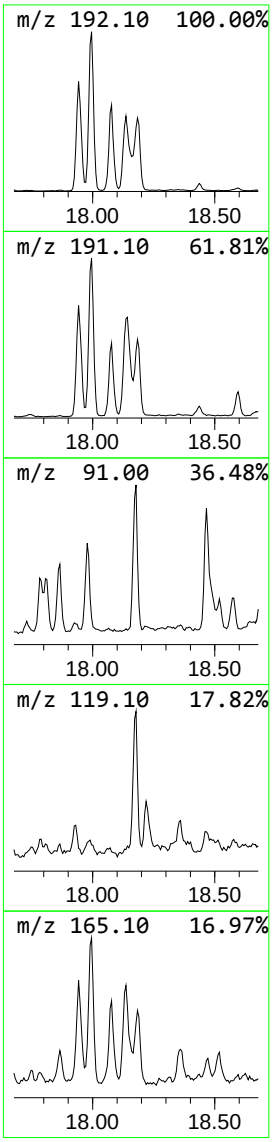
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.178	3.73 ng	966707	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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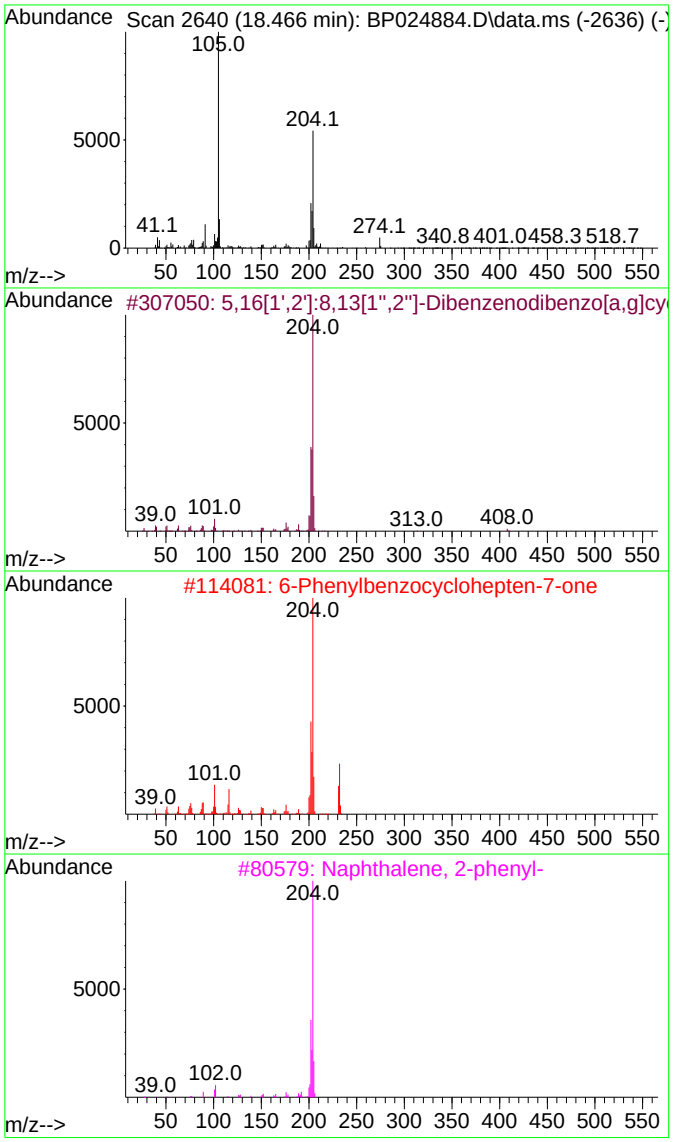
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

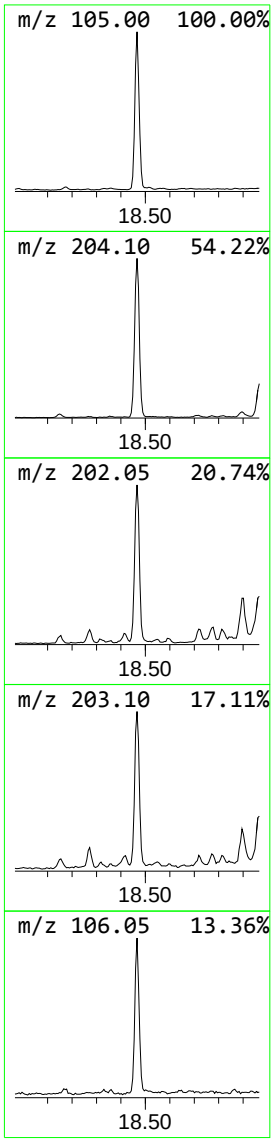
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.466	6.67 ng	1729890	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38





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Sample : Q2248-01
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\NIST20.L
TIC Integration Parameters: LSCINT.P

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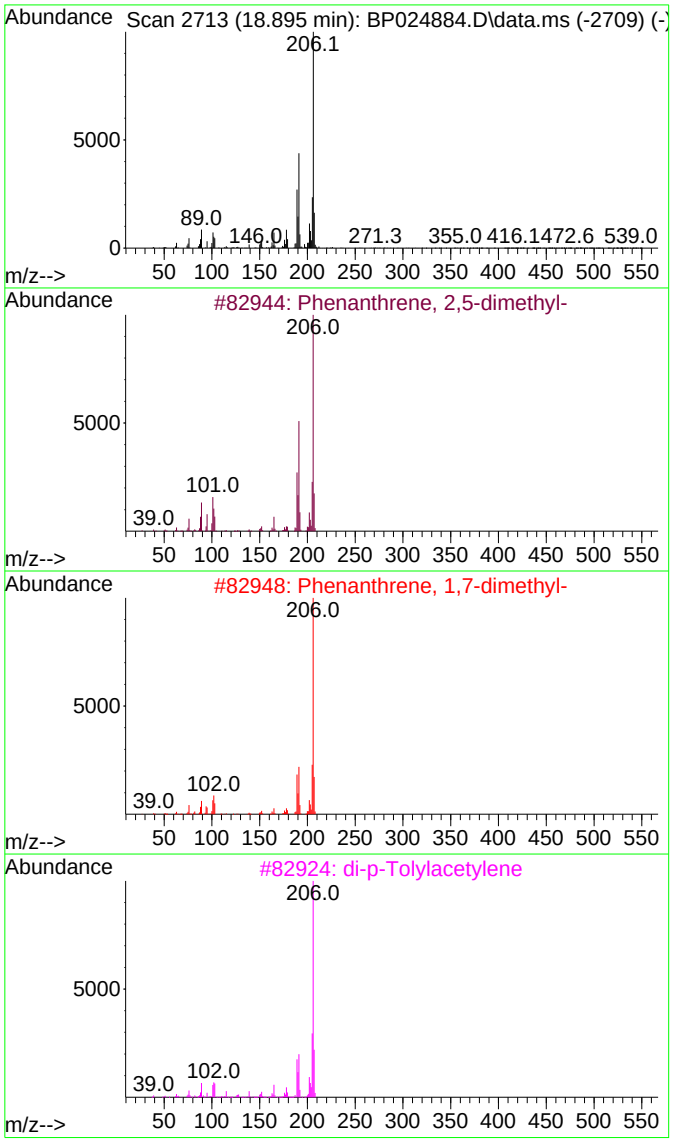
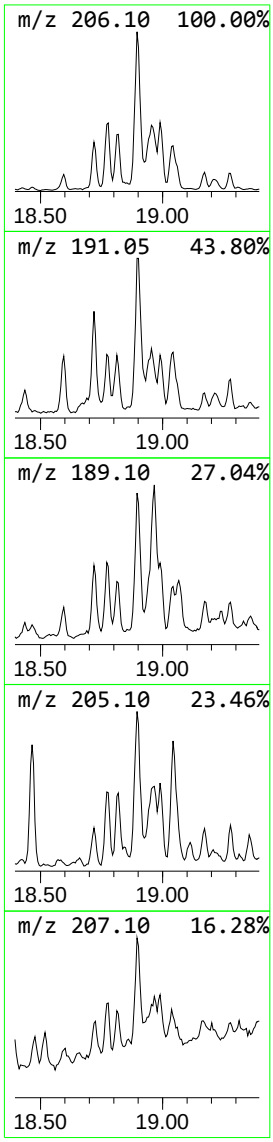
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.895	3.10 ng	803369	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Misc :
ALS Vial : 15 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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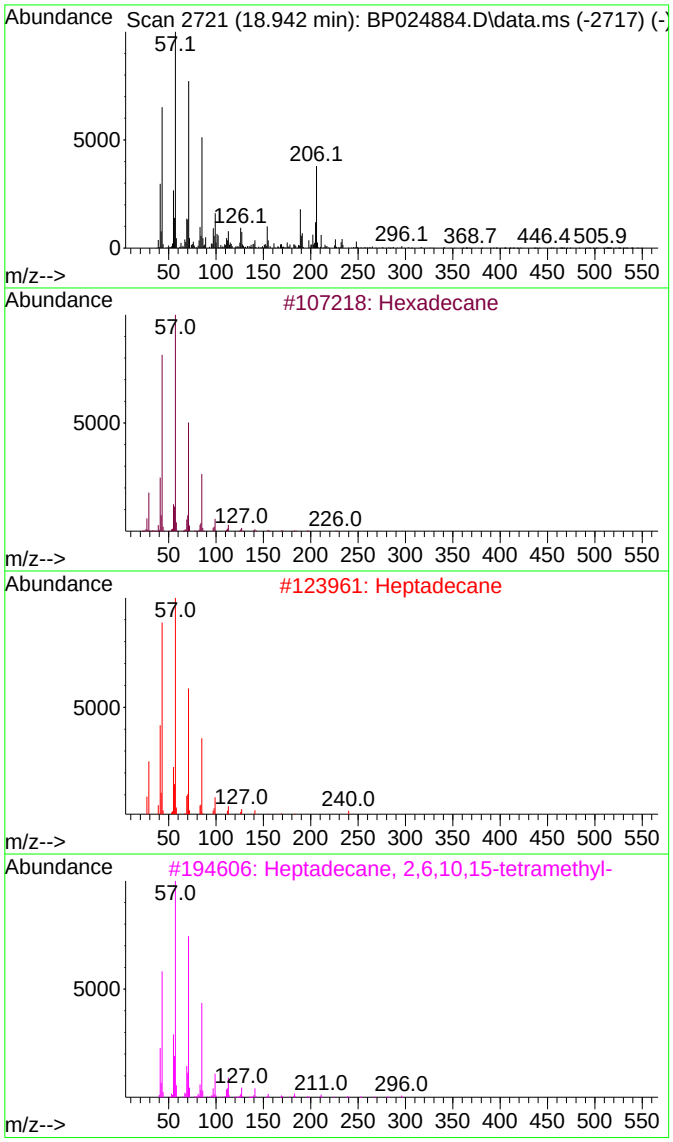
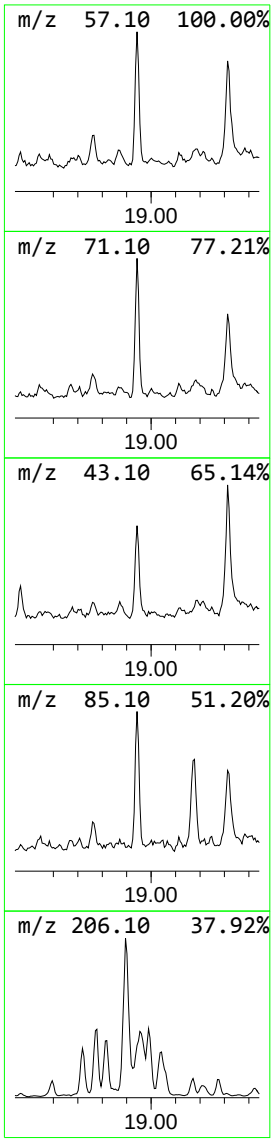
Peak Number 13 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.942	4.10 ng	1063130	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70





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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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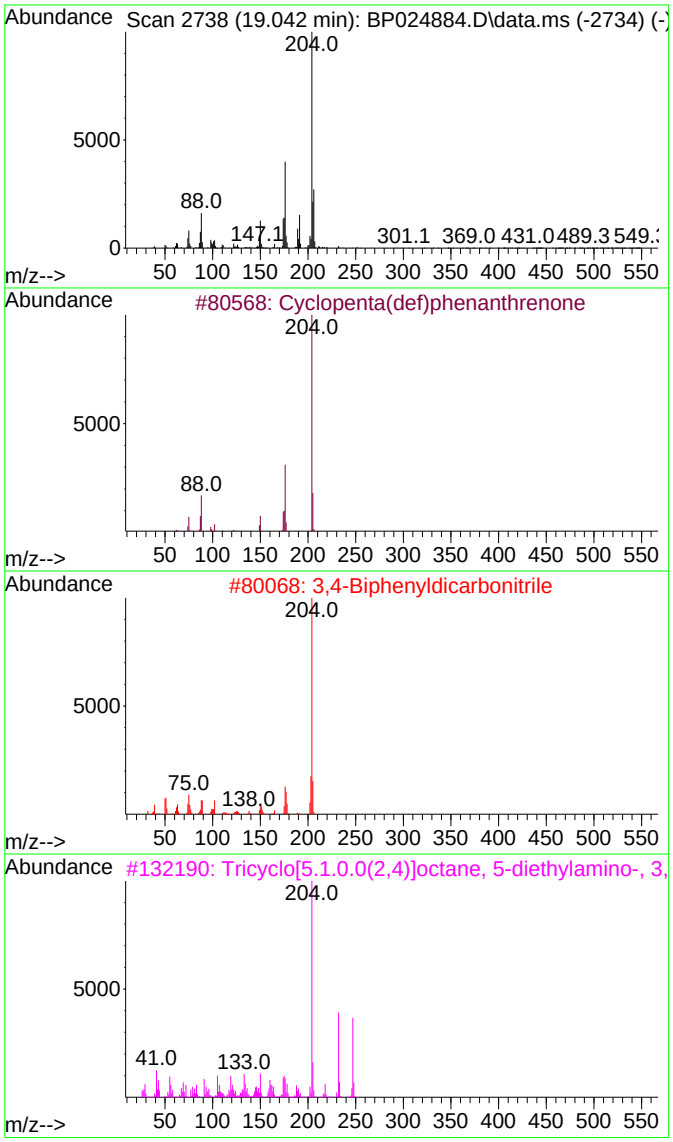
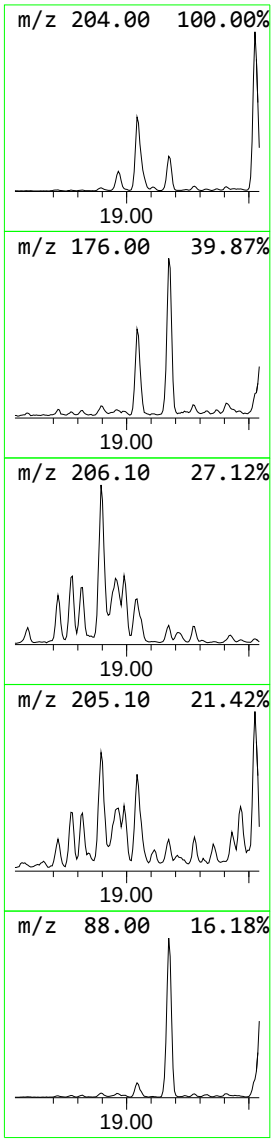
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.042	4.65 ng	1205650	Phenanthrene-d10	17.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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ALS Vial : 15 Sample Multiplier: 1

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TIC Library : C:\Database\NIST20.L
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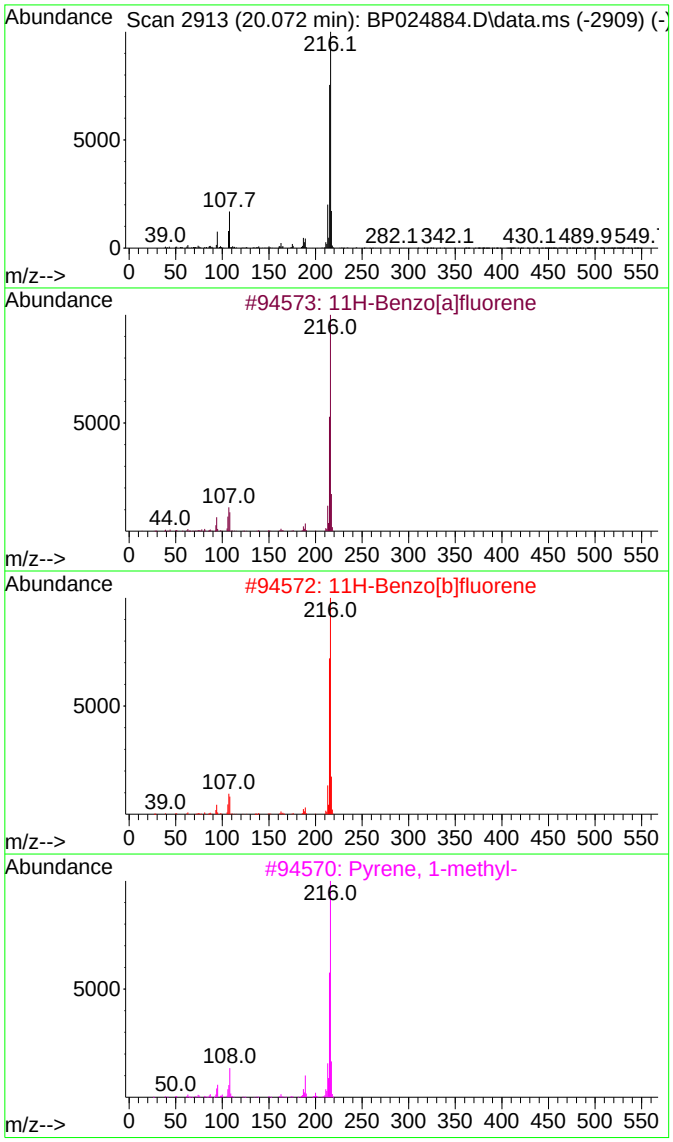
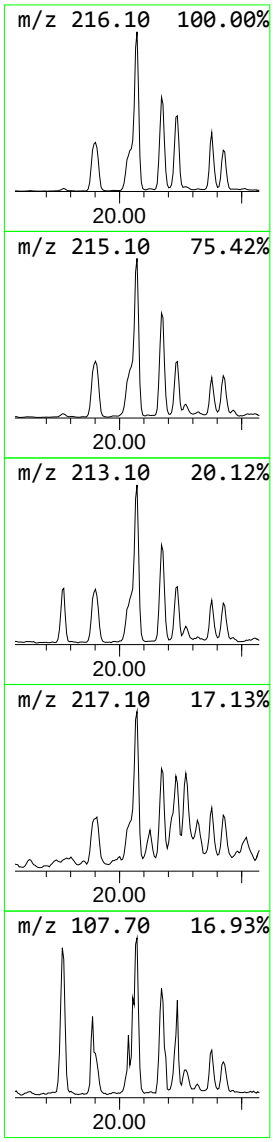
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.072	3.67 ng	2993020	Chrysene-d12	21.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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

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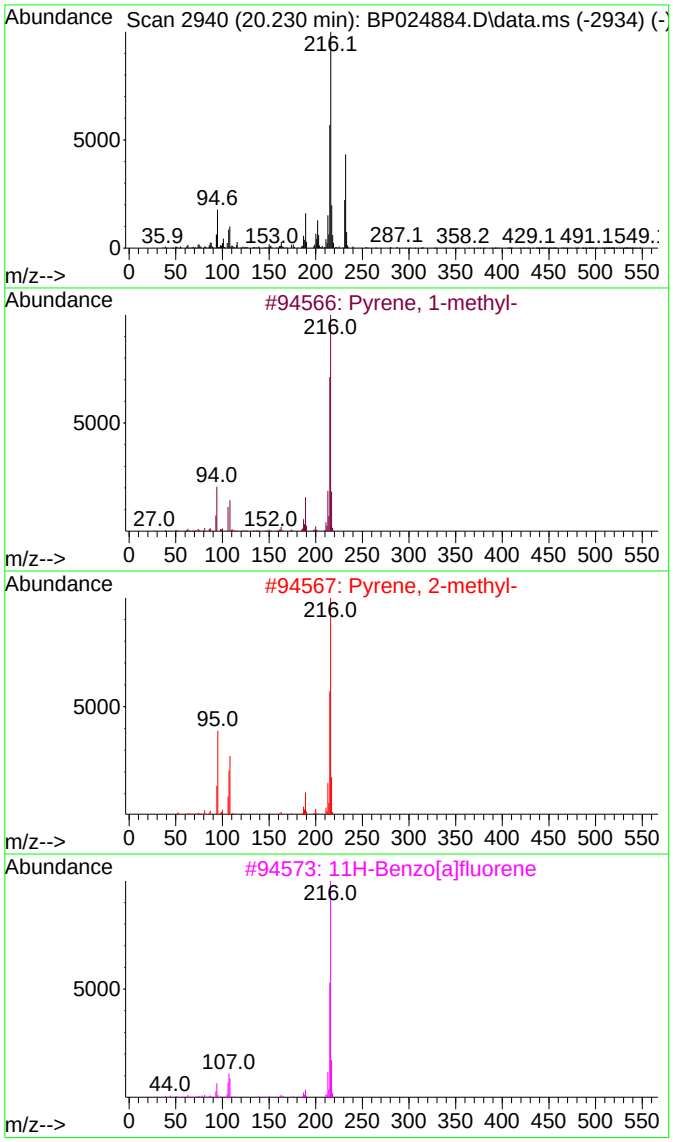
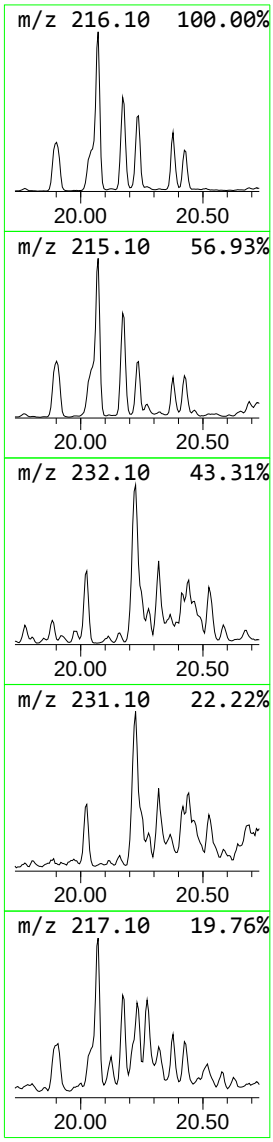
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.230	3.24 ng	2645390	Chrysene-d12	21.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





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Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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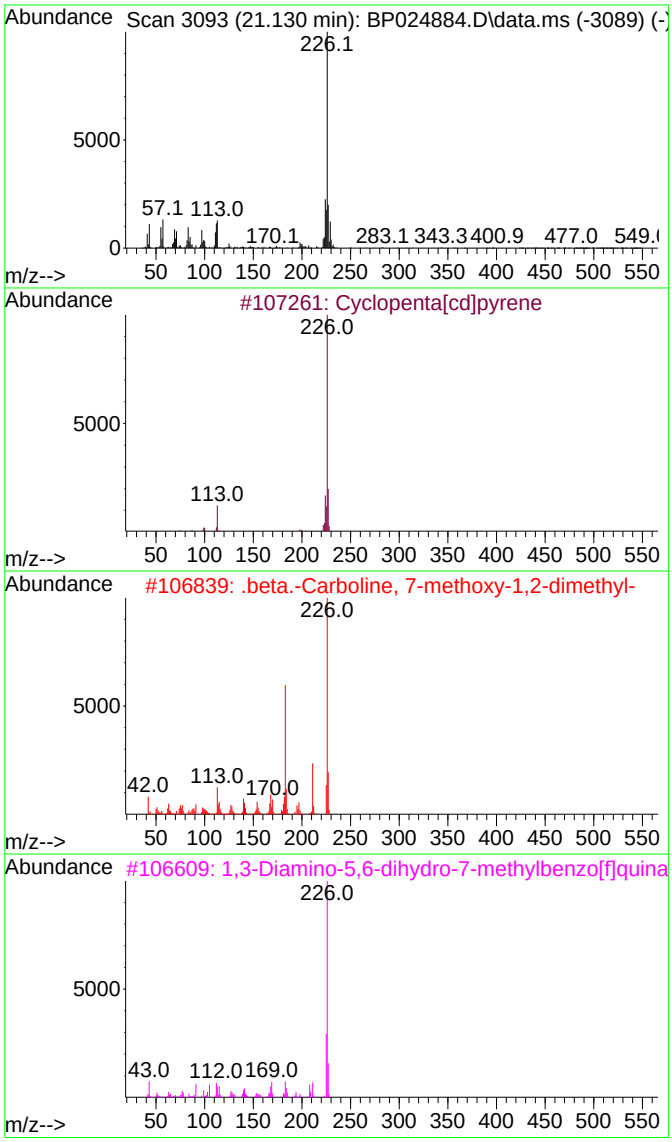
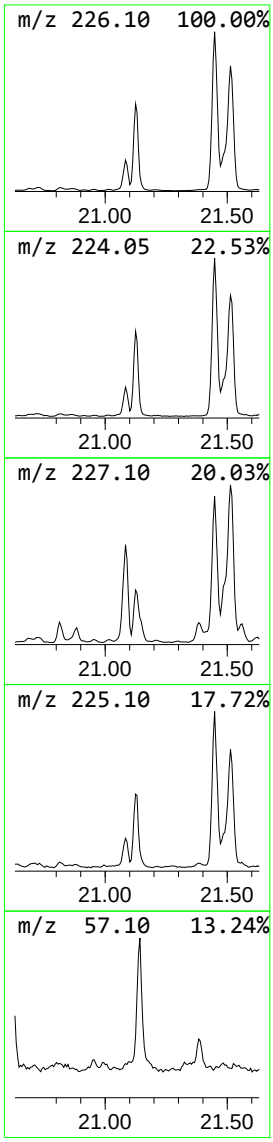
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.130	4.24 ng	3456560	Chrysene-d12	21.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	40
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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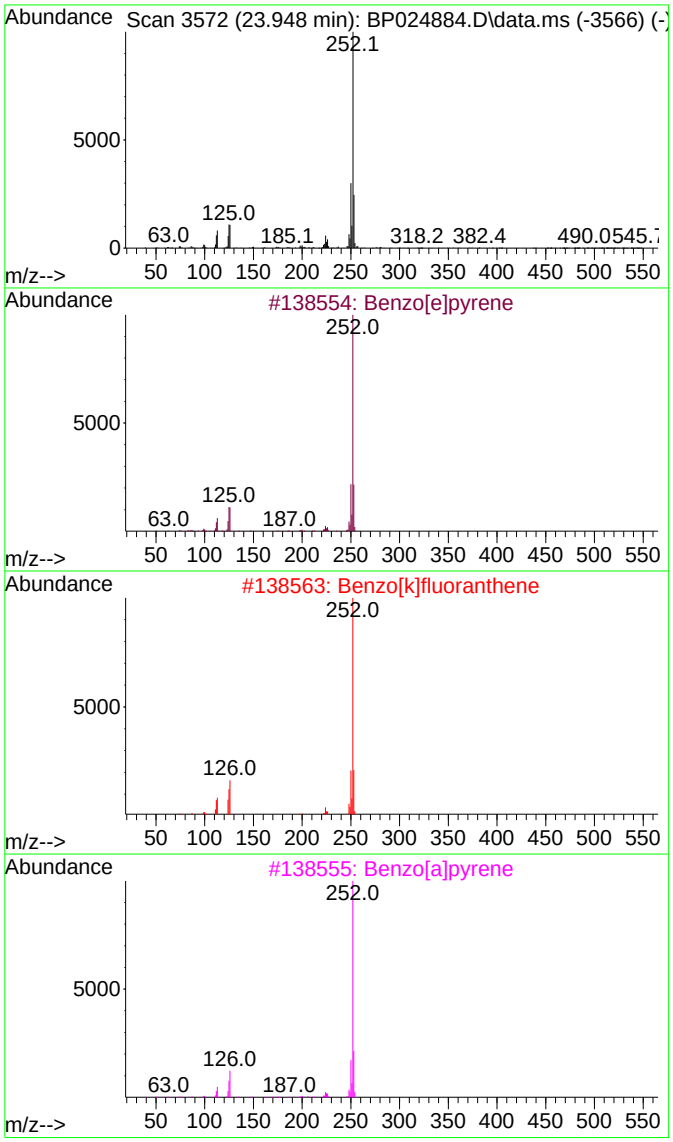
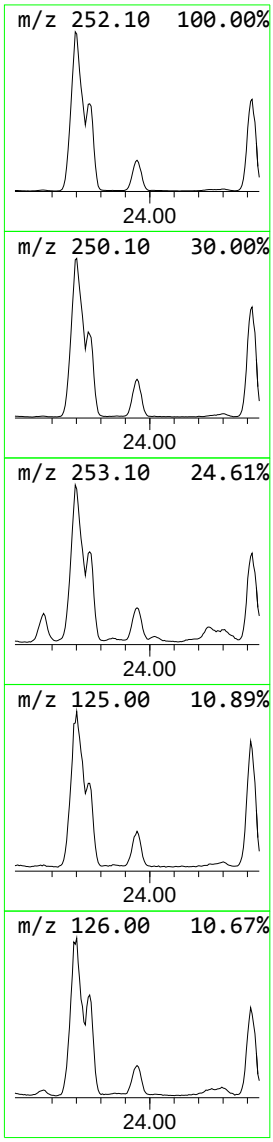
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.948	14.30 ng	2553270	Perylene-d12	24.718

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024884.D
Acq On : 09 Jun 2025 19:38
Operator : RC/JU
Sample : Q2248-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-060525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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-...	4.772	5.4	ng	692296	1	7.608	2563080	20.0
Benzophenone	15.625	9.2	ng	2269900	3	14.243	4918800	20.0
Heptadecane	15.995	3.1	ng	810884	4	17.042	5186950	20.0
Dibenzothiophene	16.854	3.5	ng	899905	4	17.042	5186950	20.0
Eicosane	17.566	2.6	ng	679531	4	17.042	5186950	20.0
Anthracene, 2-m...	17.942	4.9	ng	1277060	4	17.042	5186950	20.0
1H-Cyclopropa[l...	17.989	21.0	ng	5456010	4	17.042	5186950	20.0
Phenanthrene, 2...	18.078	3.8	ng	986731	4	17.042	5186950	20.0
4H-Cyclopenta[d...	18.142	11.2	ng	2891400	4	17.042	5186950	20.0
Phenanthrene, 1...	18.178	3.7	ng	966707	4	17.042	5186950	20.0
5,16[1',2']:8,1...	18.466	6.7	ng	1729890	4	17.042	5186950	20.0
Phenanthrene, 2...	18.895	3.1	ng	803369	4	17.042	5186950	20.0
Hexadecane	18.942	4.1	ng	1063130	4	17.042	5186950	20.0
Cyclopenta(def)...	19.042	4.7	ng	1205650	4	17.042	5186950	20.0
11H-Benzo[a]flu...	20.072	3.7	ng	2993020	5	21.466	16308000	20.0
Pyrene, 1-methyl-	20.230	3.2	ng	2645390	5	21.466	16308000	20.0
Cyclopenta[cd]p...	21.130	4.2	ng	3456560	5	21.466	16308000	20.0
Benzo[e]pyrene	23.948	14.3	ng	2553270	6	24.718	3570340	20.0