LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TG-S04

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	28	rVB	261613	366518	5.04%	0.497%
2	5.408	414	420	427	rBV	446275	651148	8.96%	0.884%
3	6.966	678	685	694	rBV	426695	686982	9.45%	0.932%
4	7.790	817	825	833	rBV	588835	961511	13.23%	1.305%
5	8.325	909	916	922	rBV2	48933	94138	1.30%	0.128%
6	8.925	1007	1018	1028	rBV	271754	474942	6.53%	0.645%
7	10.560	1287	1296	1302	rBV	791183	1378431	18.97%	1.871%
8	13.013	1707	1713	1723	rVB	763181	1126415	15.50%	1.529%
9	14.119	1894	1901	1914	rBV	552744	858841	11.82%	1.166%
10	14.401	1941	1949	1956	rBV	1196310	1793526	24.68%	2.434%
11	14.801	2012	2017	2025	rVV	63076	106215	1.46%	0.144%
12	15.031	2048	2056	2061	rBV3	42565	99619	1.37%	0.135%
13	15.284	2094	2099	2106	rVB3	53868	89661	1.23%	0.122%
14	15.460	2124	2129	2142	rVB5	79314	190494	2.62%	0.259%
15	15.684	2161	2167	2174	rBV3	37639	92907	1.28%	0.126%
16	15.772	2177	2182	2191	rVB4	116041	232675	3.20%	0.316%
17	15.907	2198	2205	2214	rVB2	578958	929474	12.79%	1.262%
18	16.148	2240	2246	2250	rBV3	121214	227473	3.13%	0.309%
19	16.489	2298	2304	2309	rBV5	36462	77161	1.06%	0.105%
20	16.725	2340	2344	2347	rBV3	50444	76575	1.05%	0.104%
21	16.766	2347	2351	2355	rVV	114627	165173	2.27%	0.224%
22	16.836	2359	2363	2372	rVB3	97110	176390	2.43%	0.239%
23	16.919	2373	2377	2382	rVV	58455	108752	1.50%	0.148%
24	17.019	2389	2394	2401	rVB2	48573	97418	1.34%	0.132%
25	17.195	2418	2424	2428	rBV	1338991	2111699	29.05%	2.866%
26	17.236	2428	2431	2437	rVV	850593	1187652	16.34%	1.612%
27	17.331	2440	2447	2453	rVV	785733	1342899	18.48%	1.823%
28	17.389	2453	2457	2464	rVB4	105602	209786	2.89%	0.285%
29	17.607	2485	2494	2498	rBV	206943	377073	5.19%	0.512%
30	17.730	2511	2515	2519	rVB3	81414	101237	1.39%	0.137%
31	17.789	2522	2525	2530	rVB3	60831	73245	1.01%	0.099%
32	18.101	2573	2578	2581	rBV	224376	352009	4.84%	0.478%
33	18.148	2581	2586	2592	rVB	417833	678679	9.34%	0.921%
34	18.230	2596	2600	2605	rVB	232549	327766	4.51%	0.445%
35	18.295	2605	2611	2615	rBV2	403583	795725	10.95%	1.080%
36	18.454	2635	2638	2642	rVB4	63976	90568	1.25%	0.123%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.507	2644	2647	2652	rVB4	52536	74300	1.02%	0.101%
38	18.613	2662	2665	2669	rBV	184013	254248	3.50%	0.345%
39	18.654	2669	2672	2679	rVB3	189695	284052	3.91%	0.386%
40	18.872	2706	2709	2713	rVB2	123718	136767	1.88%	0.186%
41	18.925	2714	2718	2721	rVV	161433	228639	3.15%	0.310%
42	18.966	2721	2725	2729	rVB	150843	202444	2.79%	0.275%
43	19.054	2734	2740	2744	rBV	382343	663590	9.13%	0.901%
44	19.107	2745	2749	2753	rVV3	197305	395094	5.44%	0.536%
45	19.142	2753	2755	2759	rVB2	146632	172361	2.37%	0.234%
46	19.189	2759	2763	2772	rBV	349504	598823	8.24%	0.813%
47	19.319	2779	2785	2792	rVB	3953916	5779034	79.51%	7.844%
48	19.383	2794	2796	2800	rVB	94566	104461	1.44%	0.142%
49	19.425	2801	2803	2807	rVB2	104649	108799	1.50%	0.148%
50	19.483	2808	2813	2816	rBV	303711	435358	5.99%	0.591%
51	19.577	2826	2829	2831	rBV	82595	104415	1.44%	0.142%
52	19.695	2839	2849	2858	rVV	3629669	6738696	92.72%	9.146%
53	19.777	2858	2863	2869	rVB2	324892	566898	7.80%	0.769%
54	19.877	2877	2880	2883	rBV	256572	350781	4.83%	0.476%
55	19.919	2883	2887	2890	rBV	1492372	1688914	23.24%	2.292%
56	20.048	2901	2909	2914	rBV4	475182	1190779	16.38%	1.616%
57	20.177	2925	2931	2933	rBV5	406905	732095	10.07%	0.994%
58	20.266	2943	2946	2951	rBV5	112802	205144	2.82%	0.278%
59	20.319	2952	2955	2959	rVV	260143	403119	5.55%	0.547%
60	20.377	2961	2965	2970	rVB2	574315	1036355	14.26%	1.407%
61	20.524	2986	2990	2993	rBV	371557	453839	6.24%	0.616%
62	20.572	2994	2998	3004	rVB2	308045	435549	5.99%	0.591%
63	21.007	3068	3072	3080	rBV	667743	1153079	15.87%	1.565%
64	21.183	3096	3102	3107	rBV2	431282	1071623	14.74%	1.454%
65	21.236	3107	3111	3115	rVV	462284	649851	8.94%	0.882%
66	21.277	3115	3118	3126	rVV2	436091	1062697	14.62%	1.442%
67	21.354	3128	3131	3139	rVB	547309	942012	12.96%	1.279%
68	21.619	3169	3176	3182	rBV2	2756581	7268014	100.00%	9.865%
69	21.677	3183	3186	3192	rVB	1935754	2910953	40.05%	3.951%
70	22.395	3305	3308	3315	rVB	504237	796941	10.97%	1.082%
71	23.948	3564	3572	3580	rBV	2026203	6672912	91.81%	9.057%
72	24.695	3693	3699	3711	rVB	1157432	3400842	46.79%	4.616%
73	24.848	3717	3725	3735	rVB	1066483	3162167	43.51%	4.292%
74	24.995	3743	3750	3758	rBV	931842	2530444	34.82%	3.435%

Sum of corrected areas: 73676866

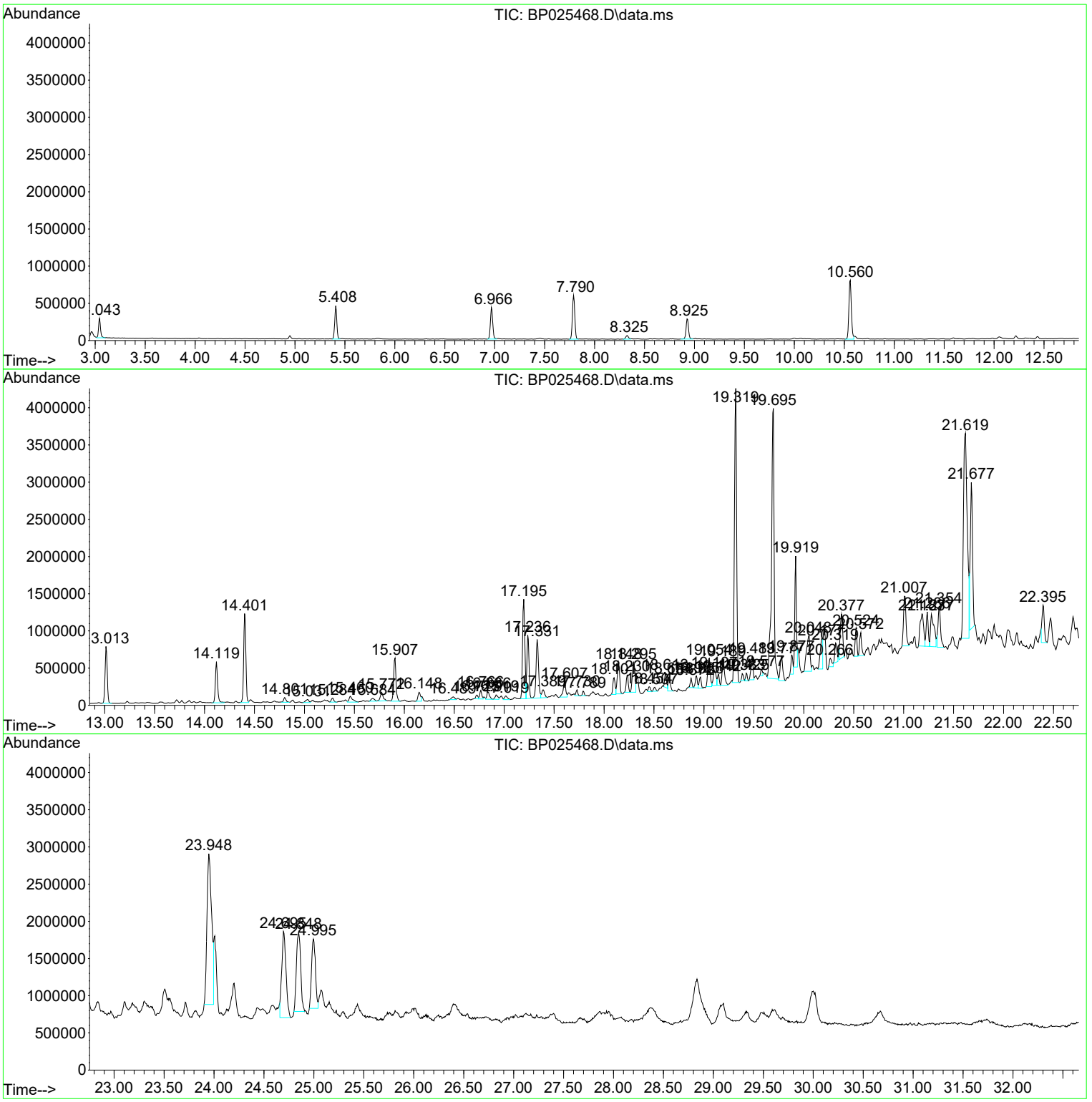
Instrument :
BNA_P
ClientSampleId :
TG-S04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

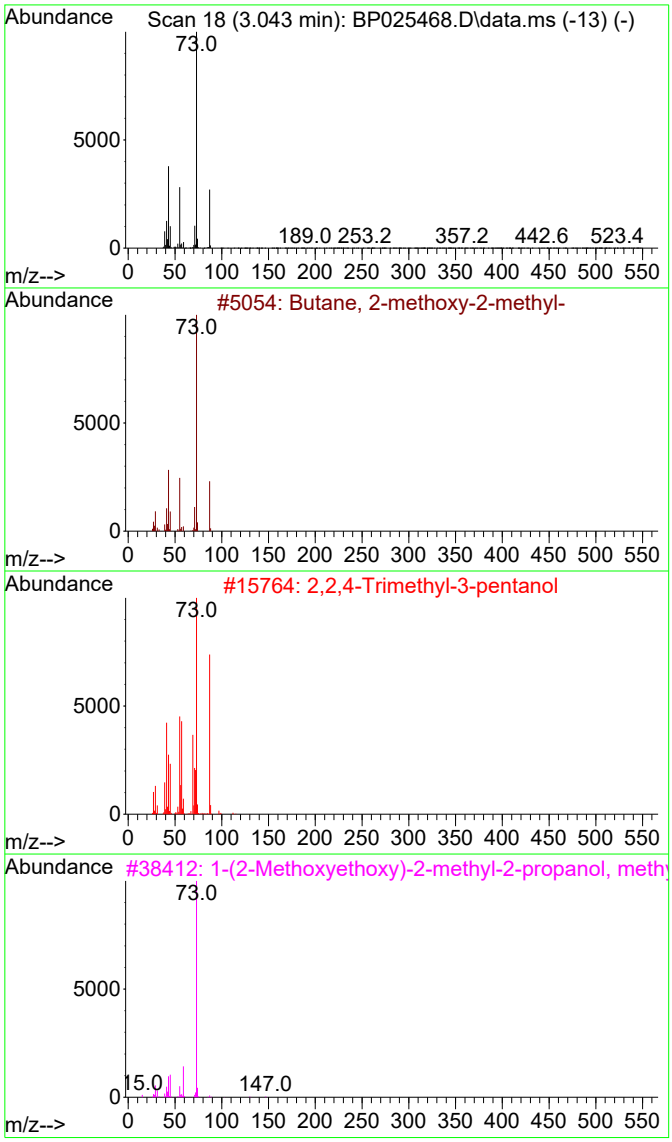
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

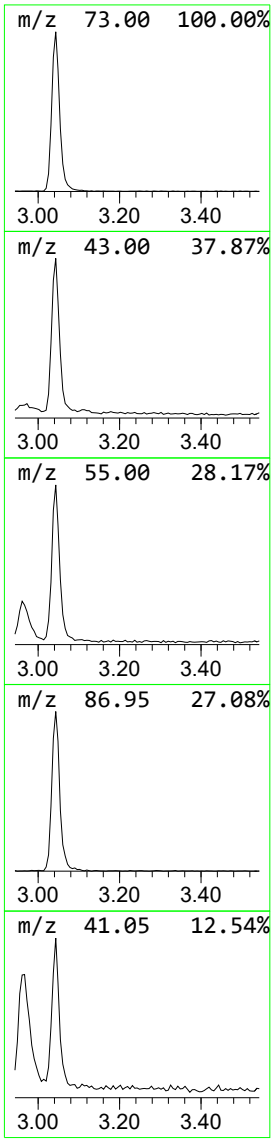
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	7.62 ng	366518	1,4-Dichlorobenzene-d4	7.790

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-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

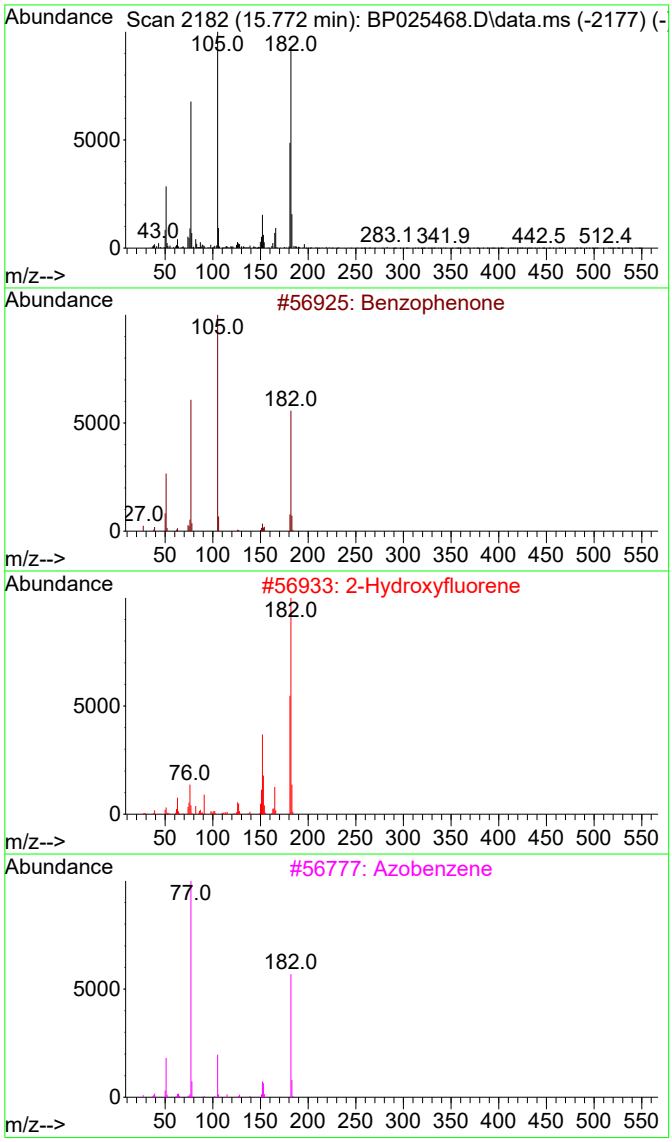
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

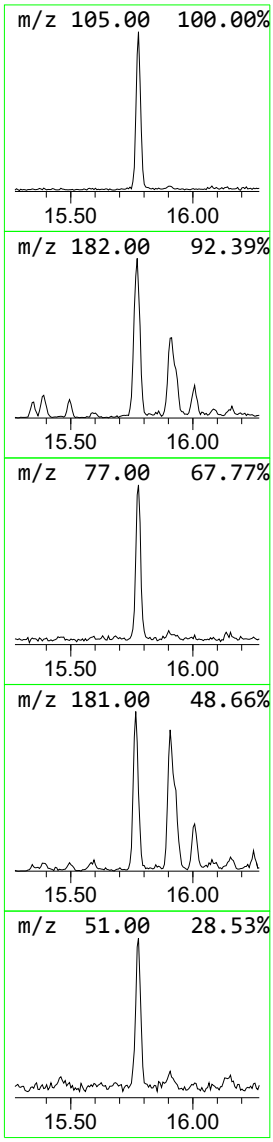
****

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.772	2.59 ng	232675	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	60
3	Azobenzene	182	C12H10N2	000103-33-3	50
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

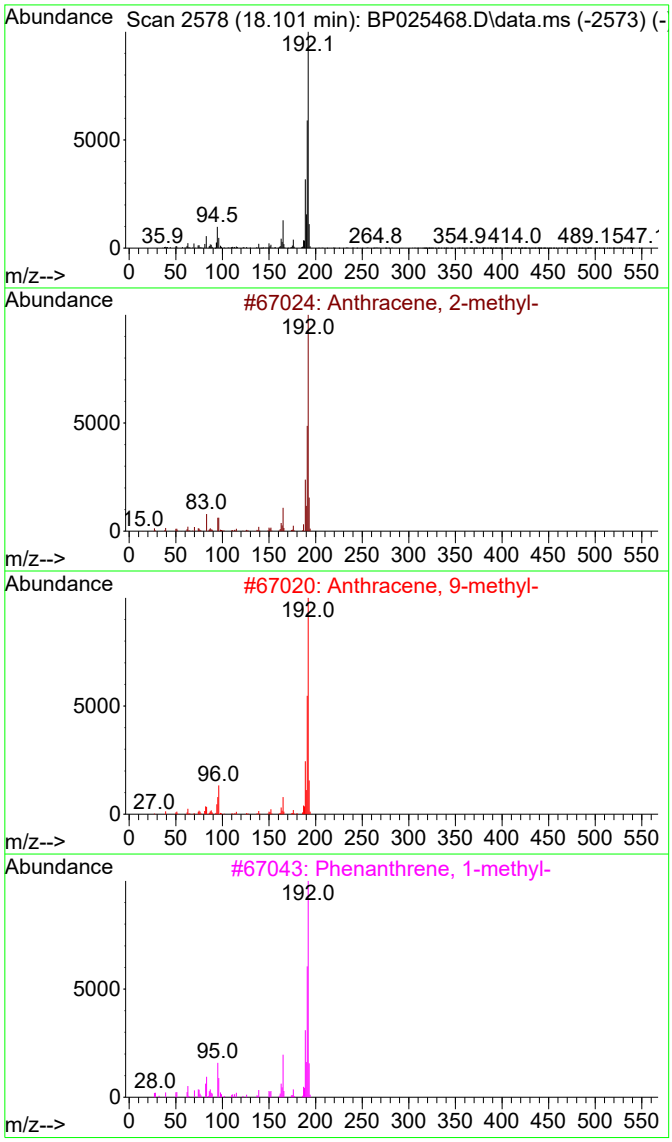
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

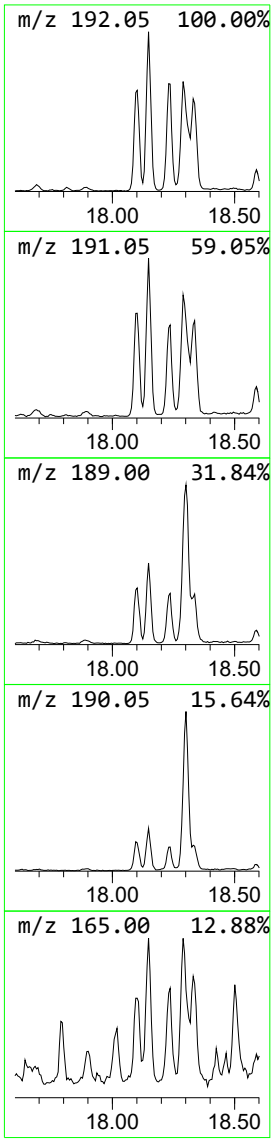
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.101	3.33 ng	352009	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

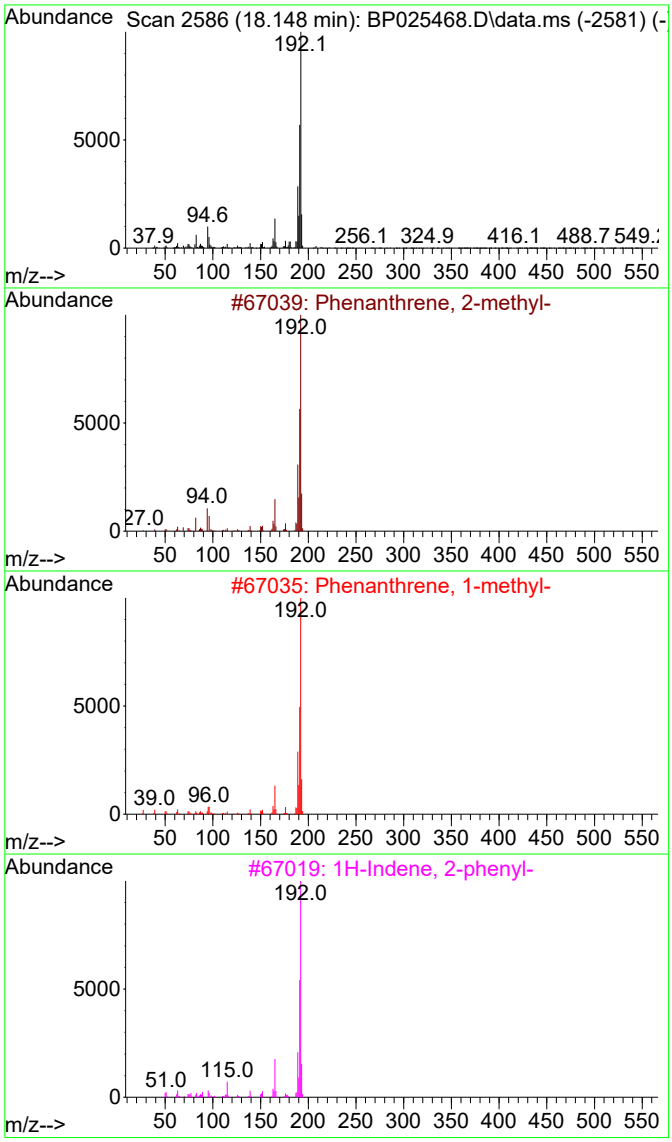
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

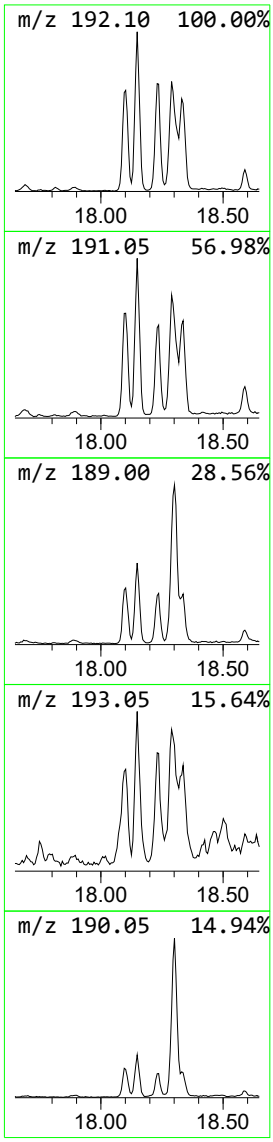
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	6.43 ng	678679	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

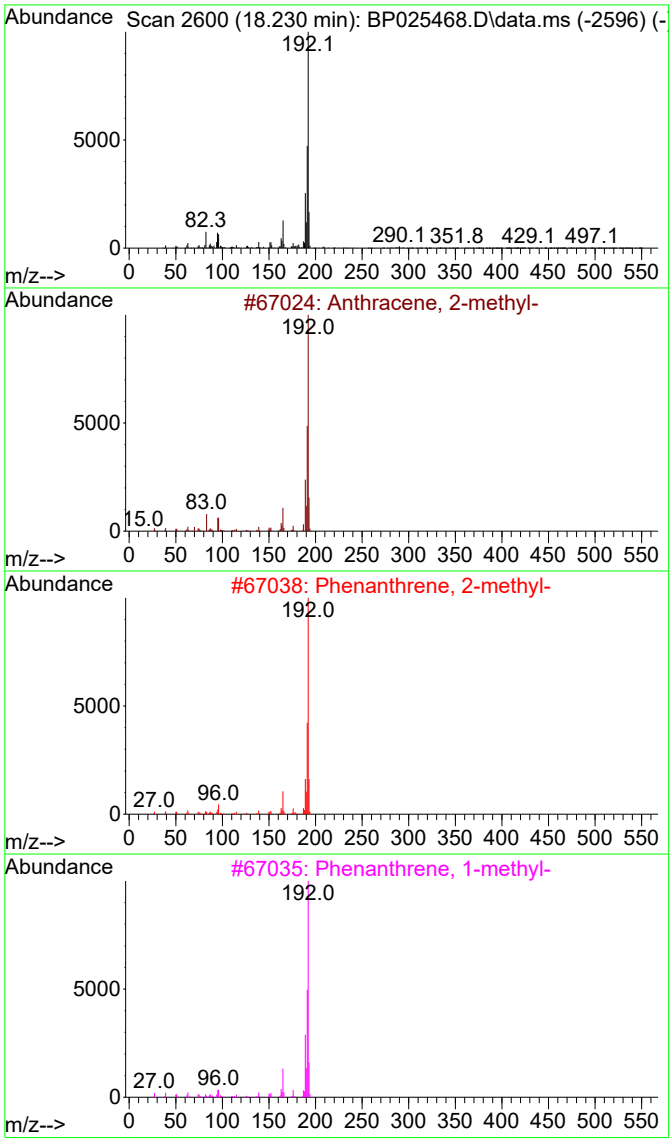
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

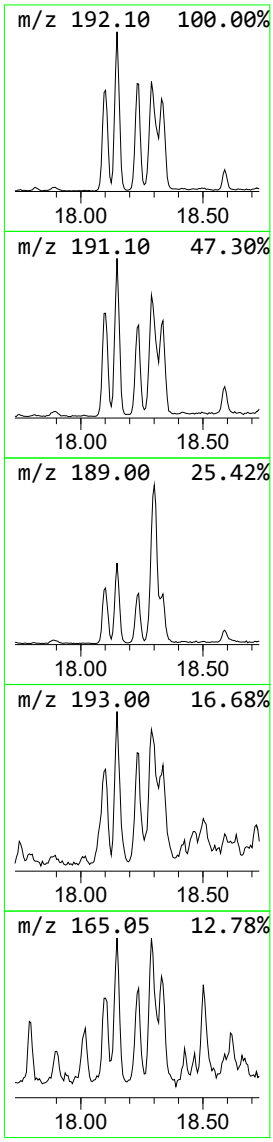
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	3.10 ng	327766	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

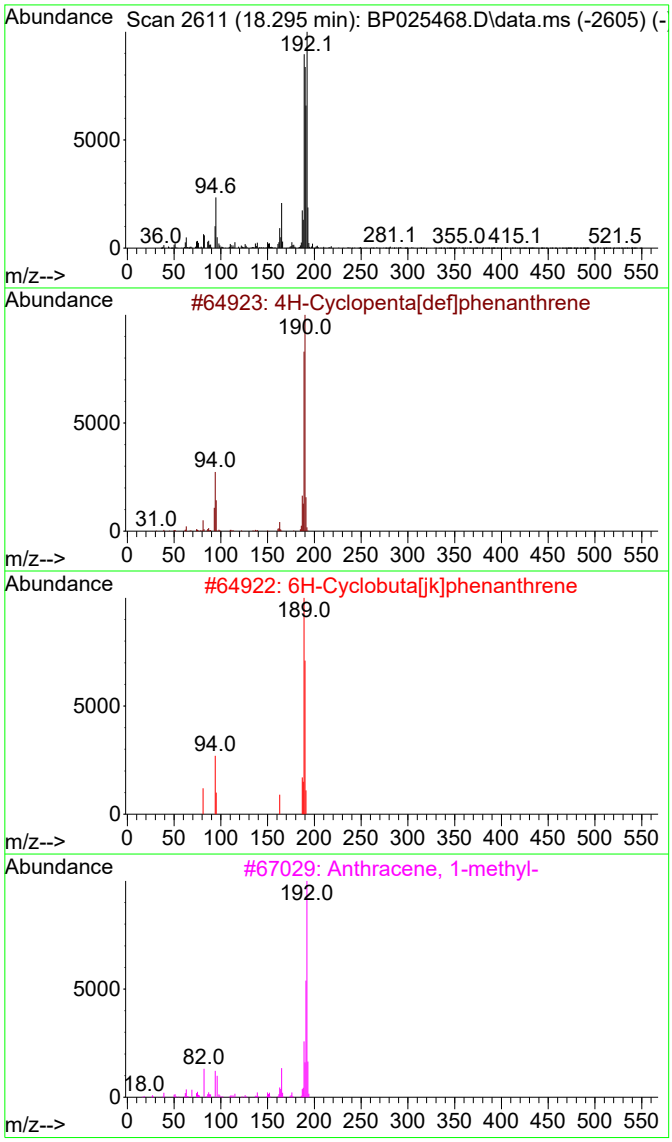
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

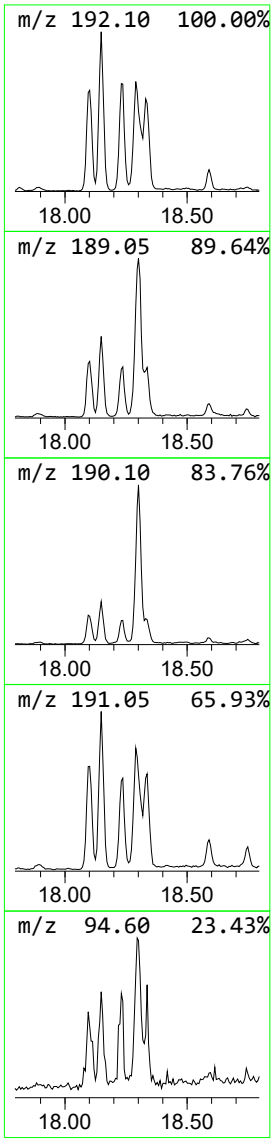
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	7.54 ng	795725	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

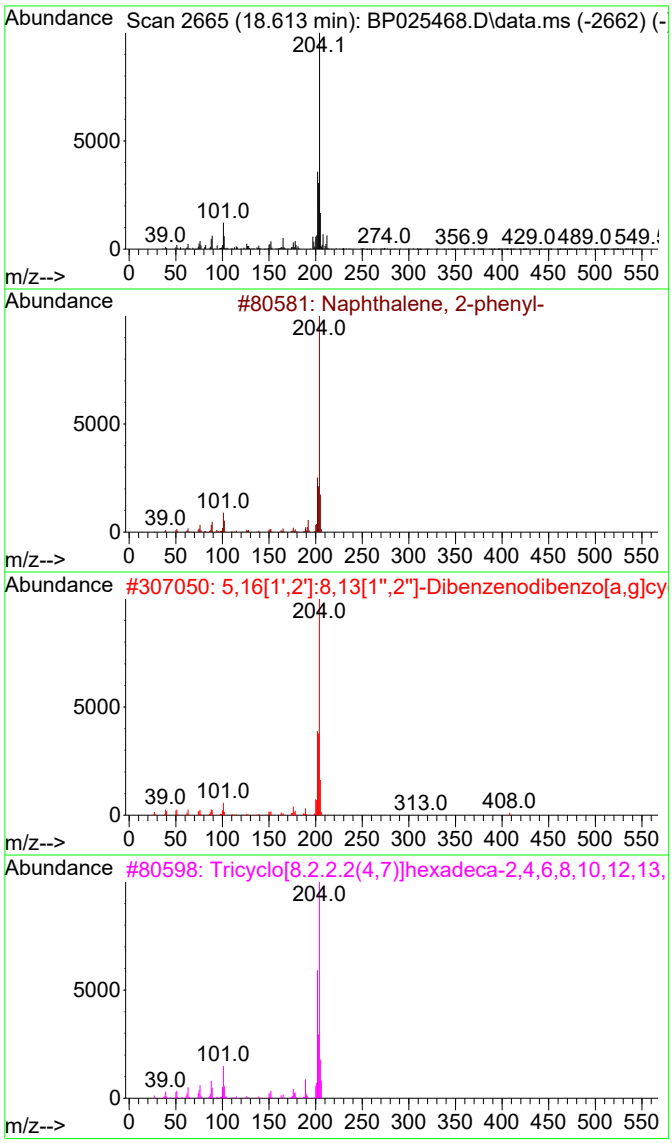
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

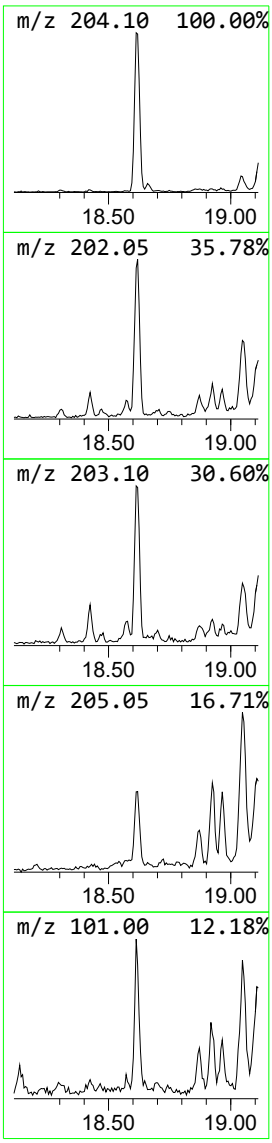
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.613	2.41 ng	254248	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52





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Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

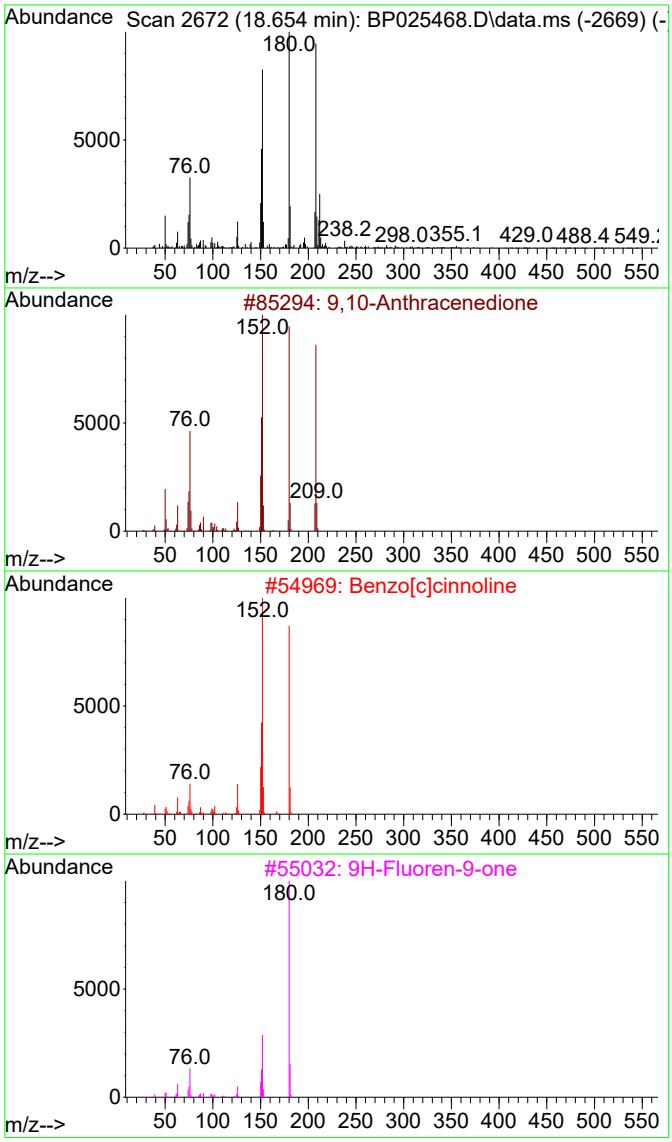
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

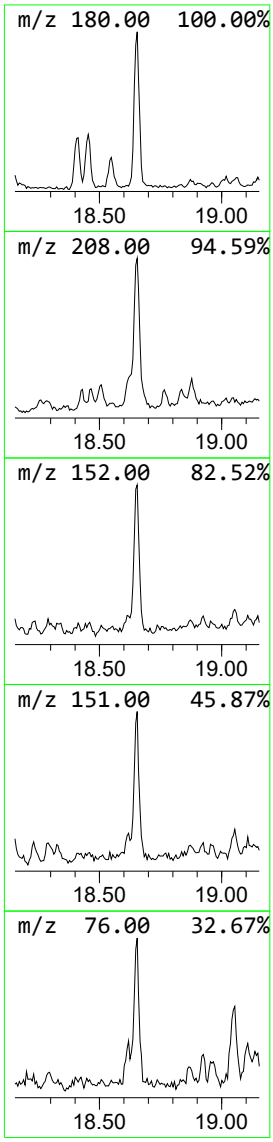
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.654	2.69 ng	284052	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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Sample : Q2832-07 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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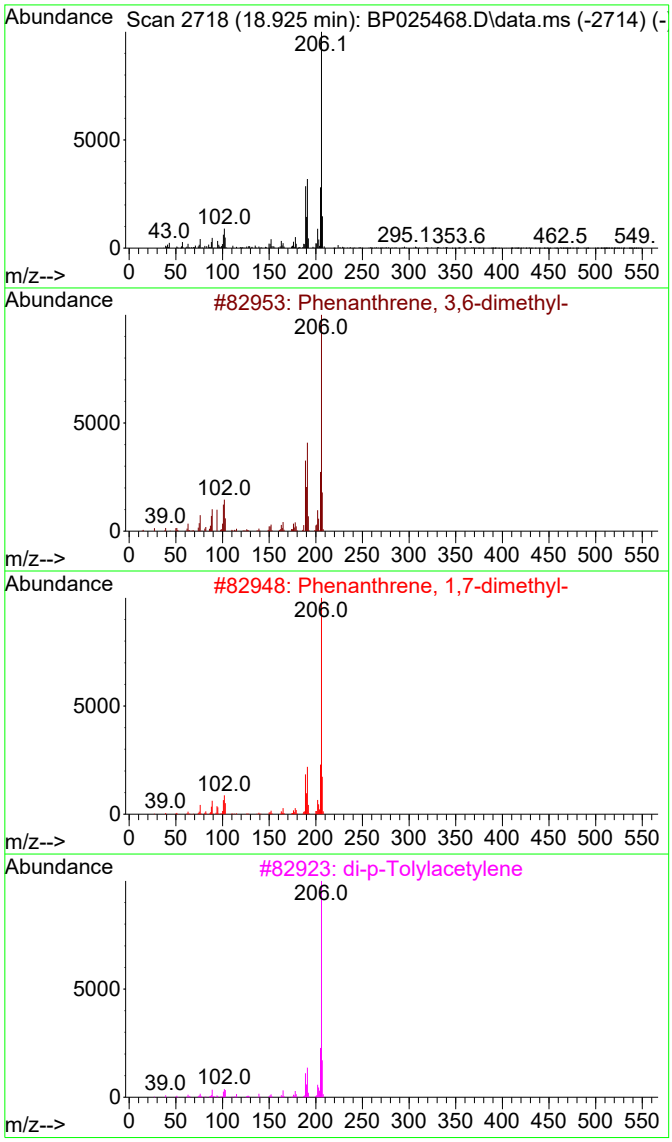
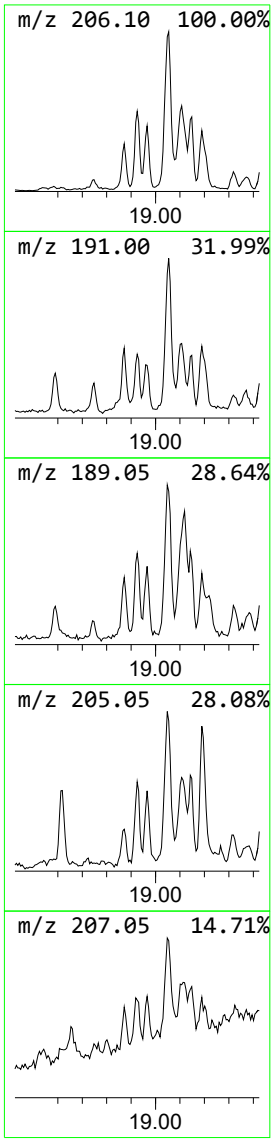
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.925	2.17 ng	228639	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TG-S04

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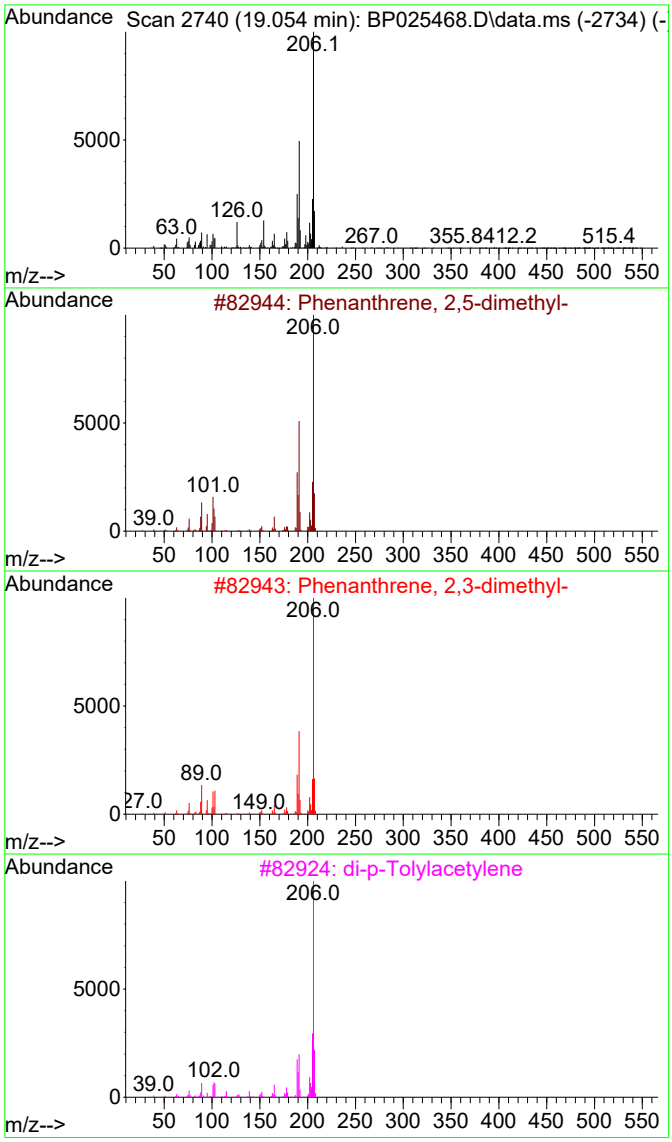
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

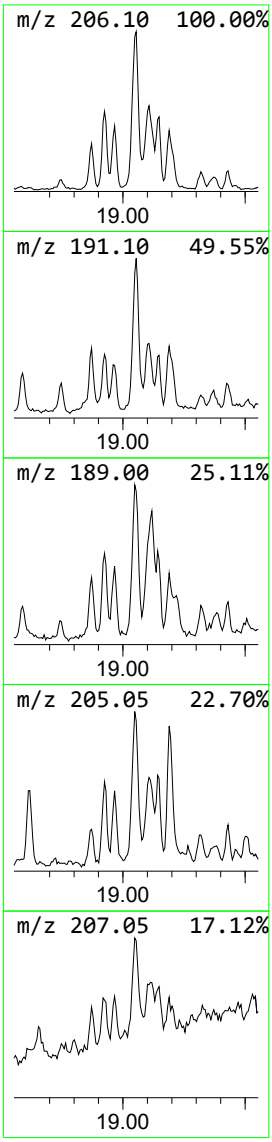
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	6.28 ng	663590	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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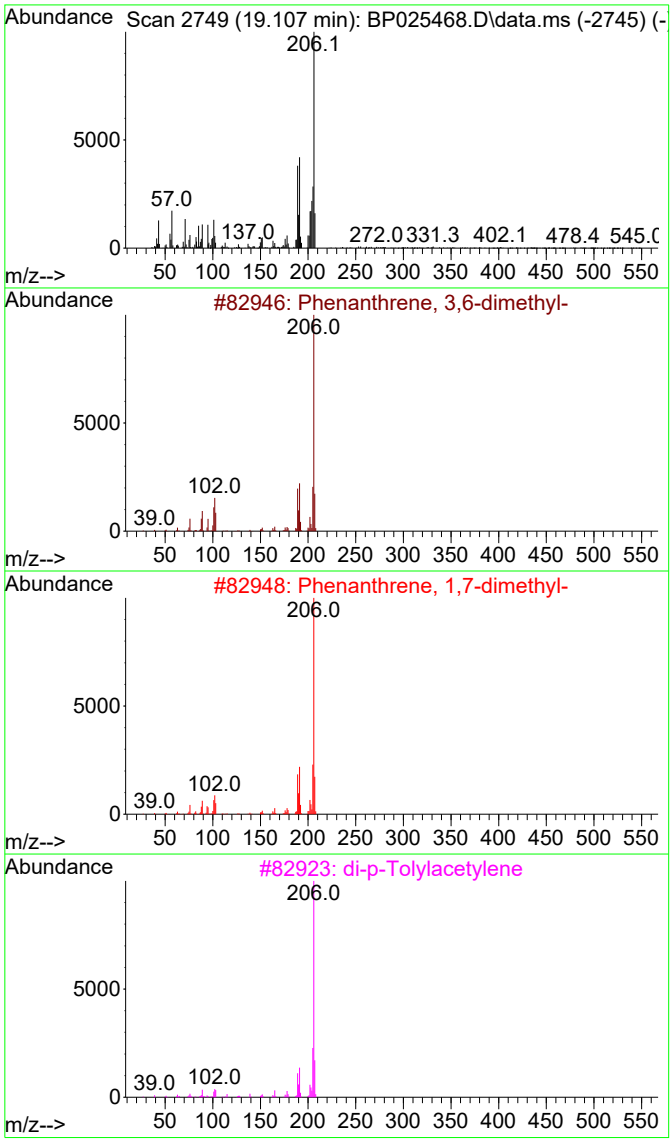
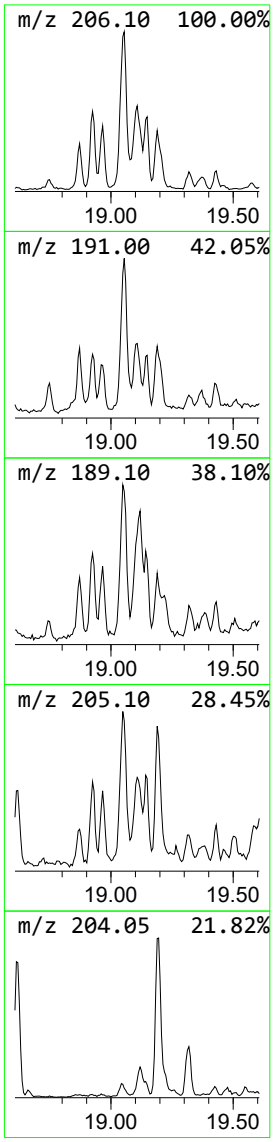
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.107	3.74 ng	395094	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70





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Sample : Q2832-07 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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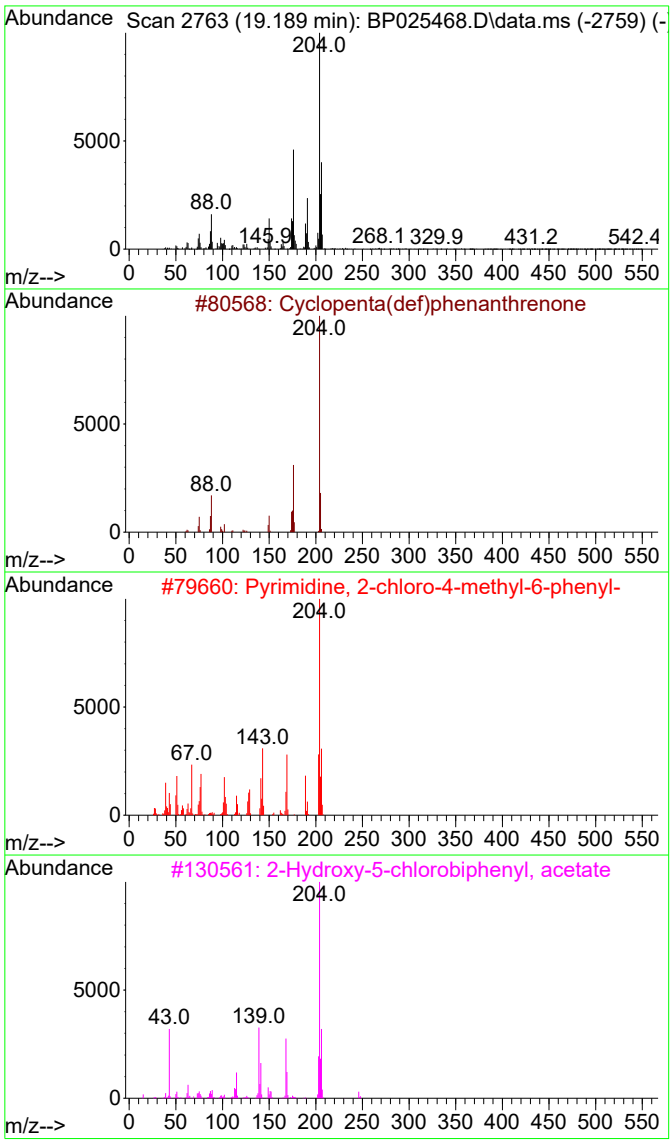
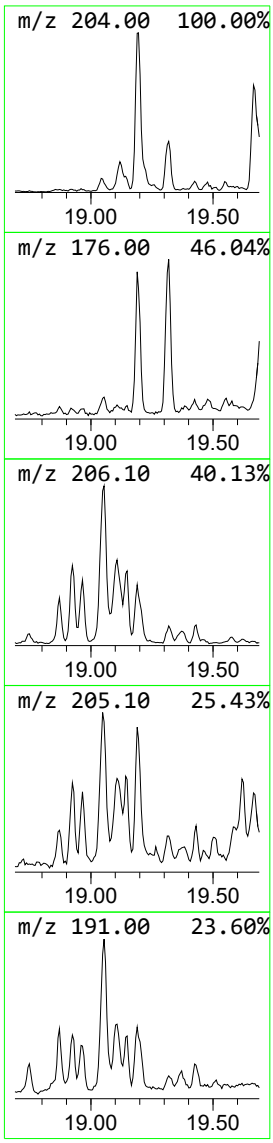
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.189	5.67 ng	598823	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	43
4	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43





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ALS Vial : 15 Sample Multiplier: 1

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

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

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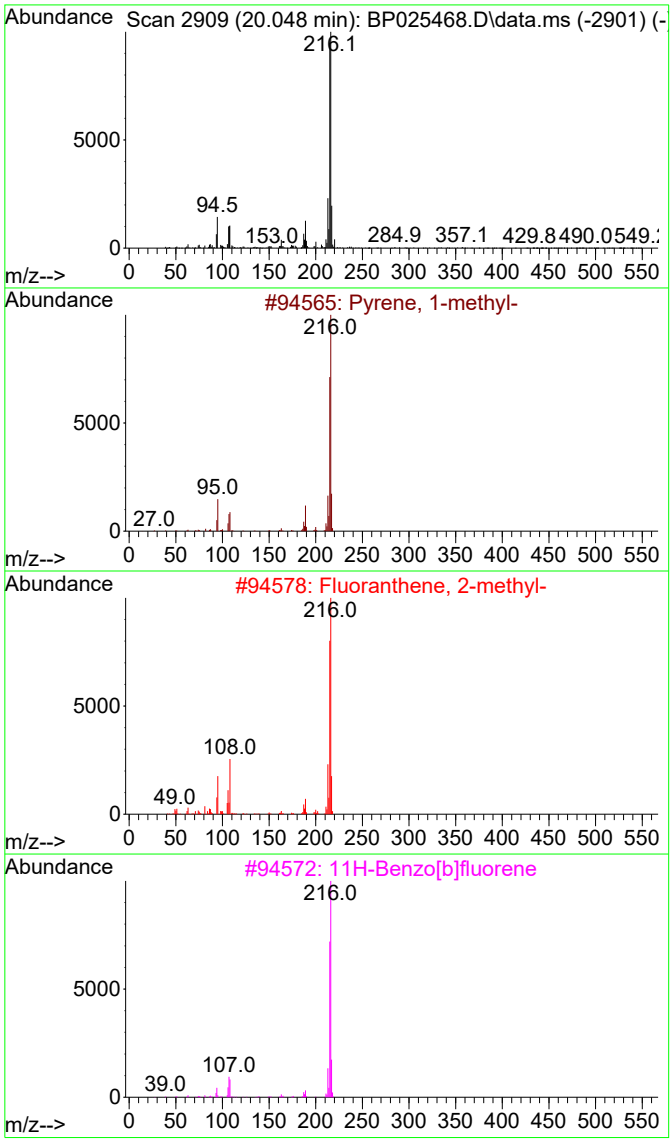
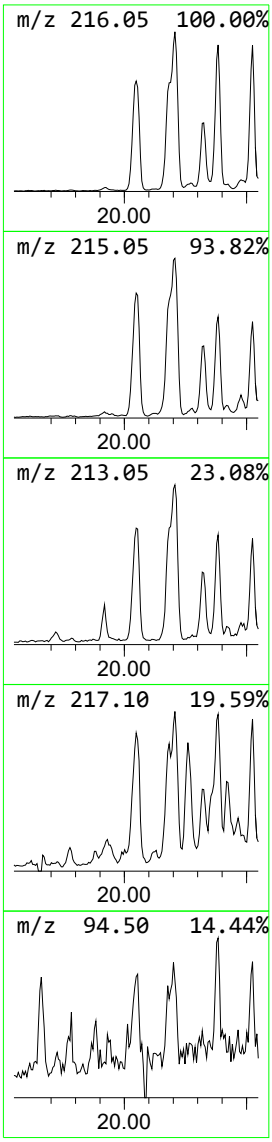
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.048	3.28 ng	1190780	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : Q2832-07 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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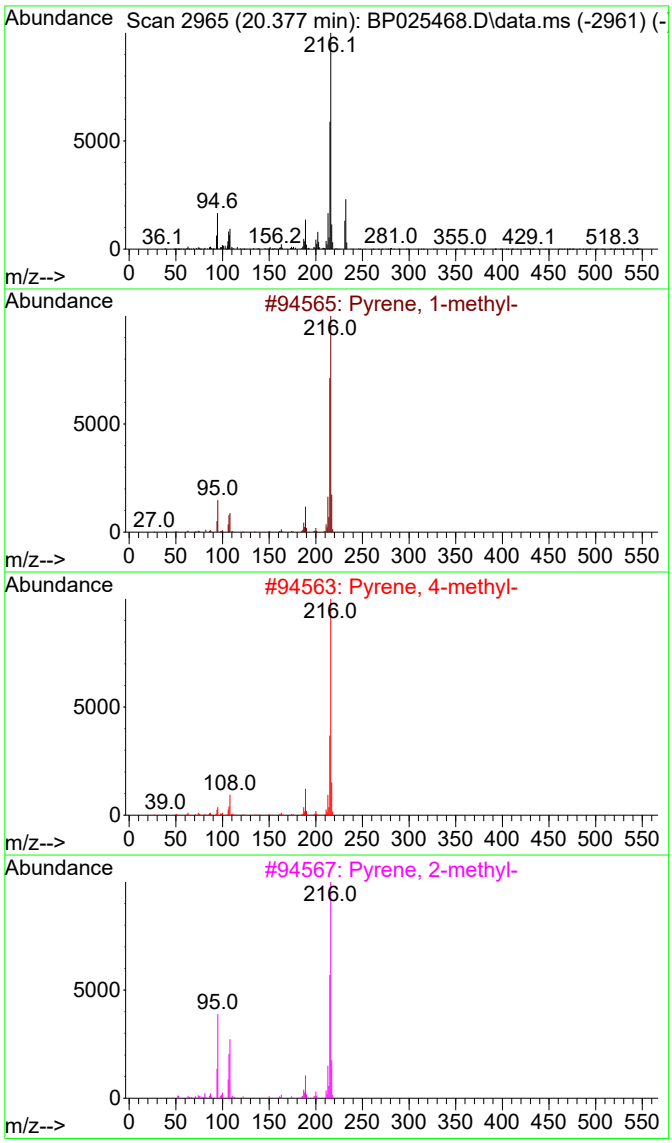
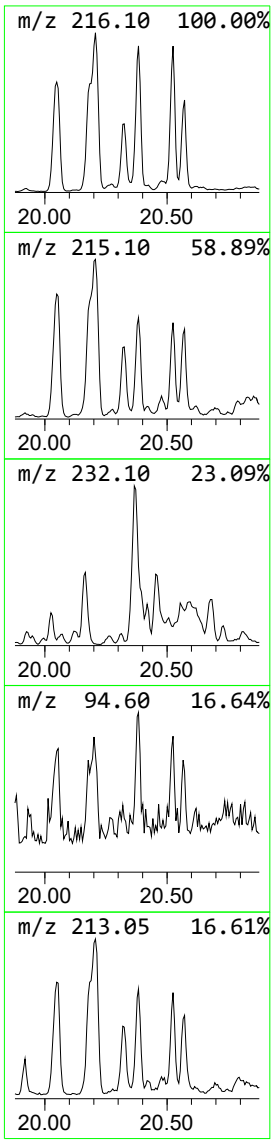
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.377	2.85 ng	1036360	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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

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

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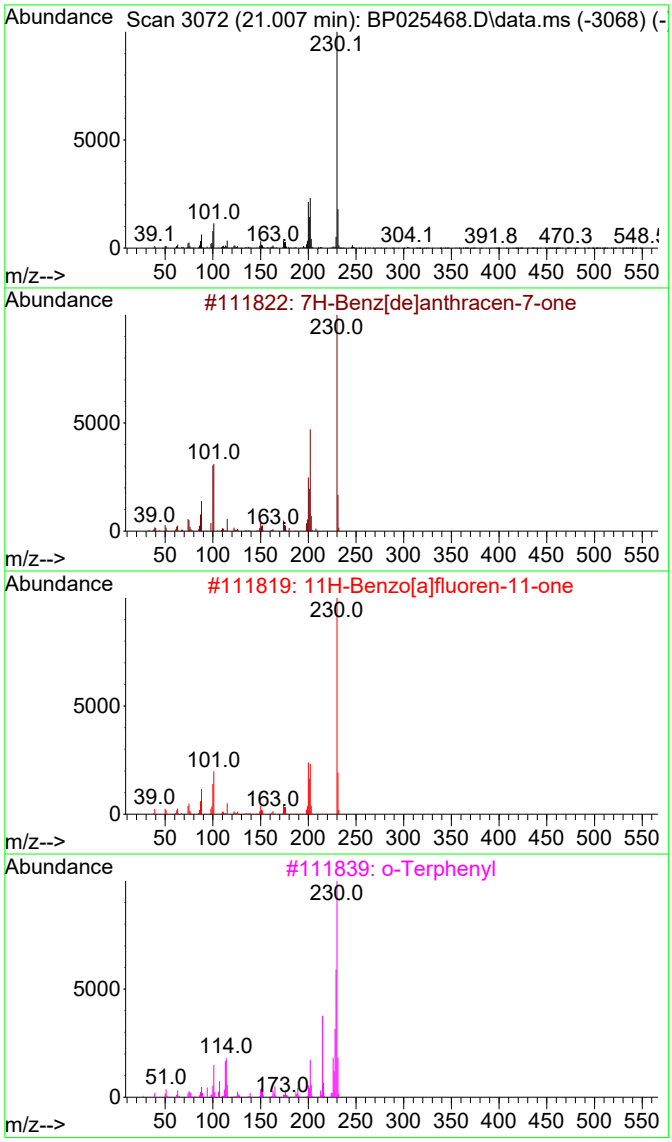
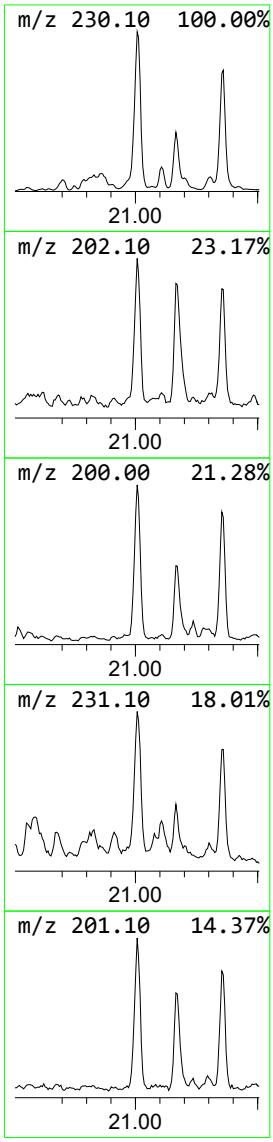
Peak Number 15 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.007	3.17 ng	1153080	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
3	o-Terphenyl	230	C18H14	000084-15-1	59
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	pyrrolidine, 1,1'-(5-methyl-1,3-...	230	C15H22N2	1000401-00-8	53





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ALS Vial : 15 Sample Multiplier: 1

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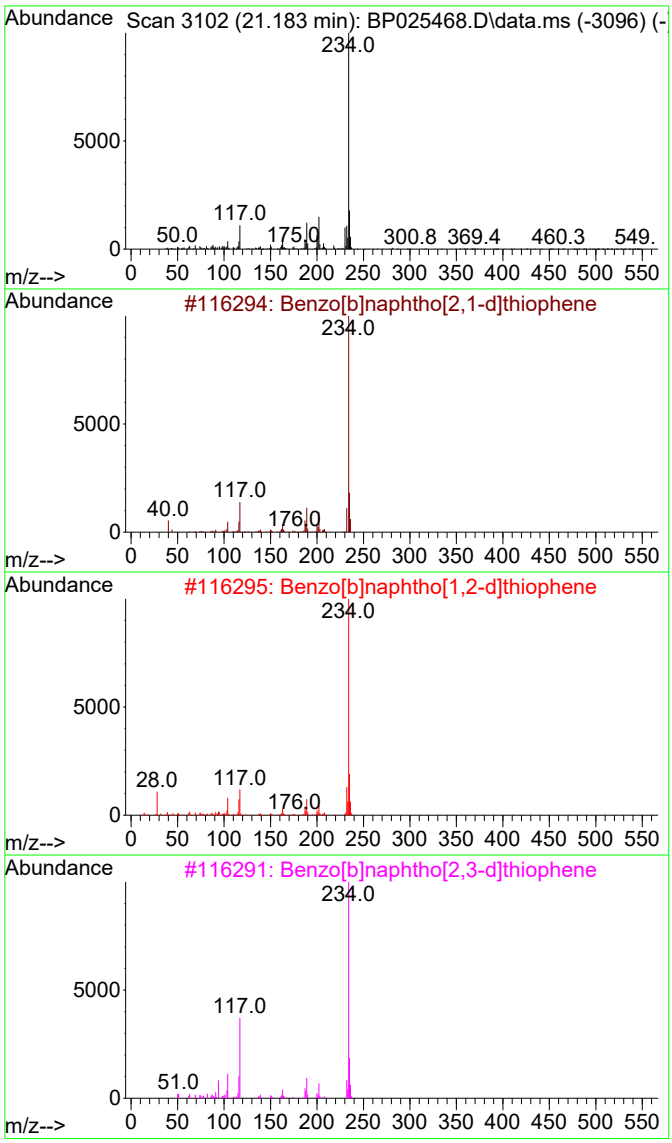
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

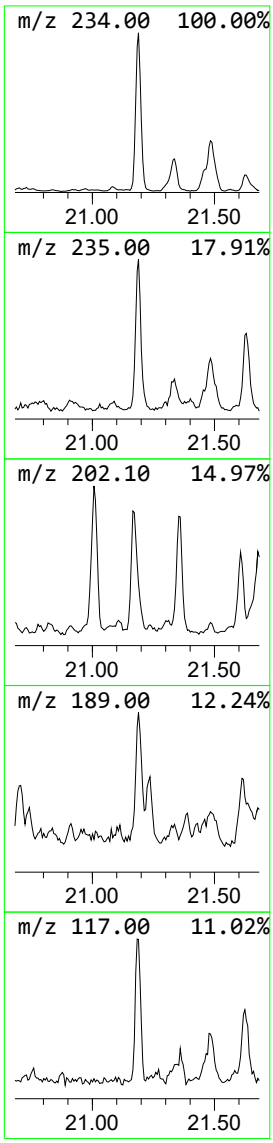
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.183	2.95 ng	1071620	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	72
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	53





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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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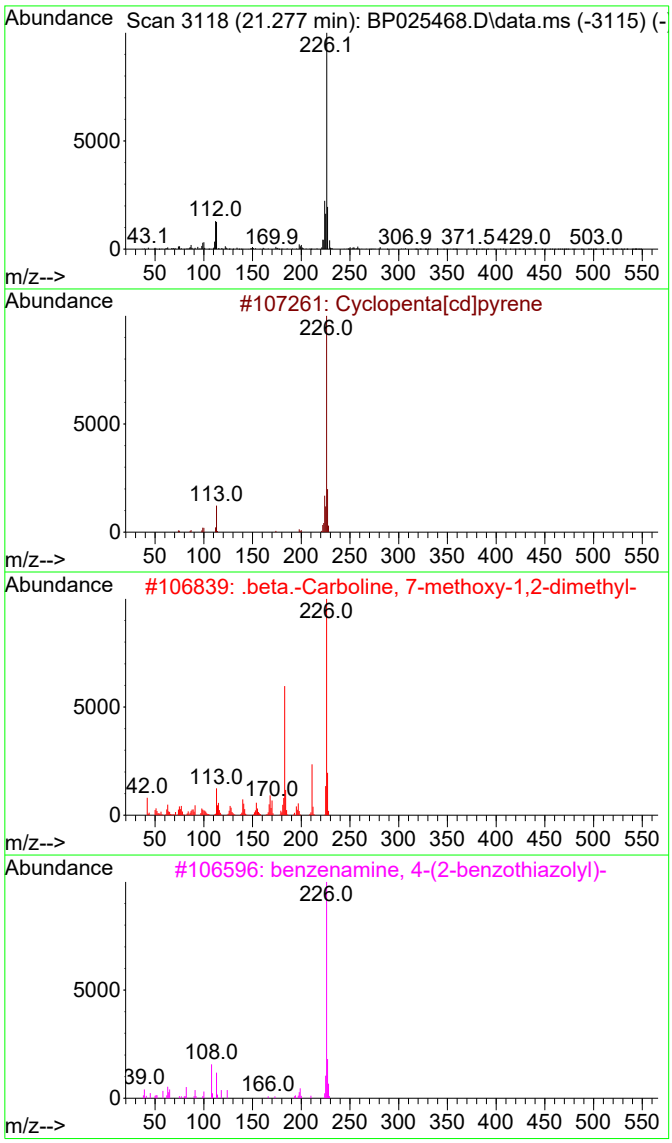
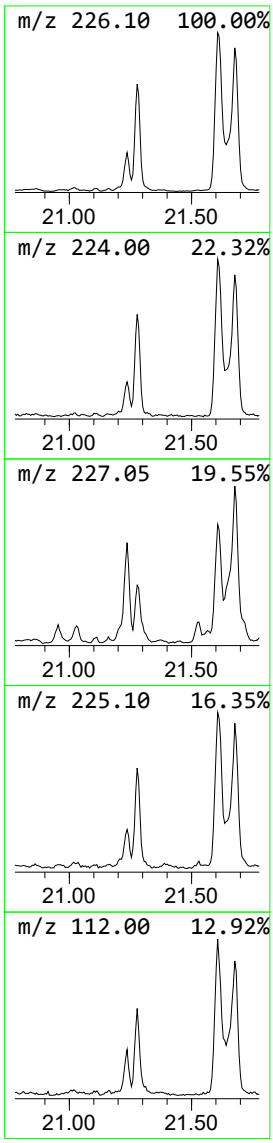
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	2.92 ng	1062700	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40





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ALS Vial : 15 Sample Multiplier: 1

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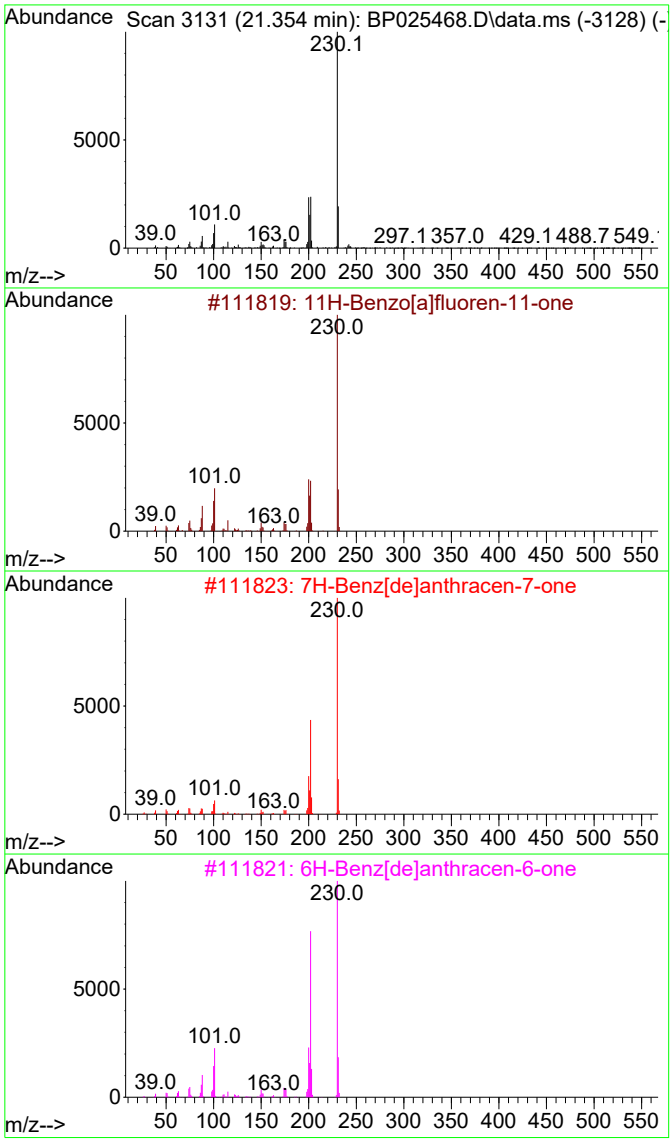
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

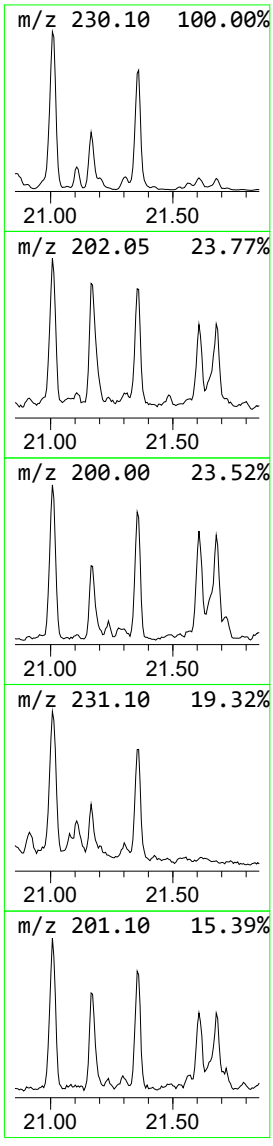
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.354	2.59 ng	942012	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	53





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Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

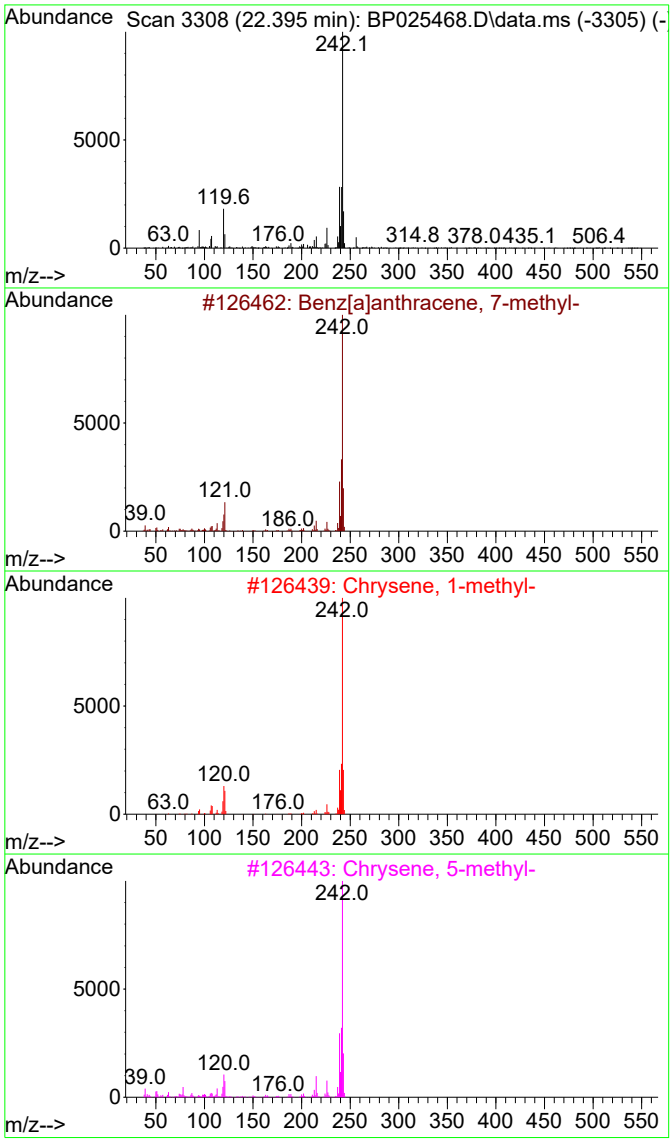
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

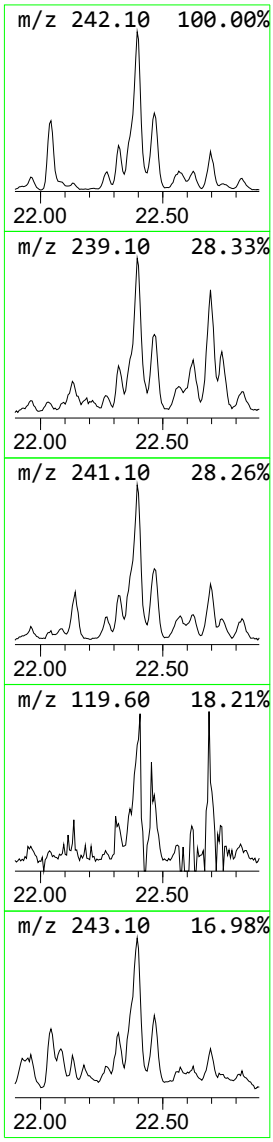
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.395	2.19 ng	796941	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

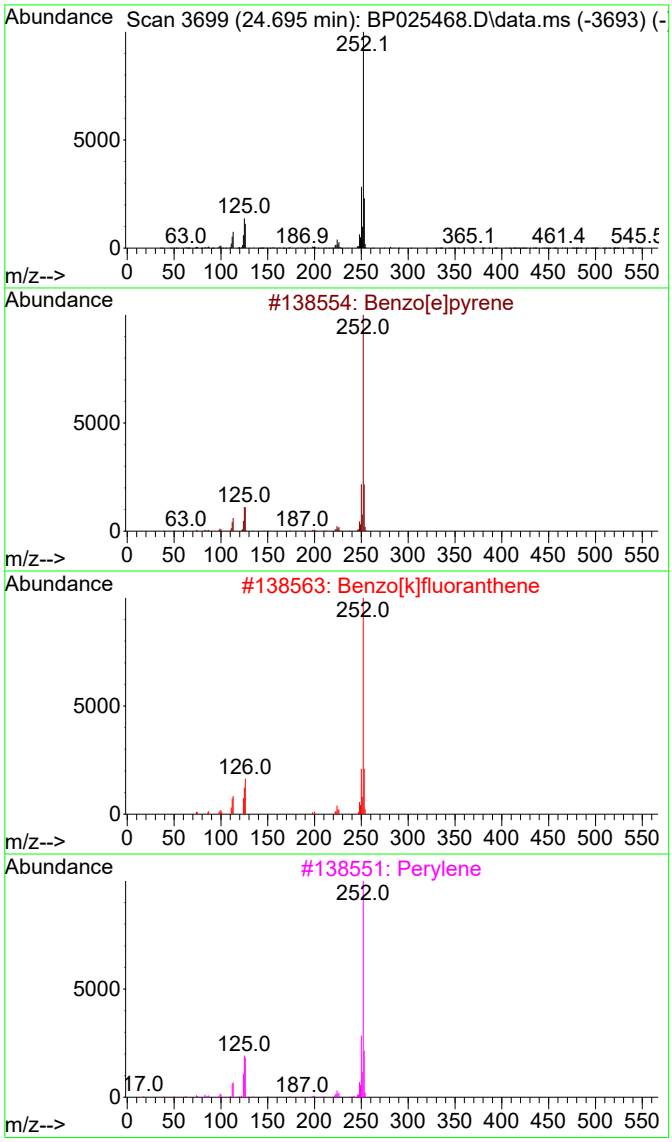
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

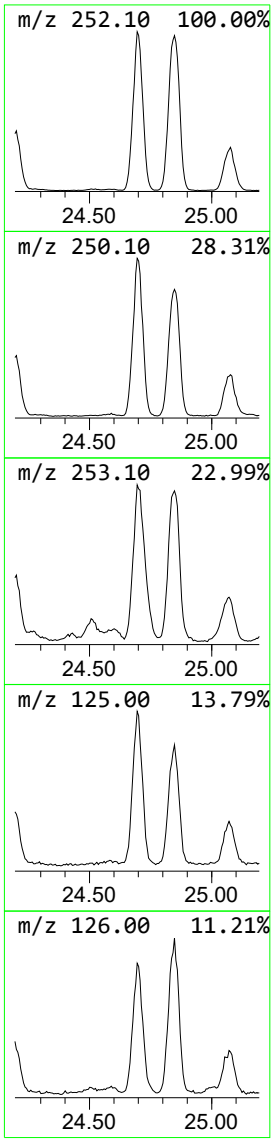
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.695	26.88 ng	3400840	Perylene-d12	24.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025468.D
Acq On : 18 Aug 2025 19:39
Operator : CG/JU
Sample : Q2832-07 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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...	3.043	7.6	ng	366518	1	7.790	961511	20.0
Benzophenone	15.772	2.6	ng	232675	3	14.401	1793530	20.0
Anthracene, 2-m...	18.101	3.3	ng	352009	4	17.195	2111700	20.0
Phenanthrene, 2...	18.148	6.4	ng	678679	4	17.195	2111700	20.0
Phenanthrene, 1...	18.230	3.1	ng	327766	4	17.195	2111700	20.0
4H-Cyclopenta[d...	18.295	7.5	ng	795725	4	17.195	2111700	20.0
Naphthalene, 2-...	18.613	2.4	ng	254248	4	17.195	2111700	20.0
9,10-Anthracene...	18.654	2.7	ng	284052	4	17.195	2111700	20.0
Phenanthrene, 3...	18.925	2.2	ng	228639	4	17.195	2111700	20.0
Phenanthrene, 2...	19.054	6.3	ng	663590	4	17.195	2111700	20.0
Phenanthrene, 1...	19.107	3.7	ng	395094	4	17.195	2111700	20.0
Cyclopenta(def)...	19.189	5.7	ng	598823	4	17.195	2111700	20.0
Pyrene, 1-methyl-	20.048	3.3	ng	1190780	5	21.624	7268010	20.0
Pyrene, 4-methyl-	20.377	2.9	ng	1036360	5	21.624	7268010	20.0
7H-Benz[de]anth...	21.007	3.2	ng	1153080	5	21.624	7268010	20.0
Benzo[b]naphtho...	21.183	3.0	ng	1071620	5	21.624	7268010	20.0
Cyclopenta[cd]p...	21.277	2.9	ng	1062700	5	21.624	7268010	20.0
11H-Benzo[a]flu...	21.354	2.6	ng	942012	5	21.624	7268010	20.0
Benz[a]anthrace...	22.395	2.2	ng	796941	5	21.624	7268010	20.0
Benzo[e]pyrene	24.695	26.9	ng	3400840	6	24.995	2530440	20.0