LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	302	rVB	610897	850354	2.87%	0.216%
2	5.108	362	369	385	rBV	6951942	10014861	33.84%	2.540%
3	6.643	619	630	644	rBV	7161779	10457169	35.33%	2.652%
4	7.443	759	766	775	rVB	2582731	4026729	13.61%	1.021%
5	8.572	942	958	972	rBV	4265774	6981212	23.59%	1.771%
6	10.190	1225	1233	1239	rBV	3519105	5585501	18.87%	1.417%
7	11.872	1510	1519	1528	rVB	409248	718734	2.43%	0.182%
8	12.090	1547	1556	1562	rBV	329219	575838	1.95%	0.146%
9	12.690	1652	1658	1666	rVB	10397597	16519768	55.82%	4.190%
10	13.248	1748	1753	1761	rBV2	183524	408995	1.38%	0.104%
11	13.401	1774	1779	1785	rVV	369389	585029	1.98%	0.148%
12	13.460	1785	1789	1795	rVB	228072	352095	1.19%	0.089%
13	13.807	1842	1848	1859	rBV	767629	1418194	4.79%	0.360%
14	14.090	1890	1896	1903	rVV	4671723	7266346	24.55%	1.843%
15	14.160	1903	1908	1917	rVB	1267527	2013530	6.80%	0.511%
16	14.313	1928	1934	1939	rBV4	126083	314871	1.06%	0.080%
17	14.407	1944	1950	1958	rVV3	188197	400462	1.35%	0.102%
18	14.507	1961	1967	1973	rVV2	694217	1277836	4.32%	0.324%
19	14.590	1976	1981	1987	rVB	294208	457369	1.55%	0.116%
20	14.742	1999	2007	2011	rBV3	307111	571067	1.93%	0.145%
21	14.789	2011	2015	2019	rVB	260669	350152	1.18%	0.089%
22	14.913	2028	2036	2039	rBV	210966	431719	1.46%	0.110%
23	15.166	2073	2079	2085	rBV	1709521	2657568	8.98%	0.674%
24	15.342	2105	2109	2113	rVB2	255631	341278	1.15%	0.087%
25	15.489	2127	2134	2144	rVB3	1258347	2610462	8.82%	0.662%
26	15.619	2149	2156	2166	rVV2	9273621	14454584	48.84%	3.666%
27	15.719	2168	2173	2180	rVB2	205525	359743	1.22%	0.091%
28	15.866	2193	2198	2201	rBV2	215121	337963	1.14%	0.086%
29	15.925	2206	2208	2215	rVB	251854	316191	1.07%	0.080%
30	16.201	2247	2255	2260	rBV2	689847	1403288	4.74%	0.356%
31	16.254	2260	2264	2270	rVB2	438186	623824	2.11%	0.158%
32	16.354	2277	2281	2289	rVB4	398311	762615	2.58%	0.193%
33	16.454	2294	2298	2300	rBV	452852	519246	1.75%	0.132%
34	16.489	2300	2304	2307	rVB2	498277	564046	1.91%	0.143%
35	16.560	2312	2316	2325	rVB5	313091	702233	2.37%	0.178%
36	16.654	2327	2332	2339	rBV2	615507	1210189	4.09%	0.307%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.725	2339	2344	2349	rVV2	828793	1403880	4.74%	0.356%
38	16.784	2351	2354	2358	rVB3	238414	306961	1.04%	0.078%
39	16.913	2370	2376	2379	rBV2	5999289	8399742	28.38%	2.131%
40	16.954	2379	2383	2389	rVB	13682603	18487411	62.47%	4.689%
41	17.060	2394	2401	2408	rVB	3234913	6095428	20.60%	1.546%
42	17.125	2408	2412	2419	rBV4	541814	1114570	3.77%	0.283%
43	17.331	2443	2447	2453	rVB	1206671	1776739	6.00%	0.451%
44	17.389	2453	2457	2464	rBV2	224291	485569	1.64%	0.123%
45	17.666	2500	2504	2513	rVB	316276	543617	1.84%	0.138%
46	17.836	2528	2533	2537	rBV	2377646	3439567	11.62%	0.872%
47	17.889	2537	2542	2544	rBV	3372443	4975610	16.81%	1.262%
48	17.966	2550	2555	2559	rVB	1681584	2362345	7.98%	0.599%
49	18.025	2559	2565	2569	rVV2	4522234	7726260	26.11%	1.960%
50	18.060	2569	2571	2576	rVB	1796235	2288680	7.73%	0.581%
51	18.360	2618	2622	2634	rVB2	1651946	3285819	11.10%	0.833%
52	18.619	2662	2666	2670	rVB	611434	824937	2.79%	0.209%
53	18.672	2671	2675	2678	rVV	763196	965631	3.26%	0.245%
54	18.713	2678	2682	2686	rVB2	646693	889289	3.00%	0.226%
55	18.795	2691	2696	2702	rBV	1931703	3177703	10.74%	0.806%
56	18.860	2702	2707	2711	rBV2	921200	1737259	5.87%	0.441%
57	18.942	2717	2721	2729	rVB2	975080	2112803	7.14%	0.536%
58	19.072	2737	2743	2749	rBV	20729993	29594959	100.00%	7.507%
59	19.148	2754	2756	2759	rBV	407714	485116	1.64%	0.123%
60	19.230	2767	2770	2775	rBV2	376942	686587	2.32%	0.174%
61	19.319	2783	2785	2793	rVB2	503123	703112	2.38%	0.178%
62	19.448	2797	2807	2811	rBV2	17024940	29449775	99.51%	7.470%
63	19.530	2818	2821	2829	rVB2	1042909	2168073	7.33%	0.550%
64	19.636	2835	2839	2842	rBV	1429569	1923639	6.50%	0.488%
65	19.683	2842	2847	2858	rVB	17468797	24610869	83.16%	6.242%
66	19.801	2859	2867	2872	rBV3	1767755	4824805	16.30%	1.224%
67	19.942	2887	2891	2893	rBV2	1202695	1972628	6.67%	0.500%
68	19.977	2893	2897	2901	rVB	5425566	7474349	25.26%	1.896%
69	20.077	2909	2914	2918	rVB	4410057	5947162	20.10%	1.508%
70	20.136	2919	2924	2929	rBV2	3208052	4759474	16.08%	1.207%
71	20.236	2938	2941	2944	rBV2	600657	946185	3.20%	0.240%
72	20.289	2947	2950	2953	rVV	1503128	1783252	6.03%	0.452%
73	20.330	2953	2957	2962	rVV2	1387184	2210710	7.47%	0.561%
74	20.601	3000	3003	3006	rBV3	769936	983000	3.32%	0.249%
75	20.948	3058	3062	3065	rVV	1093275	1651259	5.58%	0.419%
76	20.989	3065	3069	3072	rVV	1689292	2289904	7.74%	0.581%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
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Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.030	3072	3076	3080	rVV2	1331053	2420022	8.18%	0.614%
78	21.083	3082	3085	3098	rVB	2175246	4224290	14.27%	1.071%
79	21.342	3124	3129	3136	rBV3	12887394	28647601	96.80%	7.266%
80	21.401	3136	3139	3149	rVB	9315670	13815953	46.68%	3.504%
81	21.542	3161	3163	3168	rVB	845798	903786	3.05%	0.229%
82	21.760	3196	3200	3207	rVB3	1304943	2305174	7.79%	0.585%
83	22.089	3252	3256	3261	rVB	2258135	3394740	11.47%	0.861%
84	23.524	3492	3500	3506	rBV	4794529	15719171	53.11%	3.987%
85	24.213	3611	3617	3626	rVB	2967792	7913410	26.74%	2.007%
86	24.365	3636	3643	3651	rVB	4701518	11607926	39.22%	2.944%
87	24.518	3663	3669	3675	rVB	3426565	7993726	27.01%	2.028%

Sum of corrected areas: 394251538

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
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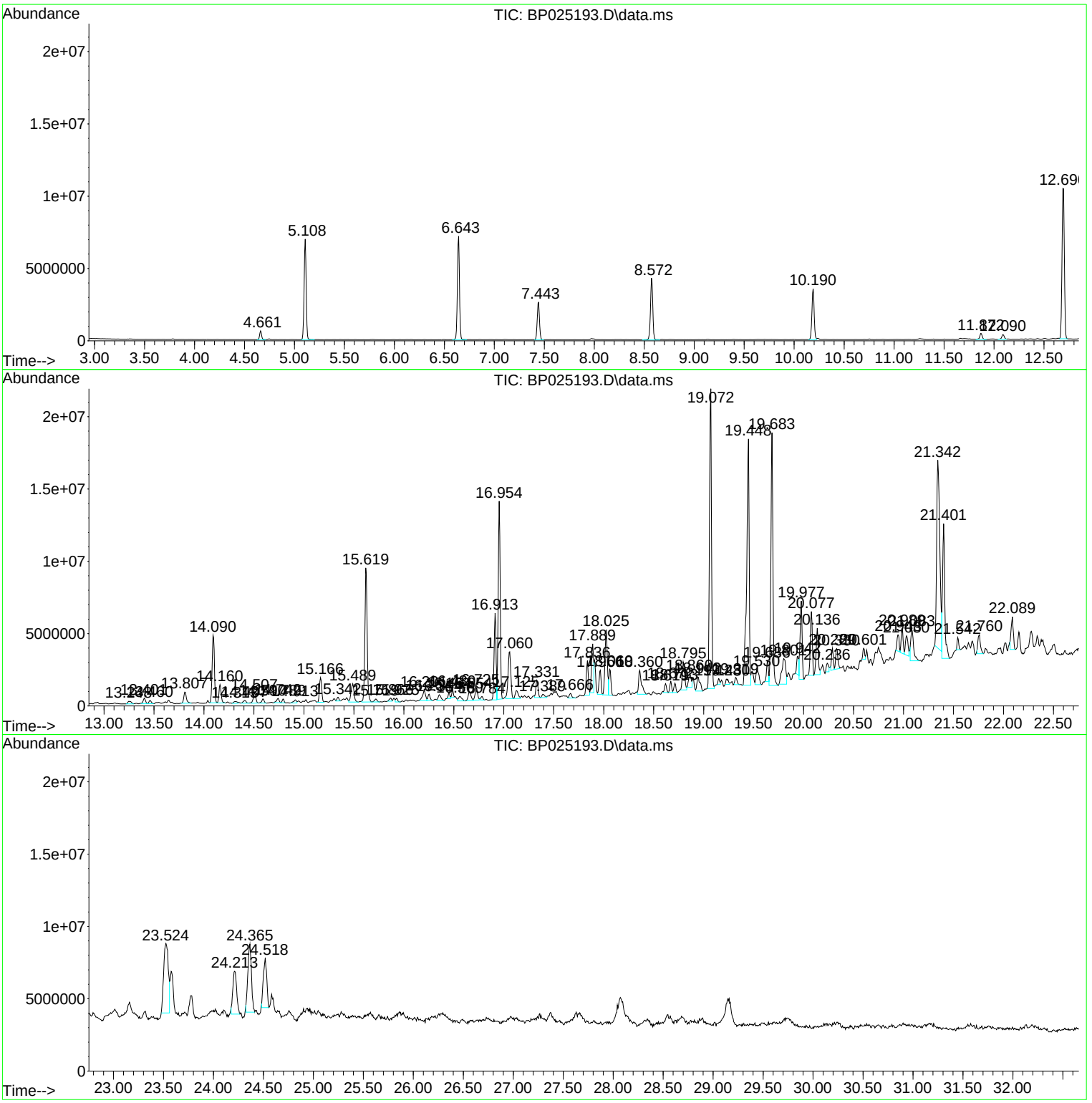
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

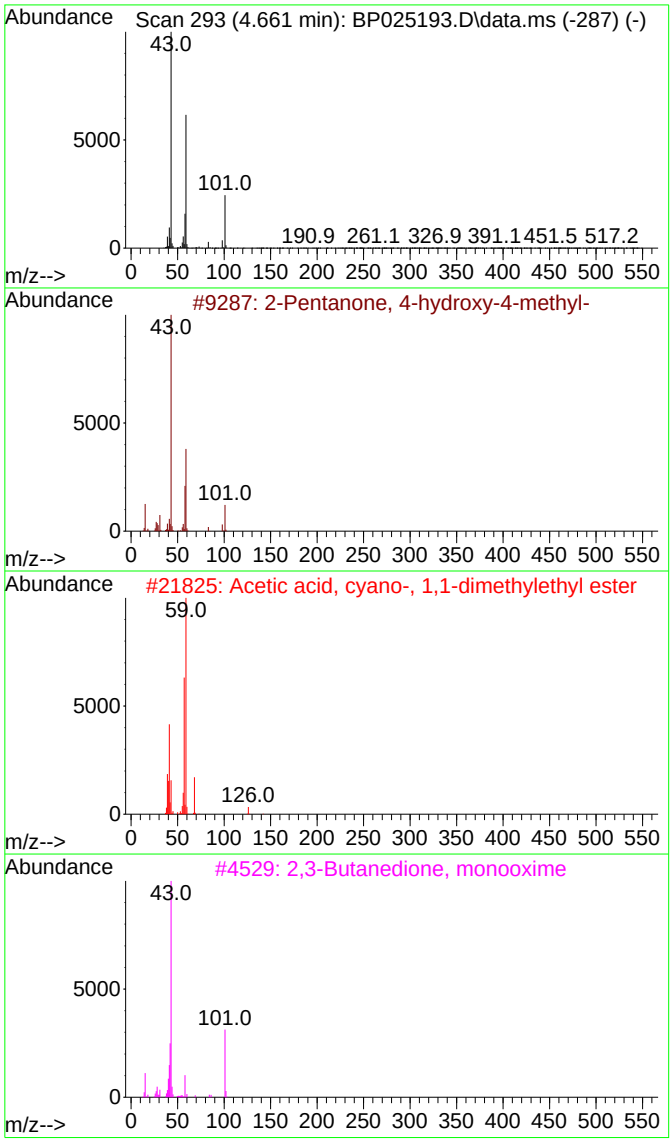
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

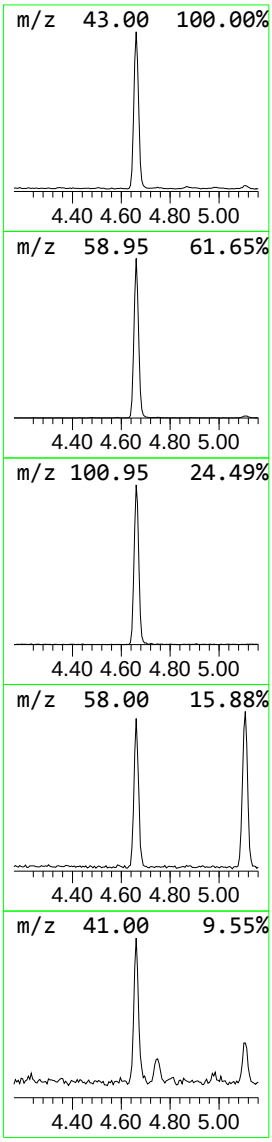
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.661	4.22 ng	850354	1,4-Dichlorobenzene-d4	7.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

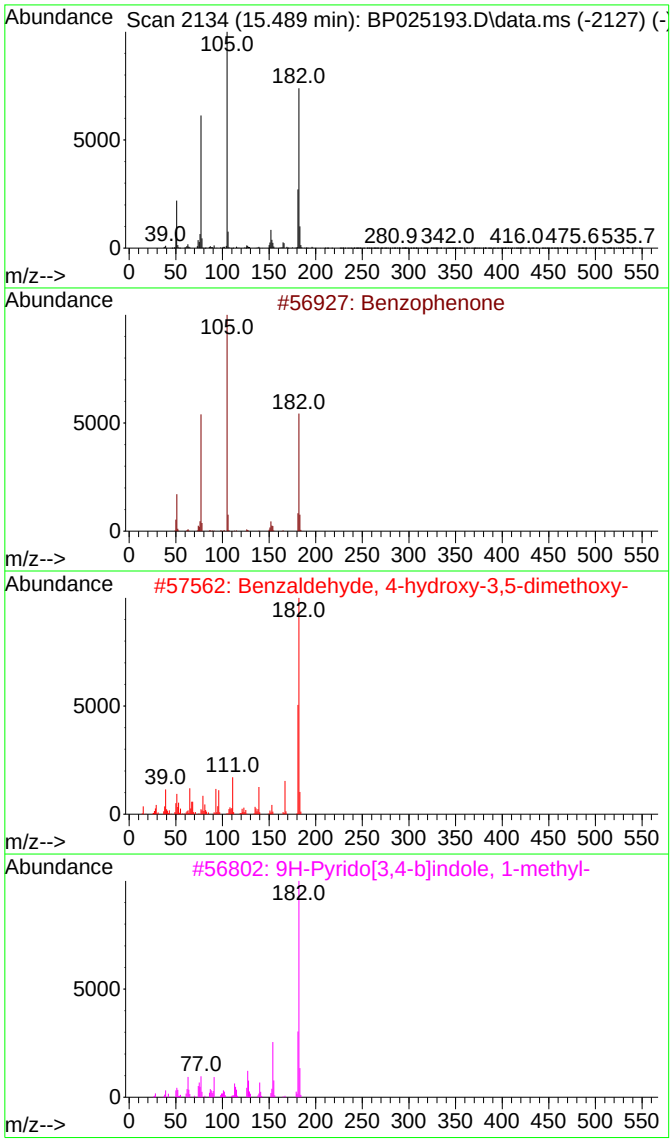
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

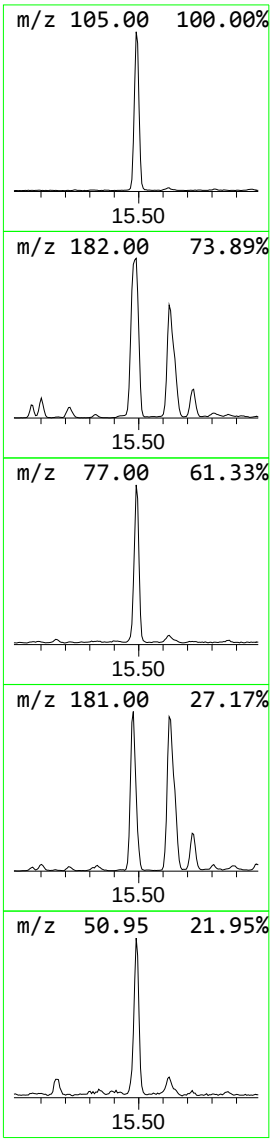
****

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.490	7.19 ng	2610460	Acenaphthene-d10	14.089

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47
3	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	47
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
5	1,2,4-Triazolo[4,3-b]pyridazine,...	182	C7H7ClN4	028593-26-2	43





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Data File : BP025193.D
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Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

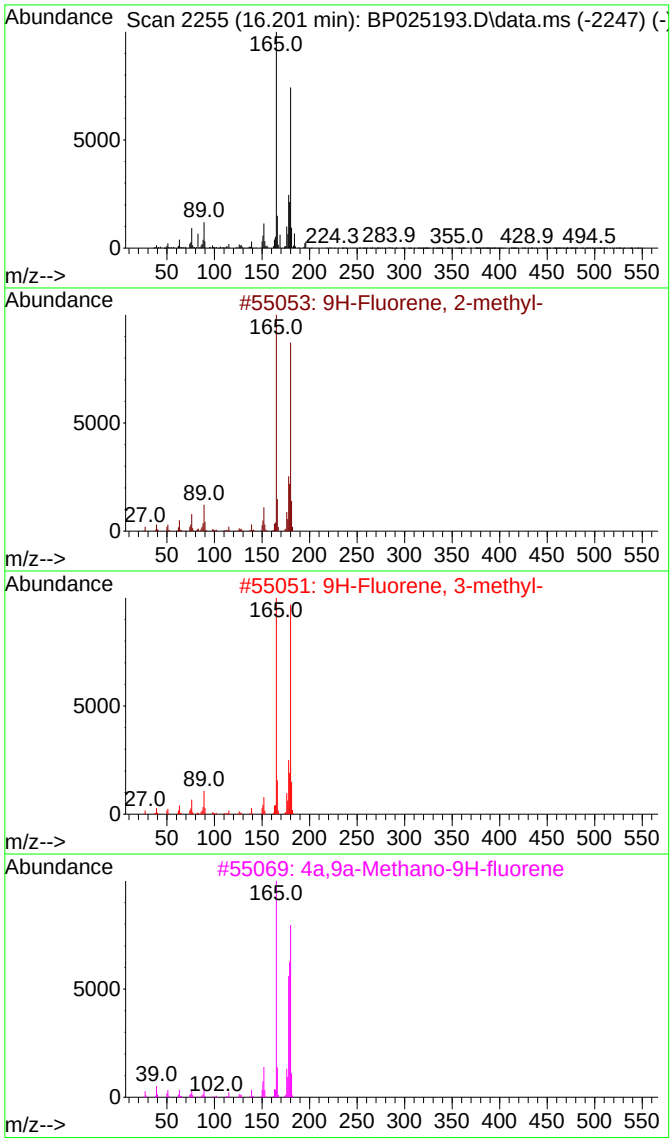
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

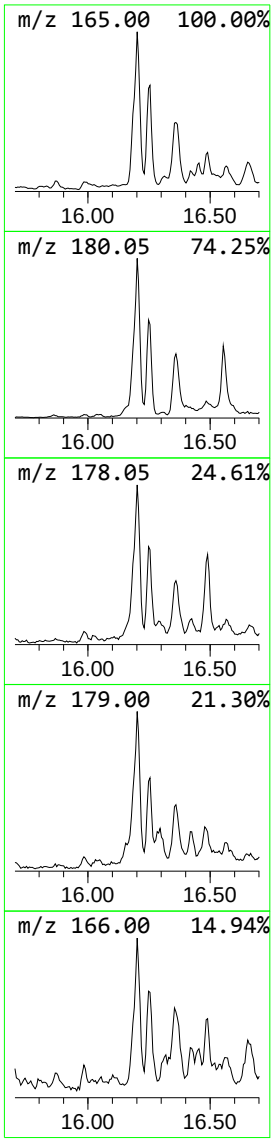
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.201	3.34 ng	1403290	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83





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Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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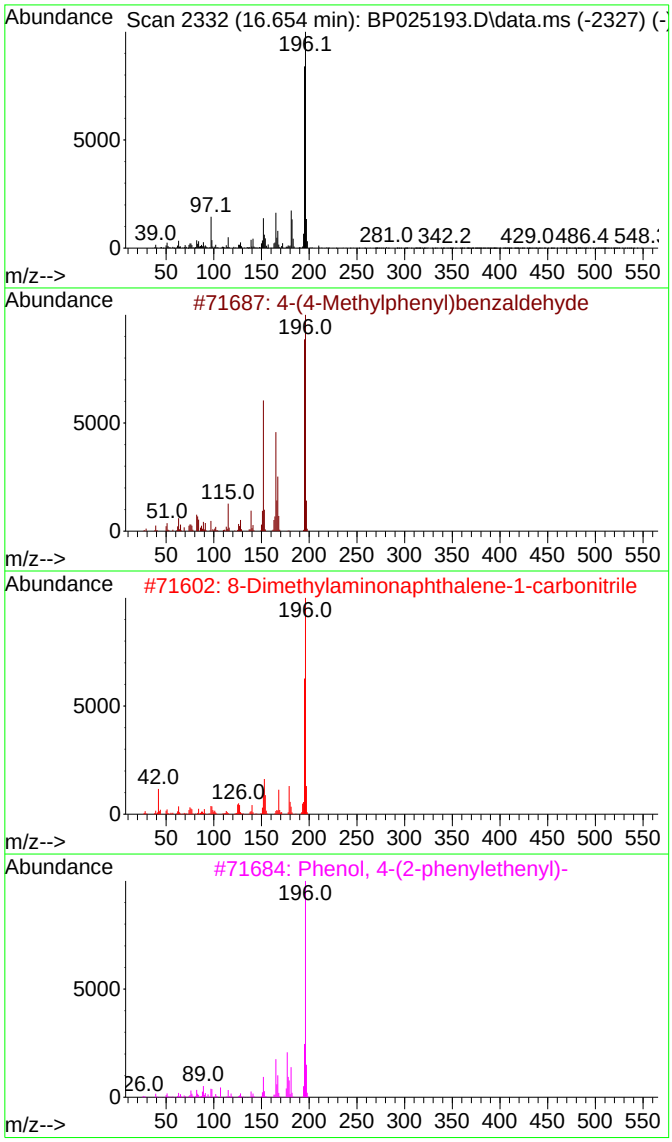
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

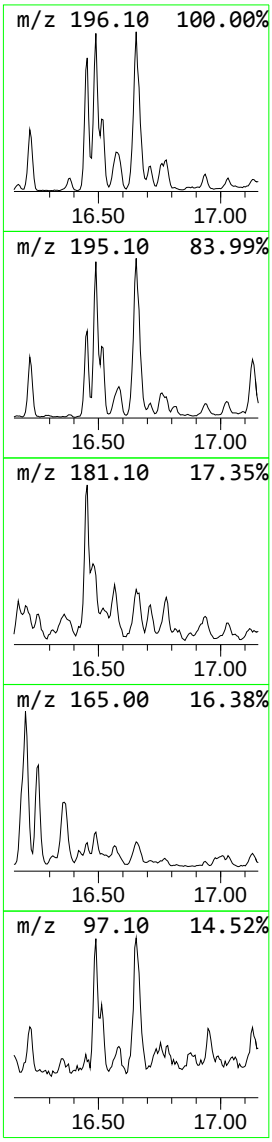
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-(4-Methylphenyl)benzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.654	2.88 ng	1210190	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

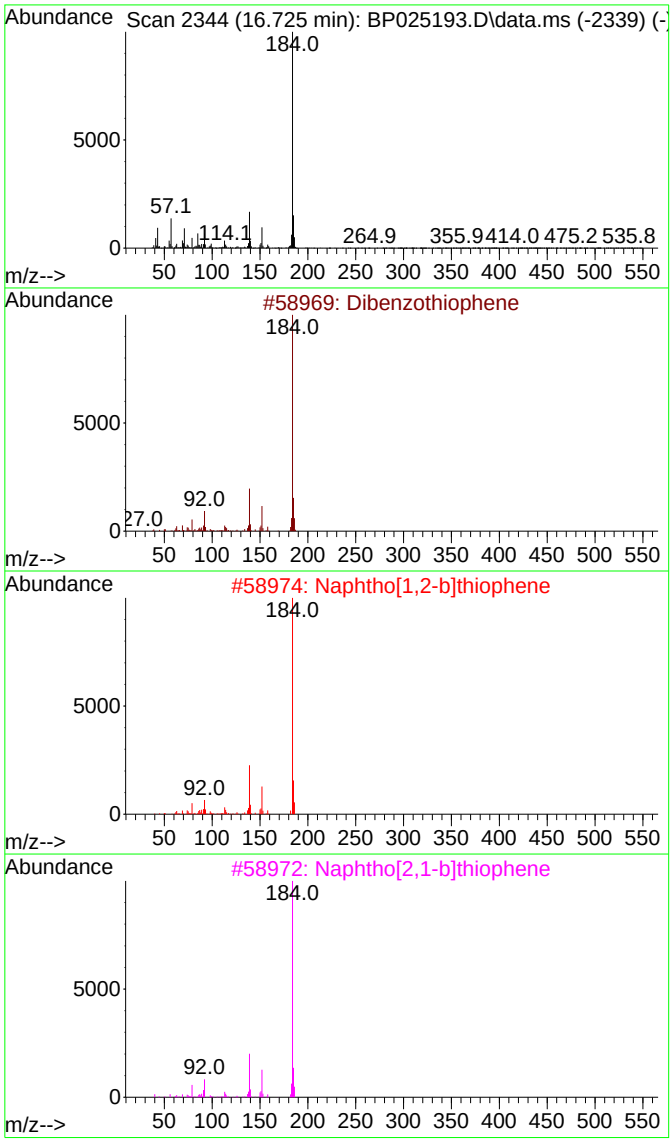
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

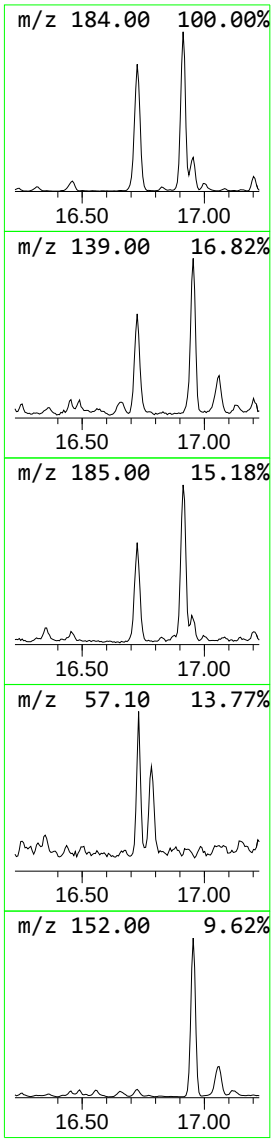
****

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.725	3.34 ng	1403880	Phenanthrene-d10	16.913

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	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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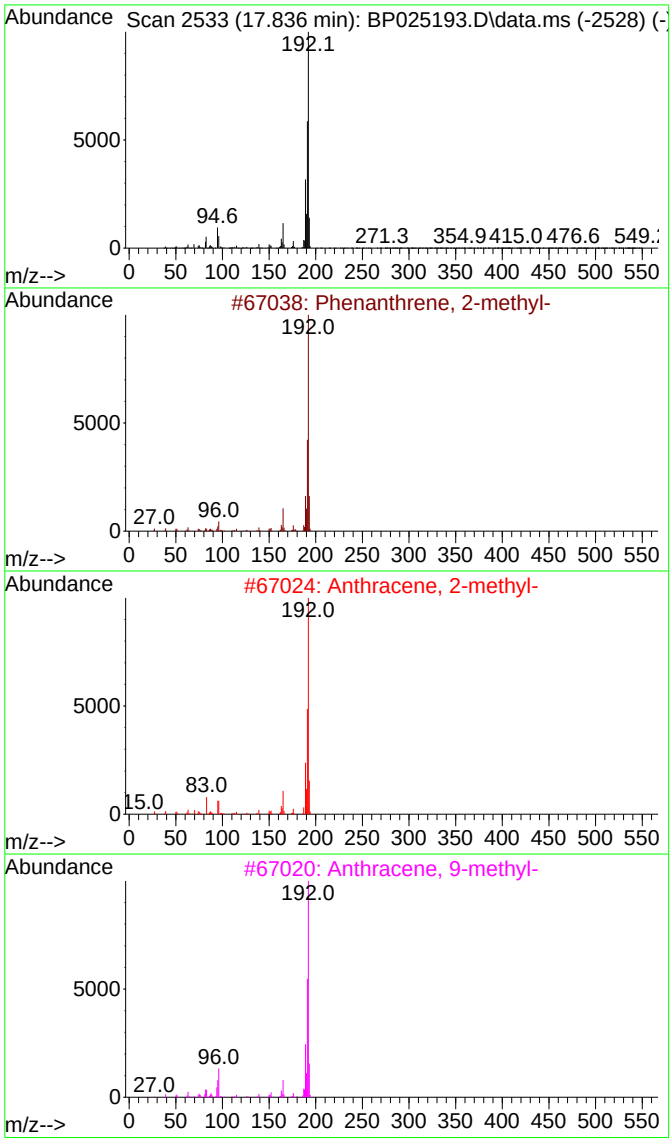
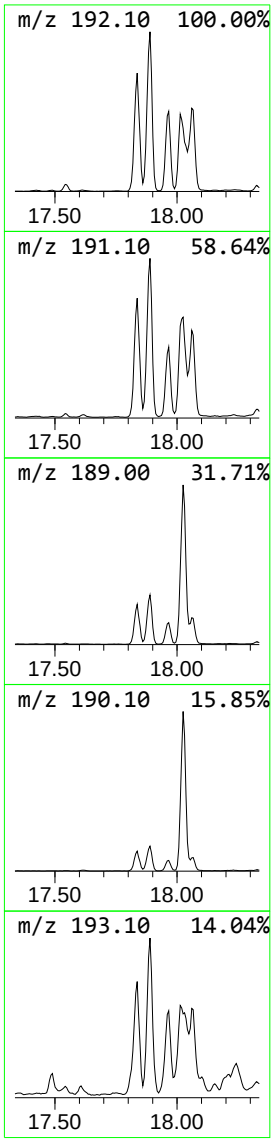
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.836	8.19 ng	3439570	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

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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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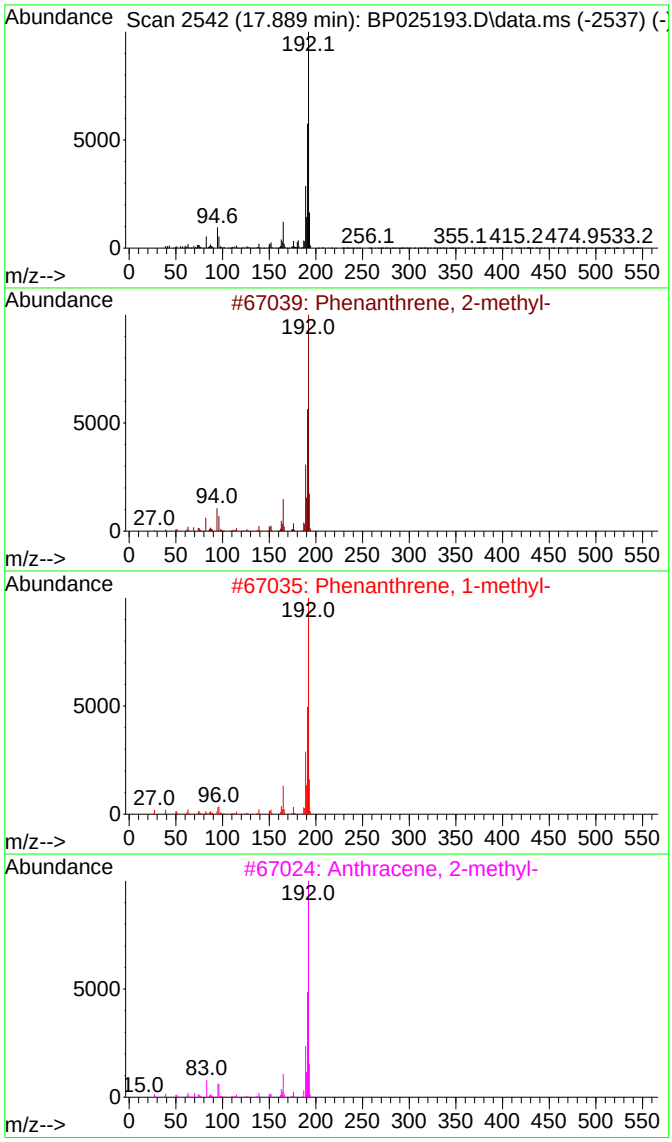
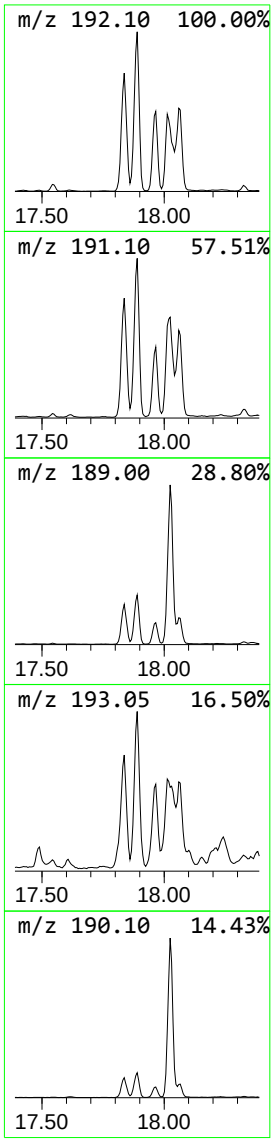
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.889	11.85 ng	4975610	Phenanthrene-d10	16.913

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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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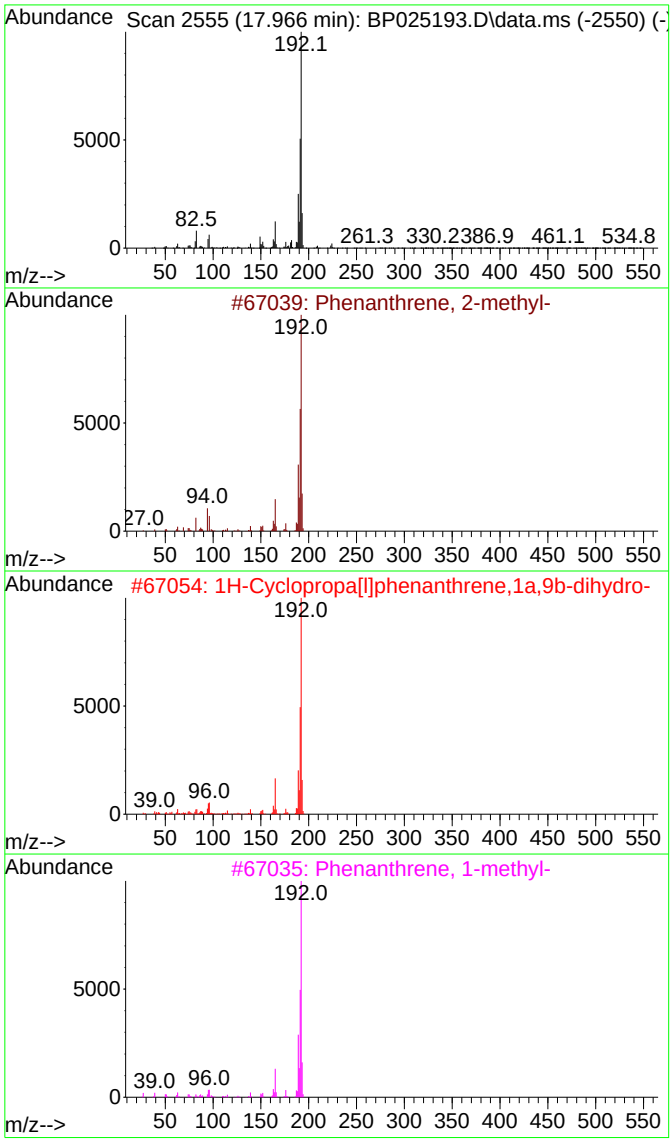
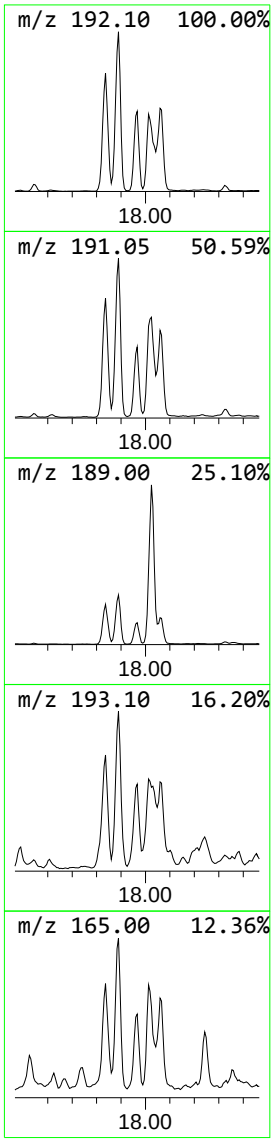
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.966	5.62 ng	2362350	Phenanthrene-d10	16.913

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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ClientSampleId :
TR-05-07162025

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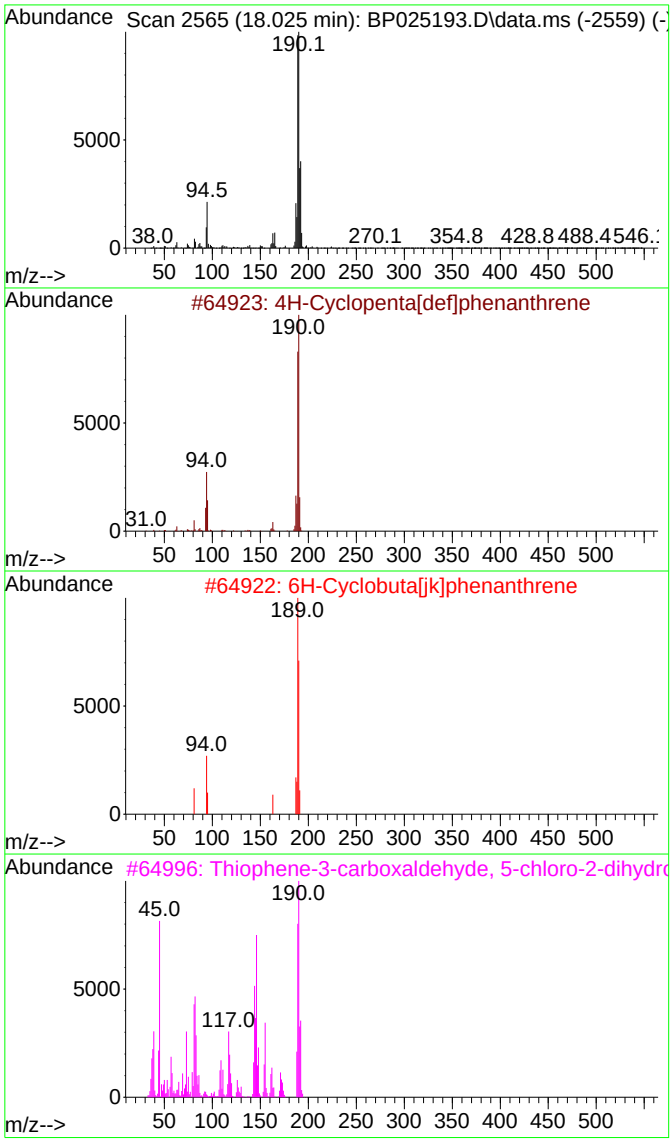
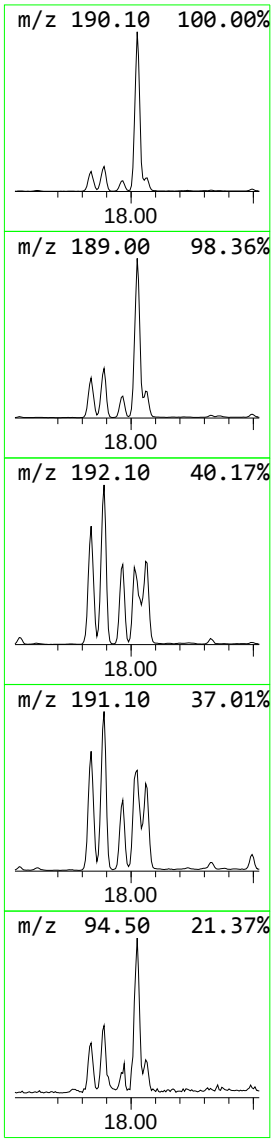
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.025	18.40 ng	7726260	Phenanthrene-d10	16.913

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	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
TR-05-07162025

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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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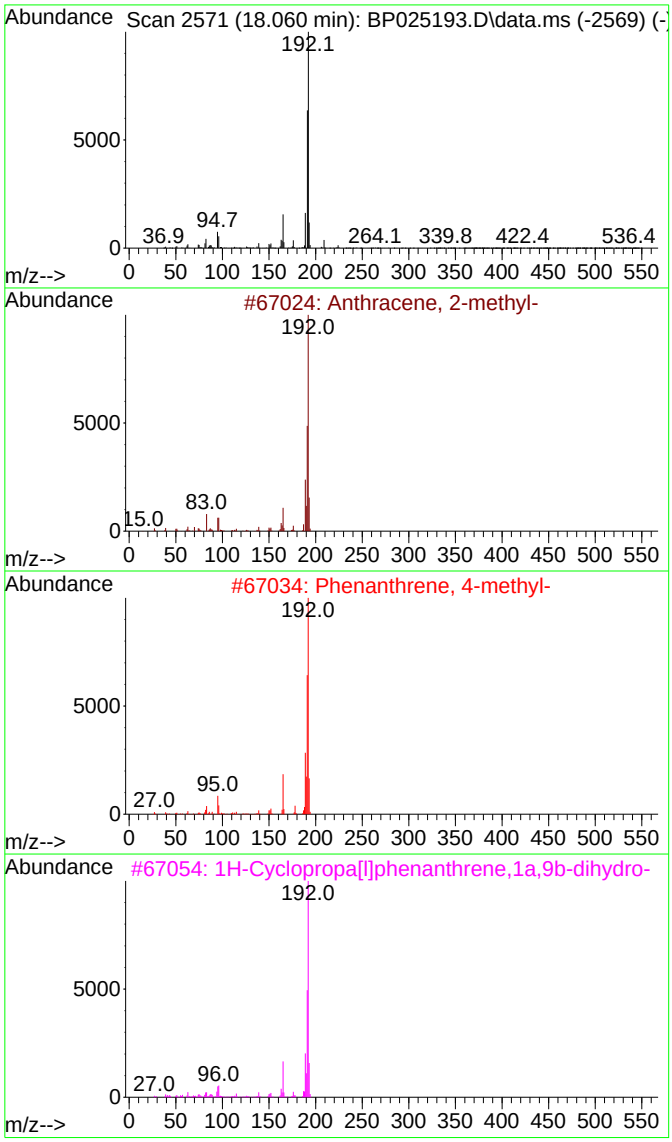
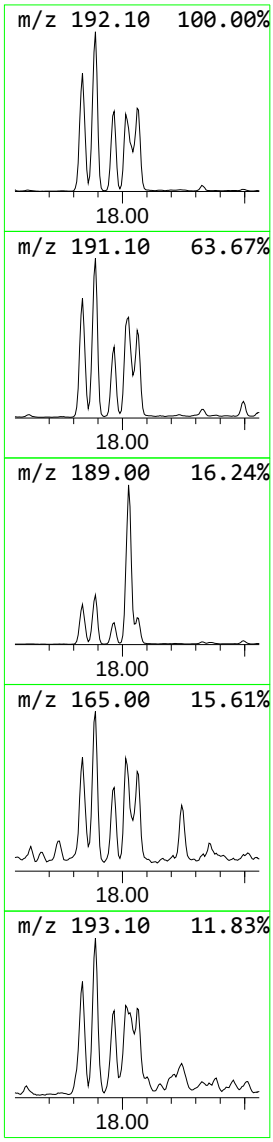
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	5.45 ng	2288680	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Sample : Q2621-01
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ALS Vial : 8 Sample Multiplier: 1

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TR-05-07162025

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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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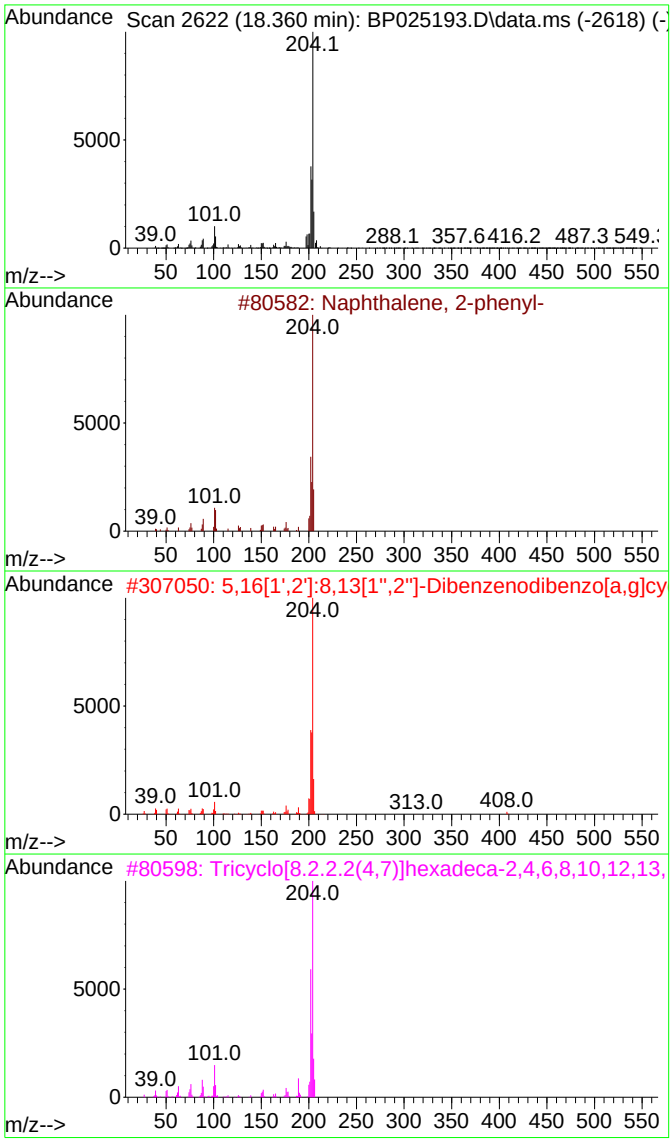
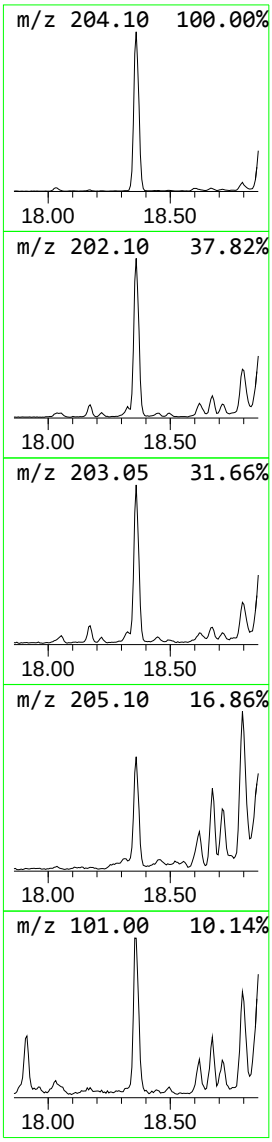
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	7.82 ng	3285820	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
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	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50





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ALS Vial : 8 Sample Multiplier: 1

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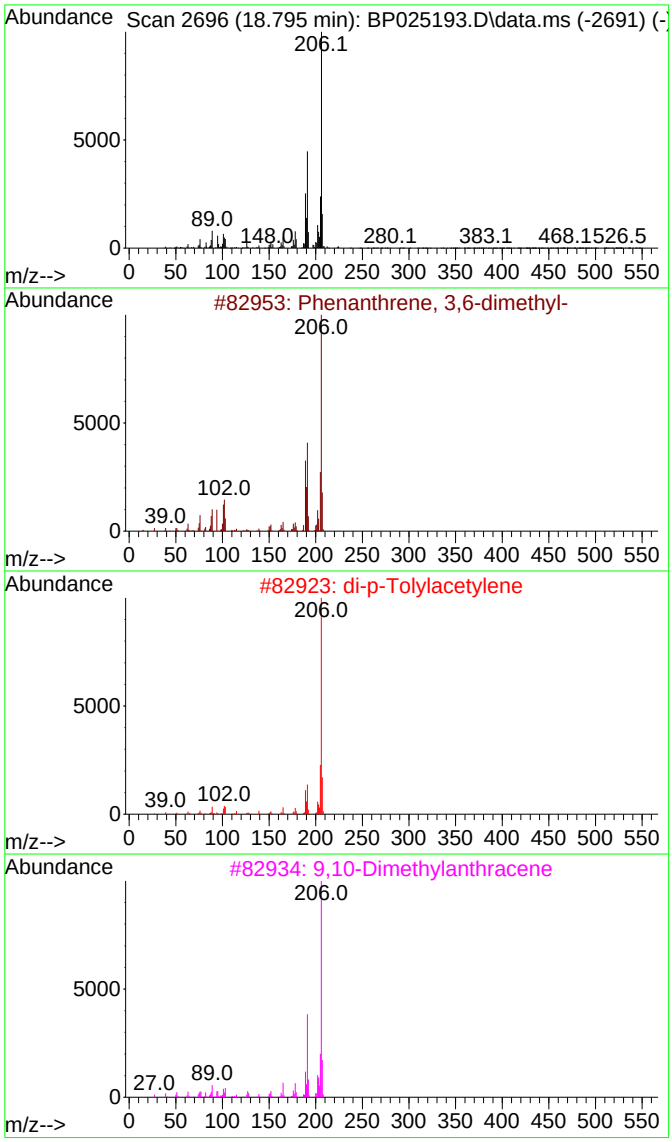
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

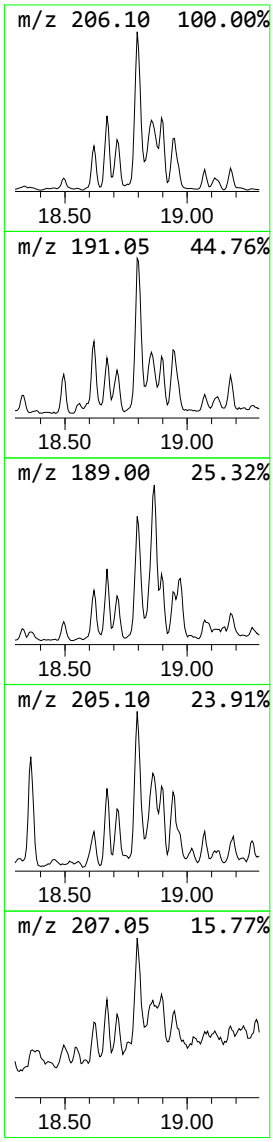
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.795	7.57 ng	3177700	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Sample : Q2621-01
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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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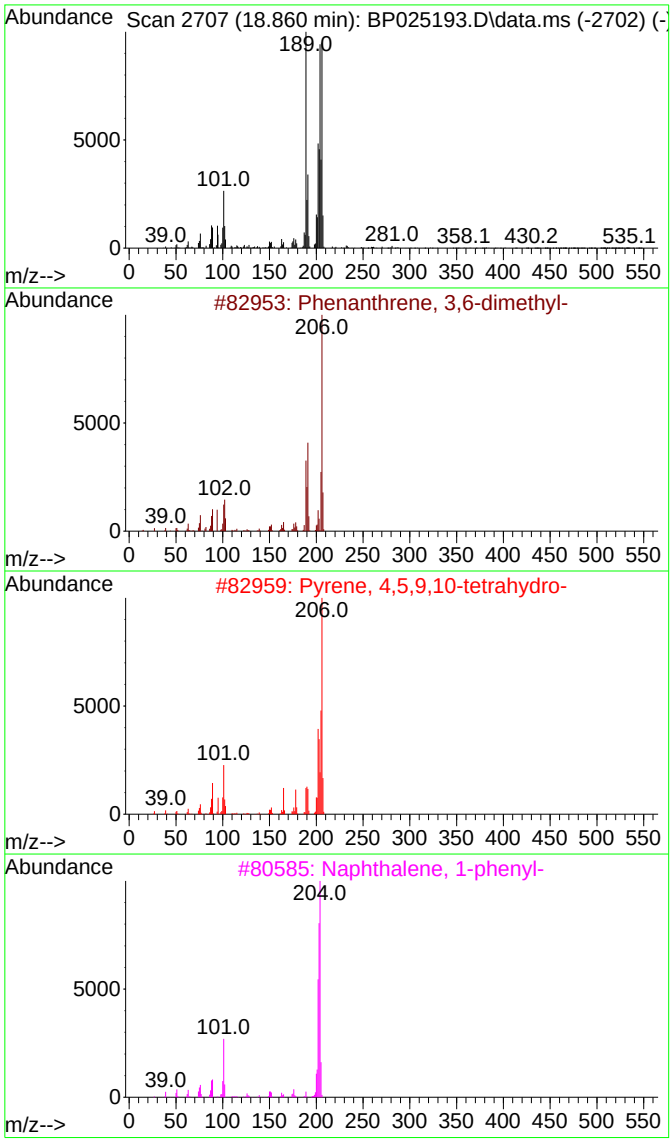
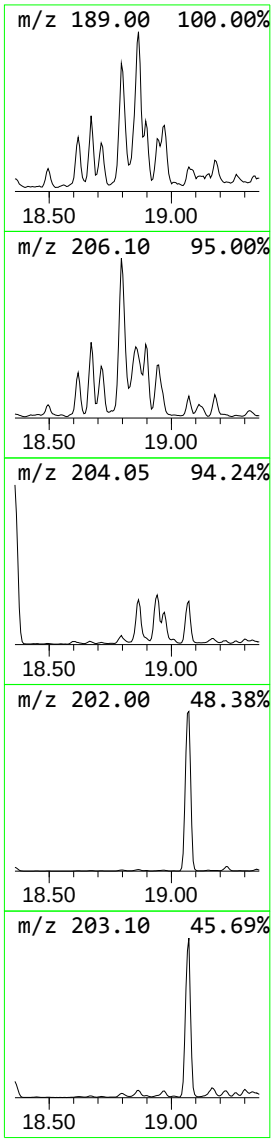
Peak Number 13 unknown18.860 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.860	4.14 ng	1737260	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35





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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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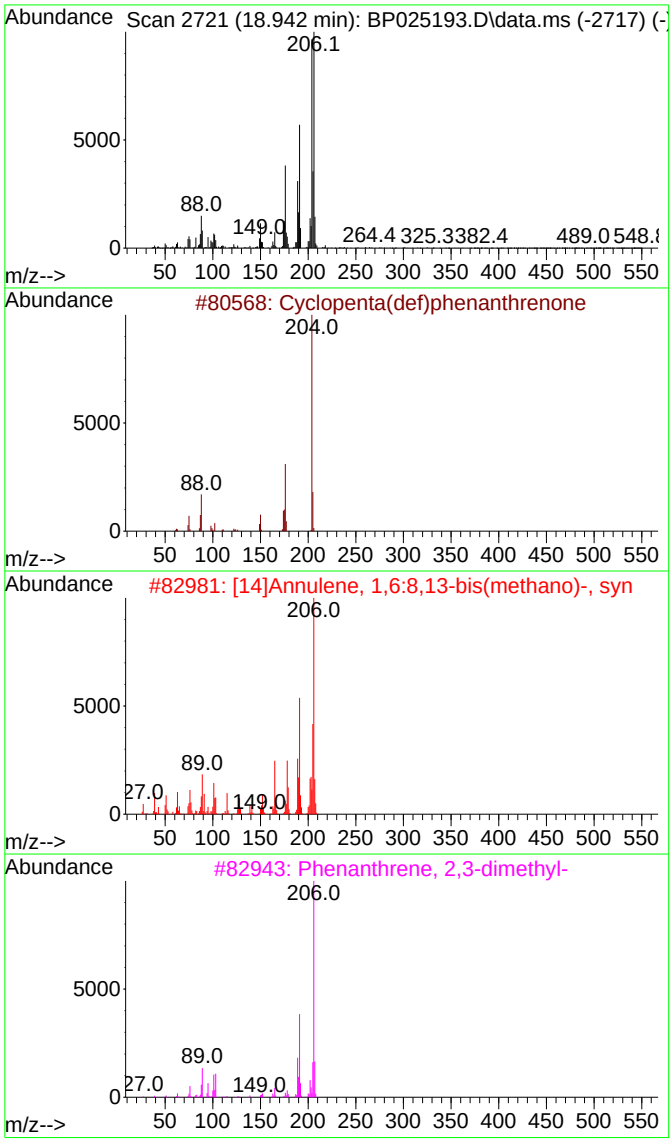
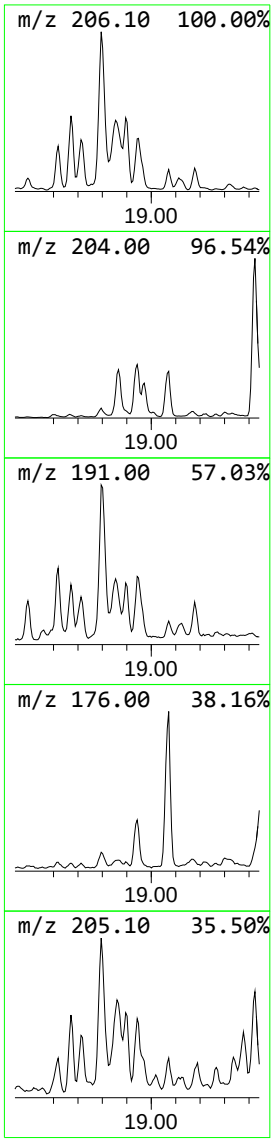
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.942	5.03 ng	2112800	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55





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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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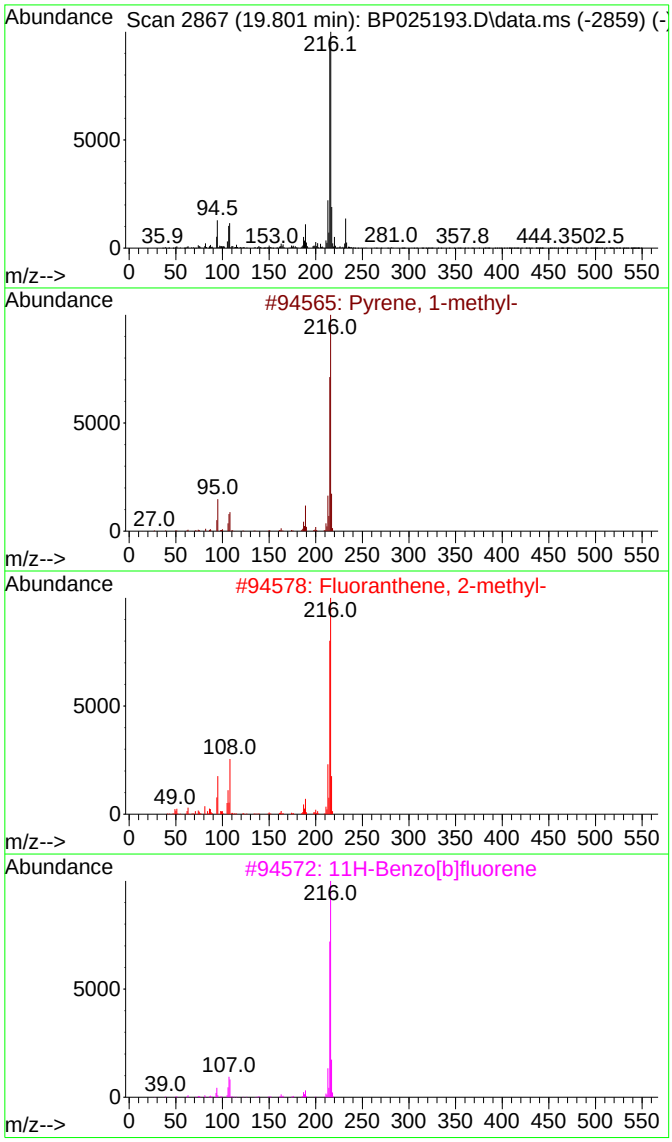
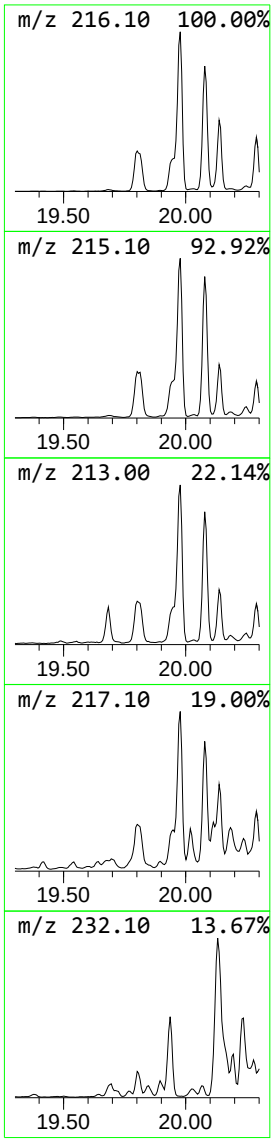
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.801	3.37 ng	4824810	Chrysene-d12	21.360

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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

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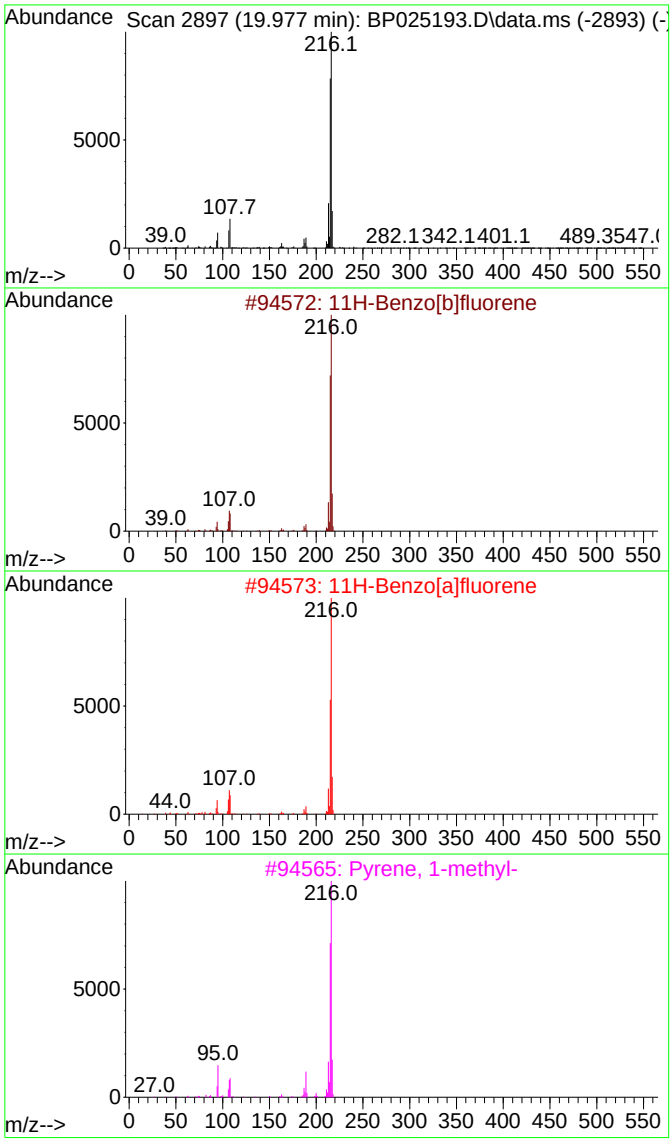
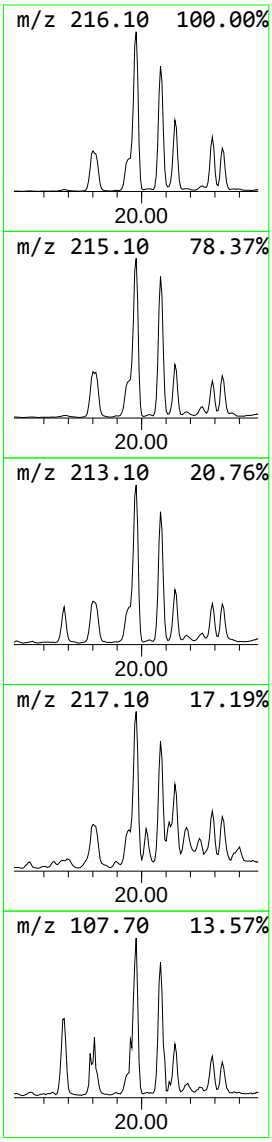
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.977	5.22 ng	7474350	Chrysene-d12	21.360

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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ALS Vial : 8 Sample Multiplier: 1

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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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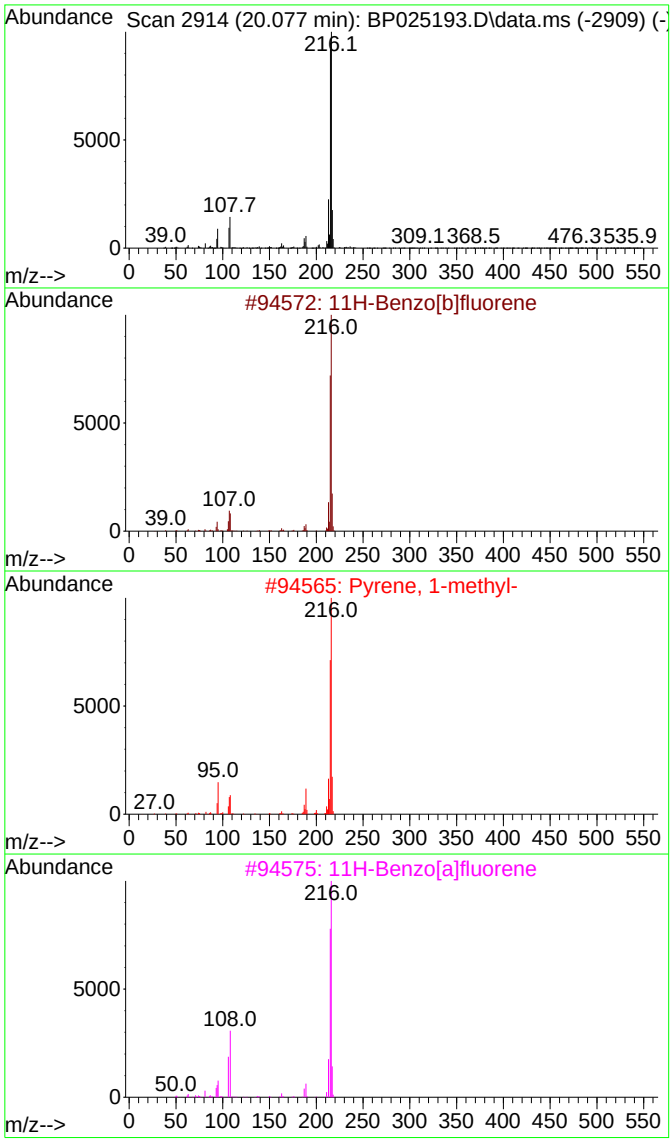
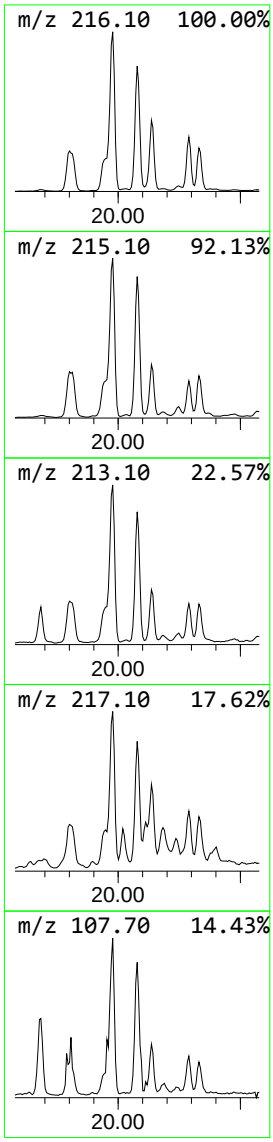
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.077	4.15 ng	5947160	Chrysene-d12	21.360

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

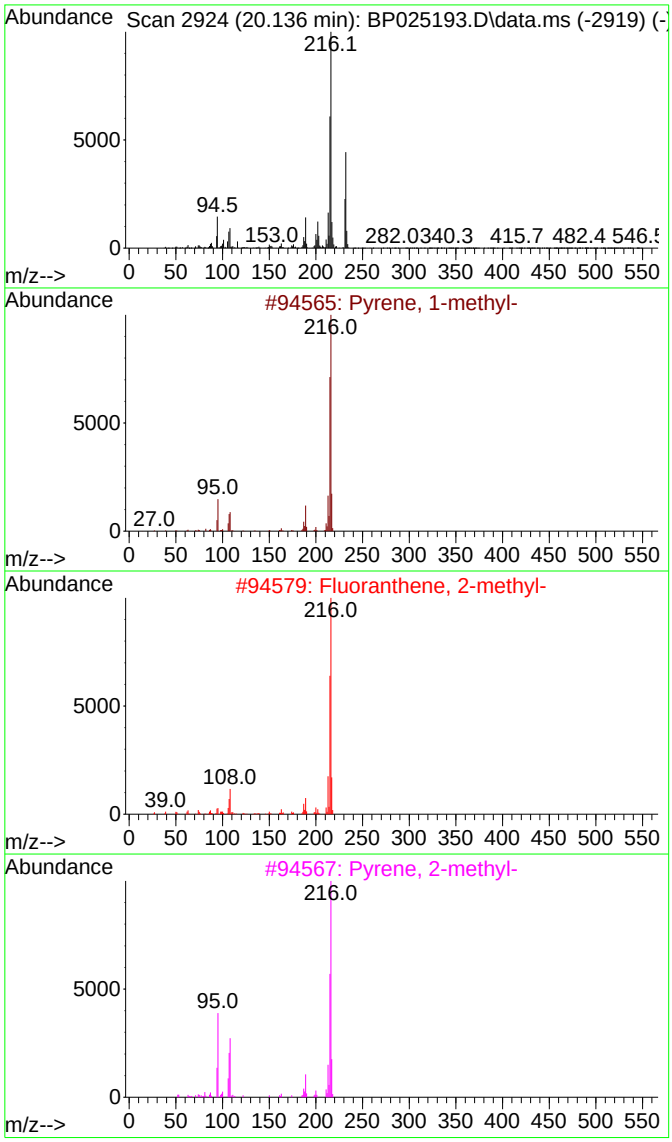
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

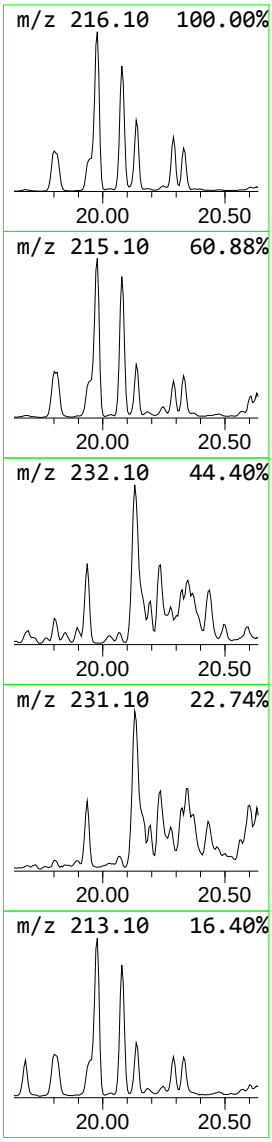
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.136	3.32 ng	4759470	Chrysene-d12	21.360

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

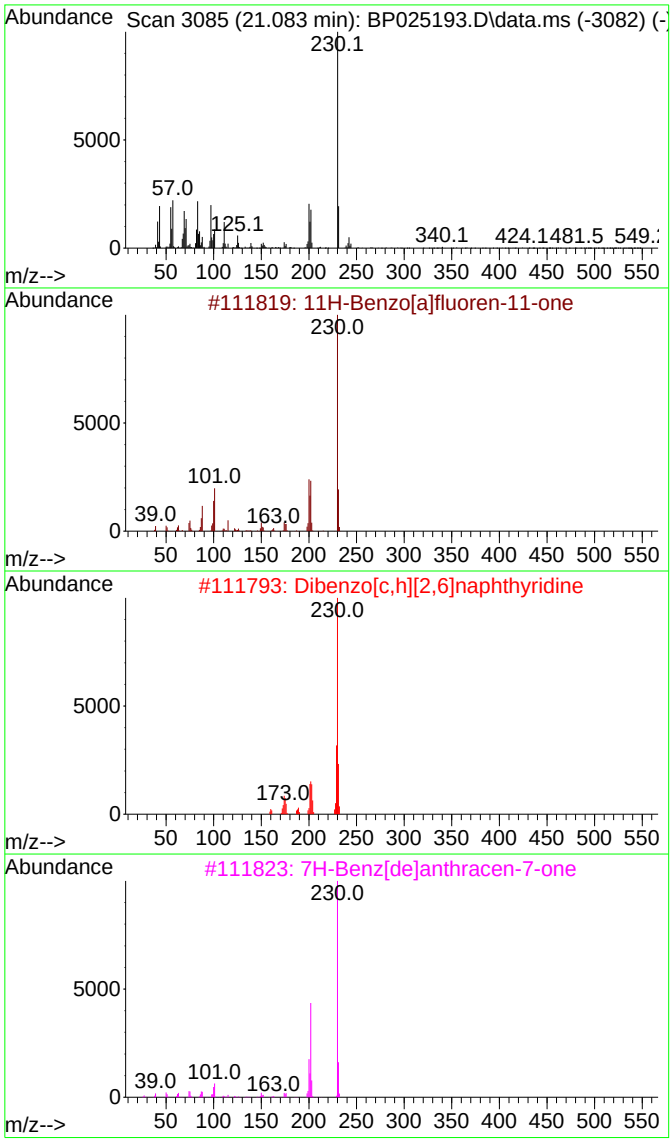
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

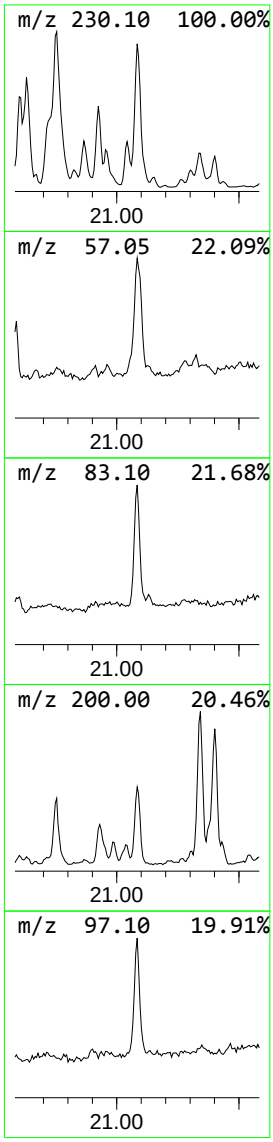
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.083	2.95 ng	4224290	Chrysene-d12	21.360

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	72
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	50
5	2-Carbaldehyde-4-hydroxyquinolin...	287	C16H21NO2Si	1000463-11-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

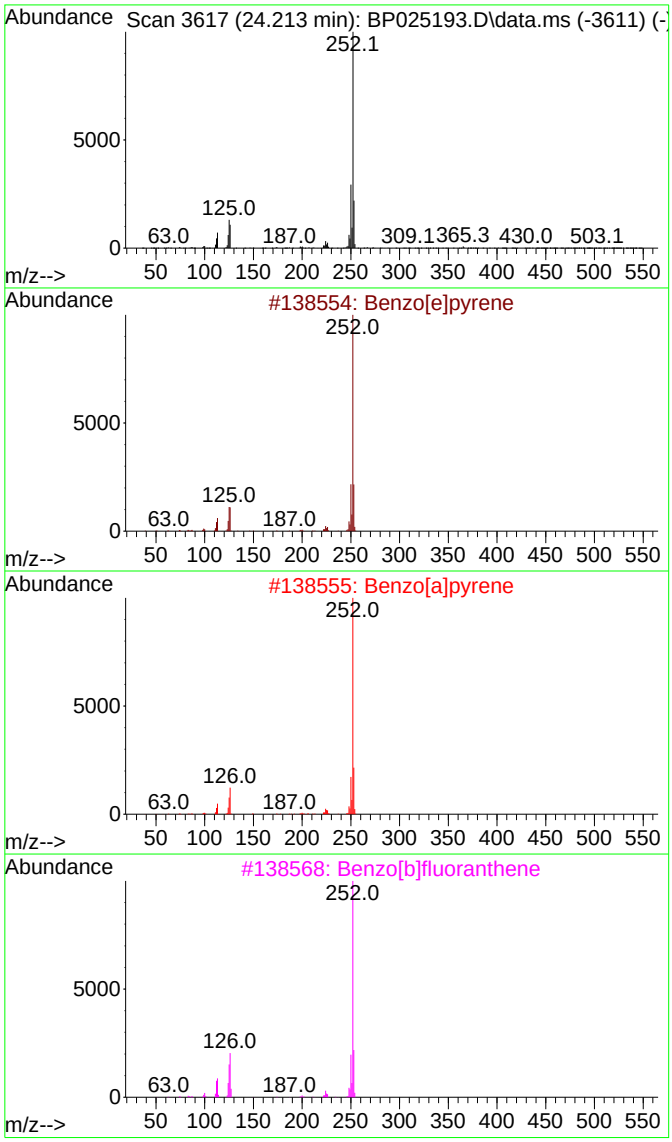
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

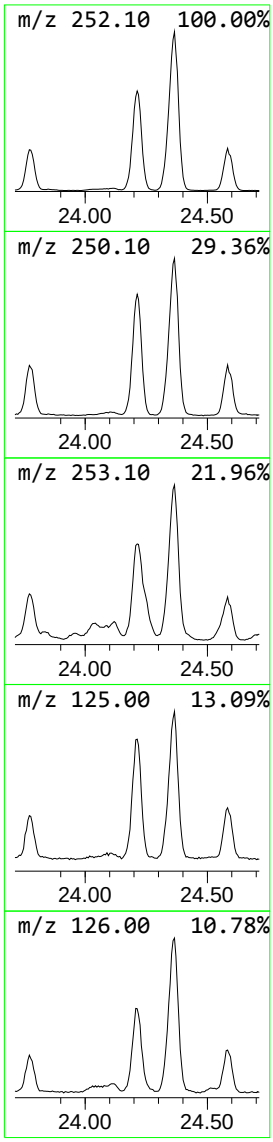
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.212	19.80 ng	7913410	Perylene-d12	24.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025193.D
Acq On : 18 Jul 2025 15:14
Operator : CG/JU
Sample : Q2621-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-07162025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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-...	4.661	4.2	ng	850354	1	7.443	4026730	20.0
Benzophenone	15.490	7.2	ng	2610460	3	14.089	7266350	20.0
9H-Fluorene, 2-...	16.201	3.3	ng	1403290	4	16.913	8399740	20.0
4-(4-Methylphen...	16.654	2.9	ng	1210190	4	16.913	8399740	20.0
Dibenzothiophene	16.725	3.3	ng	1403880	4	16.913	8399740	20.0
Phenanthrene, 2...	17.836	8.2	ng	3439570	4	16.913	8399740	20.0
Phenanthrene, 1...	17.889	11.9	ng	4975610	4	16.913	8399740	20.0
1H-Cyclopropa[l...	17.966	5.6	ng	2362350	4	16.913	8399740	20.0
4H-Cyclopenta[d...	18.025	18.4	ng	7726260	4	16.913	8399740	20.0
Anthracene, 2-m...	18.060	5.5	ng	2288680	4	16.913	8399740	20.0
Naphthalene, 2-...	18.360	7.8	ng	3285820	4	16.913	8399740	20.0
Phenanthrene, 3...	18.795	7.6	ng	3177700	4	16.913	8399740	20.0
unknown18.860	18.860	4.1	ng	1737260	4	16.913	8399740	20.0
Cyclopenta(def)...	18.942	5.0	ng	2112800	4	16.913	8399740	20.0
Pyrene, 1-methyl-	19.801	3.4	ng	4824810	5	21.360	28647600	20.0
11H-Benzo[b]flu...	19.977	5.2	ng	7474350	5	21.360	28647600	20.0
11H-Benzo[a]flu...	20.077	4.2	ng	5947160	5	21.360	28647600	20.0
Fluoranthene, 2...	20.136	3.3	ng	4759470	5	21.360	28647600	20.0
11H-Benzo[a]flu...	21.083	3.0	ng	4224290	5	21.360	28647600	20.0
Benzo[e]pyrene	24.212	19.8	ng	7913410	6	24.518	7993730	20.0