LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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: BP025339.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	14	rVB	120335	215513	1.82%	0.142%
2	3.049	14	19	35	rVB	367257	515034	4.36%	0.340%
3	5.408	413	420	429	rVB	746323	1139299	9.64%	0.752%
4	6.960	678	684	693	rBV	768985	1176263	9.95%	0.776%
5	7.802	820	827	834	rBV	1498863	2494662	21.10%	1.647%
6	8.937	1005	1020	1028	rBV	517117	868411	7.35%	0.573%
7	10.578	1290	1299	1304	rBV	2153003	3741345	31.64%	2.470%
8	10.625	1304	1307	1316	rVB	431542	670684	5.67%	0.443%
9	12.231	1572	1580	1587	rVB	687961	1065493	9.01%	0.703%
10	12.448	1611	1617	1622	rBV	508098	815393	6.90%	0.538%
11	13.031	1710	1716	1727	rVB	1367529	2067706	17.49%	1.365%
12	13.248	1747	1753	1760	rVB2	185408	325707	2.75%	0.215%
13	13.578	1803	1809	1811	rBV	287605	501189	4.24%	0.331%
14	13.737	1826	1836	1841	rBV	586638	1071248	9.06%	0.707%
15	13.795	1841	1846	1853	rVV	416971	642536	5.43%	0.424%
16	13.978	1871	1877	1880	rVV	296553	500798	4.24%	0.331%
17	14.142	1898	1905	1911	rBV	584442	893681	7.56%	0.590%
18	14.425	1944	1953	1958	rVV	2862034	4741570	40.10%	3.130%
19	14.484	1958	1963	1970	rVV	847847	1288095	10.89%	0.850%
20	14.637	1984	1989	1998	rVV3	129037	290121	2.45%	0.192%
21	14.825	2012	2021	2028	rVV2	893437	1592401	13.47%	1.051%
22	14.907	2029	2035	2041	rVV	259533	418186	3.54%	0.276%
23	15.048	2052	2059	2064	rBV	251700	475059	4.02%	0.314%
24	15.101	2064	2068	2074	rVB	238280	339215	2.87%	0.224%
25	15.219	2081	2088	2091	rBV	205012	411063	3.48%	0.271%
26	15.248	2091	2093	2098	rVV	156879	213987	1.81%	0.141%
27	15.484	2126	2133	2138	rBV	1601821	2389536	20.21%	1.577%
28	15.601	2150	2153	2157	rVV	190668	236161	2.00%	0.156%
29	15.636	2157	2159	2165	rVB3	157589	233332	1.97%	0.154%
30	15.695	2165	2169	2173	rBV5	121815	234757	1.99%	0.155%
31	15.784	2179	2184	2194	rVB2	534914	1072413	9.07%	0.708%
32	15.925	2201	2208	2217	rVB2	1149801	2242772	18.97%	1.480%
33	16.019	2217	2224	2234	rVB3	126735	309180	2.62%	0.204%
34	16.178	2244	2251	2254	rBV4	213564	430577	3.64%	0.284%
35	16.207	2254	2256	2262	rVB	160415	203155	1.72%	0.134%
36	16.507	2300	2307	2311	rBV2	405837	716605	6.06%	0.473%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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	16.554	2311	2315	2320	rVB2	274973	386582	3.27%	0.255%
38	16.654	2328	2332	2338	rVB4	221795	371919	3.15%	0.245%
39	16.742	2343	2347	2351	rBV2	202709	293585	2.48%	0.194%
40	16.783	2351	2354	2358	rVB2	185490	232097	1.96%	0.153%
41	16.860	2363	2367	2375	rVV3	220216	429074	3.63%	0.283%
42	16.942	2376	2381	2386	rVV	324783	584482	4.94%	0.386%
43	16.995	2386	2390	2391	rVV	182881	262119	2.22%	0.173%
44	17.019	2391	2394	2406	rVB	533265	997485	8.44%	0.658%
45	17.219	2422	2428	2431	rBV	3036799	4407531	37.28%	2.909%
46	17.260	2431	2435	2441	rVV	8468655	11479512	97.09%	7.577%
47	17.342	2441	2449	2455	rVV	2302787	3429995	29.01%	2.264%
48	17.407	2455	2460	2467	rVB4	222295	456689	3.86%	0.301%
49	17.625	2488	2497	2502	rBV2	509844	980509	8.29%	0.647%
50	17.678	2502	2506	2511	rVV4	139126	292993	2.48%	0.193%
51	17.754	2515	2519	2525	rVV3	276884	431227	3.65%	0.285%
52	17.813	2525	2529	2537	rVB2	210628	339326	2.87%	0.224%
53	17.960	2551	2554	2560	rVB	149368	251490	2.13%	0.166%
54	18.119	2575	2581	2585	rBV	1065597	1702413	14.40%	1.124%
55	18.166	2585	2589	2597	rVB	1626175	2677053	22.64%	1.767%
56	18.254	2597	2604	2609	rBV	793393	1199233	10.14%	0.792%
57	18.319	2609	2615	2620	rBV2	1696157	3296517	27.88%	2.176%
58	18.360	2620	2622	2629	rVB	778227	959640	8.12%	0.633%
59	18.472	2638	2641	2646	rVB2	196458	269002	2.28%	0.178%
60	18.642	2665	2670	2673	rBV	642219	917611	7.76%	0.606%
61	18.672	2673	2675	2681	rVB3	196123	255049	2.16%	0.168%
62	18.889	2709	2712	2717	rVV	239190	319686	2.70%	0.211%
63	18.942	2718	2721	2725	rVV	300059	397216	3.36%	0.262%
64	18.989	2725	2729	2732	rVB	238533	355421	3.01%	0.235%
65	19.072	2737	2743	2748	rBV	718611	1324384	11.20%	0.874%
66	19.136	2749	2754	2758	rBV2	502183	827520	7.00%	0.546%
67	19.213	2763	2767	2775	rVB3	375250	739570	6.26%	0.488%
68	19.342	2783	2789	2796	rBV	8063741	11822981	100.00%	7.804%
69	19.495	2811	2815	2819	rBV	242973	324965	2.75%	0.215%
70	19.589	2826	2831	2837	rBV3	334758	544794	4.61%	0.360%
71	19.683	2842	2847	2848	rBV	1381926	1665368	14.09%	1.099%
72	19.713	2848	2852	2862	rVV	6770147	10167700	86.00%	6.711%
73	19.801	2862	2867	2874	rVB2	309822	805462	6.81%	0.532%
74	19.907	2881	2885	2887	rBV	584922	744197	6.29%	0.491%
75	19.936	2887	2890	2902	rVB2	1402714	2594936	21.95%	1.713%
76	20.066	2904	2912	2916	rBV3	483729	1325155	11.21%	0.875%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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	20.201	2931	2935	2937	rVV3	427694	660600	5.59%	0.436%
78	20.236	2937	2941	2946	rVB	1562636	2083192	17.62%	1.375%
79	20.336	2954	2958	2962	rBV2	1187731	1373601	11.62%	0.907%
80	20.395	2963	2968	2974	rVB2	871781	1242030	10.51%	0.820%
81	20.495	2981	2985	2989	rBV3	178981	349269	2.95%	0.231%
82	20.548	2990	2994	2998	rVV	406117	603477	5.10%	0.398%
83	20.601	2999	3003	3006	rVB2	436249	614444	5.20%	0.406%
84	20.813	3036	3039	3043	rBV3	245689	343562	2.91%	0.227%
85	21.024	3071	3075	3083	rVB	366797	768065	6.50%	0.507%
86	21.219	3106	3108	3113	rVB	342008	424014	3.59%	0.280%
87	21.266	3113	3116	3120	rVB	480487	606048	5.13%	0.400%
88	21.324	3120	3126	3130	rBV2	501004	1153571	9.76%	0.761%
89	21.607	3170	3174	3175	rBV2	144678	217673	1.84%	0.144%
90	21.642	3175	3180	3188	rVV3	3965466	10002253	84.60%	6.602%
91	21.707	3188	3191	3202	rVB	2590290	4456286	37.69%	2.941%
92	21.830	3208	3212	3214	rBV	212362	314775	2.66%	0.208%
93	21.860	3215	3217	3222	rVB	337045	447071	3.78%	0.295%
94	22.083	3251	3255	3259	rBV	440776	696206	5.89%	0.460%
95	22.442	3312	3316	3322	rVB	618279	1013509	8.57%	0.669%
96	23.983	3571	3578	3587	rBV	1566809	5045359	42.67%	3.330%
97	24.254	3620	3624	3632	rVB2	551161	1195963	10.12%	0.789%
98	24.742	3700	3707	3720	rVB	863011	2804922	23.72%	1.851%
99	24.907	3726	3735	3743	rBV	1505356	4260629	36.04%	2.812%
100	25.054	3753	3760	3768	rBV	1309083	3416317	28.90%	2.255%

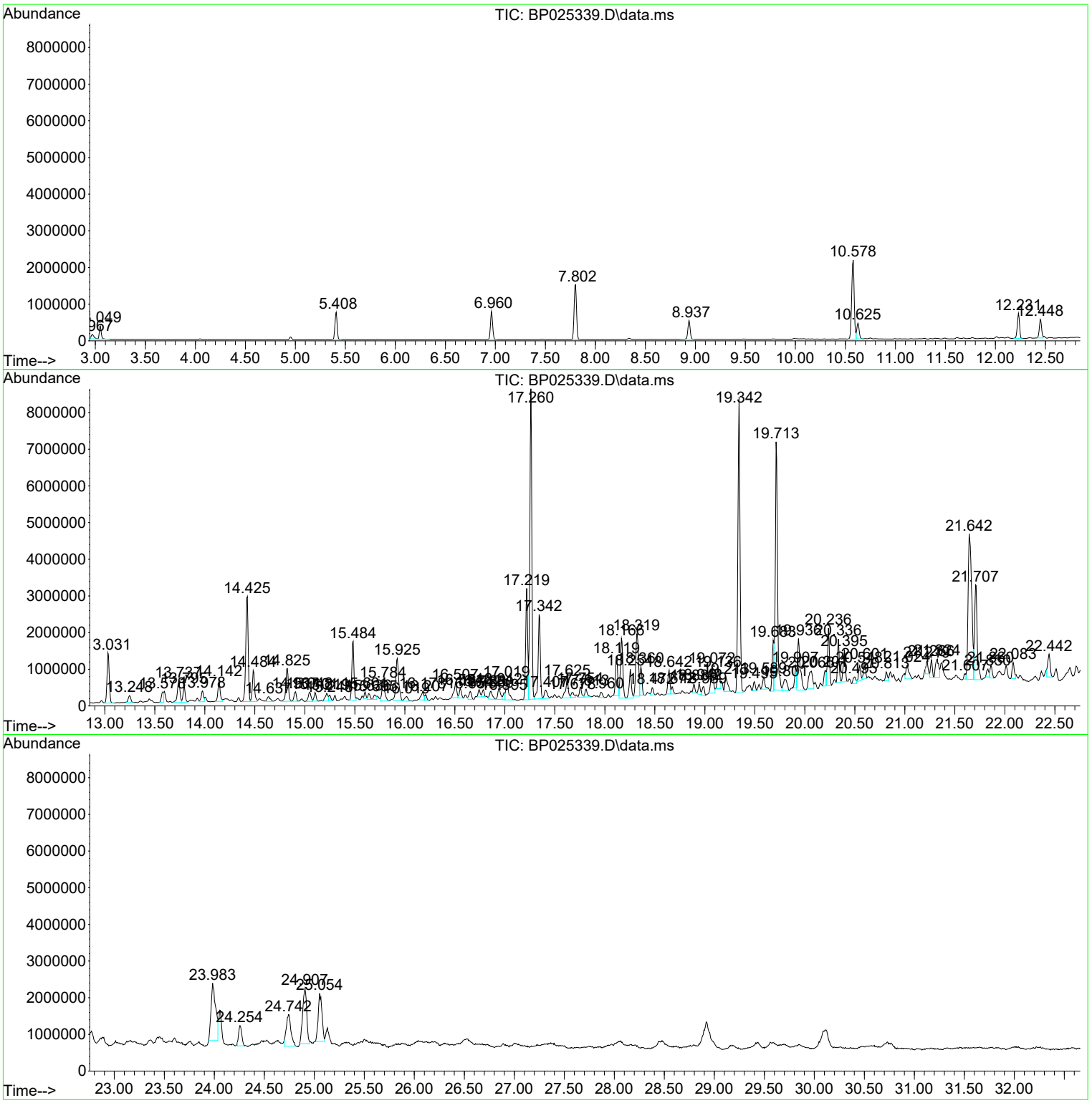
Sum of corrected areas: 151498471

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
TR-04-080725

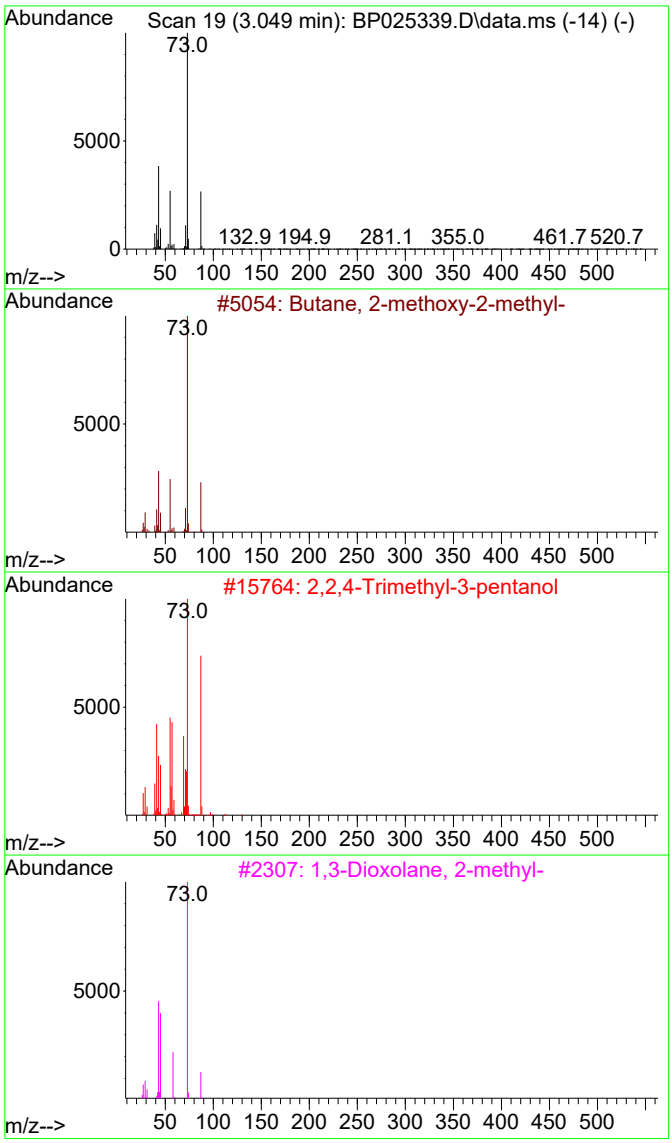
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

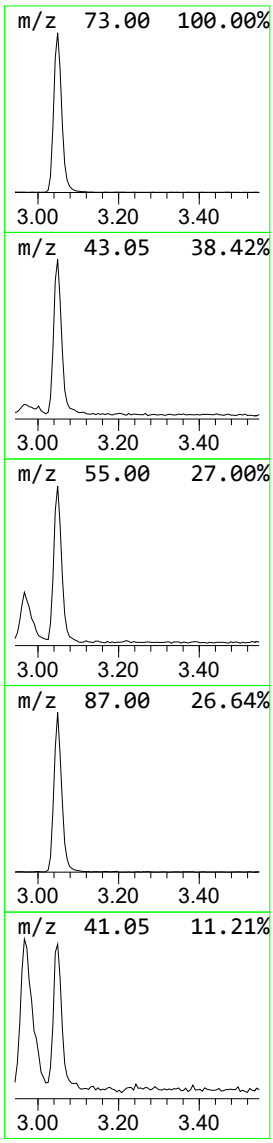
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	4.13 ng	515034	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
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\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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

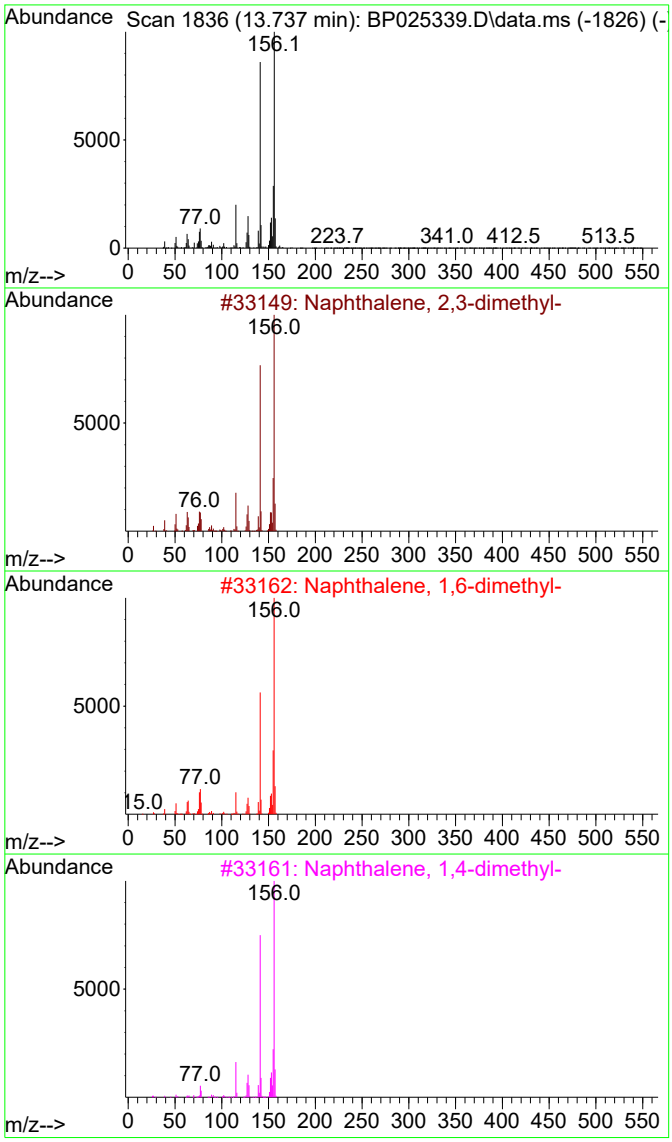
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

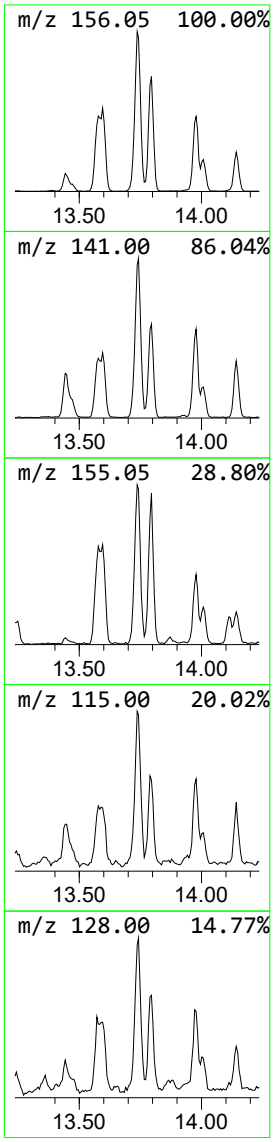
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.737	4.52 ng	1071250	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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

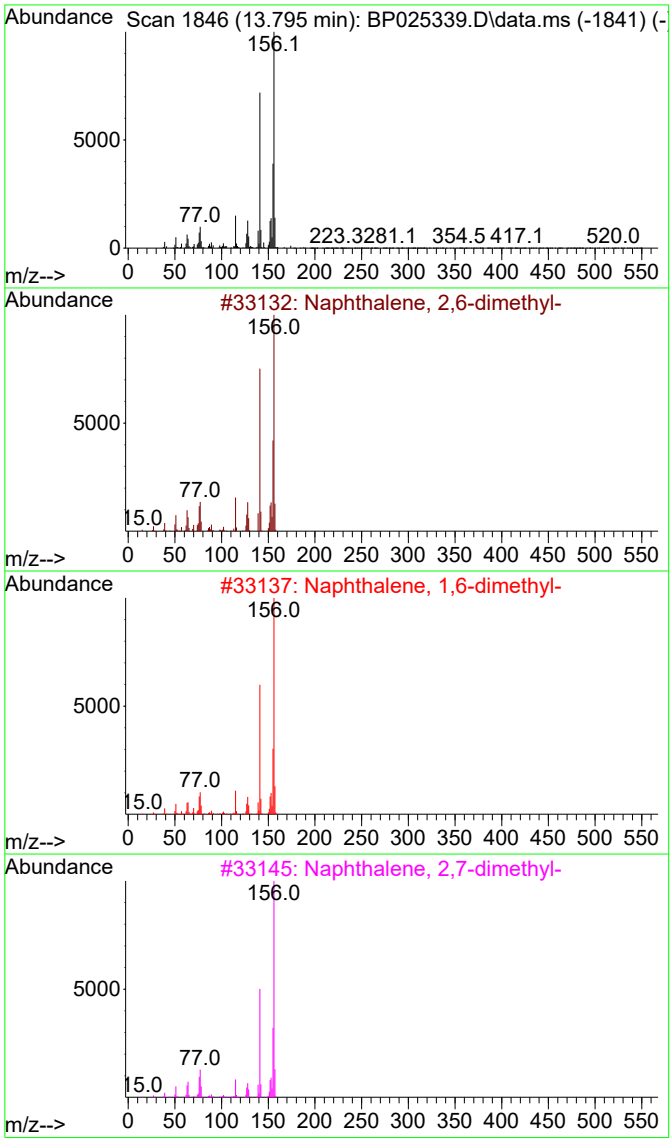
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

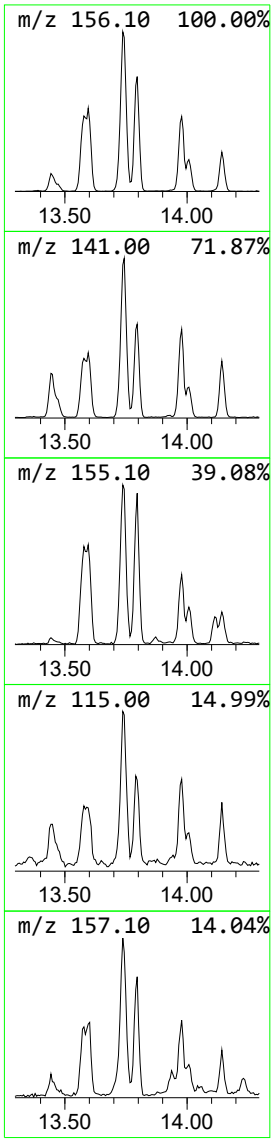
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.795	2.71 ng	642536	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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

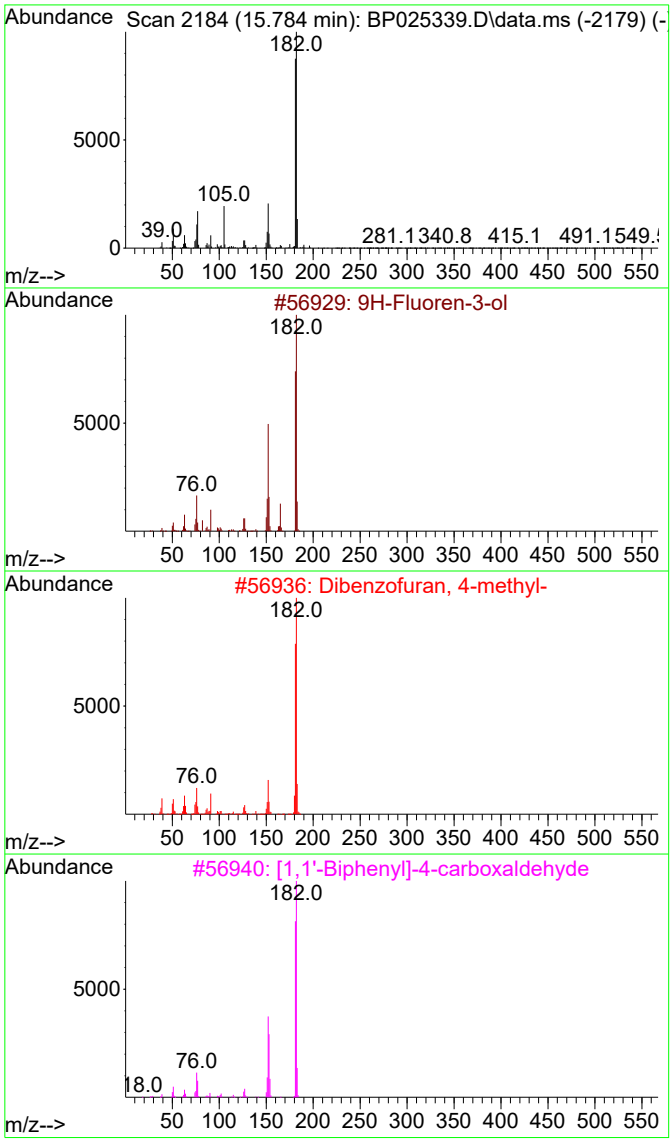
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

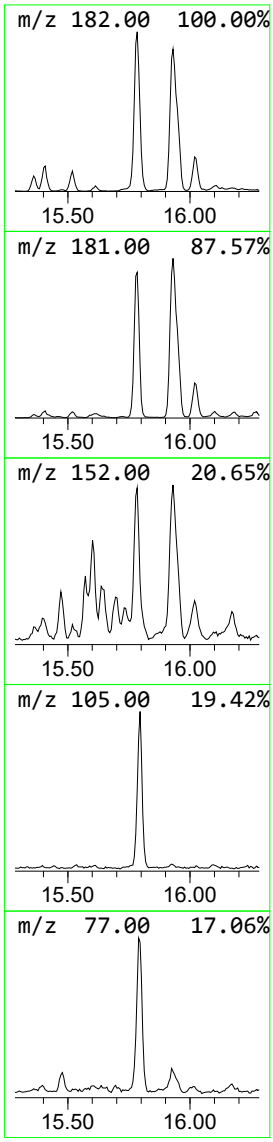
****

Peak Number 4 9H-Fluoren-3-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	4.52 ng	1072410	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	59
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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

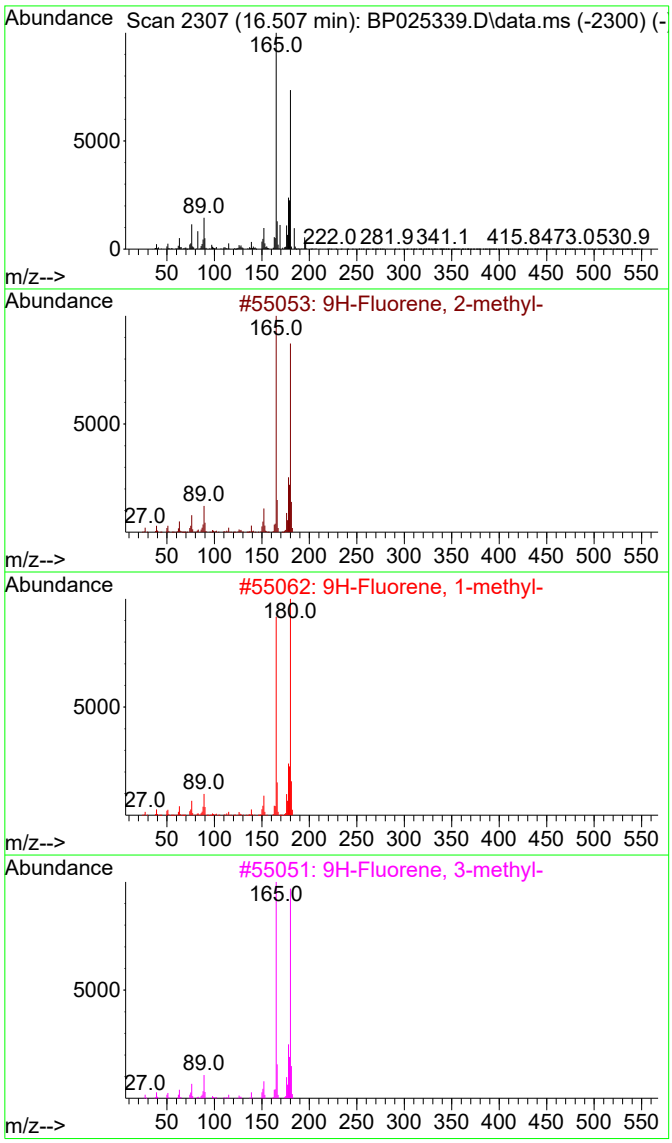
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

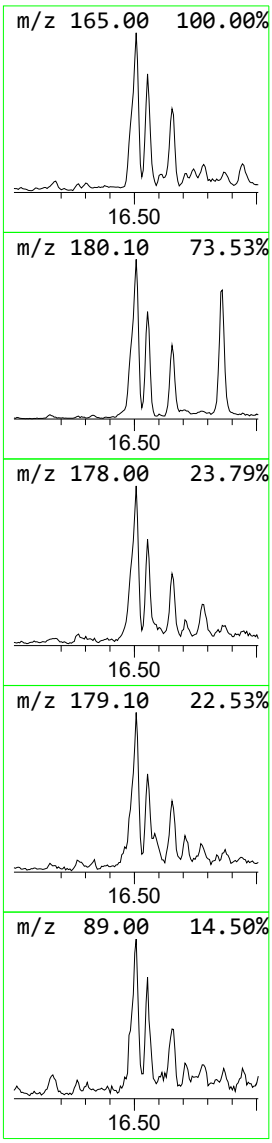
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.507	3.25 ng	716605	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	52





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Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
TR-04-080725

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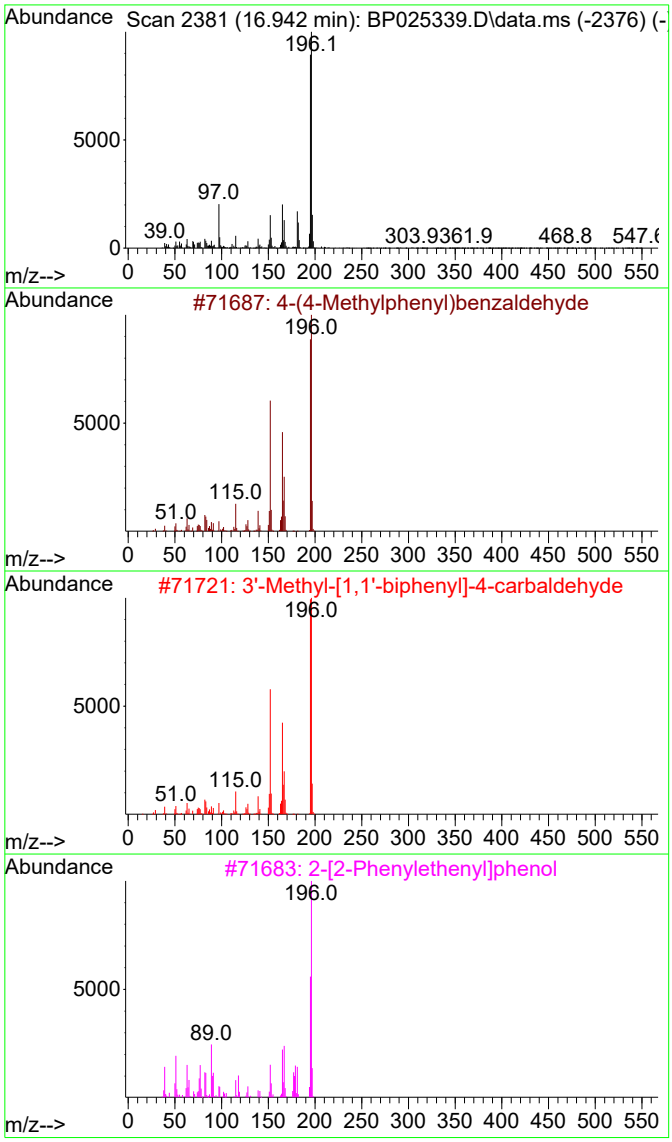
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

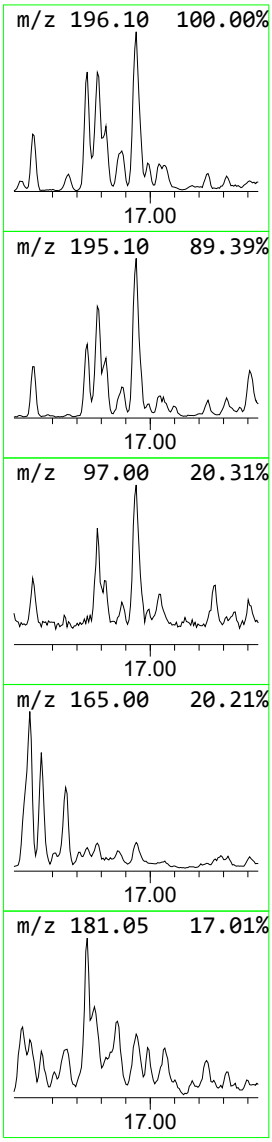
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-(4-Methylphenyl)benzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.942	2.65 ng	584482	Phenanthrene-d10	17.219

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	76
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





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Sample : Q2801-01 5X
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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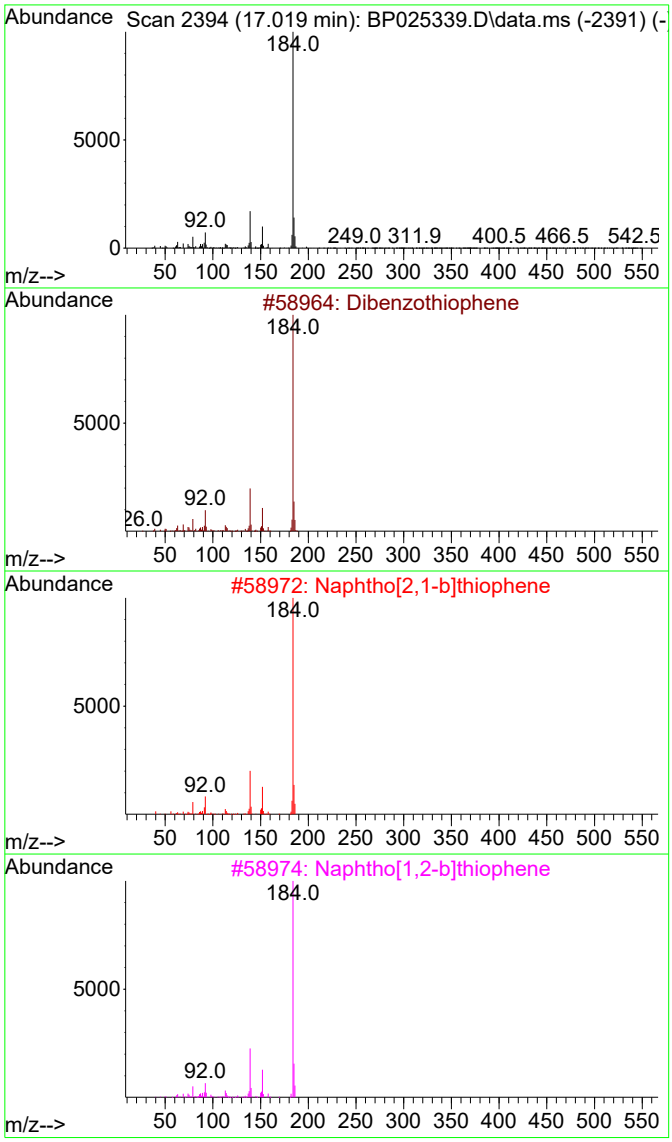
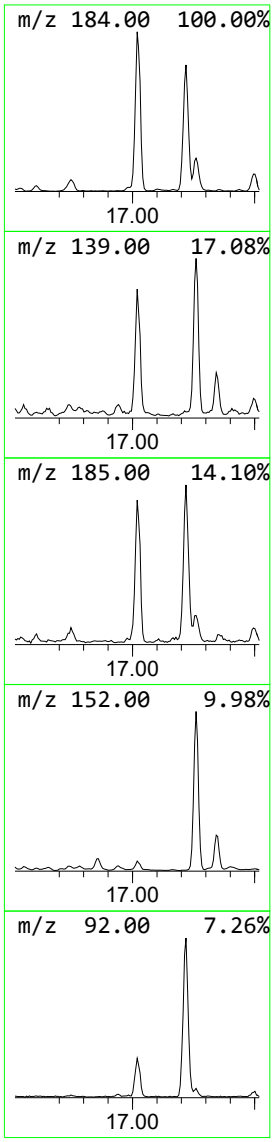
Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.019	4.53 ng	997485	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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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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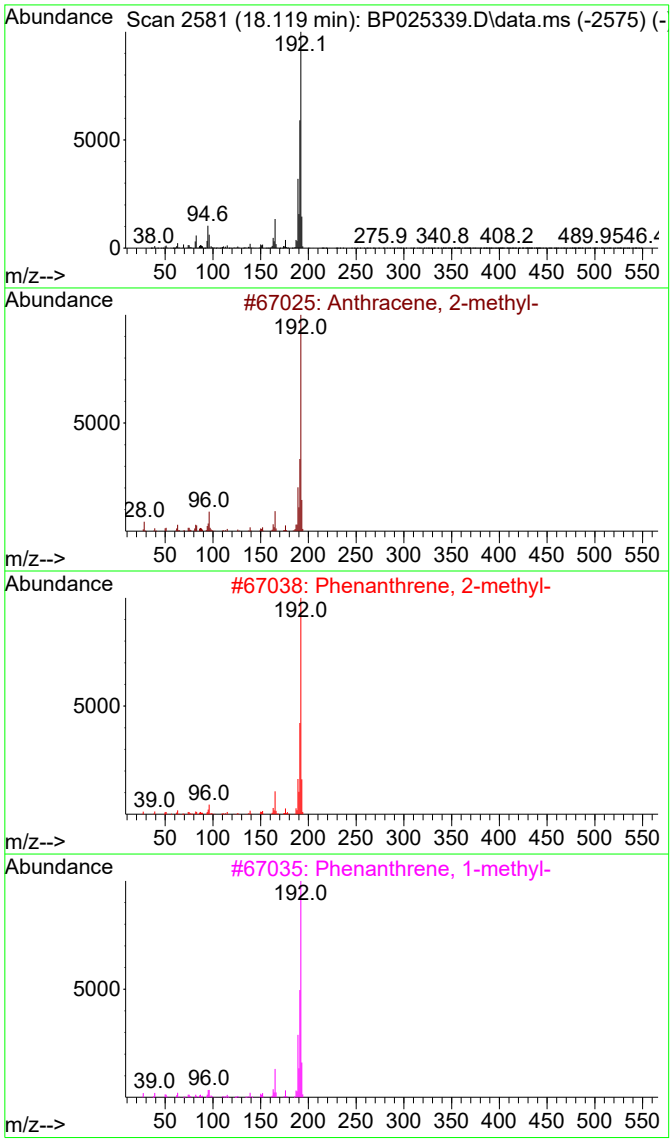
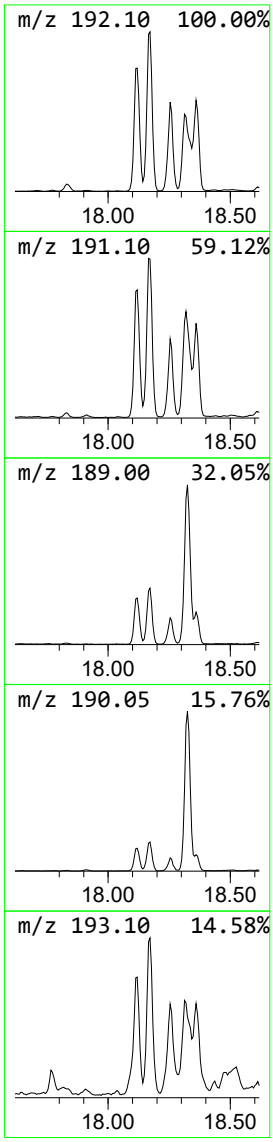
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	7.73 ng	1702410	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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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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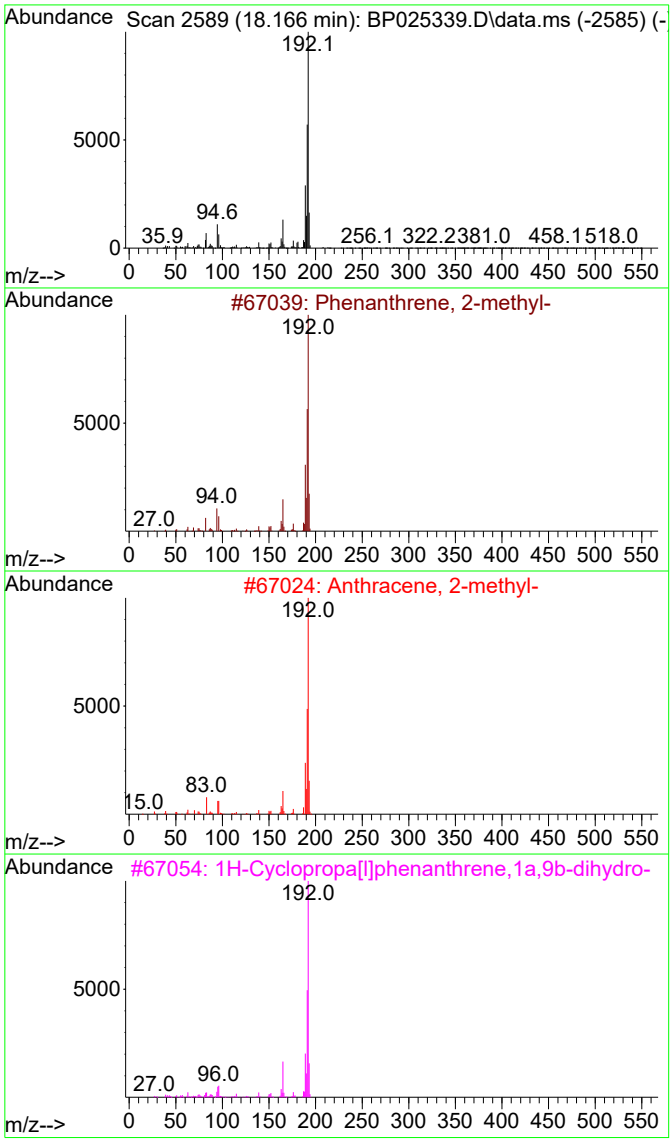
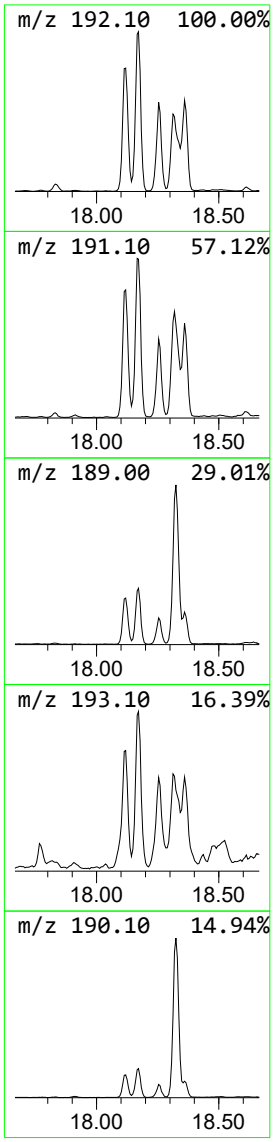
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.166	12.15 ng	2677050	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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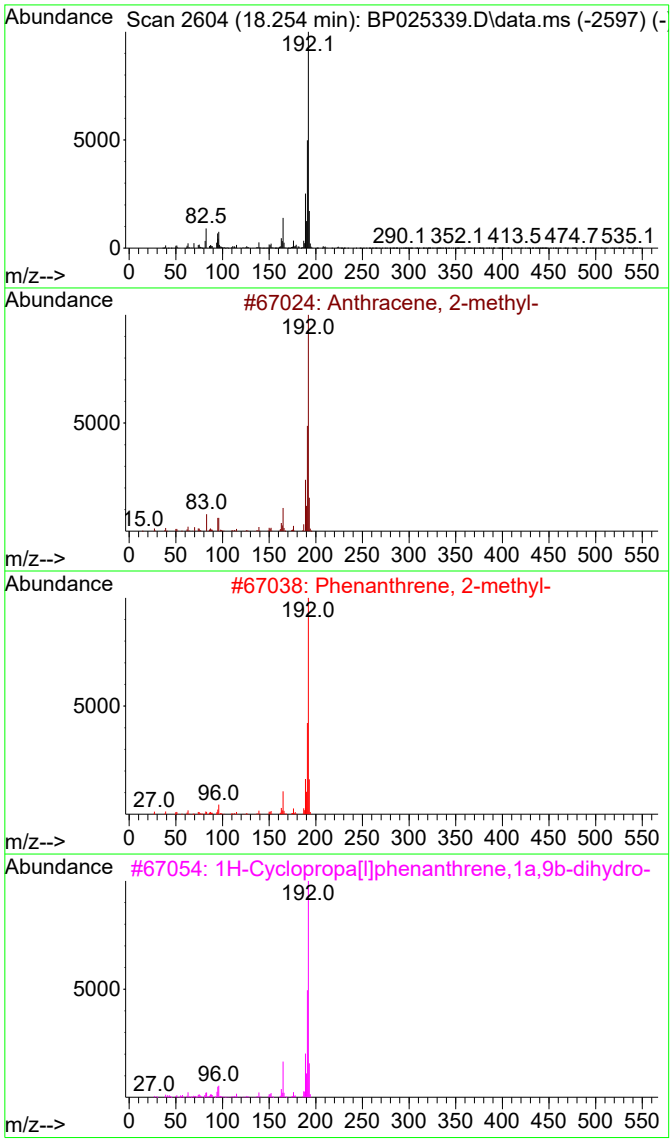
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

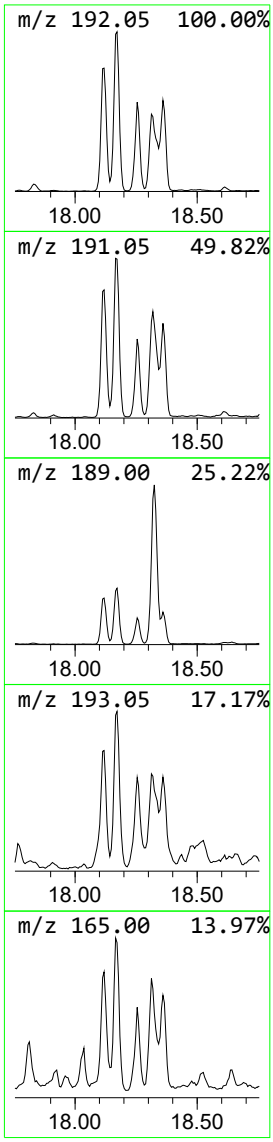
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	5.44 ng	1199230	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : Q2801-01 5X
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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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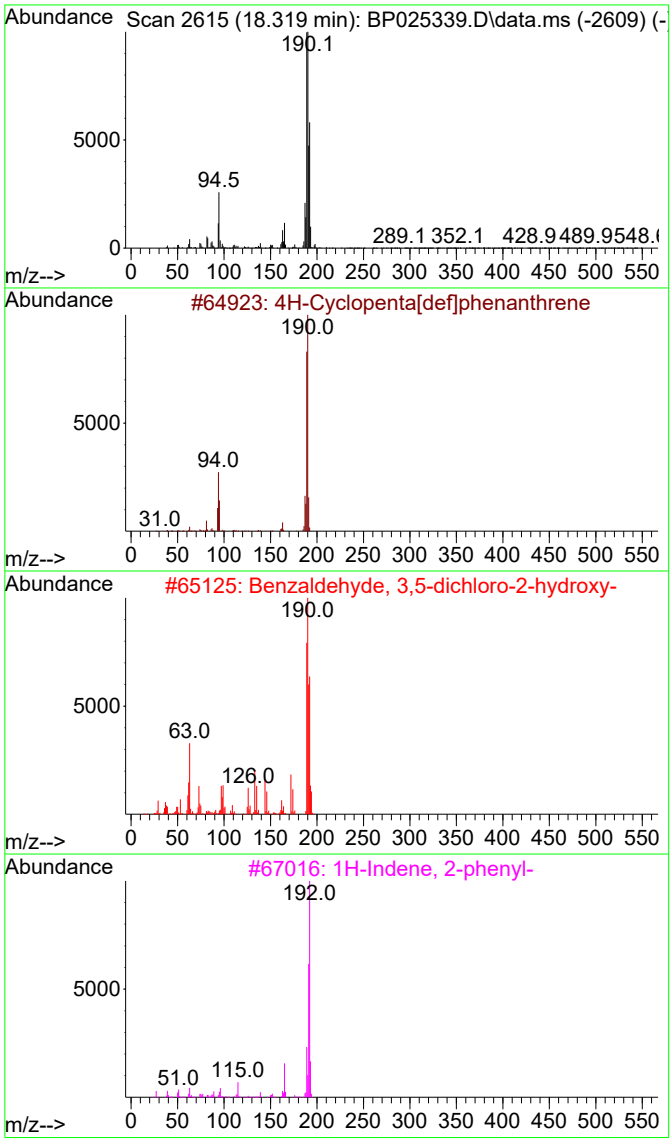
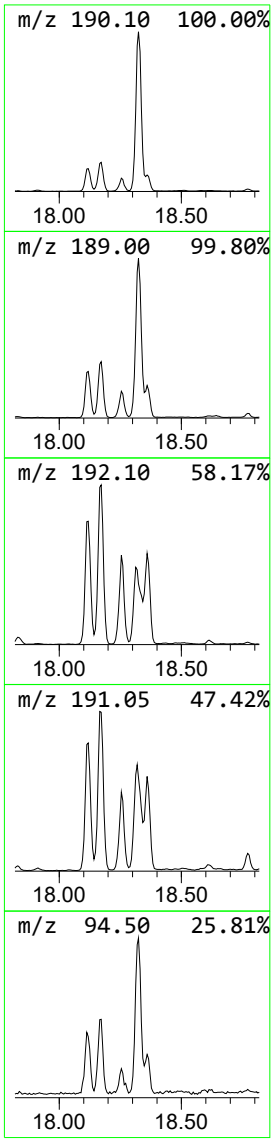
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.319	14.96 ng	3296520	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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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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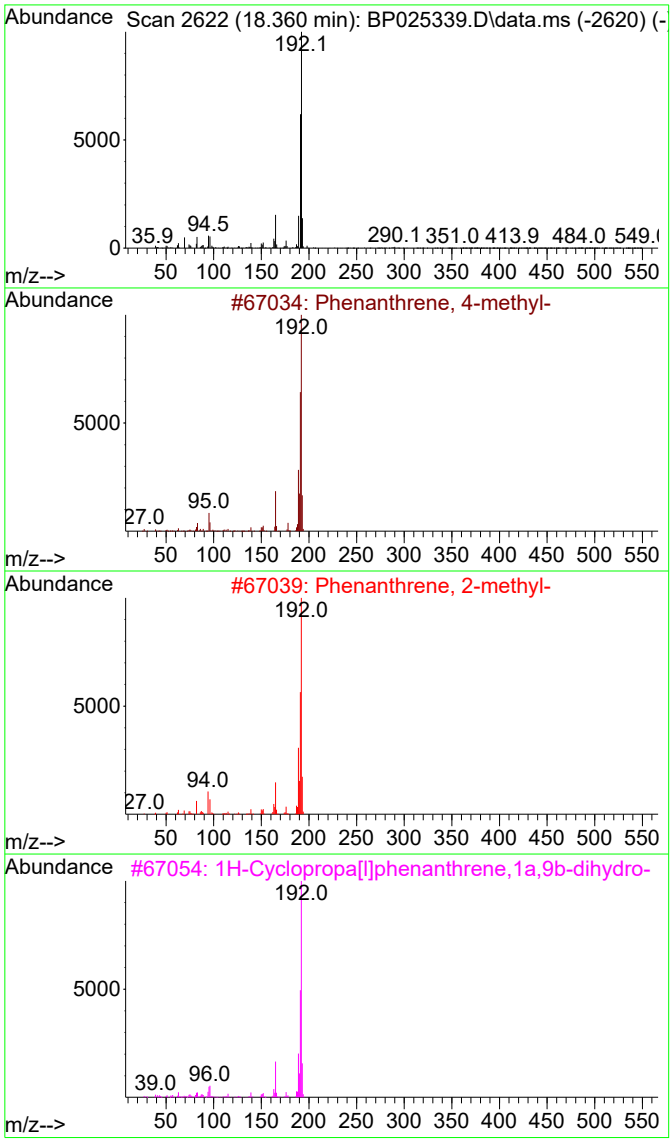
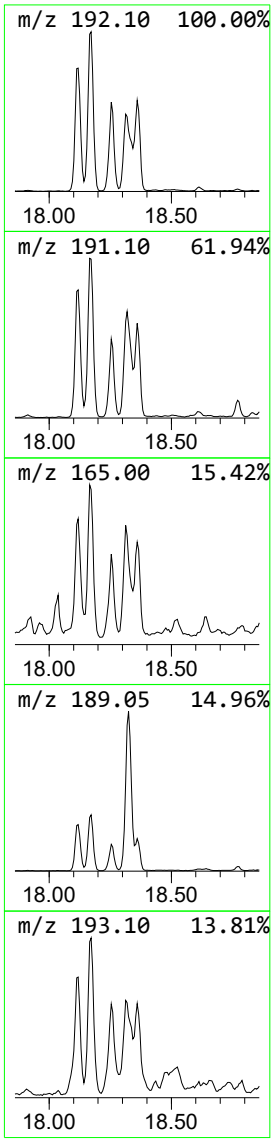
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	4.35 ng	959640	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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

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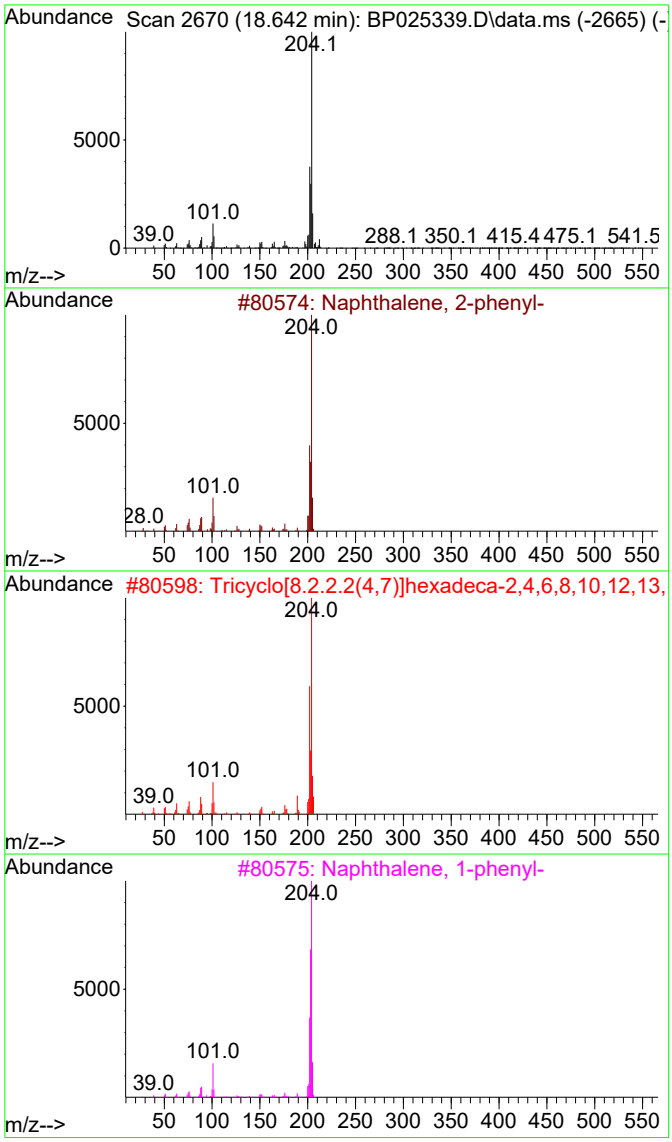
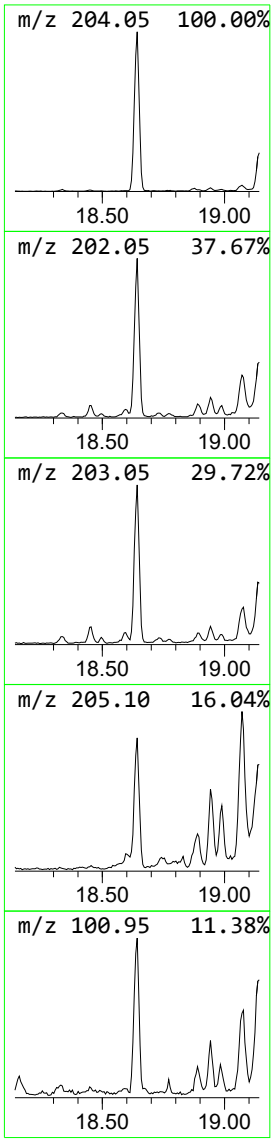
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.642	4.16 ng	917611	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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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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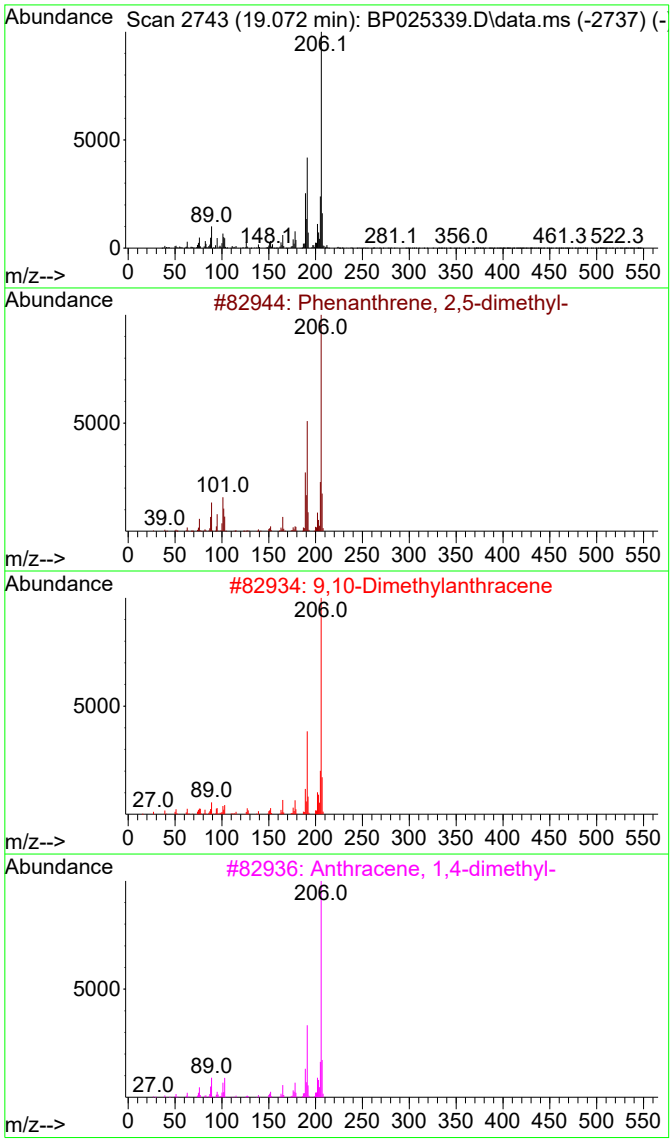
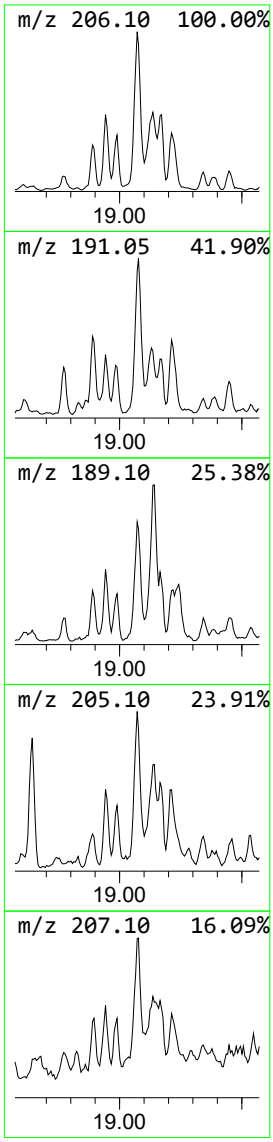
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.072	6.01 ng	1324380	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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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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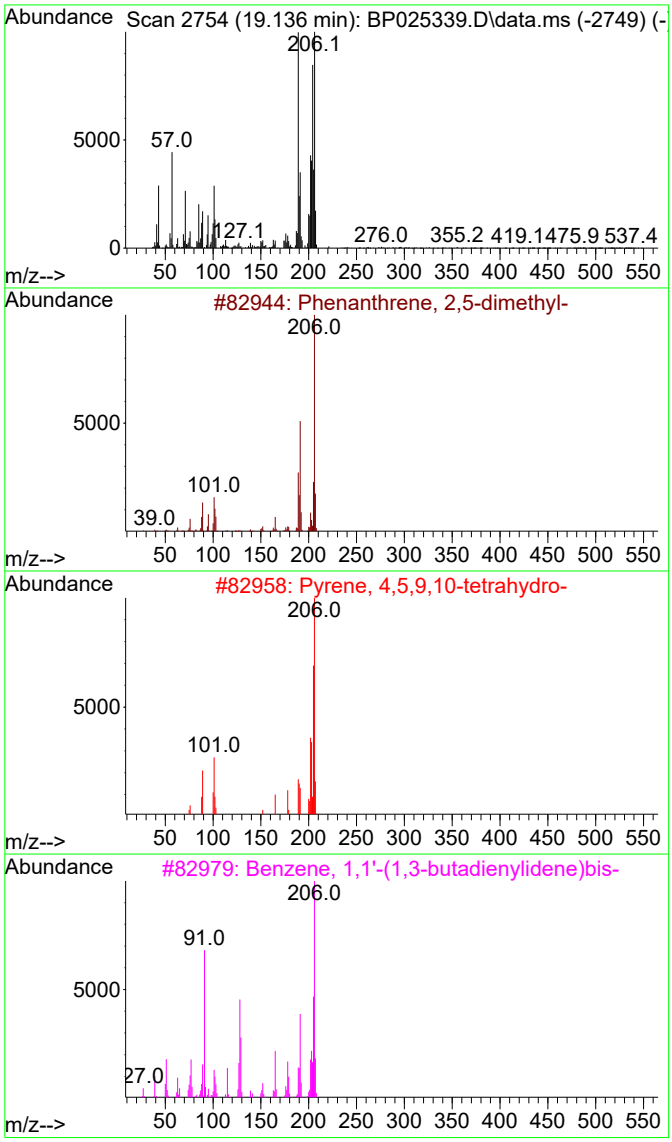
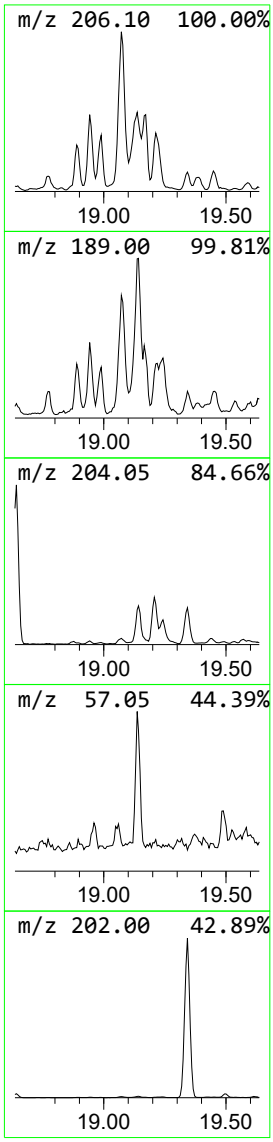
Peak Number 15 unknown19.136 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.136	3.76 ng	827520	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	30
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	30





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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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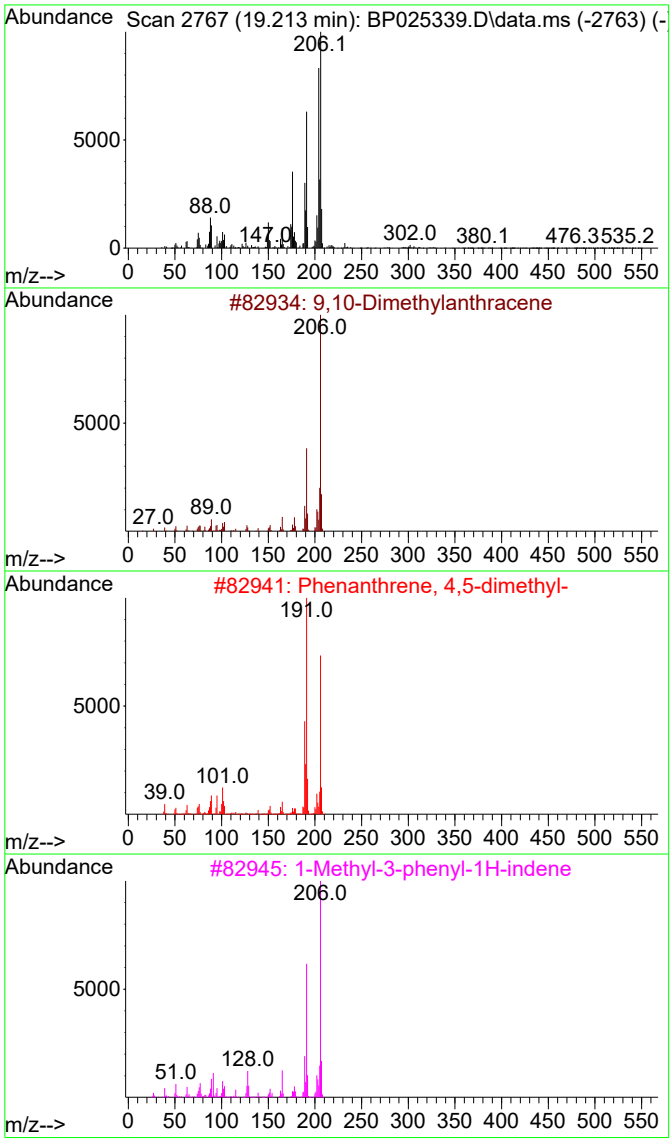
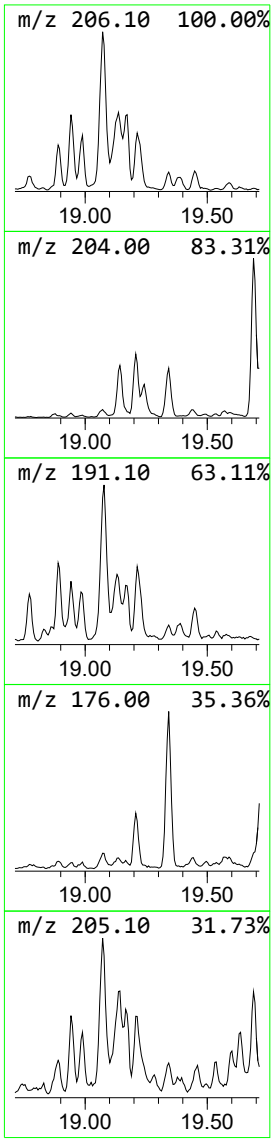
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.213	3.36 ng	739570	Phenanthrene-d10	17.219

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	87
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78





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Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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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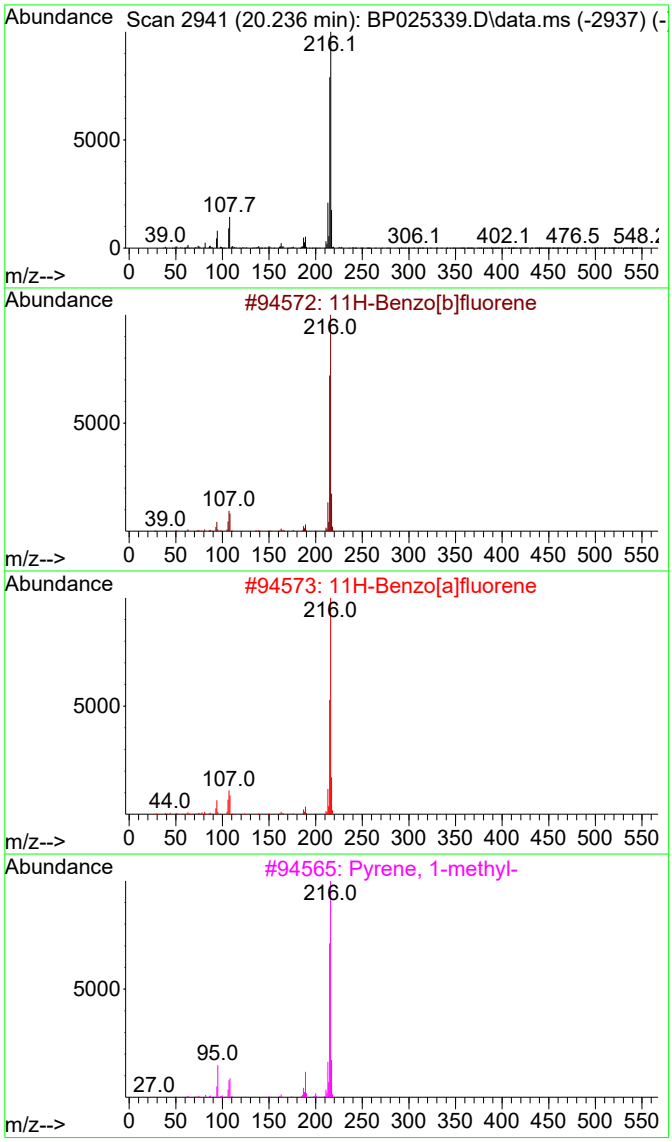
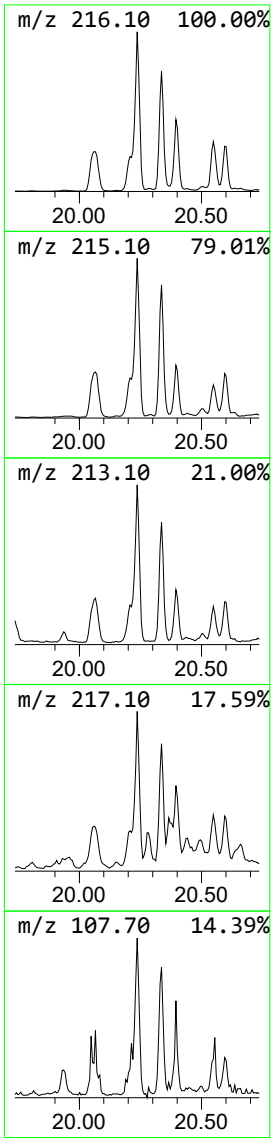
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.236	4.17 ng	2083190	Chrysene-d12	21.660

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
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	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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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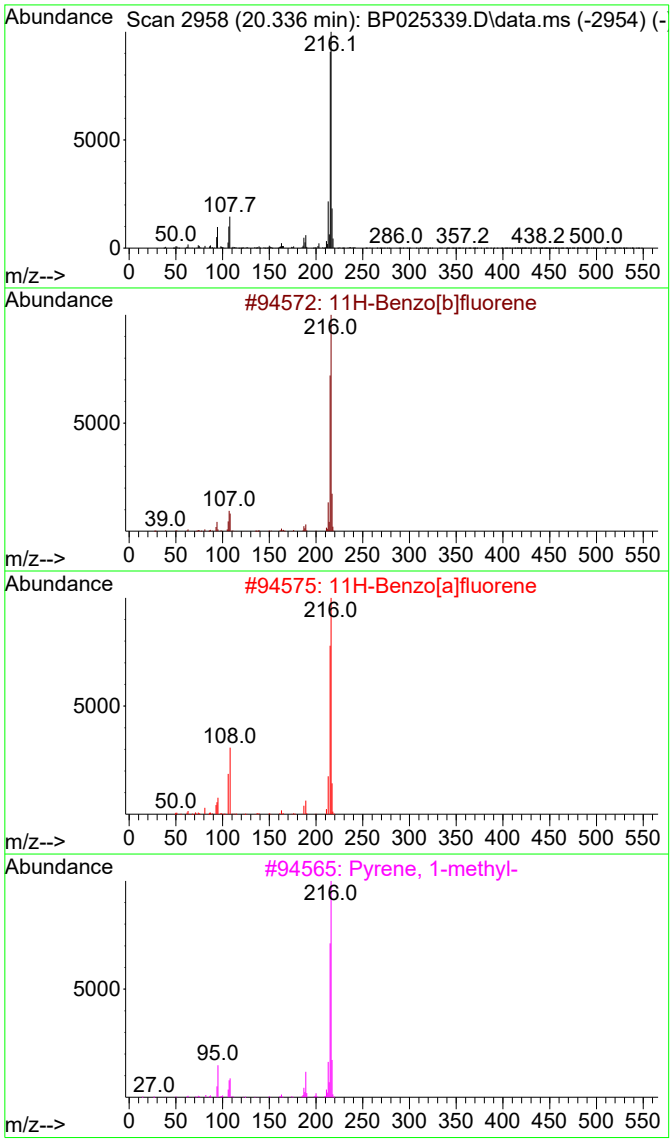
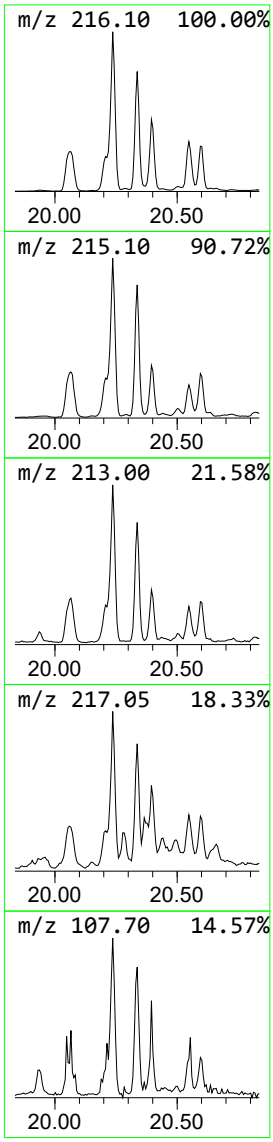
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.336	2.75 ng	1373600	Chrysene-d12	21.660

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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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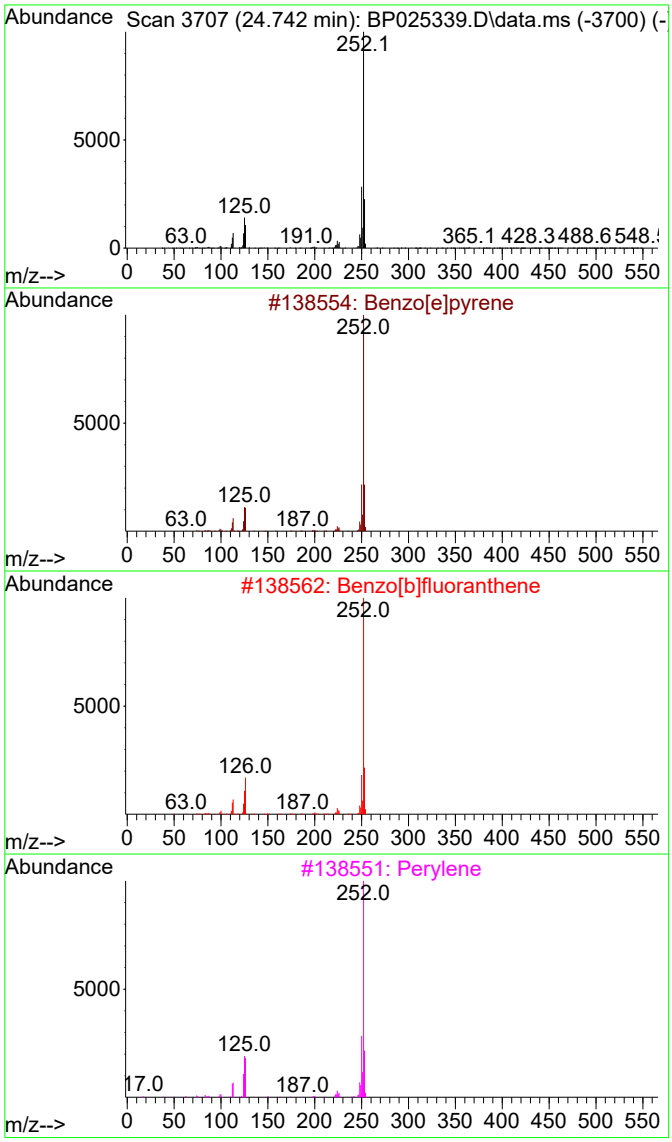
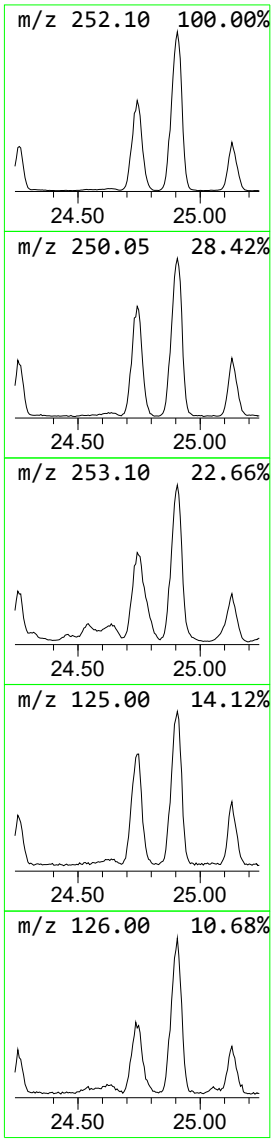
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.742	16.42 ng	2804920	Perylene-d12	25.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025339.D
Acq On : 08 Aug 2025 19:24
Operator : CG/JU
Sample : Q2801-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-080725

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...	3.049	4.1	ng	515034	1	7.802	2494660	20.0
Naphthalene, 2,...	13.737	4.5	ng	1071250	3	14.425	4741570	20.0
Naphthalene, 2,...	13.795	2.7	ng	642536	3	14.425	4741570	20.0
9H-Fluoren-3-ol	15.784	4.5	ng	1072410	3	14.425	4741570	20.0
9H-Fluorene, 2-...	16.507	3.3	ng	716605	4	17.219	4407530	20.0
4-(4-Methylphen...	16.942	2.6	ng	584482	4	17.219	4407530	20.0
Dibenzothiophene	17.019	4.5	ng	997485	4	17.219	4407530	20.0
Anthracene, 2-m...	18.119	7.7	ng	1702410	4	17.219	4407530	20.0
Phenanthrene, 2...	18.166	12.2	ng	2677050	4	17.219	4407530	20.0
1H-Cyclopropa[l...	18.254	5.4	ng	1199230	4	17.219	4407530	20.0
4H-Cyclopenta[d...	18.319	15.0	ng	3296520	4	17.219	4407530	20.0
Phenanthrene, 4...	18.360	4.3	ng	959640	4	17.219	4407530	20.0
Naphthalene, 2-...	18.642	4.2	ng	917611	4	17.219	4407530	20.0
Phenanthrene, 2...	19.072	6.0	ng	1324380	4	17.219	4407530	20.0
unknown19.136	19.136	3.8	ng	827520	4	17.219	4407530	20.0
9,10-Dimethylan...	19.213	3.4	ng	739570	4	17.219	4407530	20.0
11H-Benzo[b]flu...	20.236	4.2	ng	2083190	5	21.660	10002300	20.0
11H-Benzo[a]flu...	20.336	2.8	ng	1373600	5	21.660	10002300	20.0
Benzo[e]pyrene	24.742	16.4	ng	2804920	6	25.054	3416320	20.0