LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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: BP024936.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	306	312	321	rBV	315874	458282	1.84%	0.177%
2	5.237	385	391	409	rBV	3254723	5153342	20.73%	1.994%
3	6.819	654	660	681	rVB	3125649	5476723	22.03%	2.120%
4	7.607	784	794	803	rBV	996023	1634958	6.58%	0.633%
5	8.760	983	990	1005	rBV	2070787	3610942	14.53%	1.398%
6	10.384	1255	1266	1271	rBV	1291926	2298955	9.25%	0.890%
7	12.860	1678	1687	1705	rBV	5304770	7868418	31.66%	3.045%
8	13.978	1870	1877	1888	rBV	643121	1094148	4.40%	0.423%
9	14.254	1917	1924	1930	rBV	2028770	2961801	11.92%	1.146%
10	14.319	1930	1935	1944	rVB	291666	452830	1.82%	0.175%
11	15.319	2100	2105	2117	rVB	329242	538339	2.17%	0.208%
12	15.636	2152	2159	2167	rVB2	987038	1439651	5.79%	0.557%
13	15.777	2173	2183	2190	rBV	4678815	6807799	27.39%	2.635%
14	16.013	2216	2223	2230	rBV5	257238	573740	2.31%	0.222%
15	16.348	2273	2280	2285	rBV5	118249	311729	1.25%	0.121%
16	16.460	2295	2299	2303	rBV3	260676	371615	1.50%	0.144%
17	16.719	2337	2343	2349	rBV	1171758	1769493	7.12%	0.685%
18	16.783	2350	2354	2362	rVV5	139789	342744	1.38%	0.133%
19	16.866	2364	2368	2379	rVB	320952	549903	2.21%	0.213%
20	17.060	2395	2401	2404	rBV	2505827	3426657	13.79%	1.326%
21	17.101	2404	2408	2413	rVB	6547828	8405025	33.81%	3.253%
22	17.189	2418	2423	2429	rVV	1587093	2409503	9.69%	0.933%
23	17.266	2430	2436	2441	rVB2	253954	472500	1.90%	0.183%
24	17.454	2463	2468	2469	rBV	312055	413967	1.67%	0.160%
25	17.483	2470	2473	2484	rVV	651590	1143224	4.60%	0.442%
26	17.595	2488	2492	2498	rVV5	212409	402180	1.62%	0.156%
27	17.660	2499	2503	2511	rVB4	215496	441576	1.78%	0.171%
28	17.877	2535	2540	2546	rBV2	1055748	1833983	7.38%	0.710%
29	17.930	2547	2549	2550	rVV	472004	432252	1.74%	0.167%
30	17.960	2551	2554	2558	rVV	1098483	1492295	6.00%	0.578%
31	18.007	2558	2562	2571	rVV2	3465396	4902405	19.72%	1.897%
32	18.095	2573	2577	2582	rVB	490923	766099	3.08%	0.296%
33	18.160	2583	2588	2593	rBV2	1676241	2977192	11.98%	1.152%
34	18.201	2593	2595	2603	rVB	720753	927973	3.73%	0.359%
35	18.289	2606	2610	2615	rBV5	224773	484374	1.95%	0.187%
36	18.371	2620	2624	2631	rBV3	324347	594803	2.39%	0.230%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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	18.483	2639	2643	2648	rVB	794902	1023304	4.12%	0.396%
38	18.536	2648	2652	2658	rVB	1189163	1418829	5.71%	0.549%
39	18.736	2684	2686	2692	rVB2	258922	305678	1.23%	0.118%
40	18.795	2692	2696	2699	rVB	331337	409313	1.65%	0.158%
41	18.836	2699	2703	2706	rBV	267726	335910	1.35%	0.130%
42	18.918	2713	2717	2721	rBV	705074	1112028	4.47%	0.430%
43	18.965	2722	2725	2726	rBV2	243262	286925	1.15%	0.111%
44	19.071	2739	2743	2750	rVB2	776736	1288902	5.19%	0.499%
45	19.201	2758	2765	2773	rBV	16545830	24856037	100.00%	9.620%
46	19.265	2773	2776	2779	rVB	293610	316092	1.27%	0.122%
47	19.301	2779	2782	2785	rBV	425763	565298	2.27%	0.219%
48	19.336	2785	2788	2795	rVB2	1098642	2069685	8.33%	0.801%
49	19.577	2819	2829	2837	rBV	13612798	24644919	99.15%	9.538%
50	19.648	2838	2841	2848	rVB2	753117	1143966	4.60%	0.443%
51	19.789	2856	2865	2869	rBV	7892099	10707220	43.08%	4.144%
52	19.824	2869	2871	2877	rVB	816955	1168793	4.70%	0.452%
53	19.912	2881	2886	2893	rVV2	912123	2149781	8.65%	0.832%
54	20.060	2906	2911	2913	rBV3	871643	1622972	6.53%	0.628%
55	20.089	2913	2916	2921	rVB2	2353053	3181621	12.80%	1.231%
56	20.195	2930	2934	2938	rBV	1866774	2325699	9.36%	0.900%
57	20.254	2938	2944	2949	rBV2	1311171	2614081	10.52%	1.012%
58	20.401	2966	2969	2973	rBV	557249	644520	2.59%	0.249%
59	20.448	2974	2977	2982	rVB2	737792	994723	4.00%	0.385%
60	20.889	3048	3052	3058	rVB	1482624	2110540	8.49%	0.817%
61	21.059	3078	3081	3085	rBV2	1300649	1850650	7.45%	0.716%
62	21.107	3086	3089	3093	rVV	1374546	1813785	7.30%	0.702%
63	21.154	3094	3097	3106	rVV4	1695012	3627275	14.59%	1.404%
64	21.230	3107	3110	3116	rVB	1557998	2184648	8.79%	0.846%
65	21.477	3147	3152	3159	rBV3	8060105	17850658	71.82%	6.909%
66	21.548	3160	3164	3169	rVB	7537606	11094824	44.64%	4.294%
67	21.695	3185	3189	3193	rBV	1594949	2419028	9.73%	0.936%
68	23.753	3531	3539	3546	rBV	6182911	18663935	75.09%	7.223%
69	24.477	3655	3662	3676	rVB	3728854	10913310	43.91%	4.224%
70	24.630	3681	3688	3700	rVB	6137031	16358010	65.81%	6.331%
71	24.783	3708	3714	3719	rBV	1114501	2562879	10.31%	0.992%
72	28.494	4338	4345	4346	rBV	1983698	3663767	14.74%	1.418%
73	29.636	4533	4539	4540	rBV	1918526	2842306	11.44%	1.100%

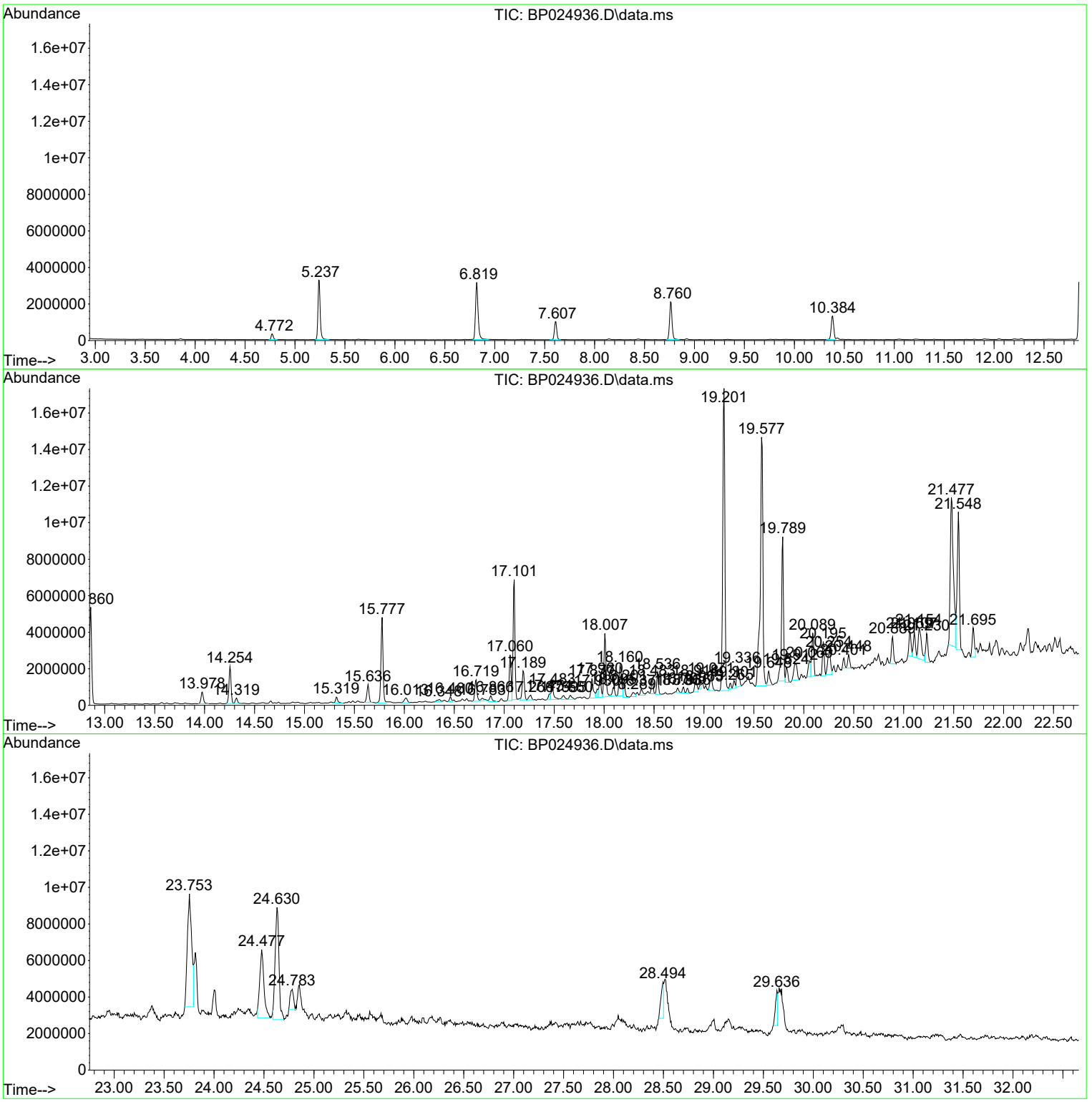
Sum of corrected areas: 258383331

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
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BNA_P
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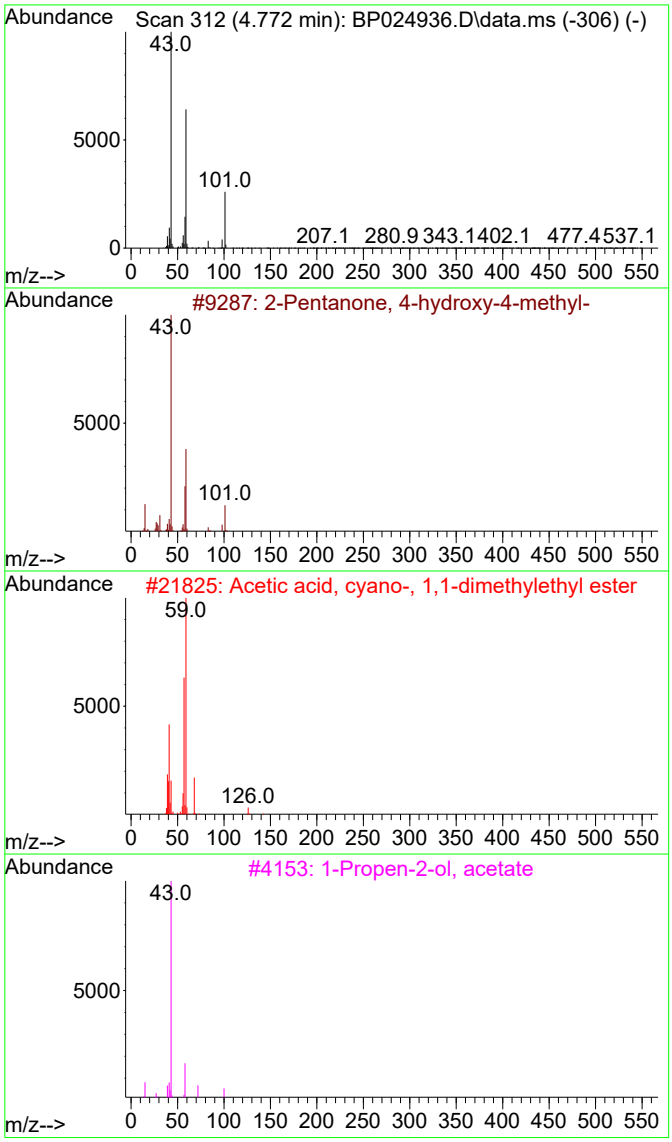
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

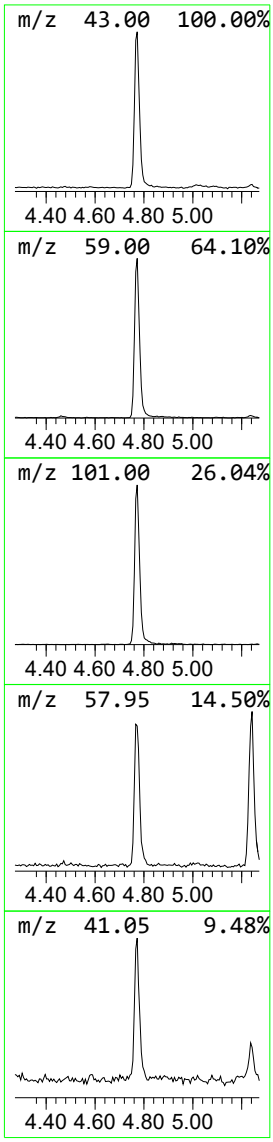
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.61 ng	458282	1,4-Dichlorobenzene-d4	7.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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

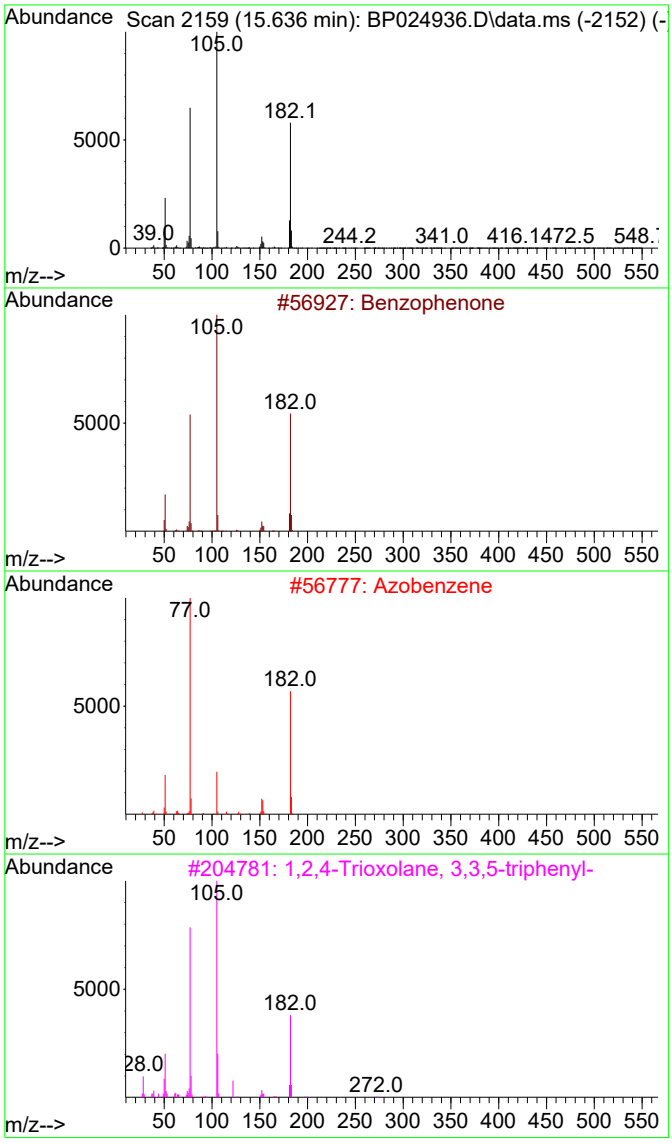
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

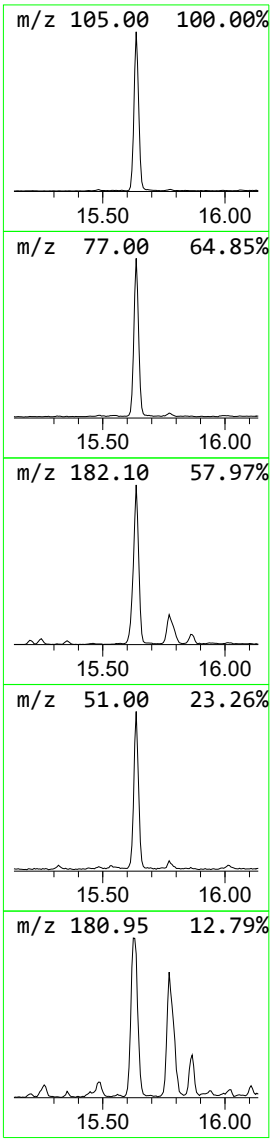
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.636	9.72 ng	1439650	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	35
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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

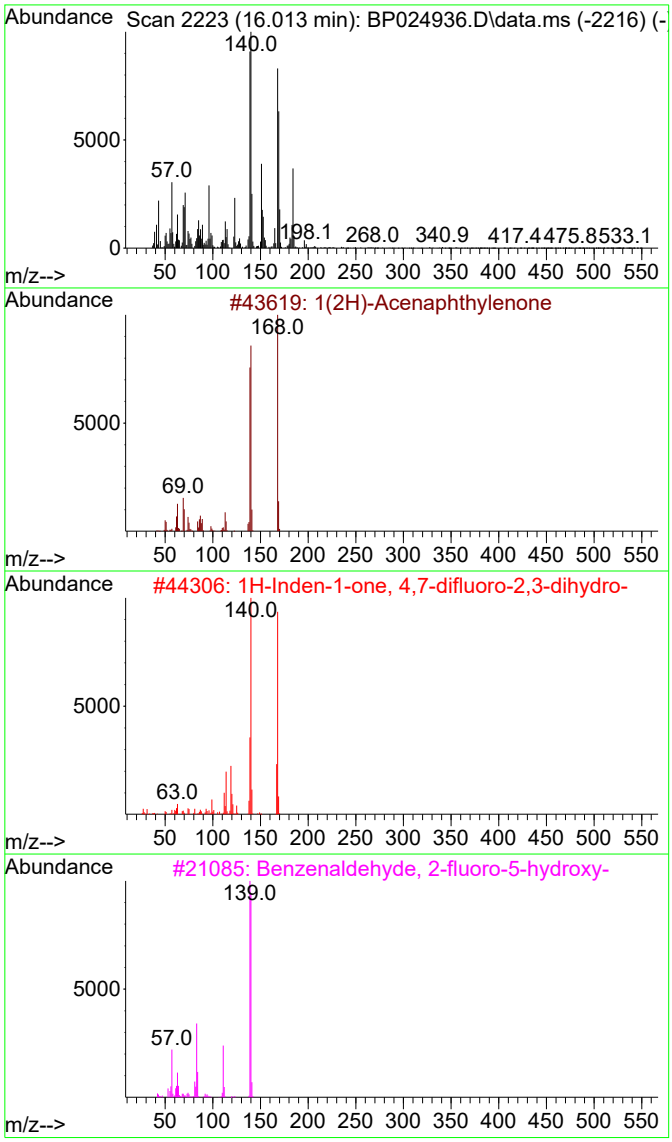
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

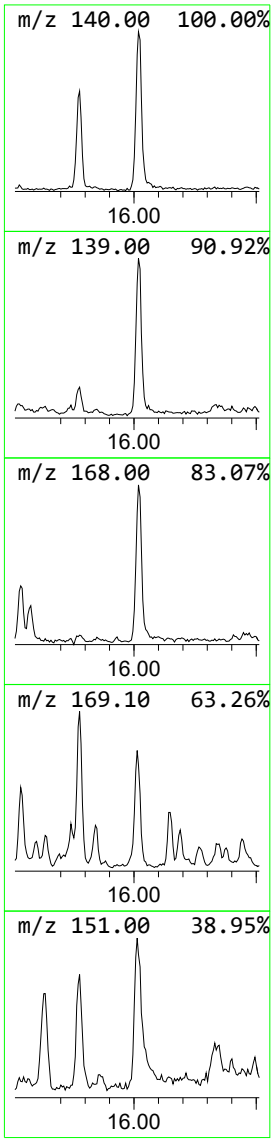
****

Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.013	3.35 ng	573740	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
2	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	38
3	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	38
4	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	27
5	Ethyl maltol	140	C7H8O3	004940-11-8	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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

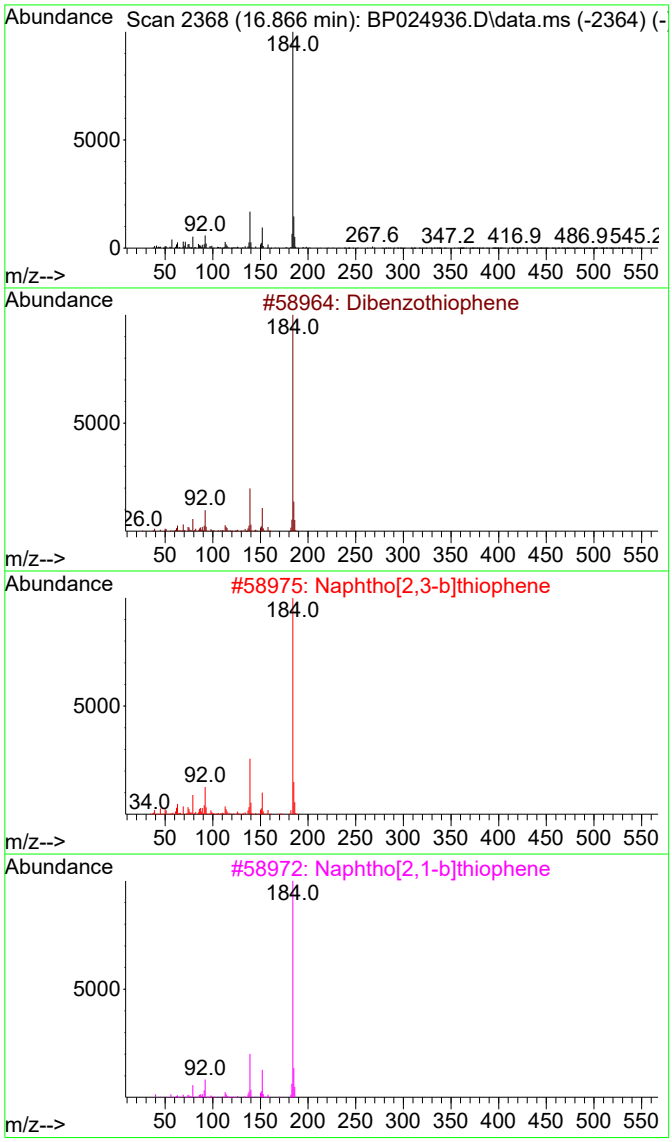
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

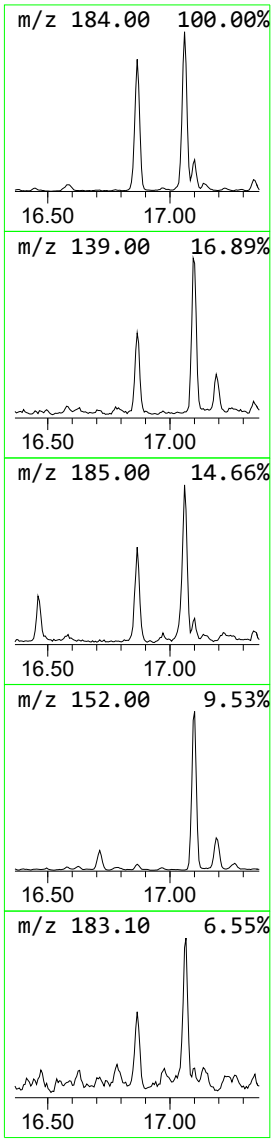
****

Peak Number 4 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.866	3.21 ng	549903	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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

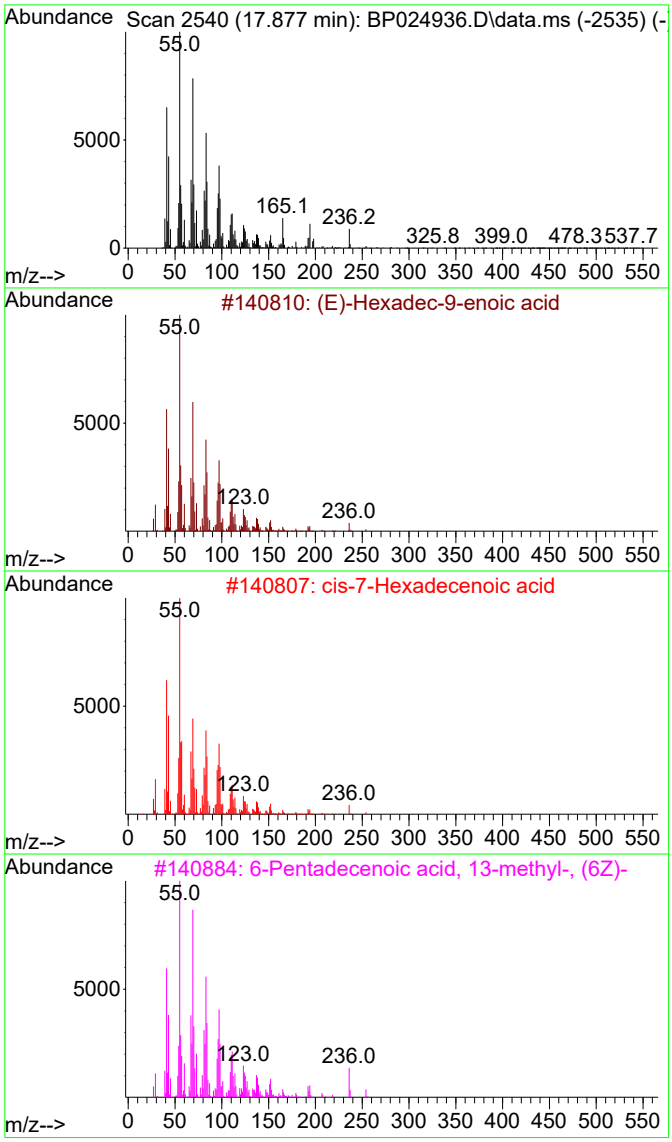
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

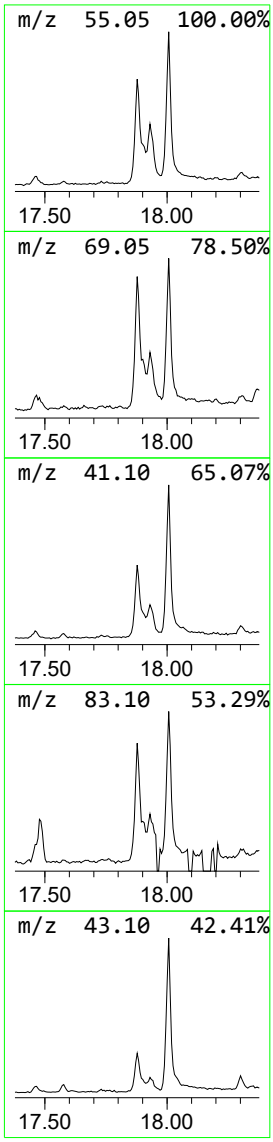
****

Peak Number 5 (E)-Hexadec-9-enoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.877	10.70 ng	1833980	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	96
3	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	91
4	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	90
5	Palmitoleic acid	254	C16H30O2	000373-49-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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

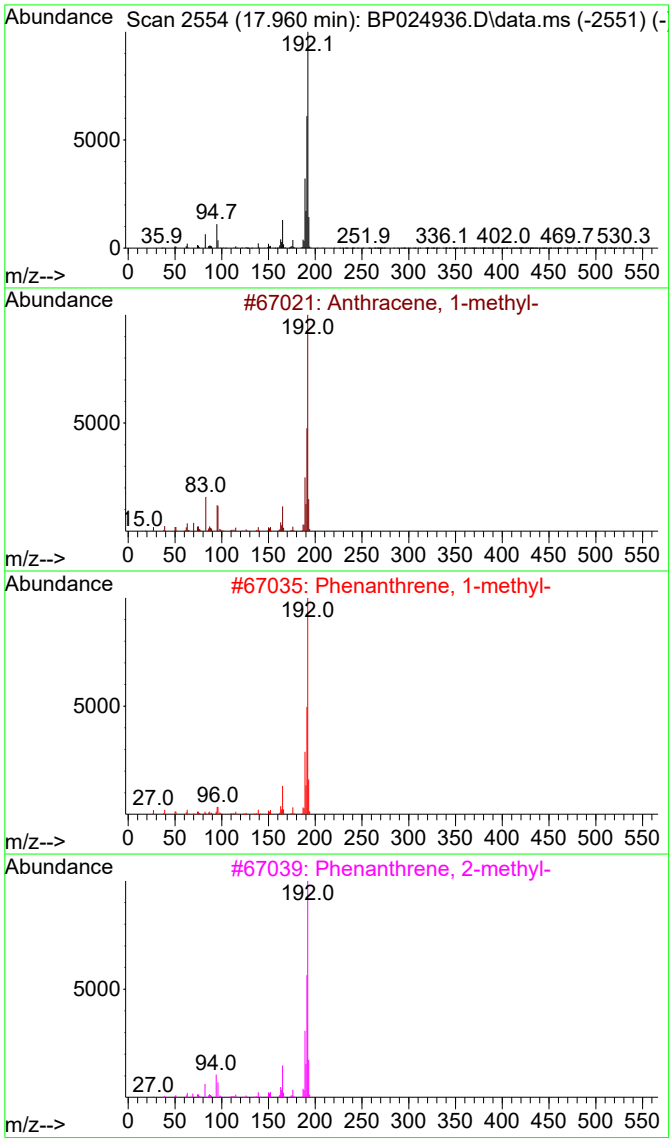
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

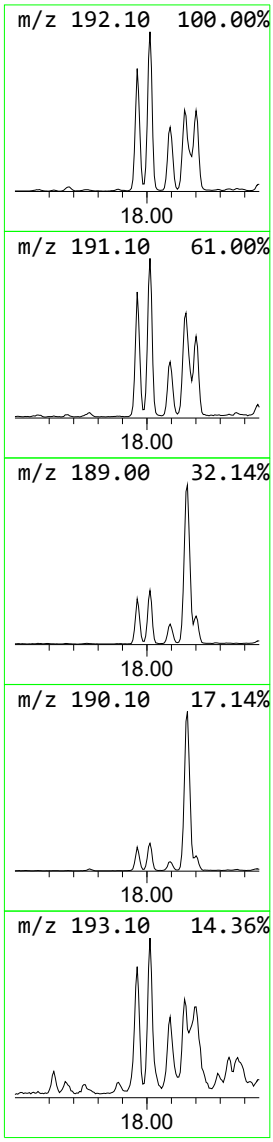
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.960	8.71 ng	1492300	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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

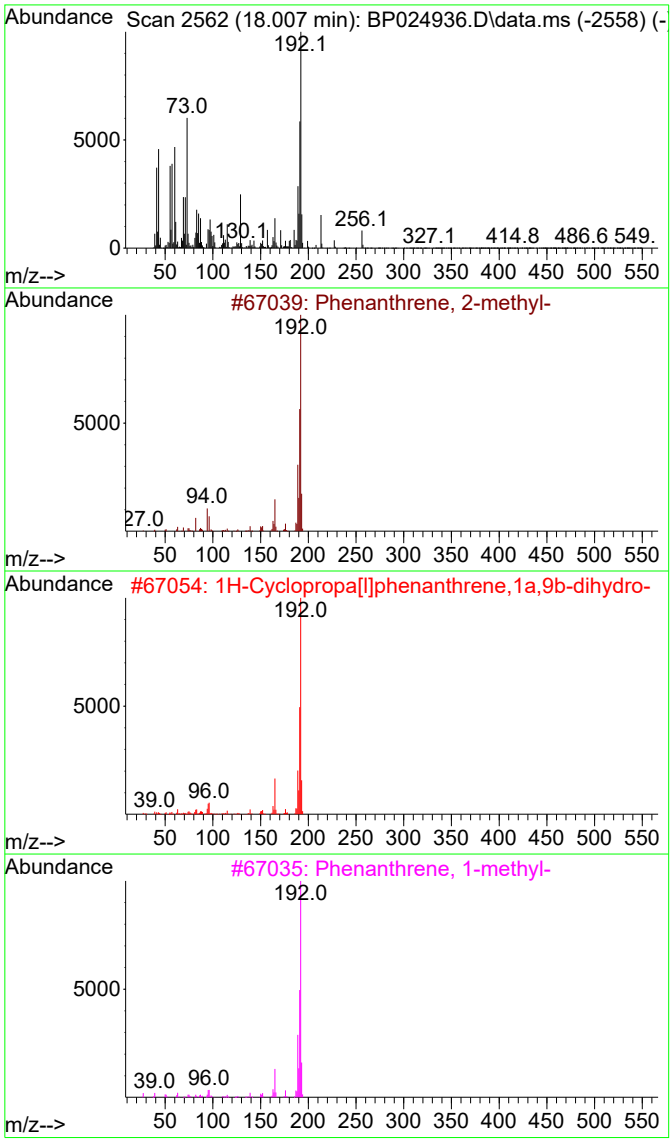
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

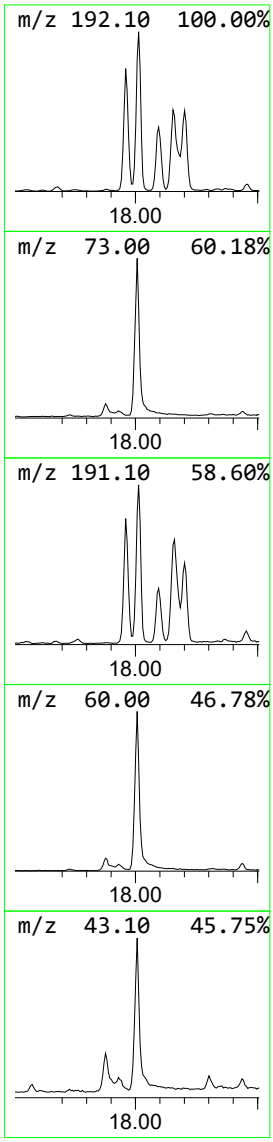
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	28.61 ng	4902410	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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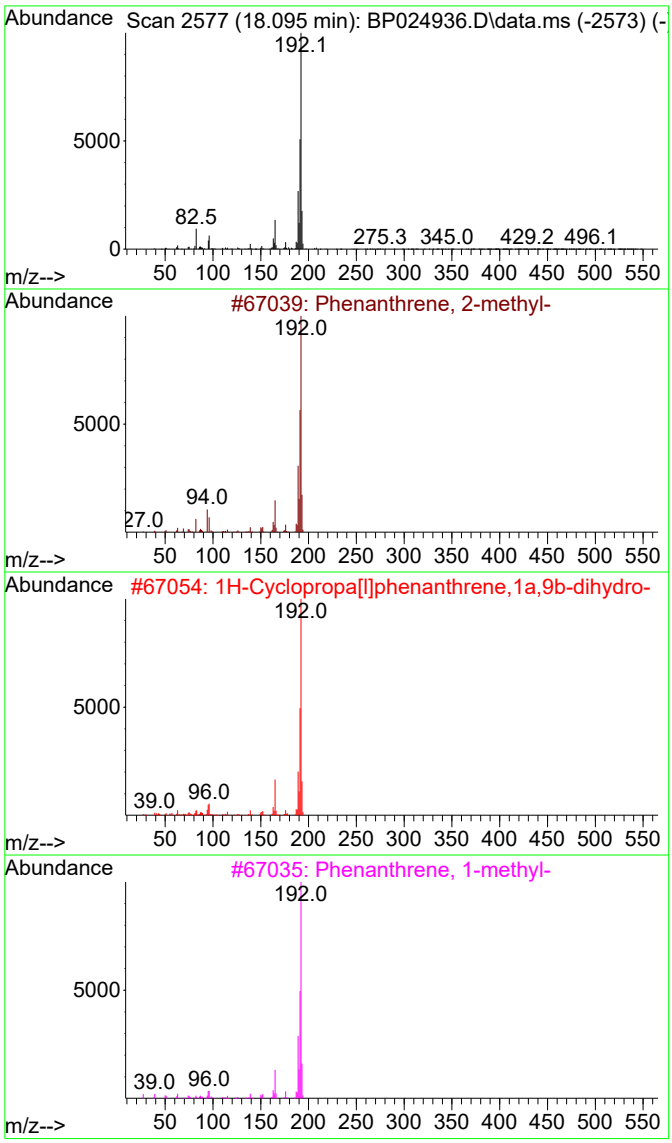
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

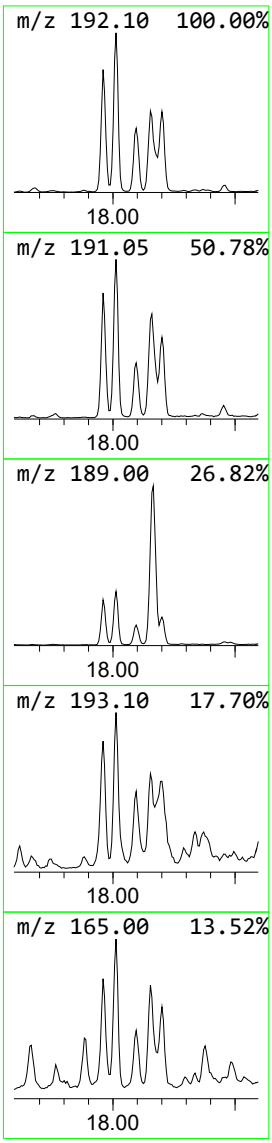
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	4.47 ng	766099	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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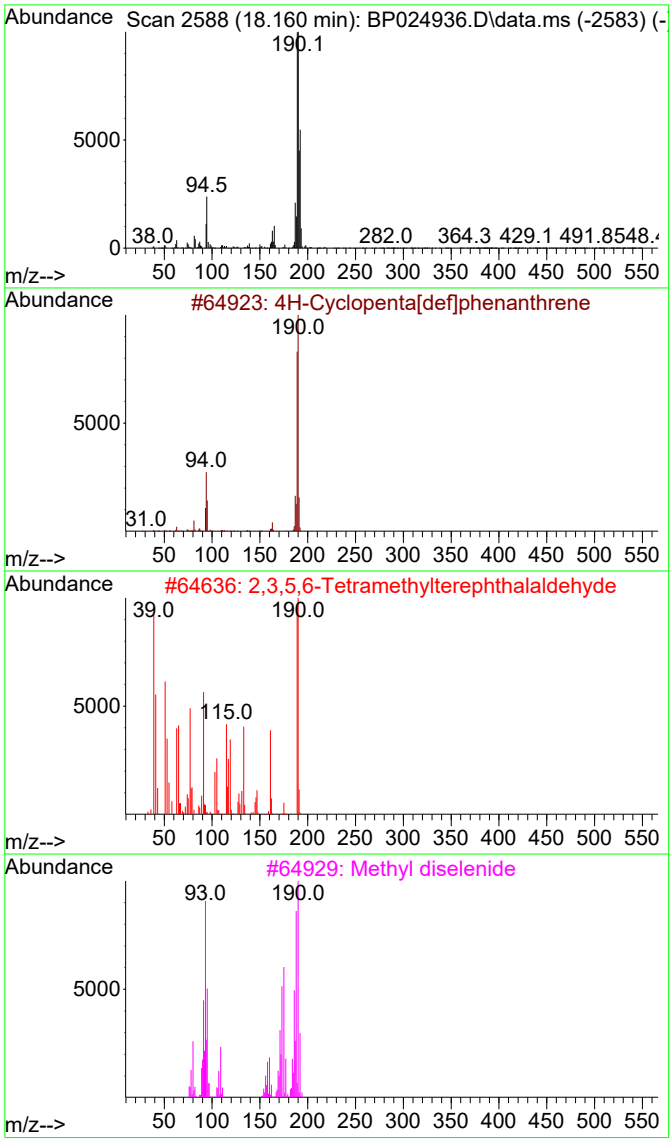
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

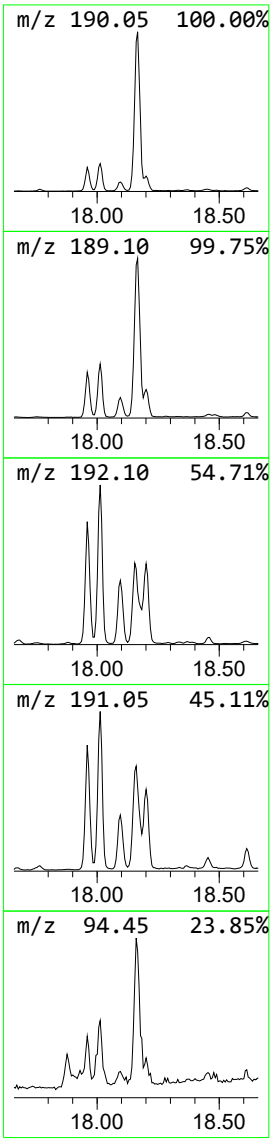
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	17.38 ng	2977190	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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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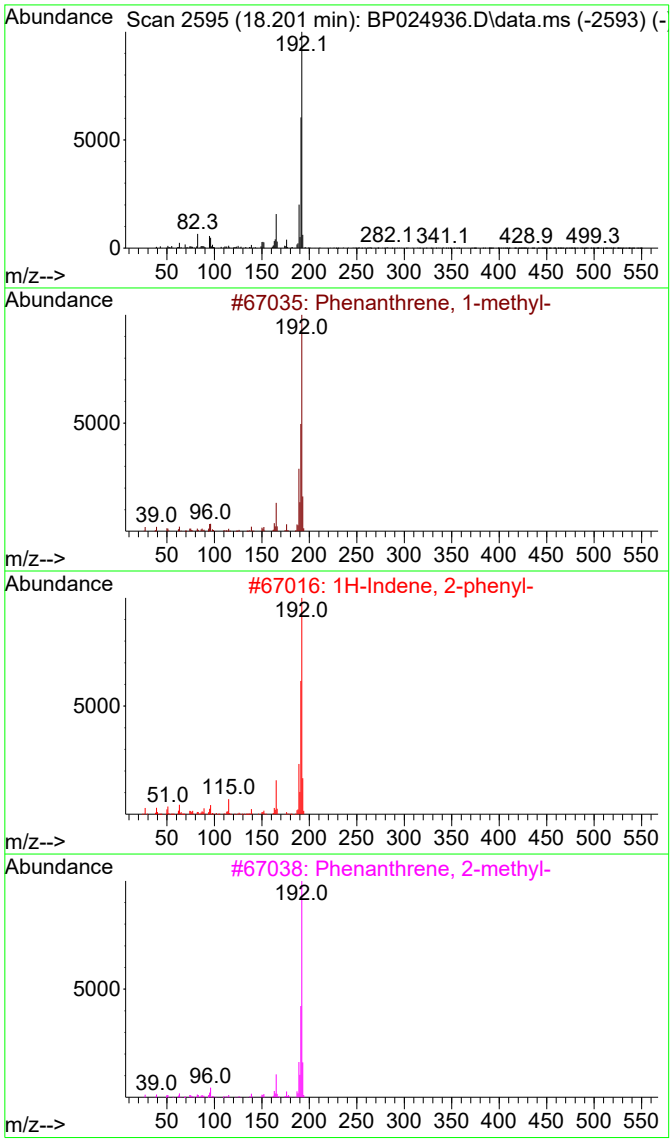
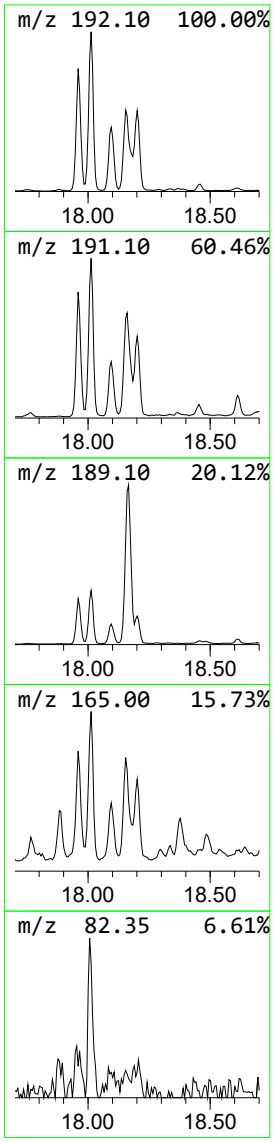
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.201	5.42 ng	927973	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





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Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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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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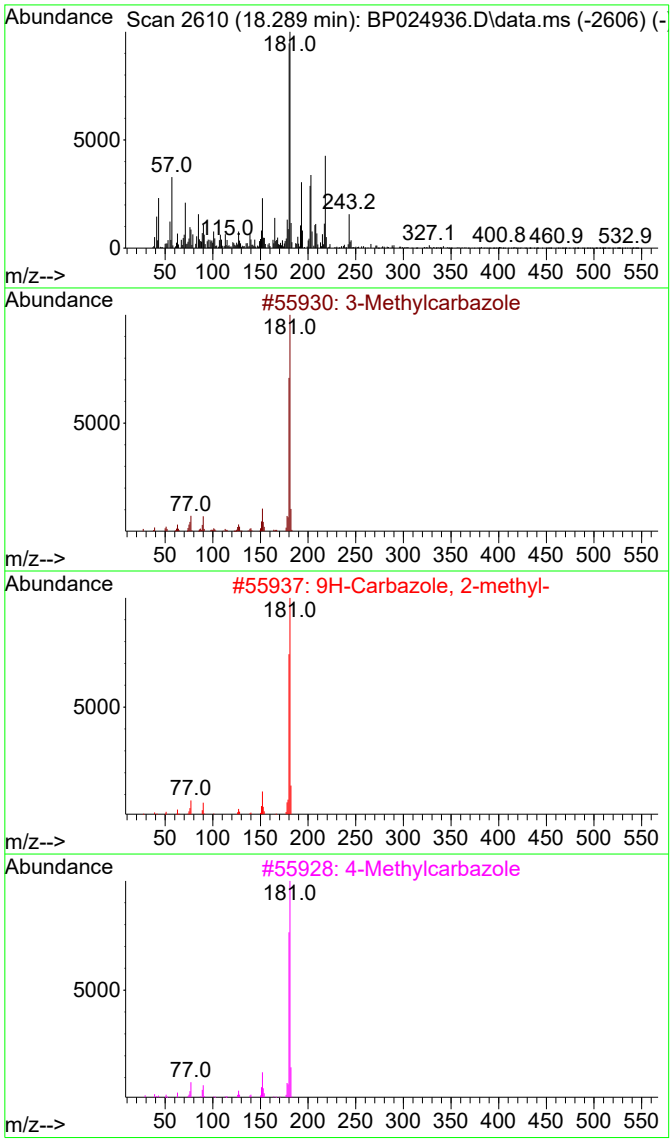
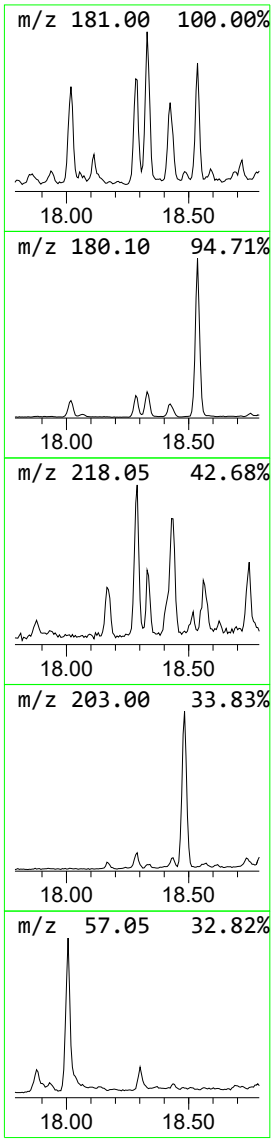
Peak Number 11 3-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.289	2.83 ng	484374	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	78
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	78
3	4-Methylcarbazole	181	C13H11N	003770-48-7	78
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	60
5	1-Methylcarbazole	181	C13H11N	006510-65-2	55





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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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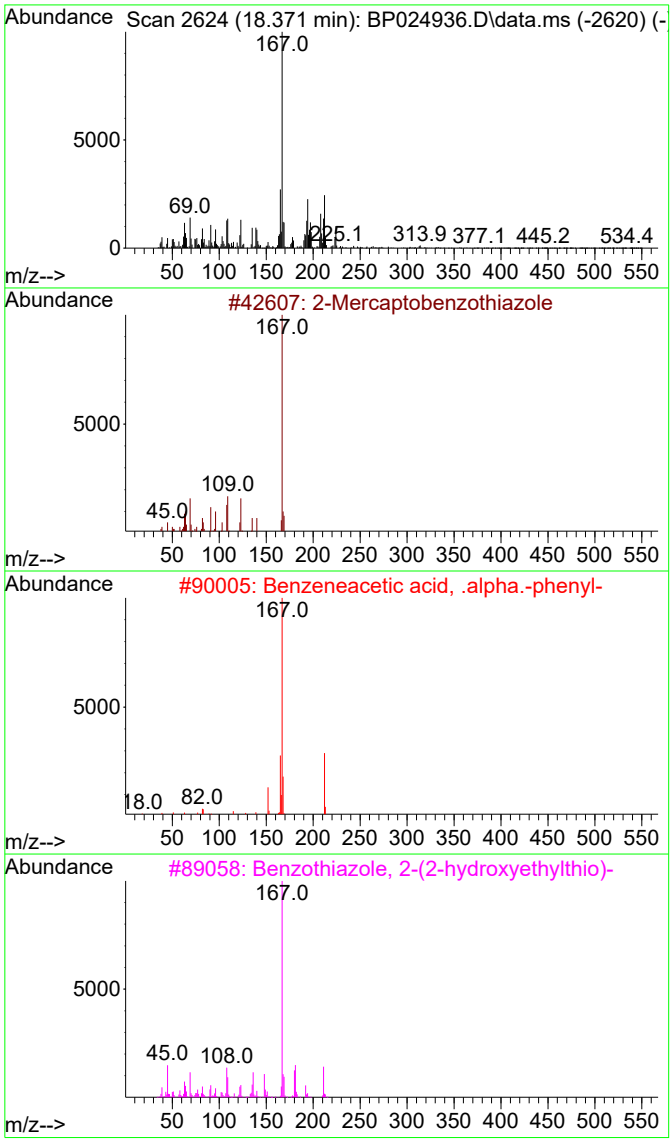
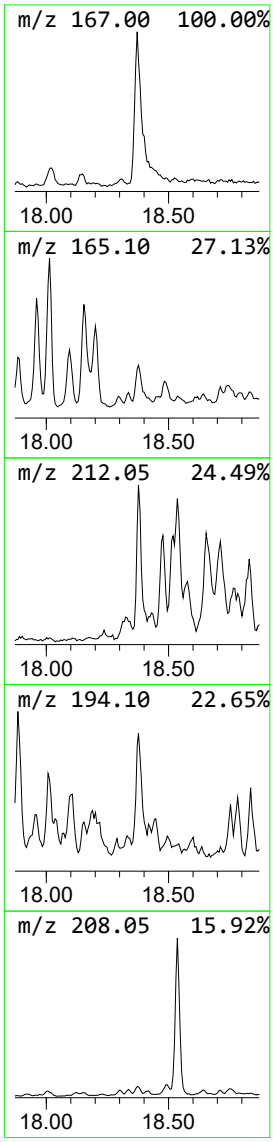
Peak Number 12 2-Mercaptobenzothiazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	3.47 ng	594803	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
2	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	53
3	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	50
4	1-Benzhydrylazetidin-3-ol	239	C16H17NO	018621-17-5	43
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	41





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Misc :
ALS Vial : 15 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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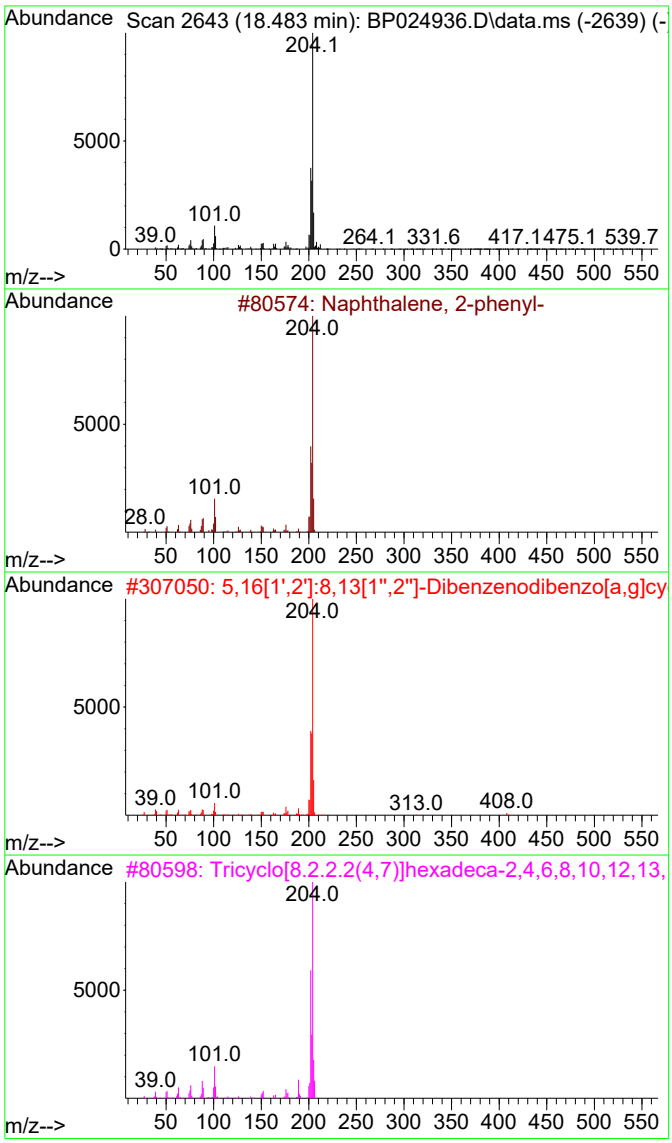
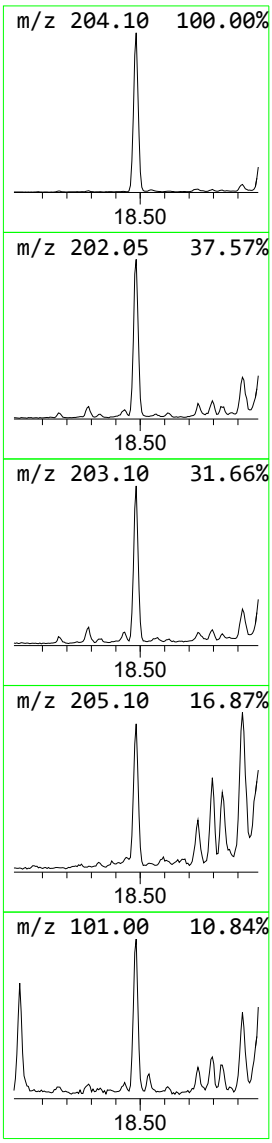
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.483	5.97 ng	1023300	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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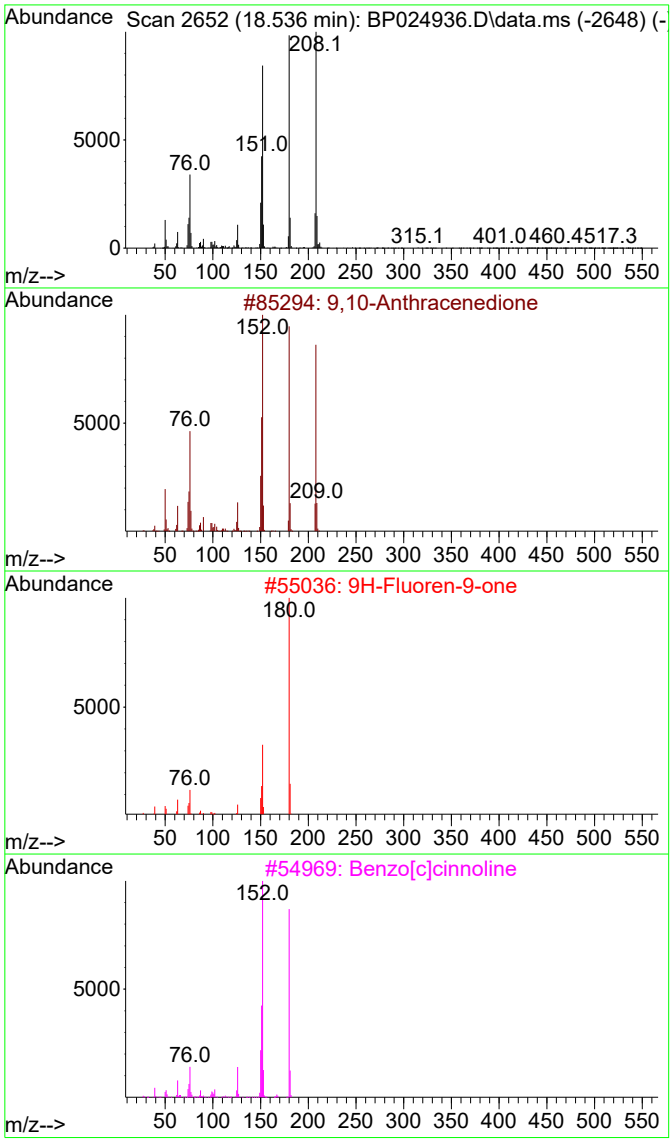
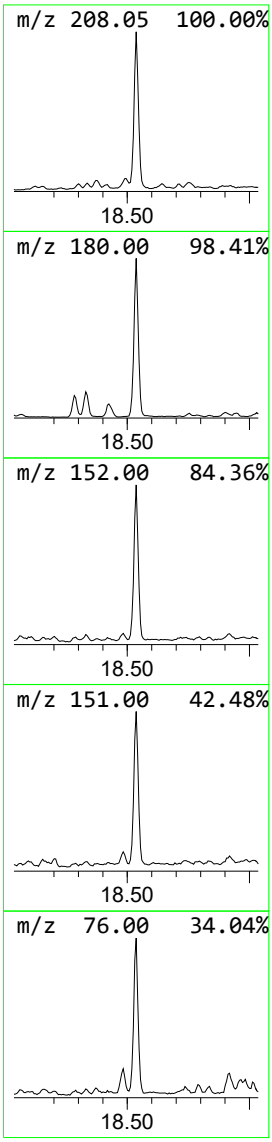
Peak Number 14 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.536	8.28 ng	1418830	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Misc :
ALS Vial : 15 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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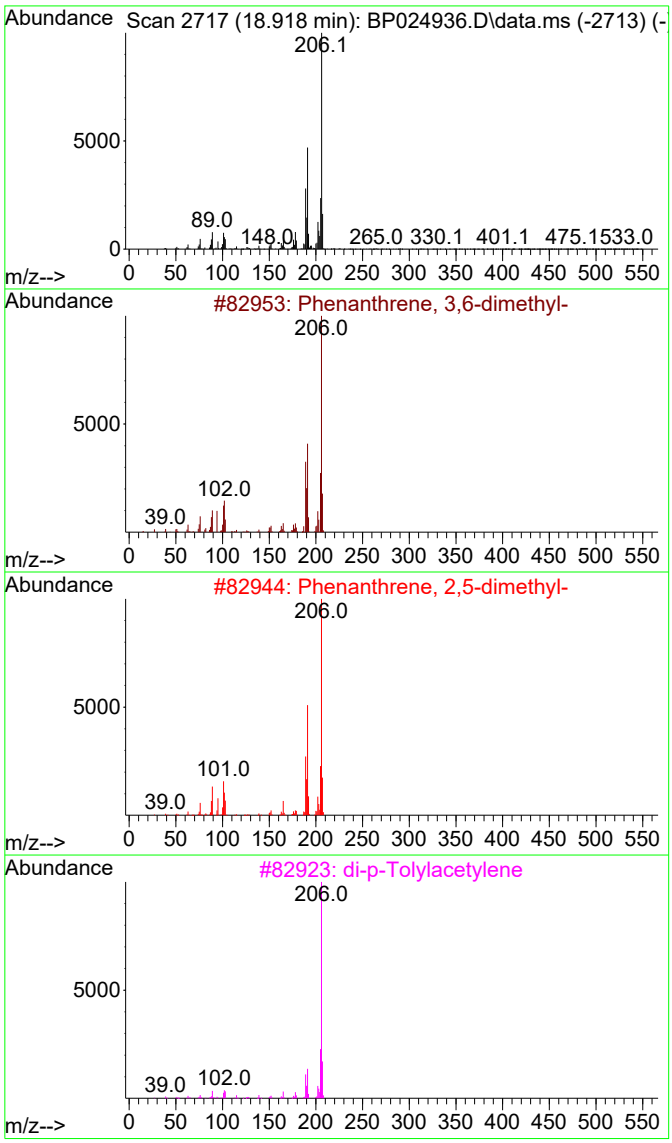
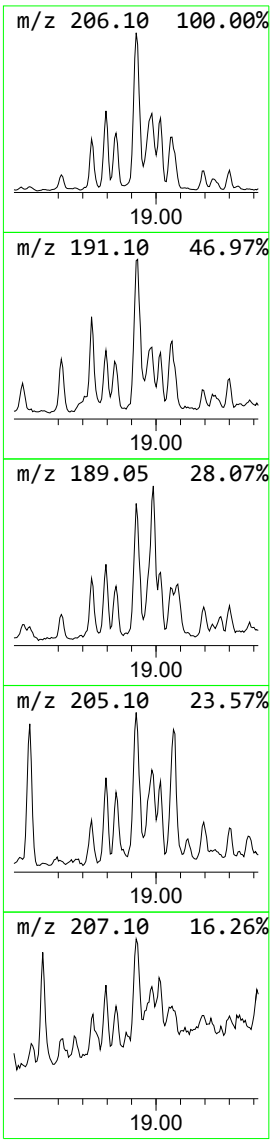
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.918	6.49 ng	1112030	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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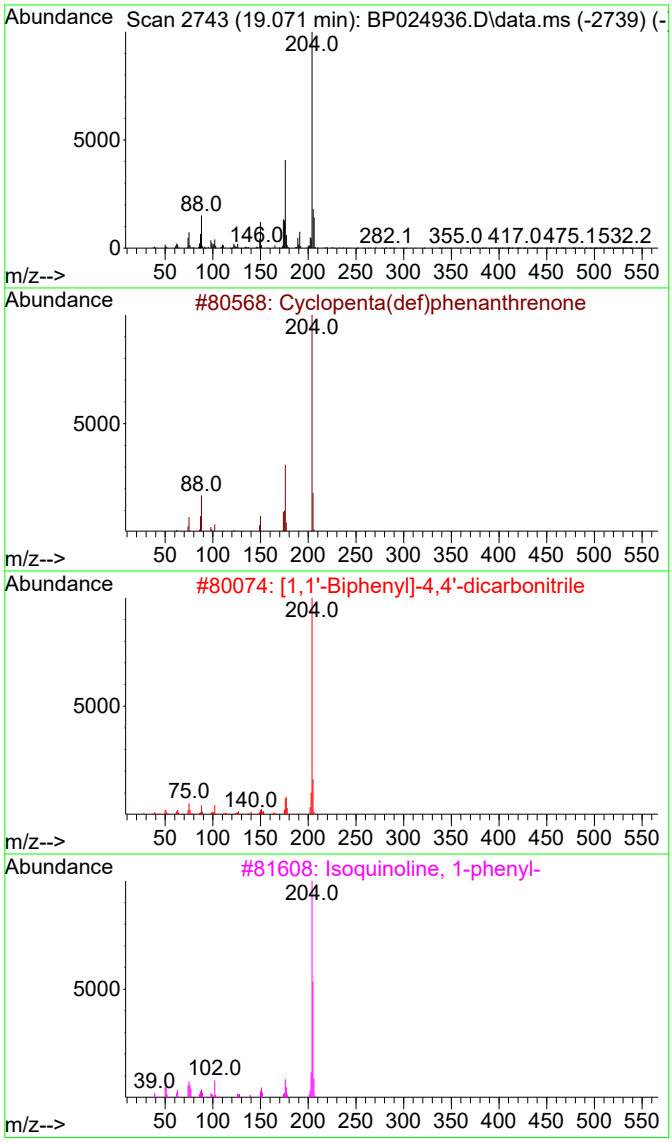
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

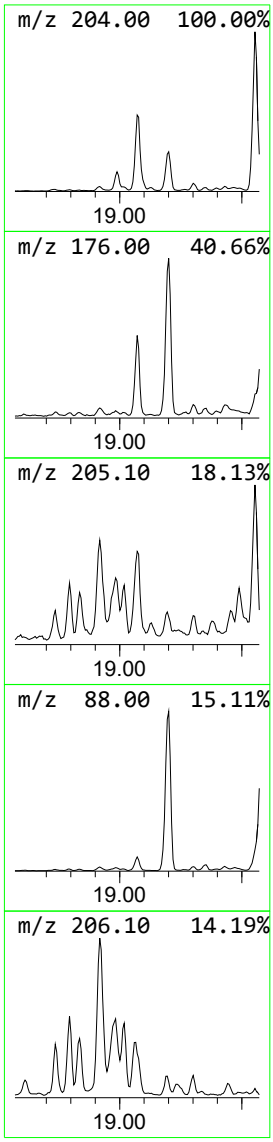
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.071	7.52 ng	1288900	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	56
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50





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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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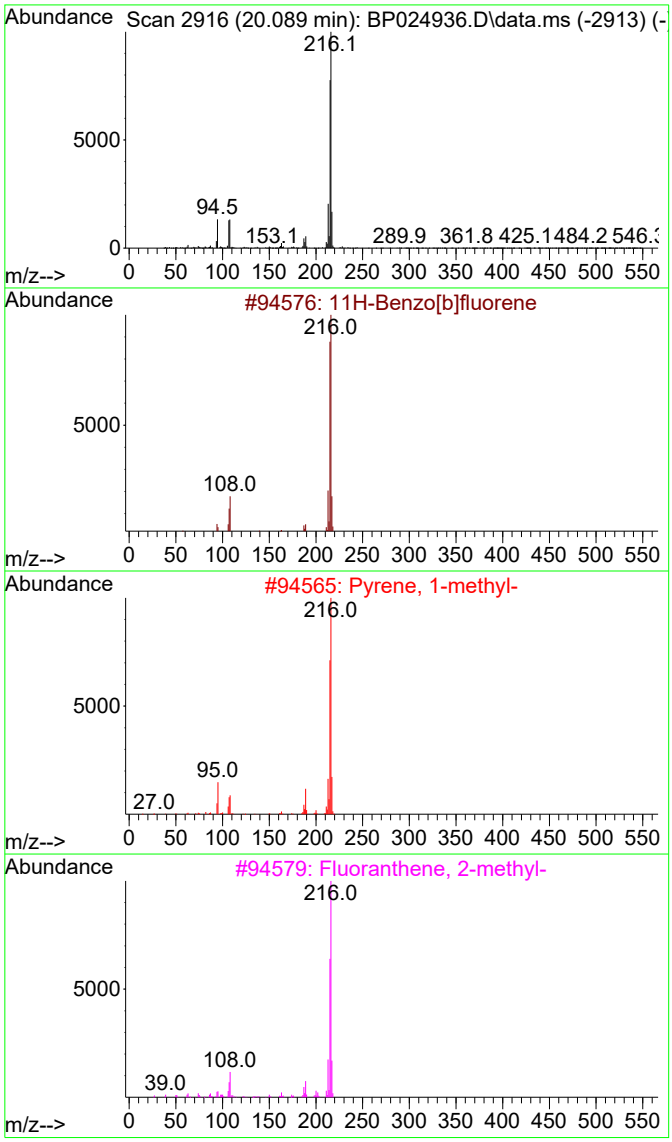
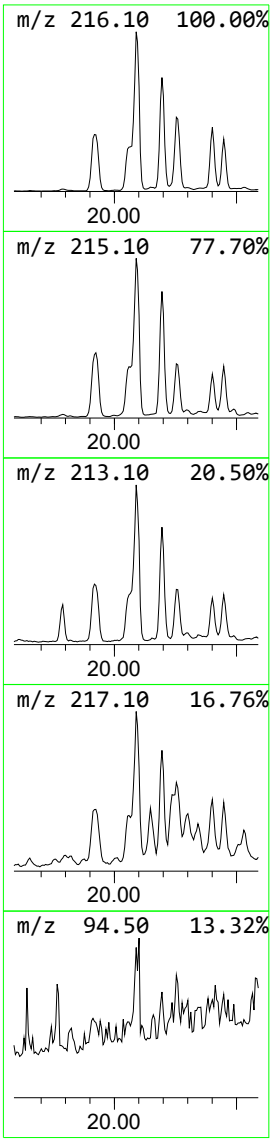
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.089	3.56 ng	3181620	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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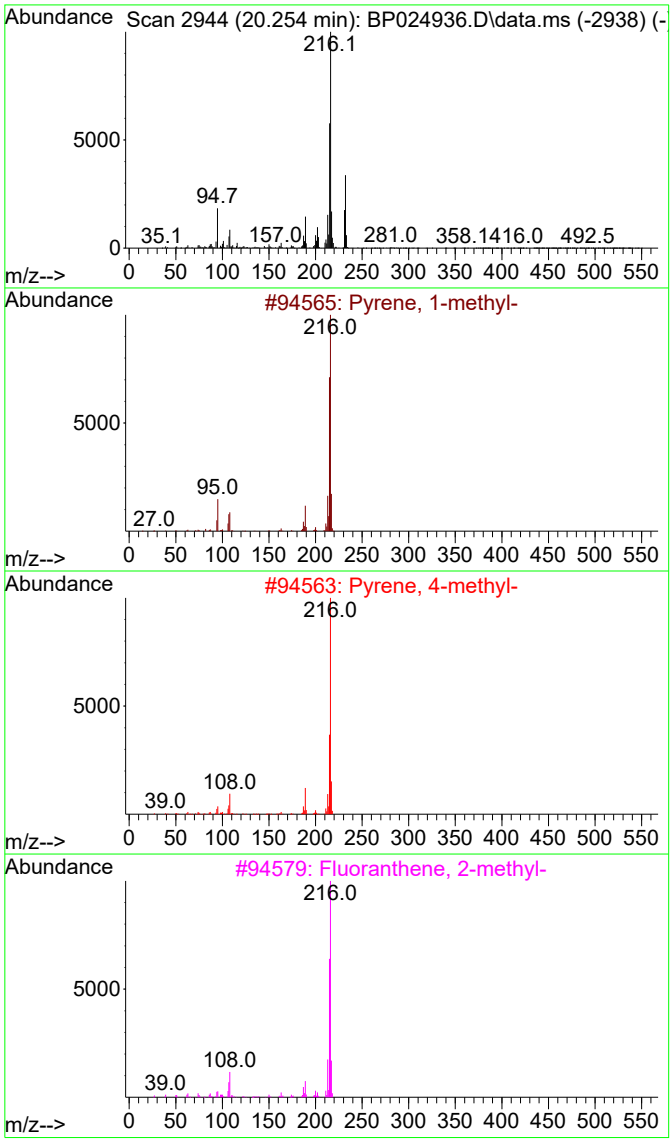
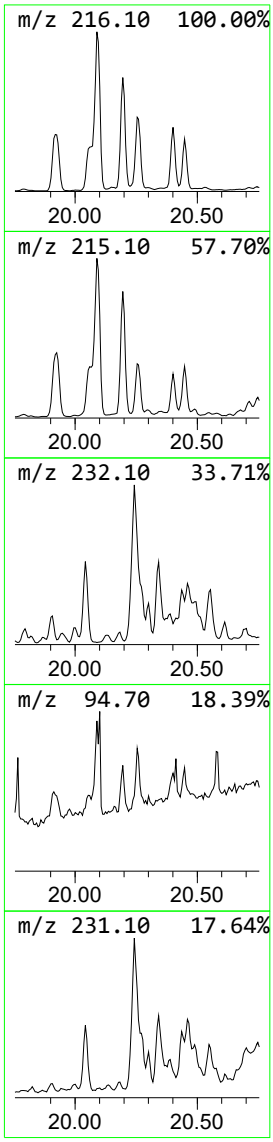
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.254	2.93 ng	2614080	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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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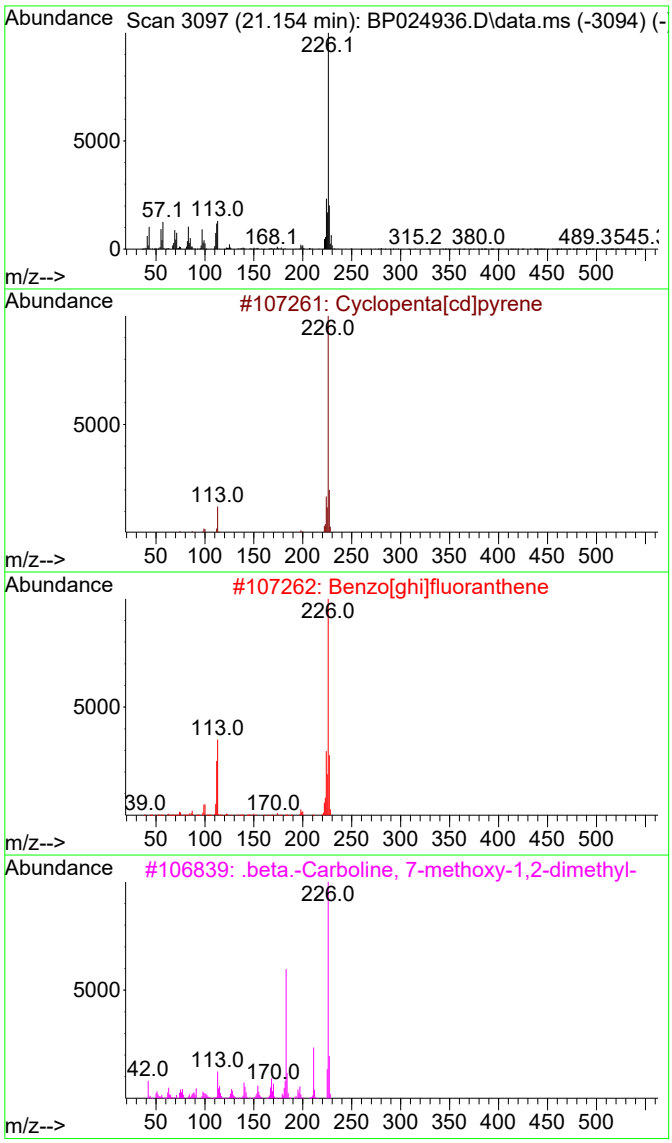
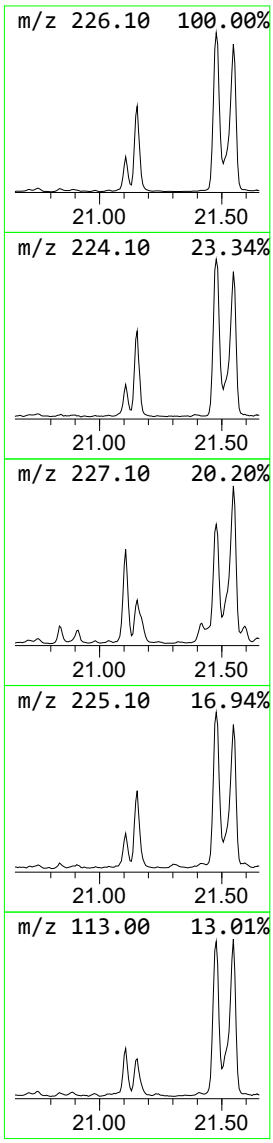
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.154	4.06 ng	3627280	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	92
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	76
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	50
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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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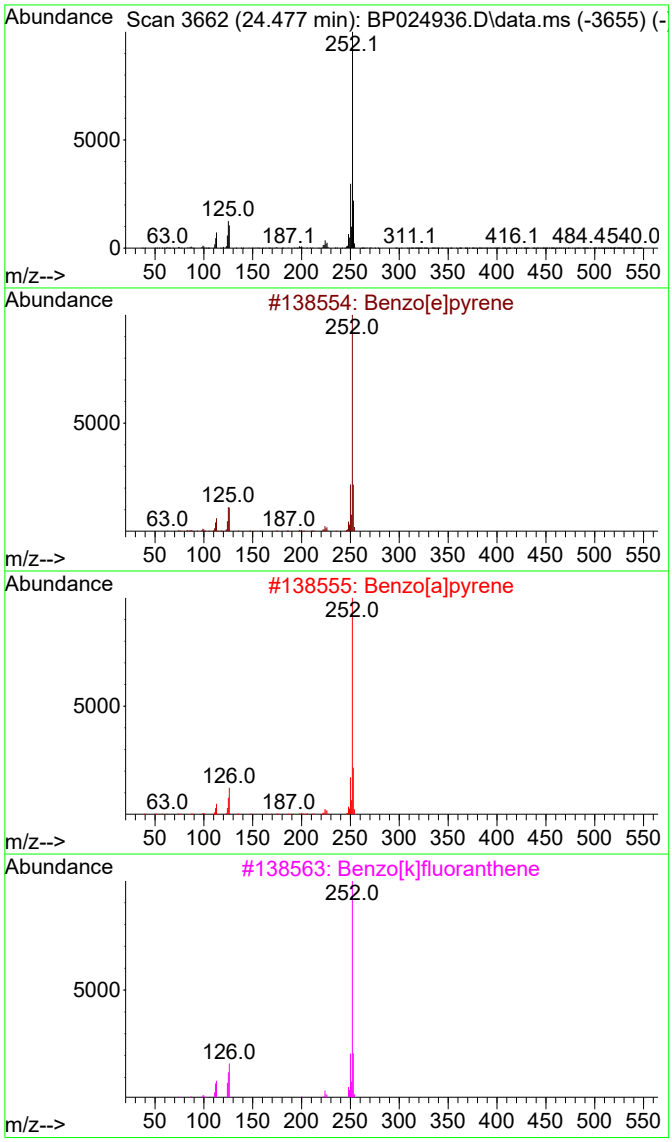
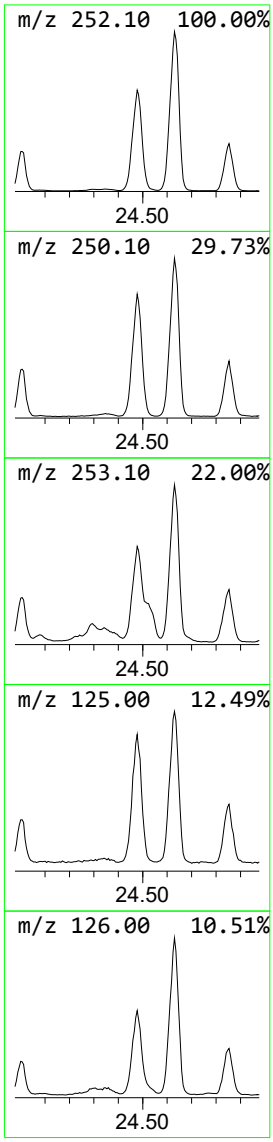
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.477	85.16 ng	10913300	Perylene-d12	24.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061225\
Data File : BP024936.D
Acq On : 12 Jun 2025 19:18
Operator : RC/JU
Sample : Q2296-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

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	5.6	ng	458282	1	7.613	1634960	20.0
Benzophenone	15.636	9.7	ng	1439650	3	14.254	2961800	20.0
1(2H)-Acenaphth...	16.013	3.4	ng	573740	4	17.060	3426660	20.0
Dibenzothiophene	16.866	3.2	ng	549903	4	17.060	3426660	20.0
(E)-Hexadec-9-e...	17.877	10.7	ng	1833980	4	17.060	3426660	20.0
Anthracene, 1-m...	17.960	8.7	ng	1492300	4	17.060	3426660	20.0
Phenanthrene, 2...	18.007	28.6	ng	4902410	4	17.060	3426660	20.0
1H-Cyclopropa[l...	18.095	4.5	ng	766099	4	17.060	3426660	20.0
4H-Cyclopenta[d...	18.160	17.4	ng	2977190	4	17.060	3426660	20.0
Phenanthrene, 1...	18.201	5.4	ng	927973	4	17.060	3426660	20.0
3-Methylcarbazole	18.289	2.8	ng	484374	4	17.060	3426660	20.0
2-Mercaptobenzo...	18.371	3.5	ng	594803	4	17.060	3426660	20.0
Naphthalene, 2-...	18.483	6.0	ng	1023300	4	17.060	3426660	20.0
9,10-Anthracene...	18.536	8.3	ng	1418830	4	17.060	3426660	20.0
Phenanthrene, 3...	18.918	6.5	ng	1112030	4	17.060	3426660	20.0
Cyclopenta(def)...	19.071	7.5	ng	1288900	4	17.060	3426660	20.0
11H-Benzo[b]flu...	20.089	3.6	ng	3181620	5	21.495	17850700	20.0
Pyrene, 1-methyl-	20.254	2.9	ng	2614080	5	21.495	17850700	20.0
Cyclopenta[cd]p...	21.154	4.1	ng	3627280	5	21.495	17850700	20.0
Benzo[e]pyrene	24.477	85.2	ng	10913300	6	24.783	2562880	20.0