LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	13	rVB3	88234	175686	1.63%	0.141%
2	3.055	14	20	35	rVB	420225	712319	6.61%	0.571%
3	4.955	338	343	351	rBV	129691	179467	1.67%	0.144%
4	5.161	373	378	383	rBV	91464	143317	1.33%	0.115%
5	5.414	414	421	429	rBV	1241592	1913695	17.77%	1.534%
6	6.972	679	686	695	rBV	1215768	2002495	18.60%	1.606%
7	7.802	820	827	837	rBV	906487	1505388	13.98%	1.207%
8	8.355	915	921	932	rVB4	67716	171721	1.59%	0.138%
9	8.937	1005	1020	1027	rBV	752811	1474227	13.69%	1.182%
10	9.990	1193	1199	1207	rBV6	44732	131173	1.22%	0.105%
11	10.572	1290	1298	1303	rBV	1093603	1972811	18.32%	1.582%
12	10.625	1303	1307	1313	rVB	400478	654980	6.08%	0.525%
13	11.613	1470	1475	1484	rBV	135462	228504	2.12%	0.183%
14	12.231	1575	1580	1586	rVB	312172	488448	4.54%	0.392%
15	12.454	1612	1618	1623	rBV	236381	362557	3.37%	0.291%
16	12.966	1701	1705	1709	rVB	106001	148502	1.38%	0.119%
17	13.037	1711	1717	1726	rVB	1690607	2581812	23.98%	2.070%
18	13.248	1749	1753	1761	rVB2	123664	205234	1.91%	0.165%
19	13.578	1804	1809	1811	rBV	137204	213299	1.98%	0.171%
20	13.743	1832	1837	1842	rBV	199859	326349	3.03%	0.262%
21	13.795	1842	1846	1851	rVB	126319	170806	1.59%	0.137%
22	13.972	1870	1876	1880	rBV	128811	212910	1.98%	0.171%
23	14.143	1899	1905	1910	rBV2	134155	278092	2.58%	0.223%
24	14.266	1922	1926	1934	rVB4	91022	156526	1.45%	0.126%
25	14.425	1942	1953	1959	rBV	1586491	2738917	25.43%	2.196%
26	14.490	1959	1964	1971	rVV	995713	1724620	16.02%	1.383%
27	14.554	1971	1975	1981	rVB3	78024	131623	1.22%	0.106%
28	14.837	2017	2023	2029	rVB	620759	963996	8.95%	0.773%
29	14.907	2031	2035	2039	rVB	124863	159324	1.48%	0.128%
30	14.972	2042	2046	2052	rBV3	95432	169570	1.57%	0.136%
31	15.113	2066	2070	2075	rVB	107968	157695	1.46%	0.126%
32	15.454	2123	2128	2130	rBV	245050	337131	3.13%	0.270%
33	15.495	2130	2135	2140	rVB2	1307416	1950388	18.11%	1.564%
34	15.584	2147	2150	2152	rBV2	84925	112144	1.04%	0.090%
35	15.613	2152	2155	2158	rVV	160216	202248	1.88%	0.162%
36	15.654	2158	2162	2167	rVB	207900	293286	2.72%	0.235%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.707	2167	2171	2173	rBV2	102936	144861	1.35%	0.116%
38	15.801	2181	2187	2195	rVB2	493254	886227	8.23%	0.711%
39	15.931	2204	2209	2218	rVB3	1826422	2949562	27.39%	2.365%
40	16.219	2255	2258	2266	rVB	176675	251756	2.34%	0.202%
41	16.472	2298	2301	2303	rBV	115103	134373	1.25%	0.108%
42	16.519	2306	2309	2314	rVB2	250771	336904	3.13%	0.270%
43	16.572	2315	2318	2323	rVB2	146872	193510	1.80%	0.155%
44	16.878	2366	2370	2377	rVB3	123725	215453	2.00%	0.173%
45	16.954	2379	2383	2389	rVV	144726	331760	3.08%	0.266%
46	17.036	2393	2397	2407	rVB2	357989	816850	7.59%	0.655%
47	17.231	2425	2430	2433	rBV	1870482	2628850	24.41%	2.108%
48	17.278	2433	2438	2443	rVV	6876698	10392422	96.51%	8.333%
49	17.360	2445	2452	2458	rVV	2196740	3459995	32.13%	2.774%
50	17.425	2458	2463	2469	rVV2	214231	390890	3.63%	0.313%
51	17.536	2480	2482	2488	rVB	176688	242766	2.25%	0.195%
52	17.642	2496	2500	2504	rVB	584964	773165	7.18%	0.620%
53	17.936	2546	2550	2554	rVB2	310850	427530	3.97%	0.343%
54	18.131	2579	2583	2587	rBV	757809	1072334	9.96%	0.860%
55	18.178	2587	2591	2598	rVB2	1755245	2783414	25.85%	2.232%
56	18.266	2603	2606	2612	rVB	445882	676226	6.28%	0.542%
57	18.336	2612	2618	2622	rBV2	1504450	2602071	24.16%	2.086%
58	18.372	2622	2624	2629	rVB	487245	640458	5.95%	0.514%
59	18.483	2640	2643	2647	rVB3	204424	246984	2.29%	0.198%
60	18.654	2668	2672	2676	rBV	489206	606656	5.63%	0.486%
61	18.907	2712	2715	2719	rVB	558687	696397	6.47%	0.558%
62	19.360	2786	2792	2799	rBV	7249090	10768712	100.00%	8.635%
63	19.436	2800	2805	2812	rBV2	1760409	2478784	23.02%	1.988%
64	19.507	2813	2817	2822	rVV3	597823	826453	7.67%	0.663%
65	19.695	2845	2849	2851	rBV2	1490932	2115796	19.65%	1.697%
66	19.730	2851	2855	2864	rVB	5956983	8937173	82.99%	7.166%
67	19.948	2885	2892	2896	rBV2	1928420	3303709	30.68%	2.649%
68	20.178	2927	2931	2935	rBV	1910493	2278677	21.16%	1.827%
69	20.254	2941	2944	2949	rVB	1513687	1878927	17.45%	1.507%
70	20.348	2956	2960	2965	rBV2	1415249	2134523	19.82%	1.712%
71	20.407	2967	2970	2974	rVB2	660659	840763	7.81%	0.674%
72	21.330	3123	3127	3131	rBV2	646101	1236526	11.48%	0.991%
73	21.607	3171	3174	3178	rBV2	571503	760860	7.07%	0.610%
74	21.660	3178	3183	3190	rVV2	4002460	8943164	83.05%	7.171%
75	21.724	3190	3194	3204	rVB	2791049	4602147	42.74%	3.690%
76	21.872	3217	3219	3225	rVB	538515	767690	7.13%	0.616%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.001	3575	3581	3589	rBV	1276161	4096255	38.04%	3.284%
78	24.754	3705	3709	3724	rVB	884754	2665952	24.76%	2.138%
79	24.918	3729	3737	3747	rVV	1450769	4258449	39.54%	3.415%
80	25.077	3758	3764	3771	rVB2	1058383	2567566	23.84%	2.059%

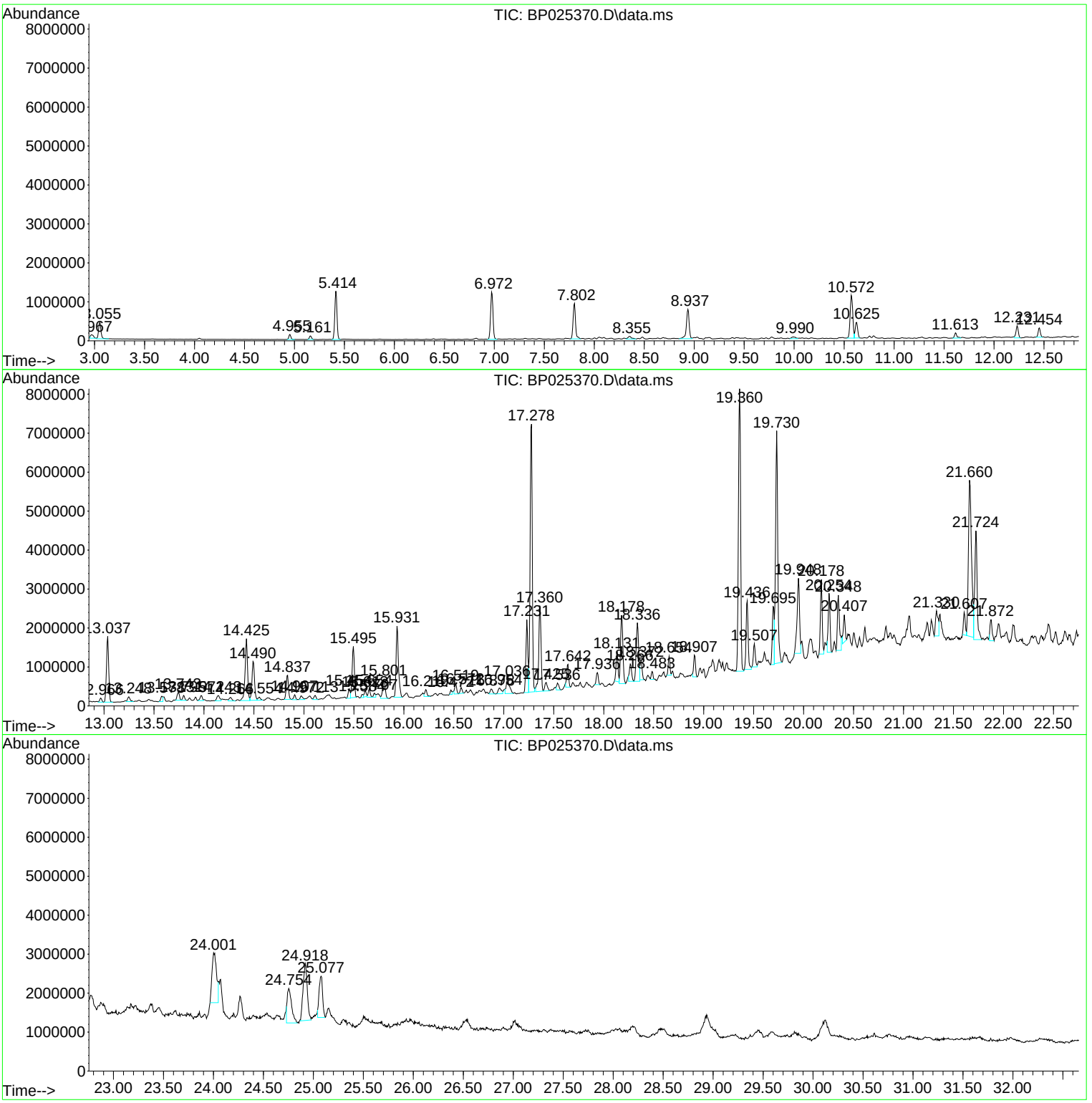
Sum of corrected areas: 124714800

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
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Instrument :
BNA_P
ClientSampleId :
TP-7

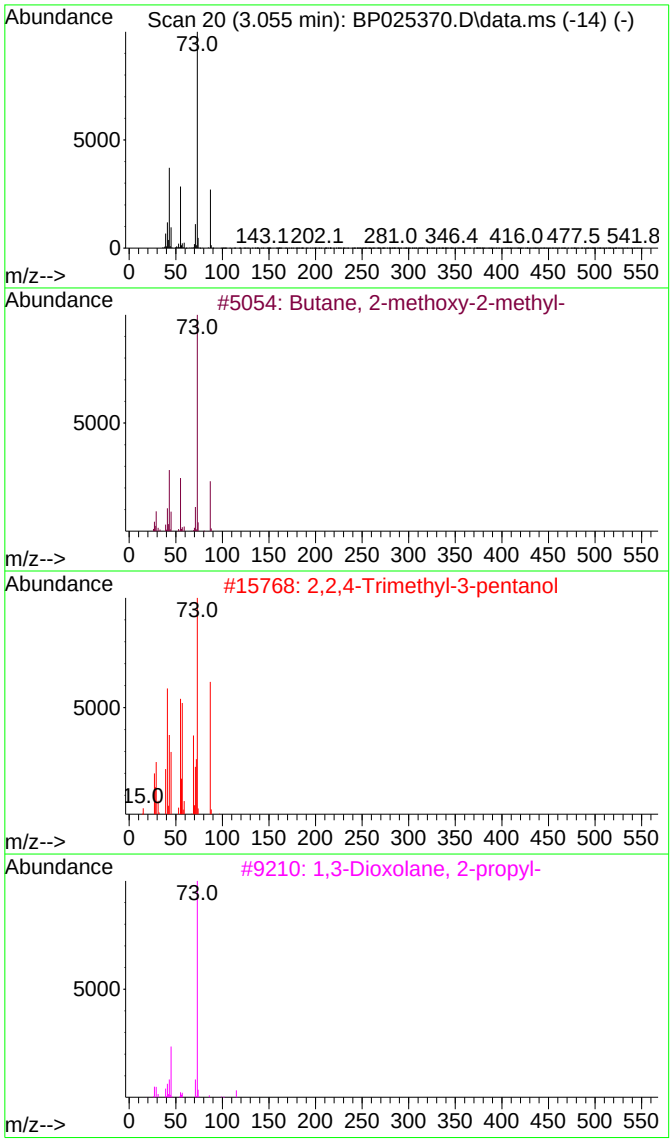
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

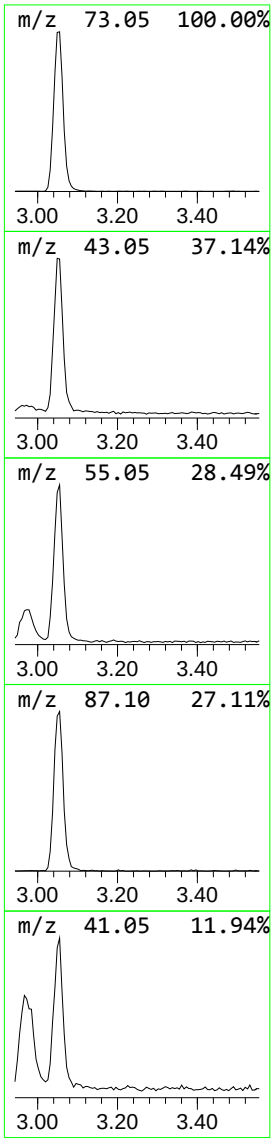
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.055	9.46 ng	712319	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
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Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

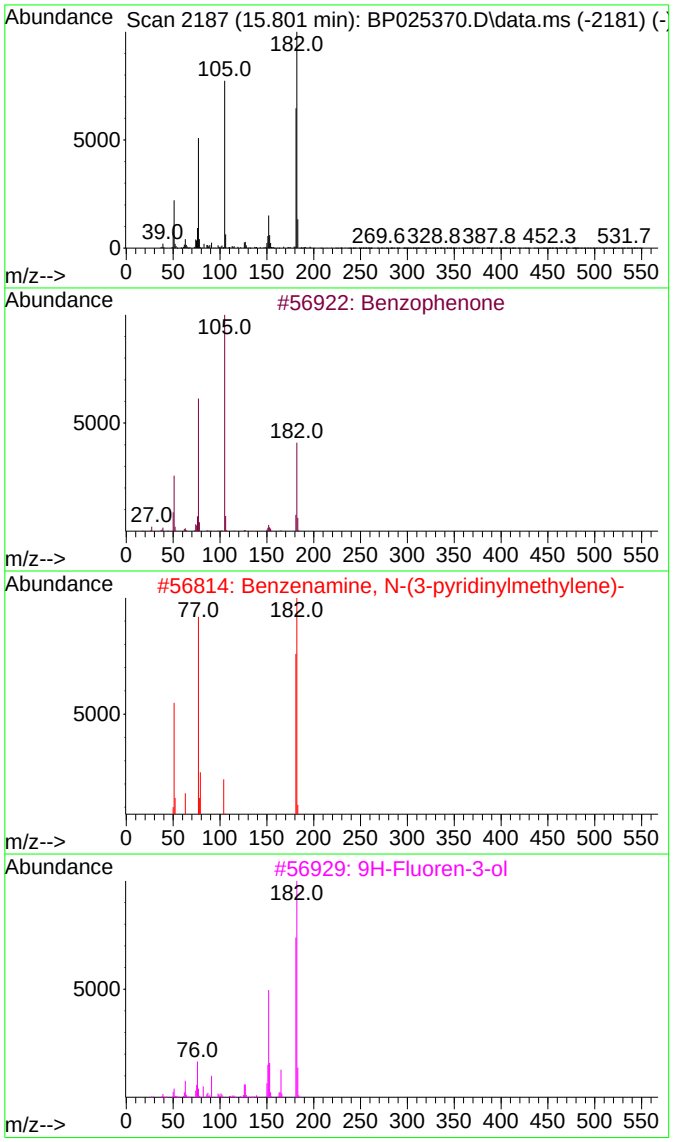
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

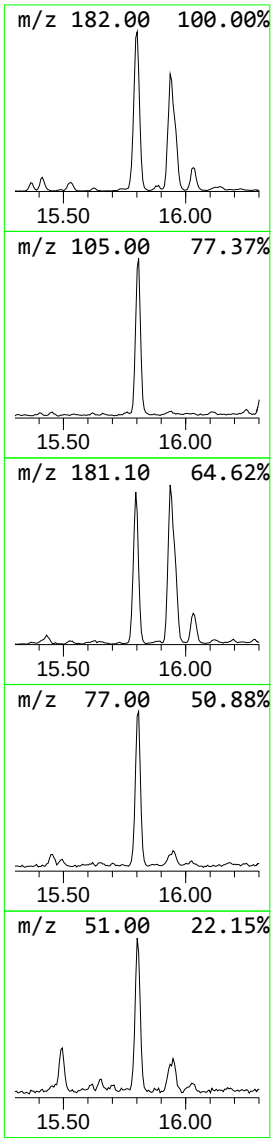
****

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.801	6.47 ng	886227	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	74
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	64
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	52
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

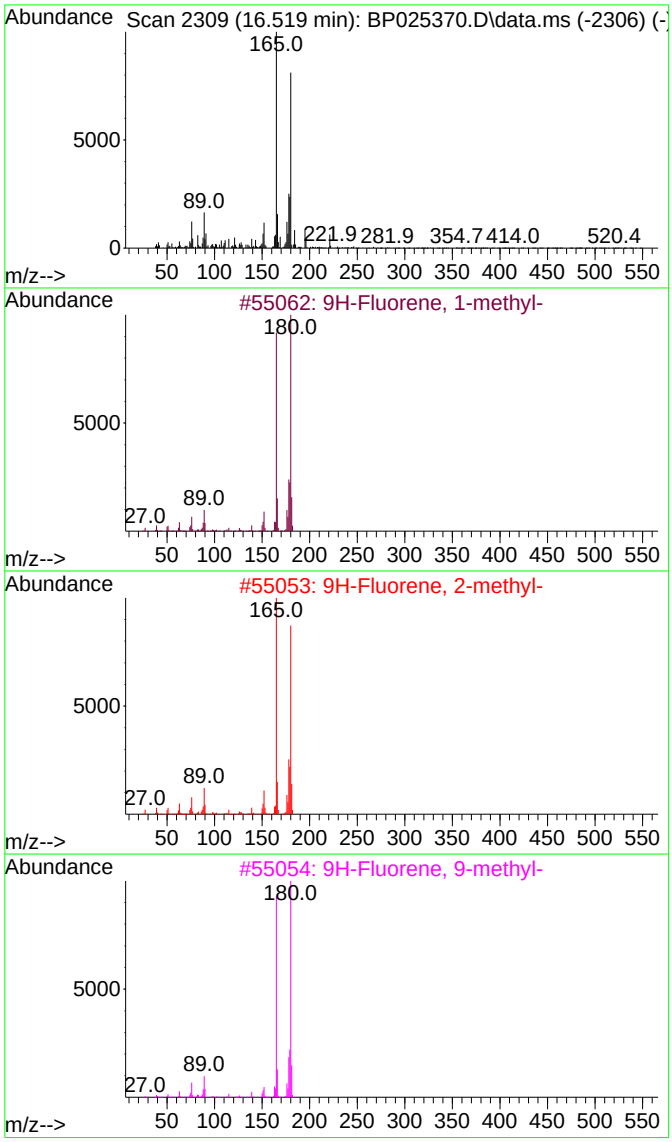
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

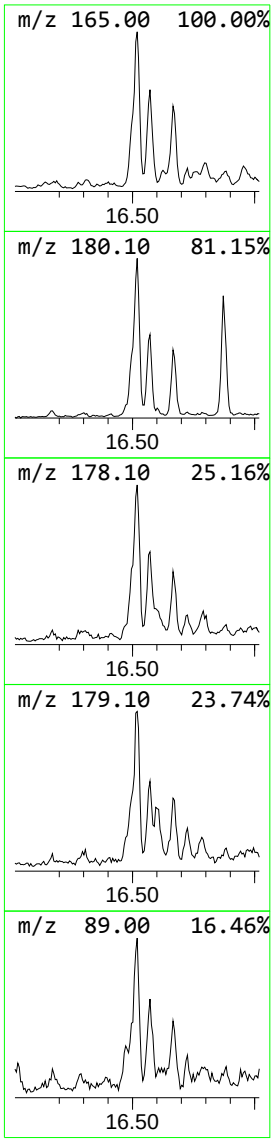
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.519	2.56 ng	336904	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

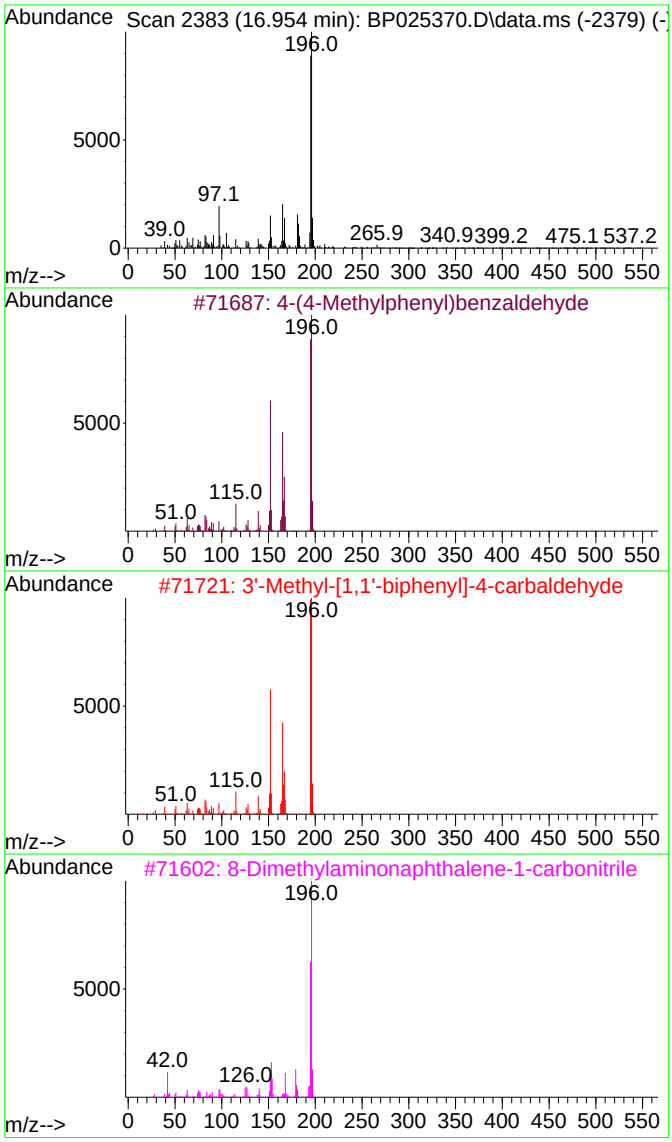
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

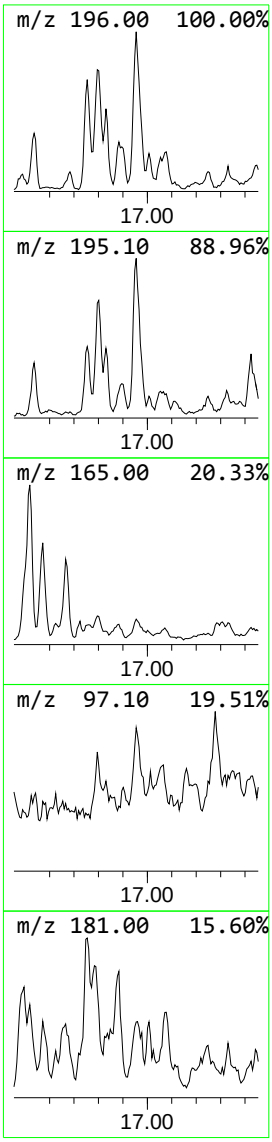
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.954	2.52 ng	331760	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	72
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
5	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

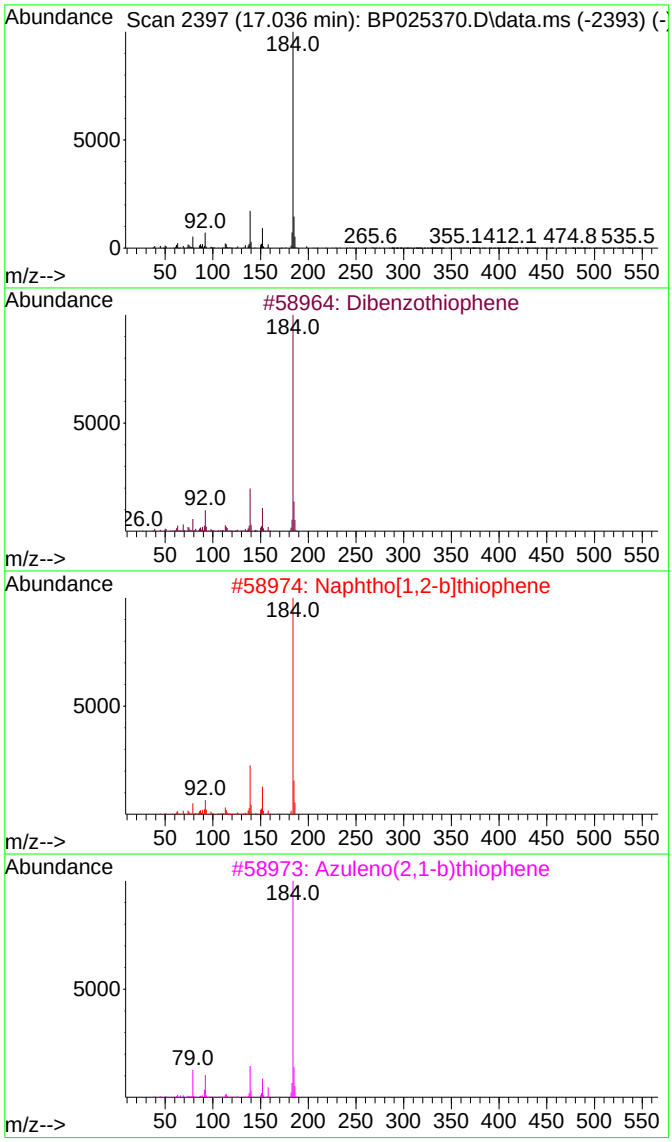
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

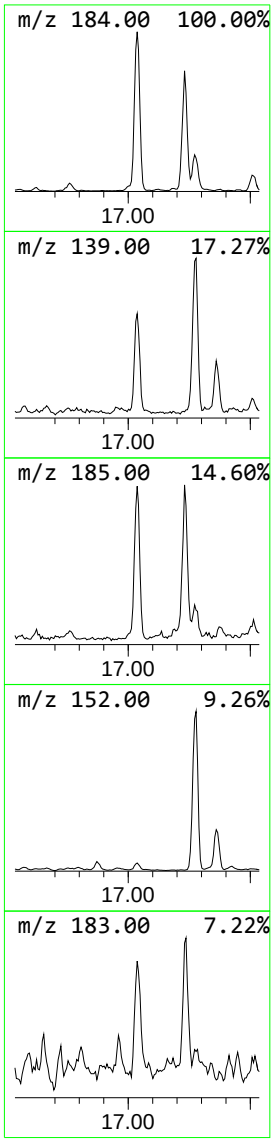
****

Peak Number 5 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.037	6.21 ng	816850	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

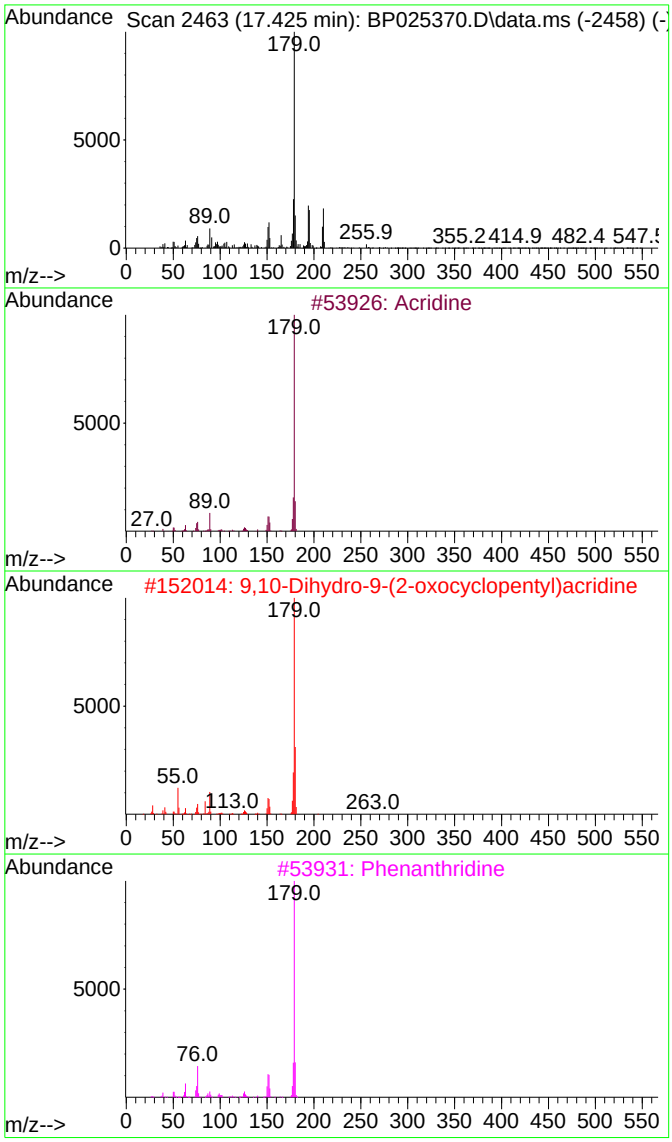
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

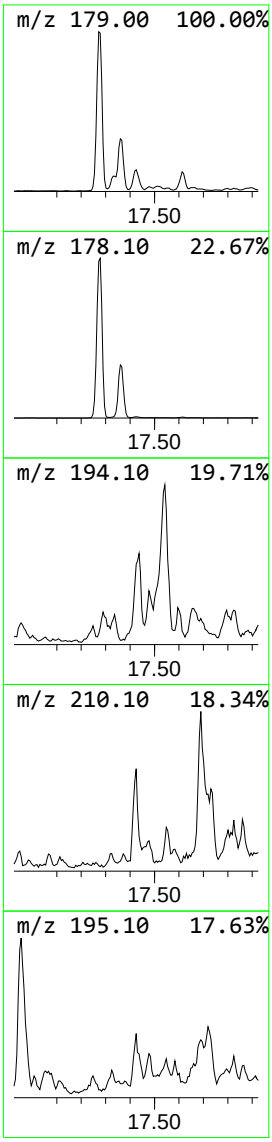
****

Peak Number 6 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.425	2.97 ng	390890	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	9,10-Dihydro-9-(2-oxocyclopentyl...	263	C18H17NO	015539-19-2	83
3	Phenanthridine	179	C13H9N	000229-87-8	78
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	70
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	70





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Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

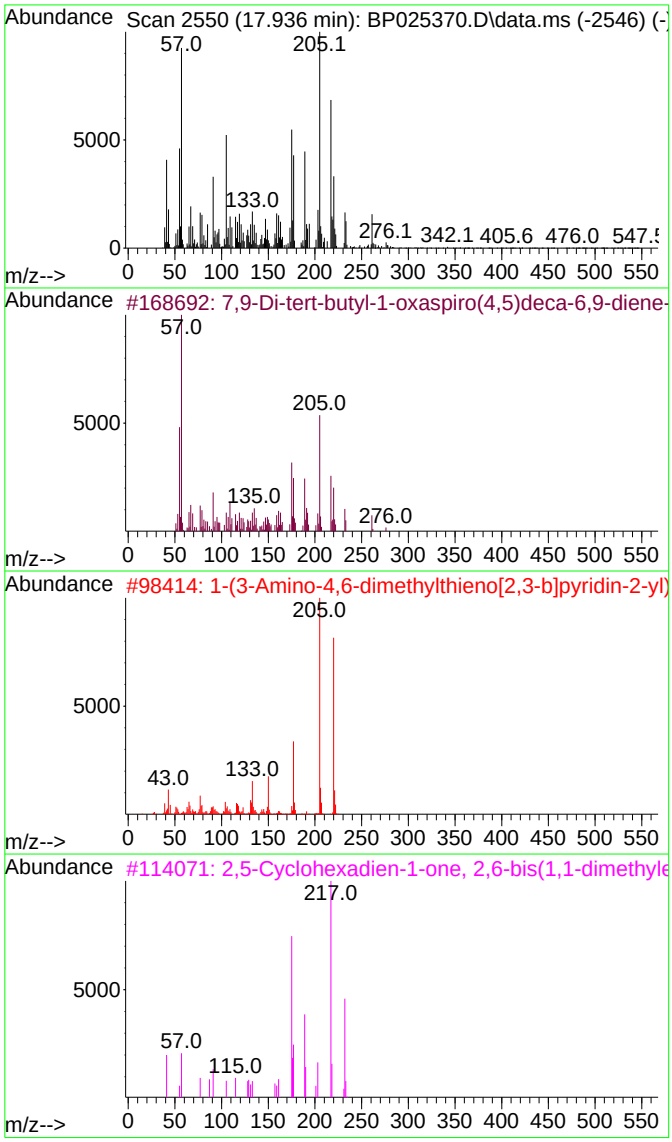
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

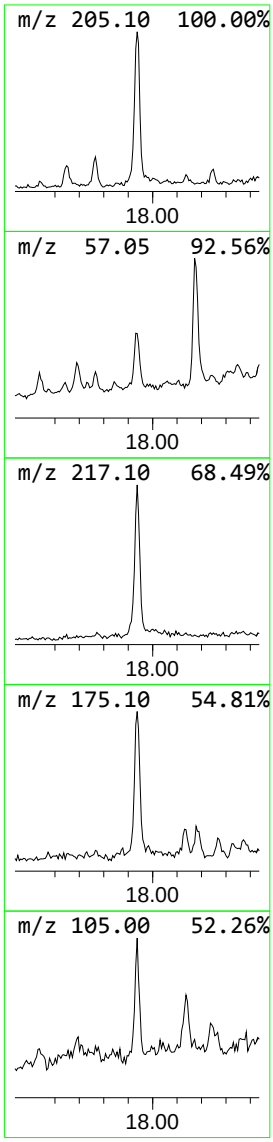
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.936	3.25 ng	427530	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	45
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	30
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	30





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Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

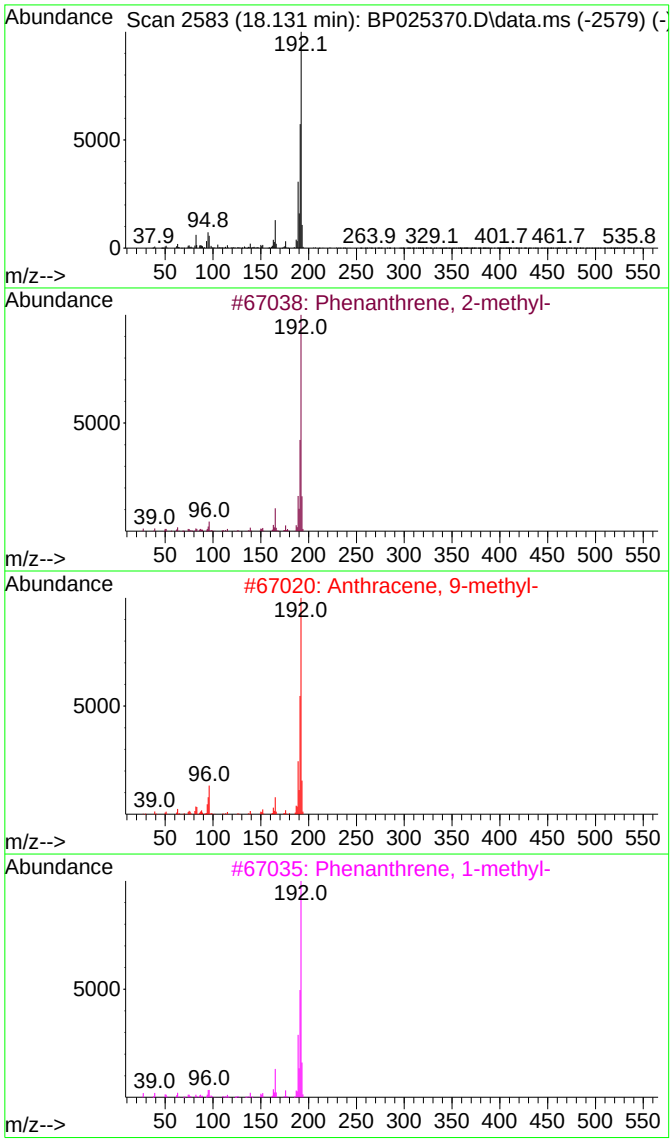
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

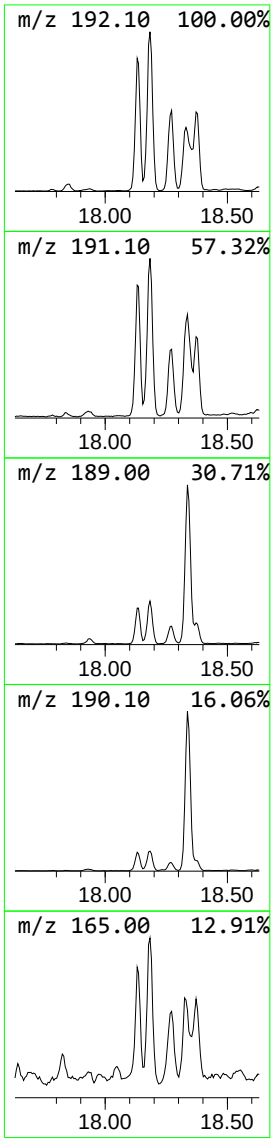
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	8.16 ng	1072330	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81





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Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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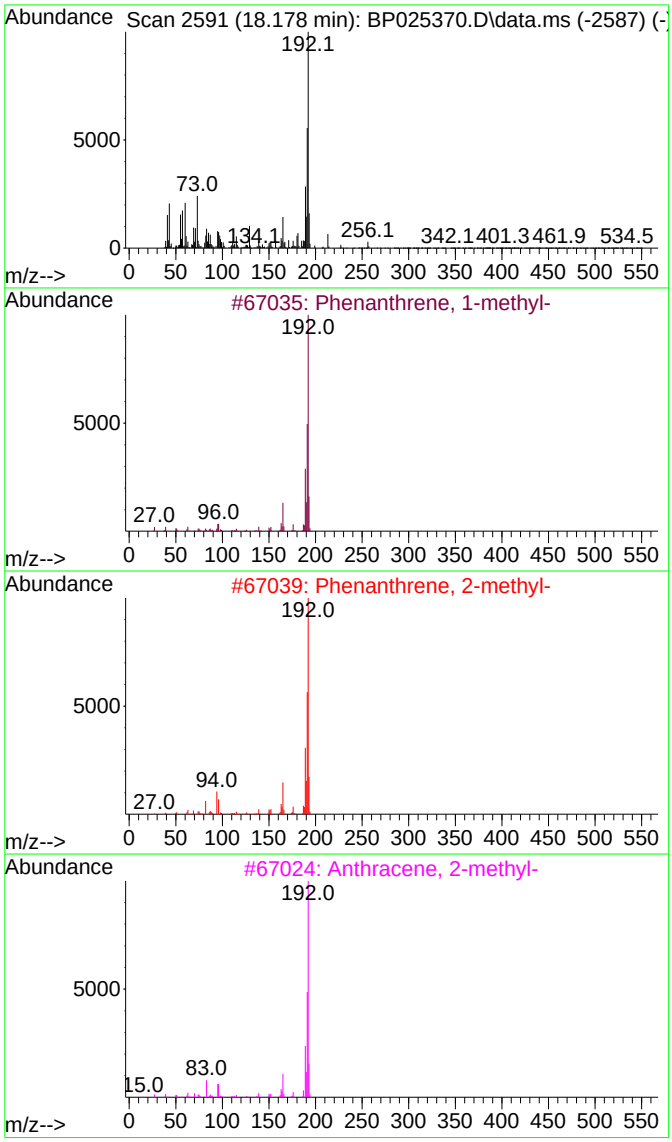
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

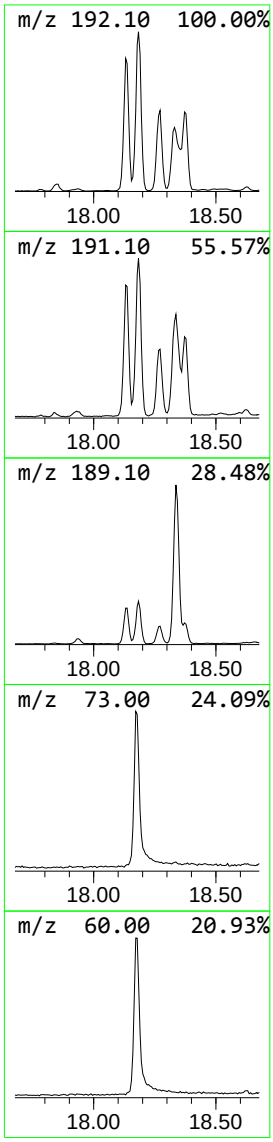
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.178	21.18 ng	2783410	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

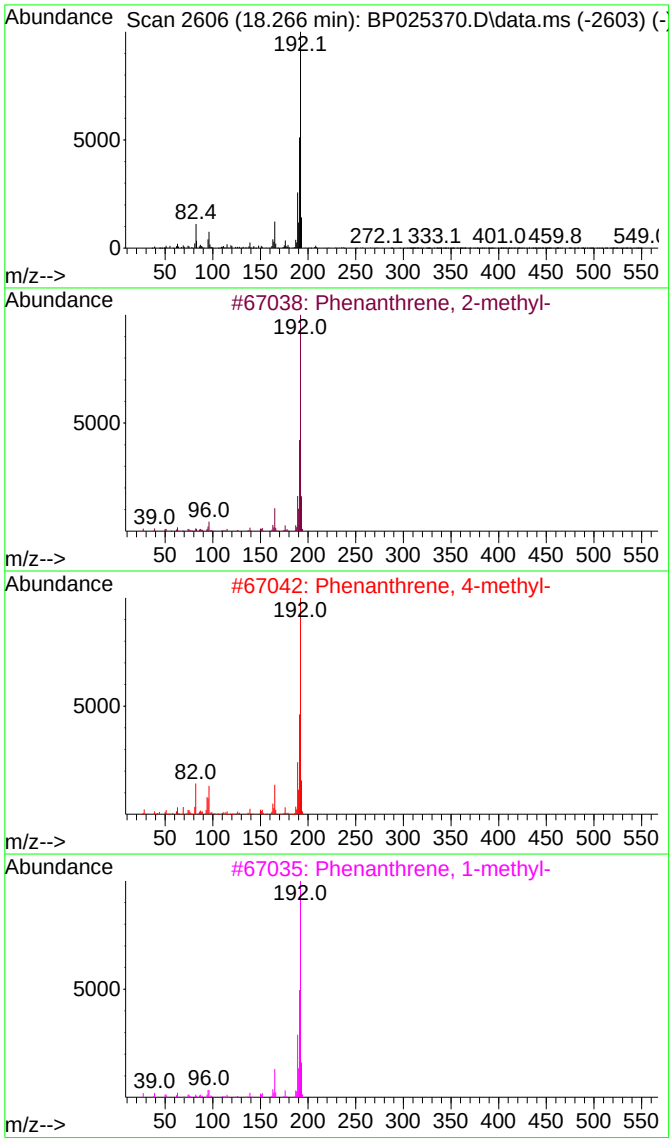
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

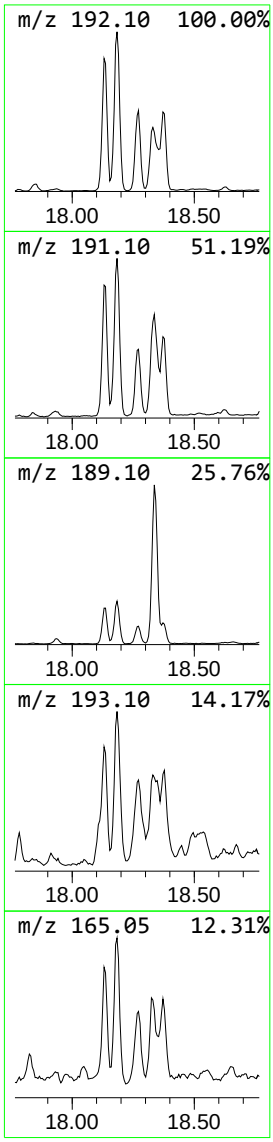
****

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.266	5.14 ng	676226	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

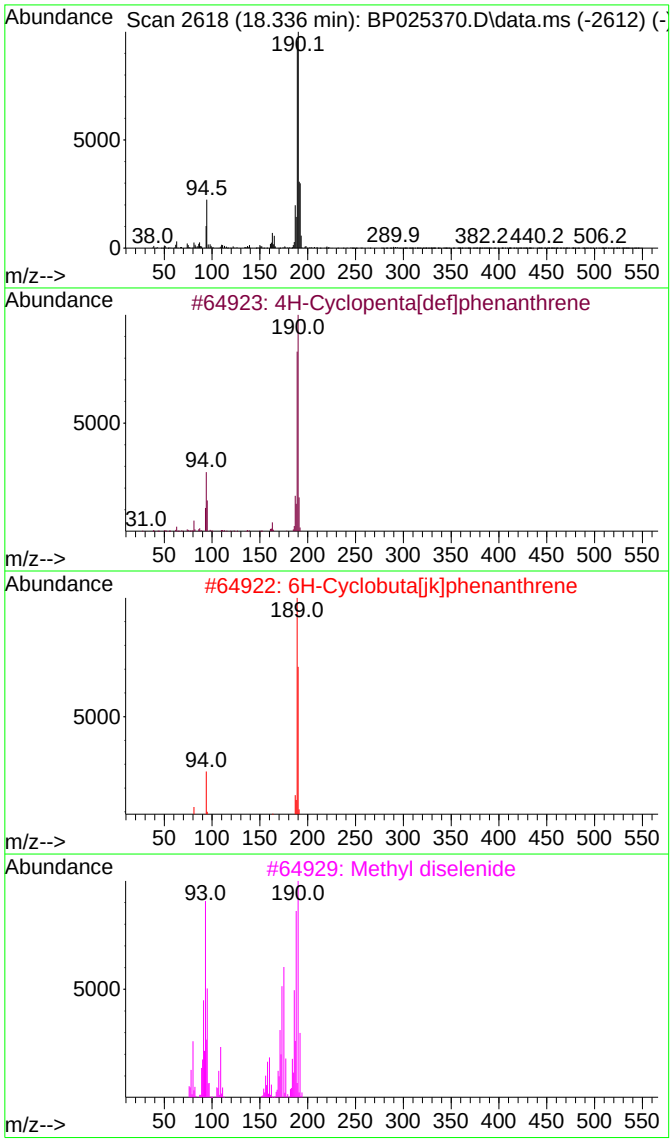
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

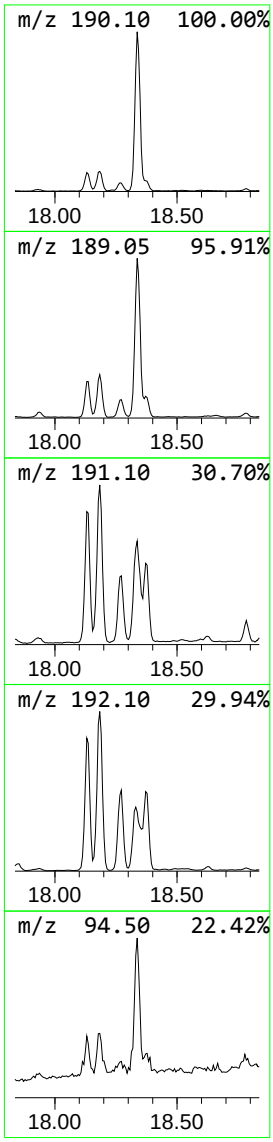
****

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.336	19.80 ng	2602070	Phenanthrene-d10	17.231

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	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

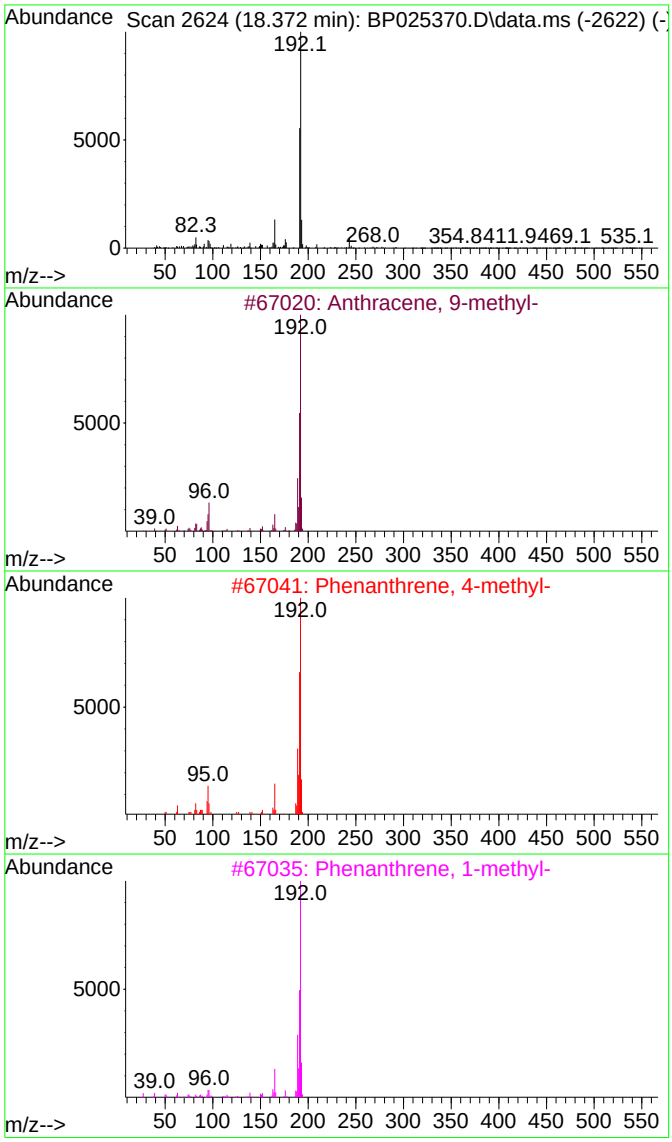
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

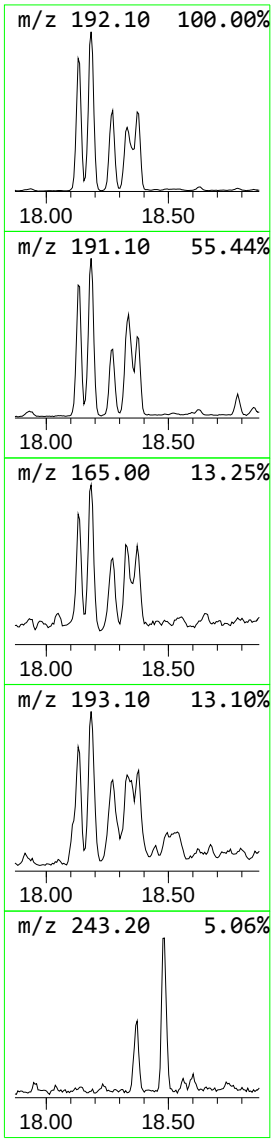
****

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	4.87 ng	640458	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

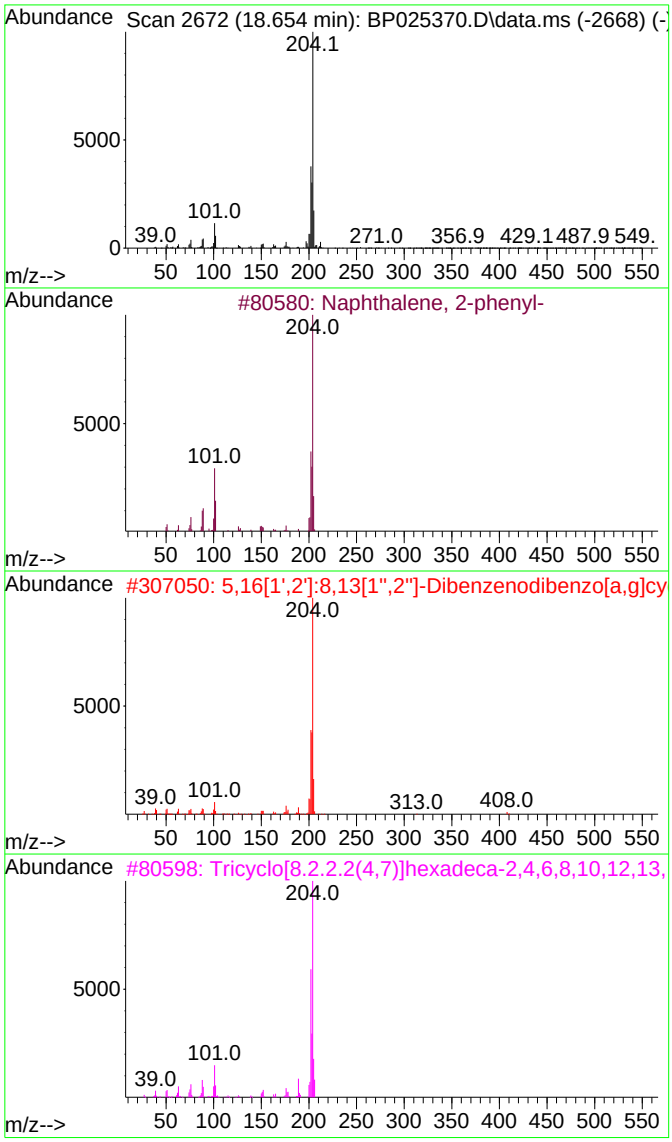
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

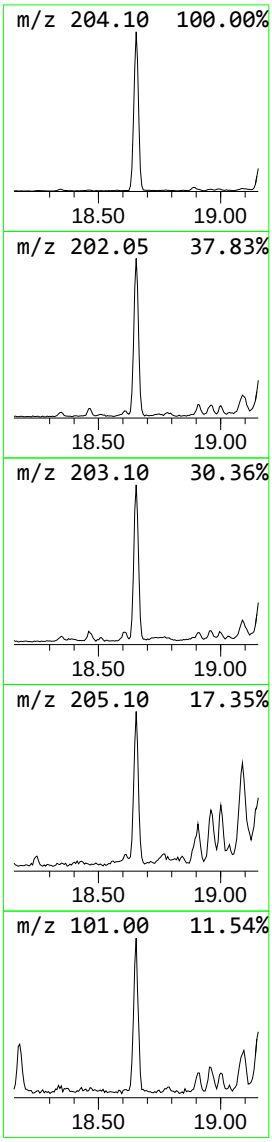
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.654	4.62 ng	606656	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53





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Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

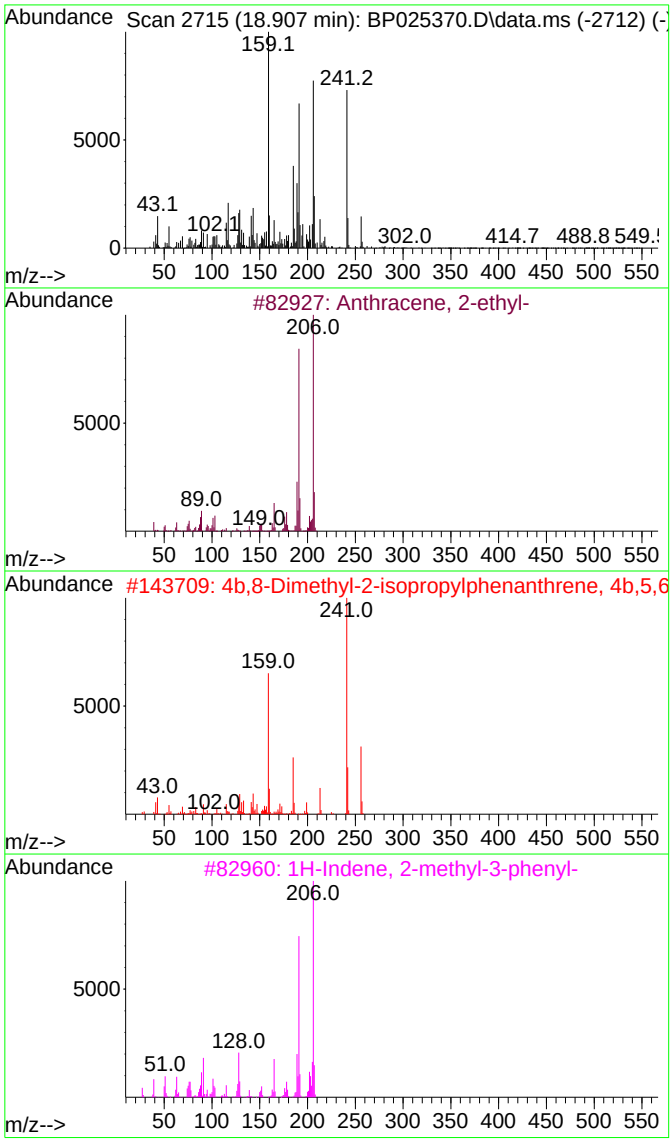
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

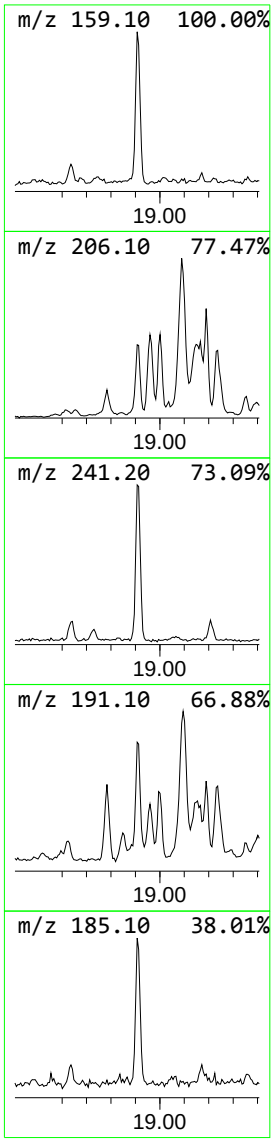
****

Peak Number 14 Anthracene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.907	5.30 ng	696397	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	66
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	66
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	62
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	60





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Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

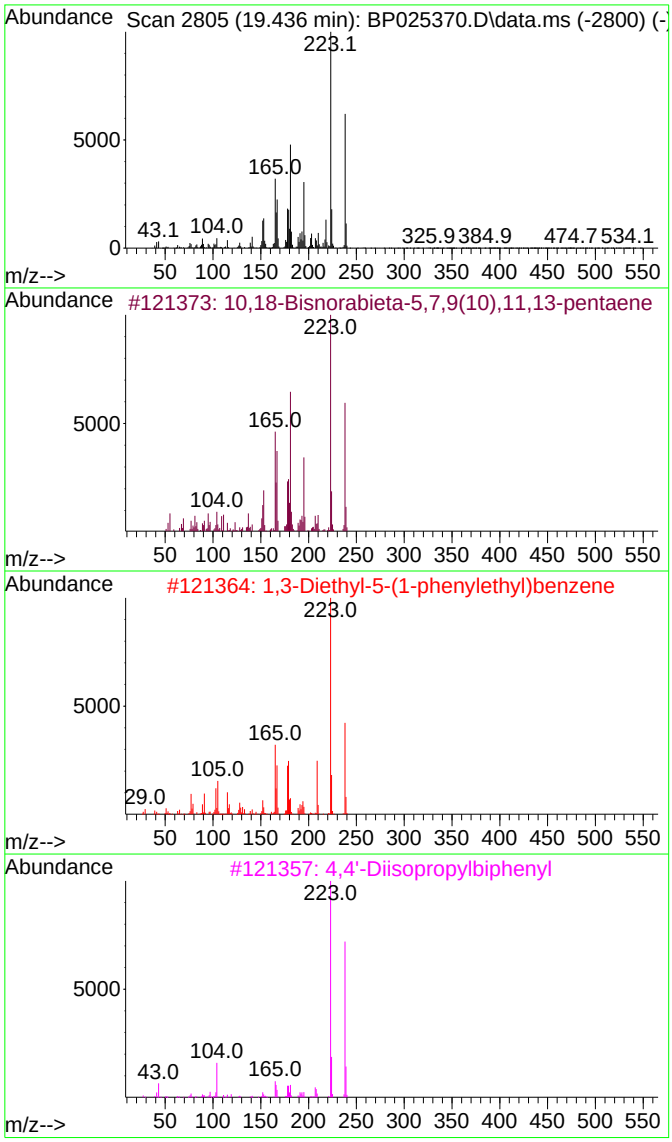
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

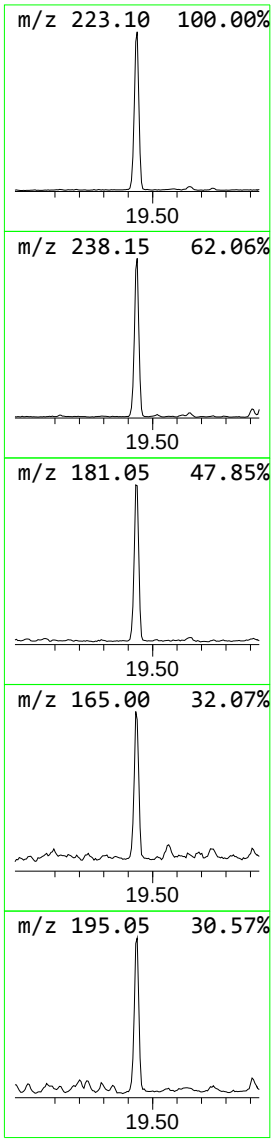
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.436	18.86 ng	2478780	Phenanthrene-d10	17.231

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	76
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	52
5	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	49





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Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

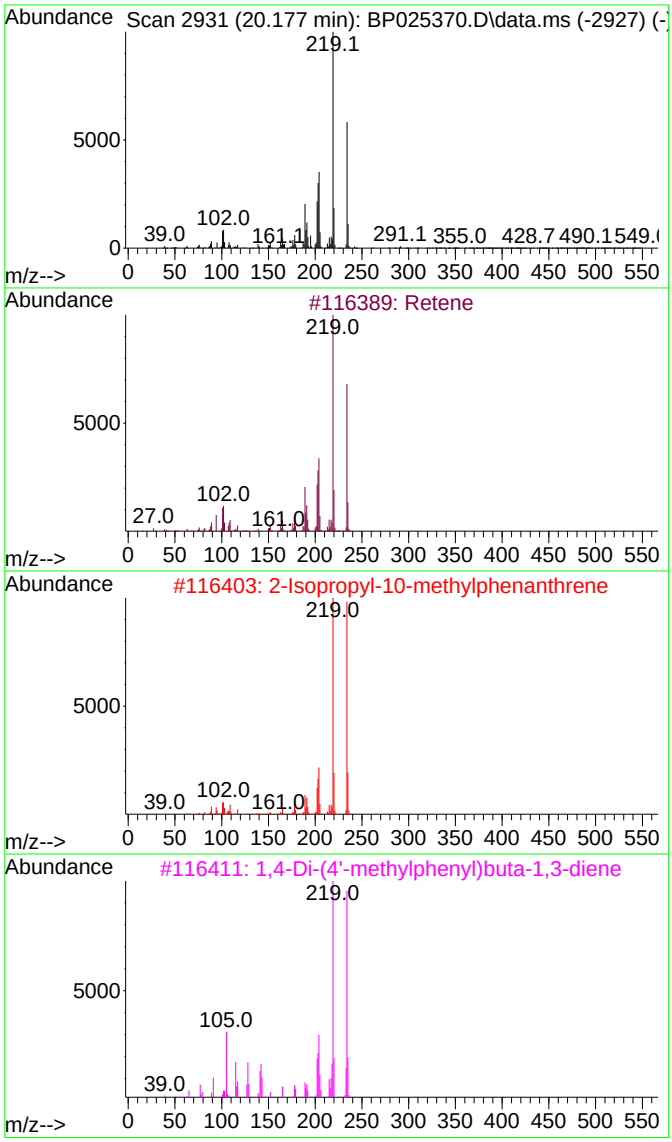
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

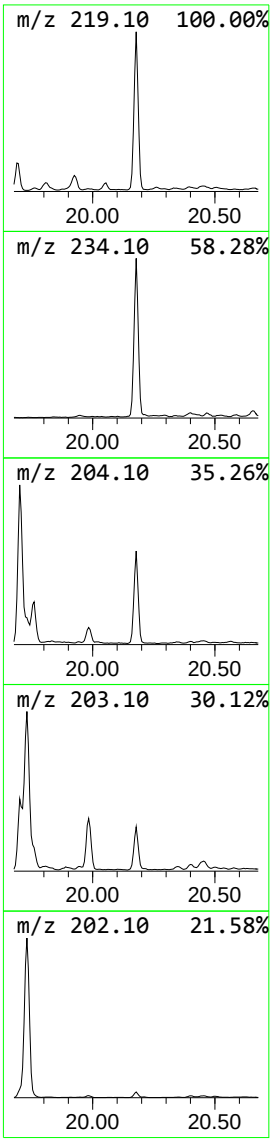
****

Peak Number 16 Retene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.177	5.10 ng	2278680	Chrysene-d12	21.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	72
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	64
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53





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Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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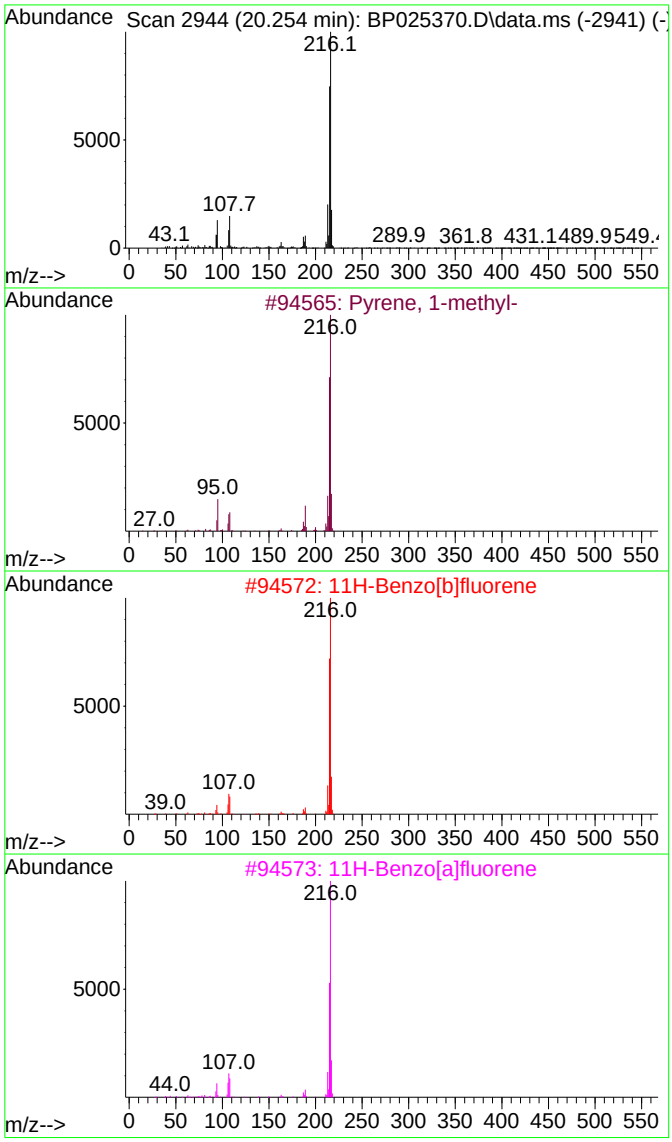
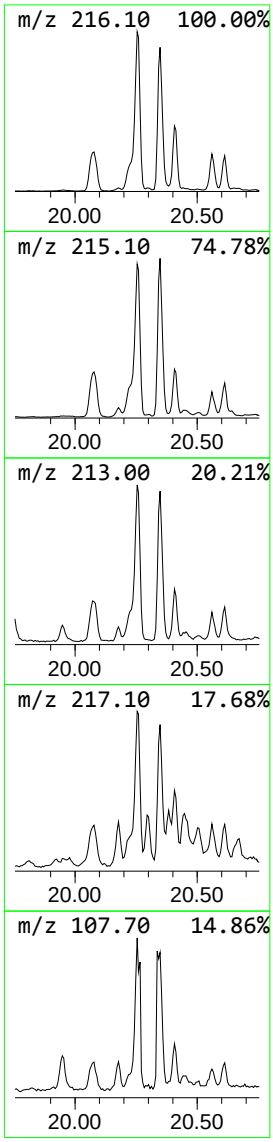
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.254	4.20 ng	1878930	Chrysene-d12	21.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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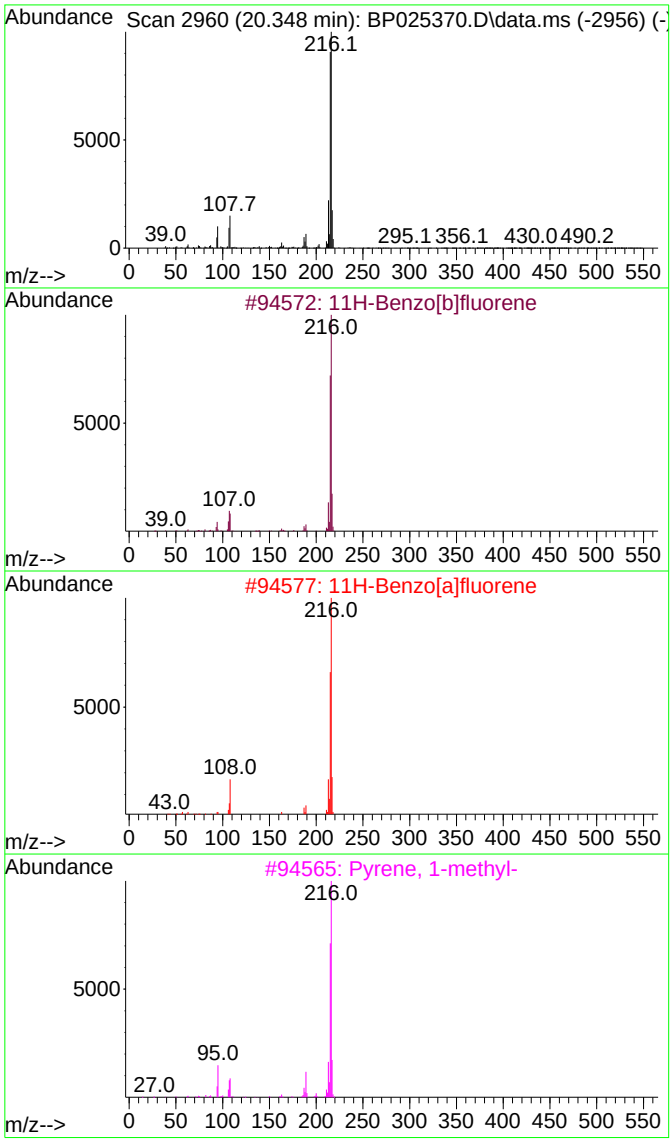
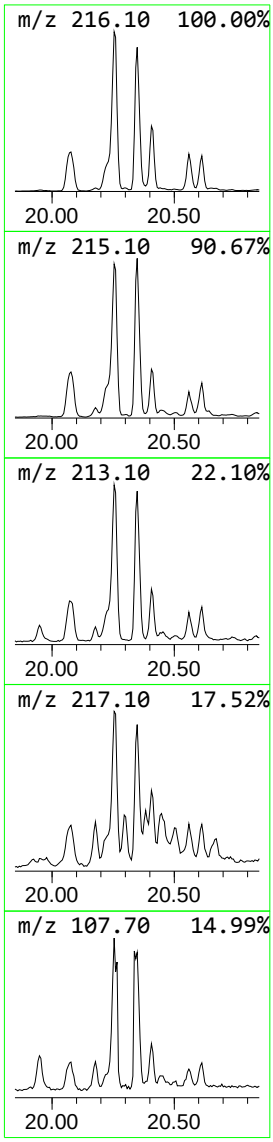
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.348	4.77 ng	2134520	Chrysene-d12	21.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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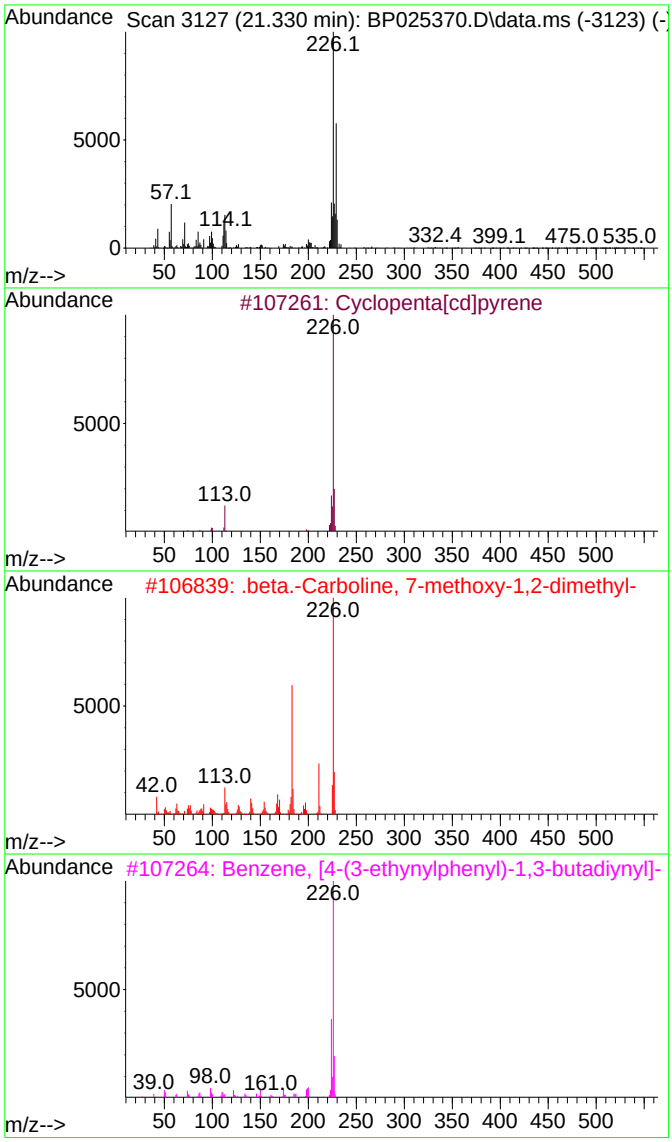
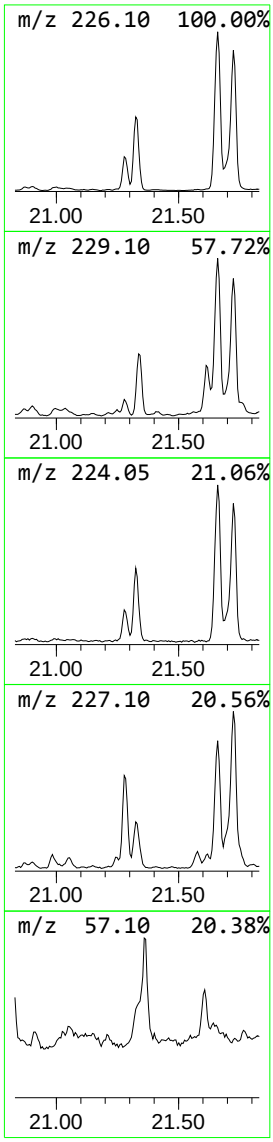
Peak Number 19 unknown21.330 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.330	2.77 ng	1236530	Chrysene-d12	21.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
5	Diheptylisobutylamine	269	C18H39N	1000310-32-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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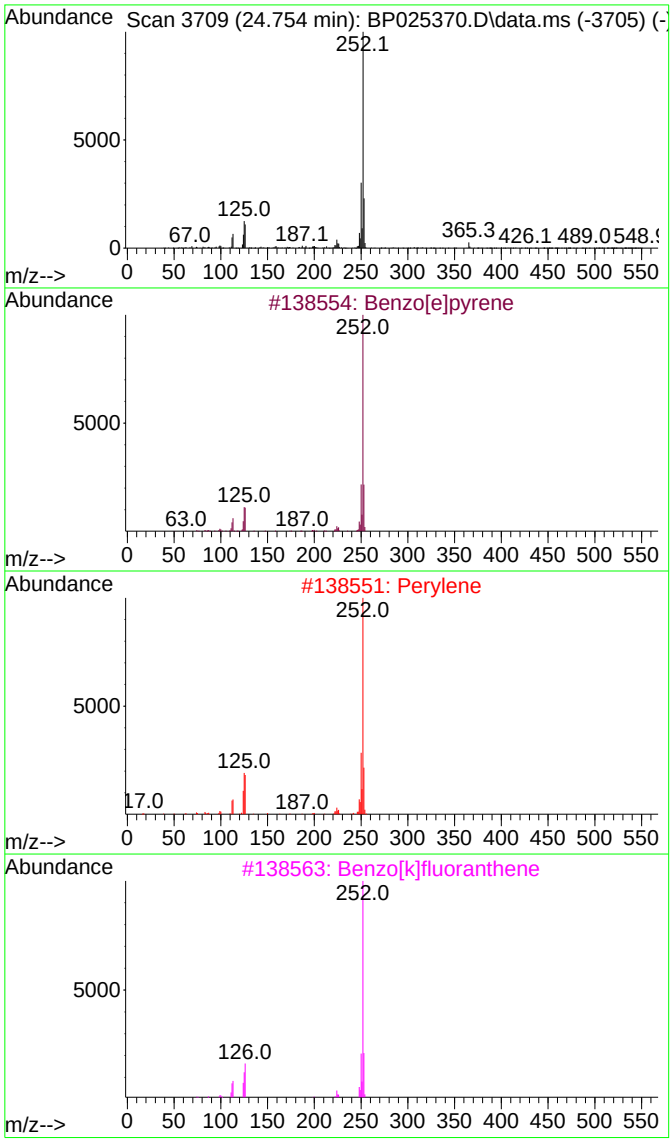
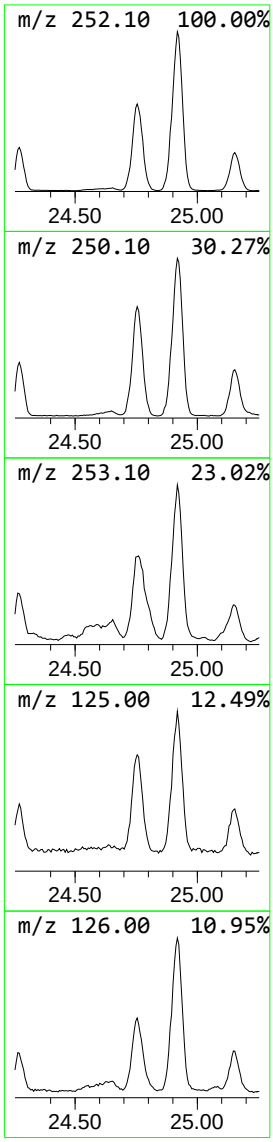
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.754	20.77 ng	2665950	Perylene-d12	25.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025370.D
Acq On : 12 Aug 2025 17:19
Operator : CG/JU
Sample : Q2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Butane, 2-metho...	3.055	9.5	ng	712319	1	7.802	1505390	20.0
Benzophenone	15.801	6.5	ng	886227	3	14.425	2738920	20.0
9H-Fluorene, 1-...	16.519	2.6	ng	336904	4	17.231	2628850	20.0
4-(4-Methylphen...	16.954	2.5	ng	331760	4	17.231	2628850	20.0
Dibenzothiophene	17.037	6.2	ng	816850	4	17.231	2628850	20.0
Acridine	17.425	3.0	ng	390890	4	17.231	2628850	20.0
7,9-Di-tert-but...	17.936	3.3	ng	427530	4	17.231	2628850	20.0
Phenanthrene, 2...	18.131	8.2	ng	1072330	4	17.231	2628850	20.0
Phenanthrene, 1...	18.178	21.2	ng	2783410	4	17.231	2628850	20.0
Phenanthrene, 4...	18.266	5.1	ng	676226	4	17.231	2628850	20.0
4H-Cyclopenta[d...	18.336	19.8	ng	2602070	4	17.231	2628850	20.0
Anthracene, 9-m...	18.372	4.9	ng	640458	4	17.231	2628850	20.0
Naphthalene, 2-...	18.654	4.6	ng	606656	4	17.231	2628850	20.0
Anthracene, 2-e...	18.907	5.3	ng	696397	4	17.231	2628850	20.0
10,18-Bisnorabi...	19.436	18.9	ng	2478780	4	17.231	2628850	20.0
Retene	20.177	5.1	ng	2278680	5	21.677	8943160	20.0
Pyrene, 1-methyl-	20.254	4.2	ng	1878930	5	21.677	8943160	20.0
11H-Benzo[b]flu...	20.348	4.8	ng	2134520	5	21.677	8943160	20.0
unknown21.330	21.330	2.8	ng	1236530	5	21.677	8943160	20.0
Benzo[e]pyrene	24.754	20.8	ng	2665950	6	25.077	2567570	20.0