LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-092525

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	29	rVB	1275095	1637637	25.74%	1.966%
2	5.384	409	416	433	rBV	1491104	2476326	38.92%	2.973%
3	6.949	674	682	708	rBV	1184096	2399069	37.70%	2.880%
4	7.743	809	817	826	rBV	713828	1171605	18.41%	1.406%
5	8.896	1005	1013	1020	rBV	761698	1445585	22.72%	1.735%
6	10.513	1279	1288	1294	rBV	901742	1573938	24.74%	1.889%
7	10.560	1294	1296	1306	rVB	128602	211585	3.33%	0.254%
8	12.190	1565	1573	1581	rBV	83721	147520	2.32%	0.177%
9	12.396	1599	1608	1619	rBV	82418	179221	2.82%	0.215%
10	12.984	1698	1708	1730	rBV	1778750	3174232	49.88%	3.811%
11	13.190	1739	1743	1749	rVB2	36207	66925	1.05%	0.080%
12	13.548	1795	1804	1810	rBV3	48447	144498	2.27%	0.173%
13	13.684	1822	1827	1832	rBV	106220	179019	2.81%	0.215%
14	13.743	1832	1837	1841	rVB	50999	79156	1.24%	0.095%
15	14.090	1890	1896	1906	rBV	202644	336648	5.29%	0.404%
16	14.372	1934	1944	1950	rVV	1366812	2187390	34.38%	2.626%
17	14.431	1950	1954	1962	rVB	253904	382343	6.01%	0.459%
18	14.590	1976	1981	1989	rVB3	26404	63806	1.00%	0.077%
19	14.772	2007	2012	2019	rBV	213648	336051	5.28%	0.403%
20	14.995	2045	2050	2054	rBV2	50510	88219	1.39%	0.106%
21	15.172	2074	2080	2083	rBV5	42350	79105	1.24%	0.095%
22	15.431	2118	2124	2137	rVB	453816	792281	12.45%	0.951%
23	15.648	2157	2161	2165	rBV4	51368	79147	1.24%	0.095%
24	15.748	2171	2178	2192	rVB2	517006	830916	13.06%	0.998%
25	15.889	2193	2202	2212	rBV	1657035	2691674	42.30%	3.231%
26	16.131	2235	2243	2248	rVB3	77996	189330	2.98%	0.227%
27	16.331	2272	2277	2282	rVB3	37174	65890	1.04%	0.079%
28	16.454	2291	2298	2303	rBV2	109266	230816	3.63%	0.277%
29	16.507	2304	2307	2314	rVB2	65247	110800	1.74%	0.133%
30	16.572	2314	2318	2322	rBV7	38345	66922	1.05%	0.080%
31	16.613	2322	2325	2330	rVB	71614	95929	1.51%	0.115%
32	16.825	2357	2361	2368	rVB2	46360	81803	1.29%	0.098%
33	16.989	2384	2389	2396	rVB	239530	371899	5.84%	0.446%
34	17.172	2413	2420	2423	rBV	1529480	2371198	37.26%	2.847%
35	17.219	2423	2428	2434	rVV	2979944	4704648	73.94%	5.648%
36	17.313	2438	2444	2449	rVV	783012	1171704	18.41%	1.407%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.366	2449	2453	2459	rVB2	59515	133144	2.09%	0.160%
38	17.601	2487	2493	2504	rBV	166583	401104	6.30%	0.482%
39	17.701	2506	2510	2516	rVV2	100425	184249	2.90%	0.221%
40	17.766	2518	2521	2530	rVB2	89231	164827	2.59%	0.198%
41	17.919	2543	2547	2553	rVB	59652	109726	1.72%	0.132%
42	17.978	2553	2557	2565	rBV6	82131	178287	2.80%	0.214%
43	18.078	2568	2574	2575	rVV	461280	646903	10.17%	0.777%
44	18.101	2575	2578	2588	rVV2	1203877	2452783	38.55%	2.945%
45	18.207	2592	2596	2601	rVV	201889	308562	4.85%	0.370%
46	18.272	2601	2607	2612	rVV4	708972	1361477	21.40%	1.634%
47	18.319	2612	2615	2622	rVB	284674	446348	7.01%	0.536%
48	18.407	2626	2630	2633	rBV2	76203	102512	1.61%	0.123%
49	18.595	2658	2662	2667	rVV	236618	344760	5.42%	0.414%
50	18.648	2668	2671	2681	rVB2	130917	212231	3.34%	0.255%
51	18.842	2701	2704	2710	rVB	81686	97536	1.53%	0.117%
52	18.901	2710	2714	2718	rVB	94731	131278	2.06%	0.158%
53	18.948	2718	2722	2727	rVB2	63780	92822	1.46%	0.111%
54	19.031	2731	2736	2740	rBV	305632	441994	6.95%	0.531%
55	19.095	2740	2747	2750	rBV5	123298	269861	4.24%	0.324%
56	19.172	2755	2760	2768	rBV4	157143	355795	5.59%	0.427%
57	19.295	2775	2781	2790	rBV	3531164	6318304	99.30%	7.585%
58	19.366	2790	2793	2797	rVB3	82708	101967	1.60%	0.122%
59	19.430	2801	2804	2807	rBV2	257903	301826	4.74%	0.362%
60	19.554	2822	2825	2829	rVB	117919	136383	2.14%	0.164%
61	19.672	2837	2845	2856	rBV2	2981745	6363121	100.00%	7.639%
62	19.754	2856	2859	2865	rVB2	196803	323598	5.09%	0.388%
63	19.895	2874	2883	2887	rBV	3788566	4917560	77.28%	5.903%
64	20.013	2899	2903	2904	rBV2	279251	307691	4.84%	0.369%
65	20.166	2924	2929	2930	rBV2	194452	298167	4.69%	0.358%
66	20.201	2931	2935	2944	rVB2	668120	1113266	17.50%	1.336%
67	20.307	2949	2953	2957	rVV	665691	838020	13.17%	1.006%
68	20.366	2960	2963	2967	rVB	453257	542090	8.52%	0.651%
69	20.501	2983	2986	2991	rBV	237818	296422	4.66%	0.356%
70	20.554	2991	2995	3001	rBV3	246461	497708	7.82%	0.597%
71	20.995	3068	3070	3075	rVB	230172	261101	4.10%	0.313%
72	21.177	3098	3101	3105	rBV	207912	265662	4.18%	0.319%
73	21.272	3113	3117	3124	rBV2	539315	898306	14.12%	1.078%
74	21.613	3167	3175	3180	rBV2	2120650	5857067	92.05%	7.031%
75	21.672	3181	3185	3197	rVB	1571695	2722689	42.79%	3.269%
76	21.819	3207	3210	3213	rBV2	240031	335991	5.28%	0.403%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.907	3557	3565	3571	rBV	1102077	3251535	51.10%	3.903%
78	24.660	3686	3693	3700	rVB	528849	1443337	22.68%	1.733%
79	24.813	3712	3719	3735	rVB	925521	2796404	43.95%	3.357%
80	24.977	3740	3747	3754	rVV	976349	2460441	38.67%	2.954%

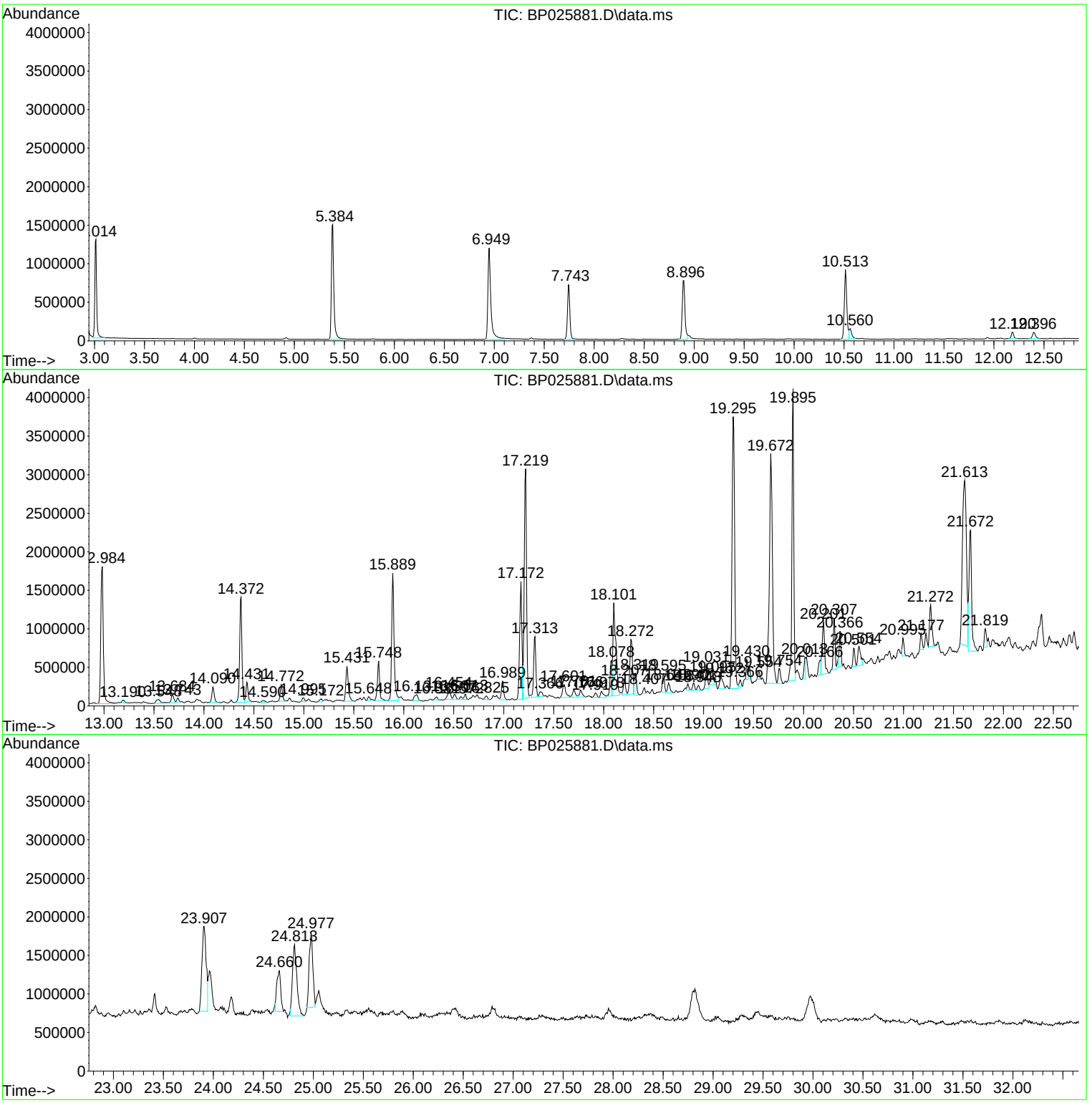
Sum of corrected areas: 83299690

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

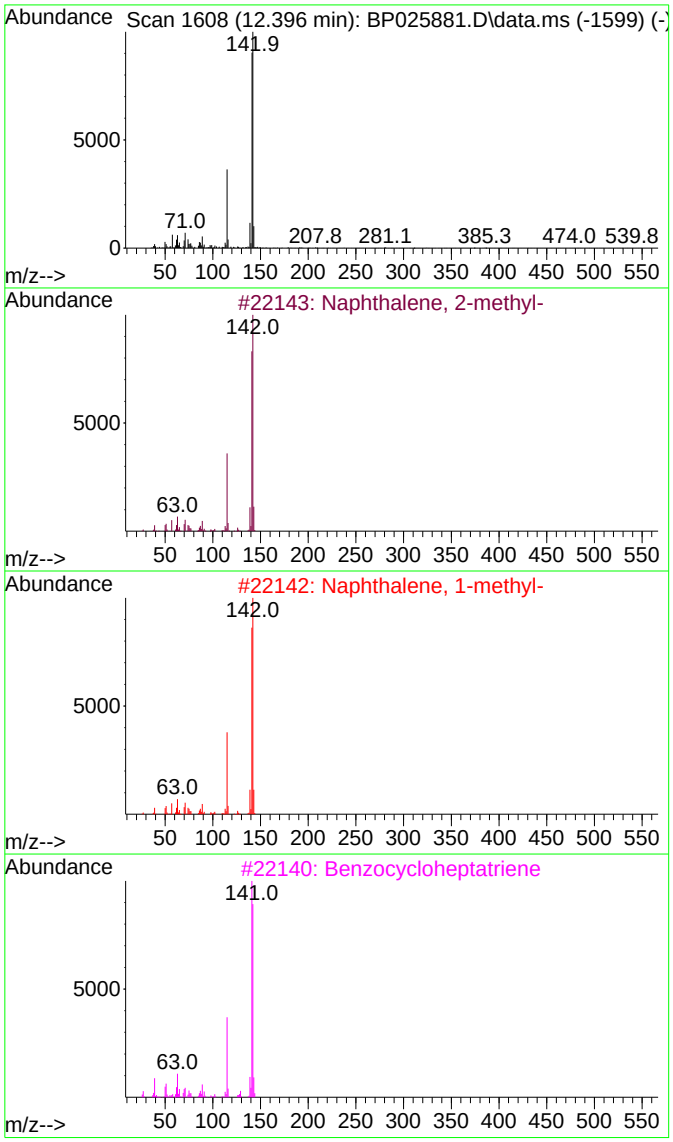
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

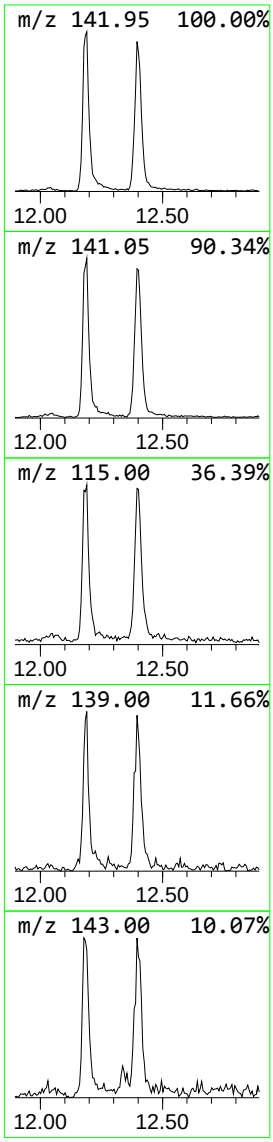
****

Peak Number 2 Naphthalene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.396	2.28 ng	179221	Naphthalene-d8	10.513

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1-Naphthaleneacetic acid, methyl...	200	C13H12O2	002876-78-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

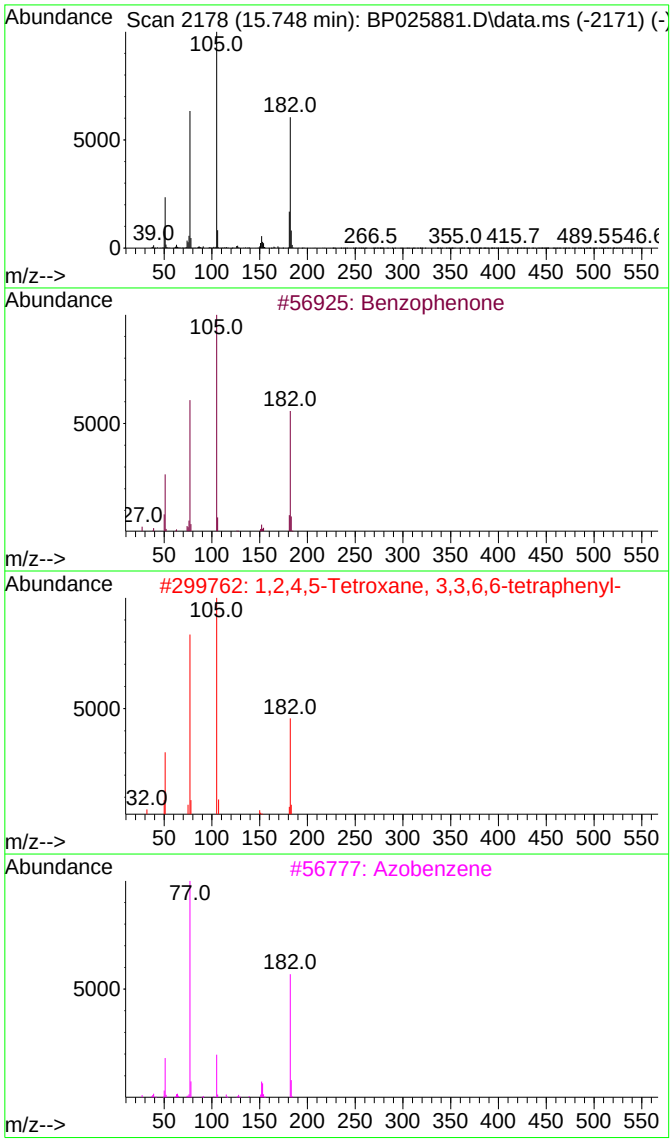
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

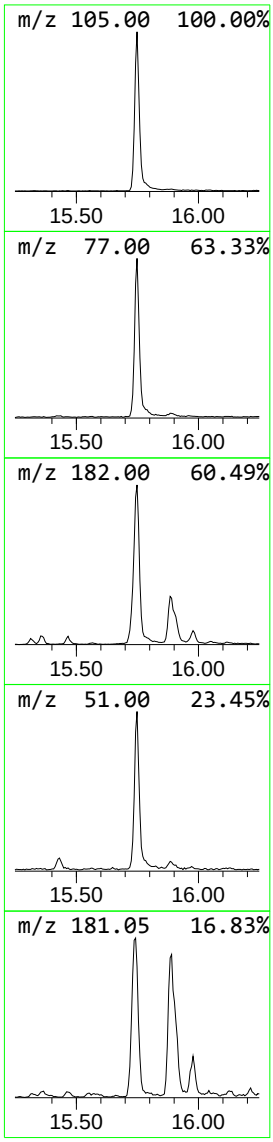
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.748	7.60 ng	830916	Acenaphthene-d10	14.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	56
3	Azobenzene	182	C12H10N2	000103-33-3	42
4	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	32
5	1,2,4-Triazolo[4,3-b]pyridazine,...	182	C7H7ClN4	028593-26-2	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

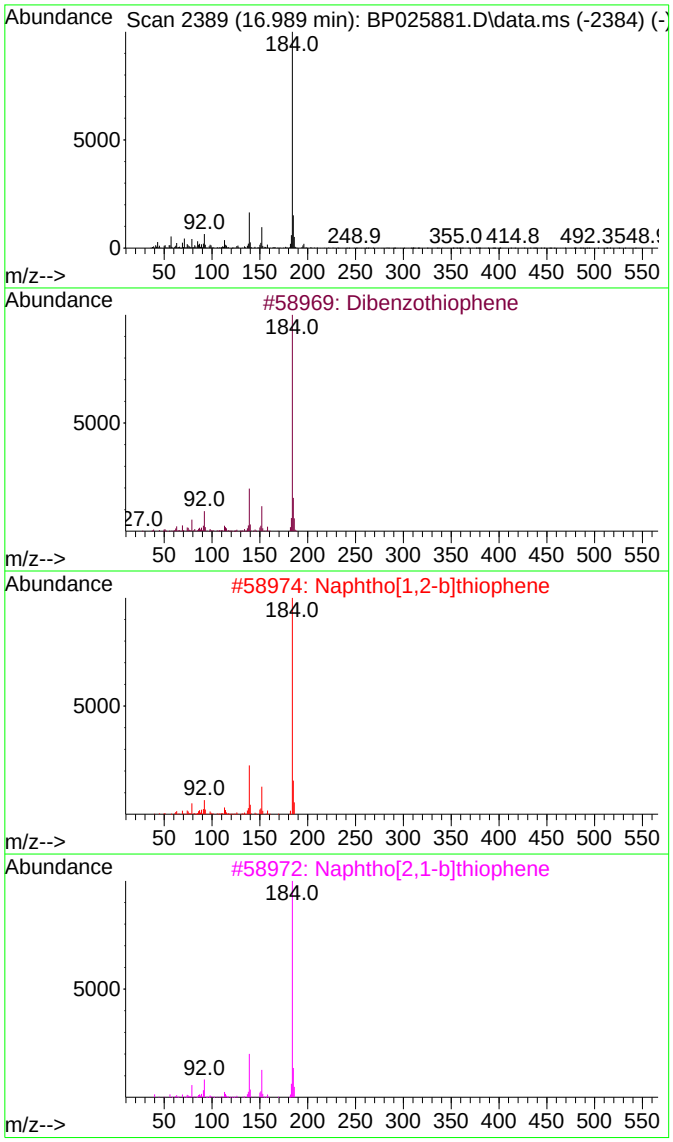
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

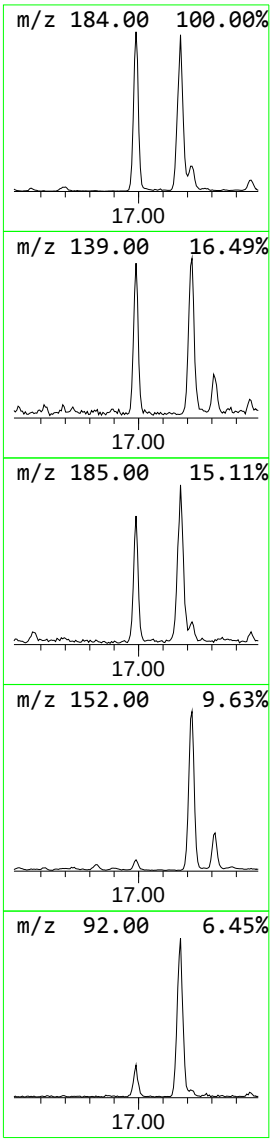
****

Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.989	3.14 ng	371899	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

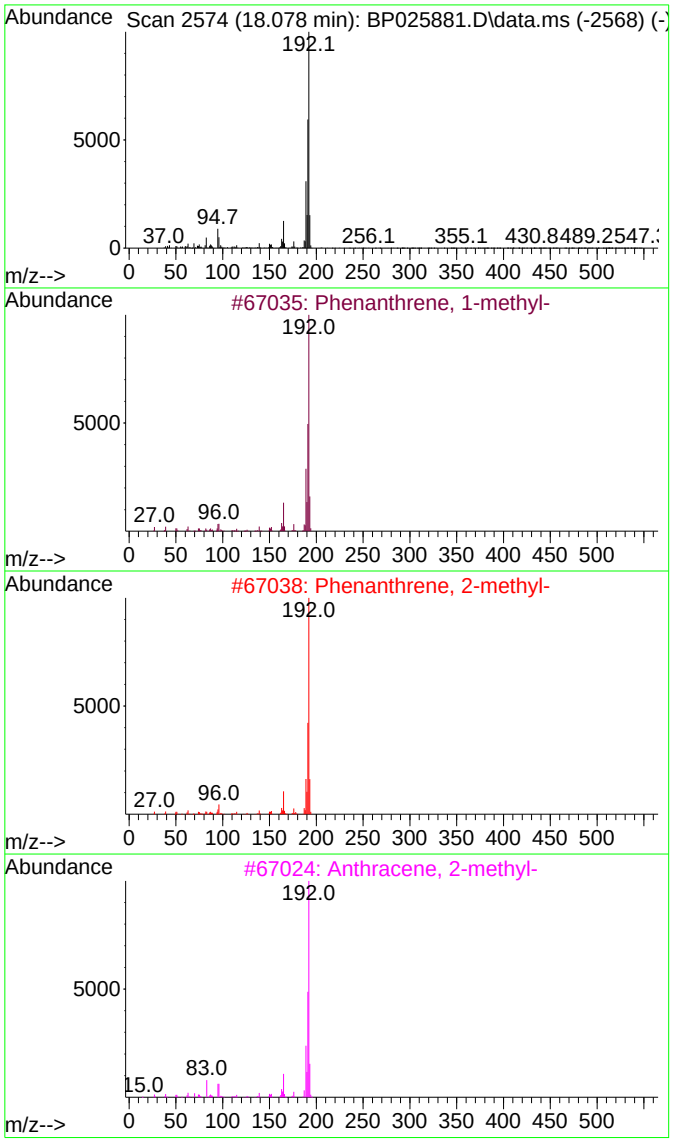
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

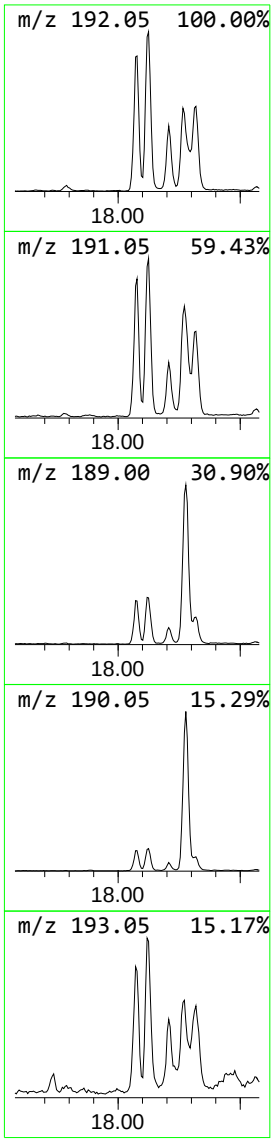
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.078	5.46 ng	646903	Phenanthrene-d10	17.172

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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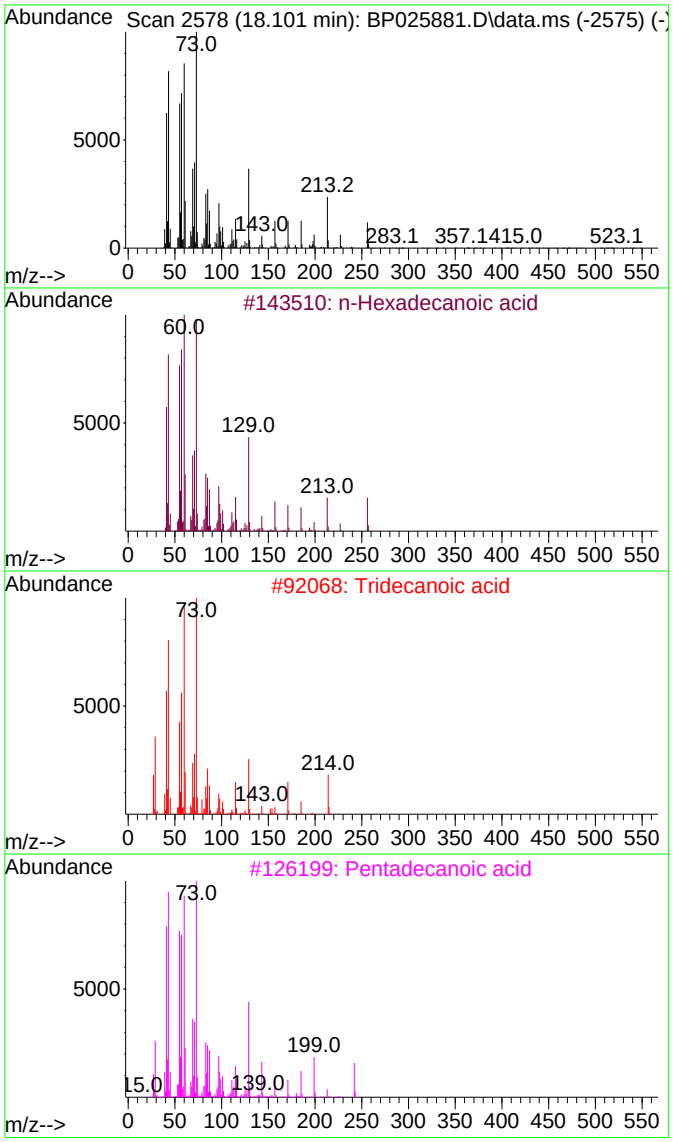
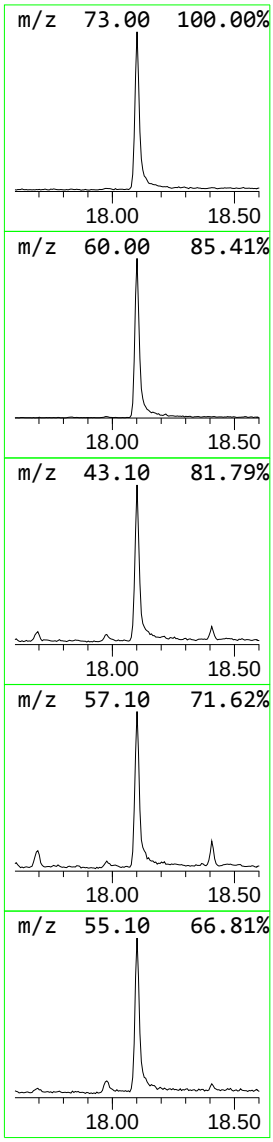
Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.101	20.69 ng	2452780	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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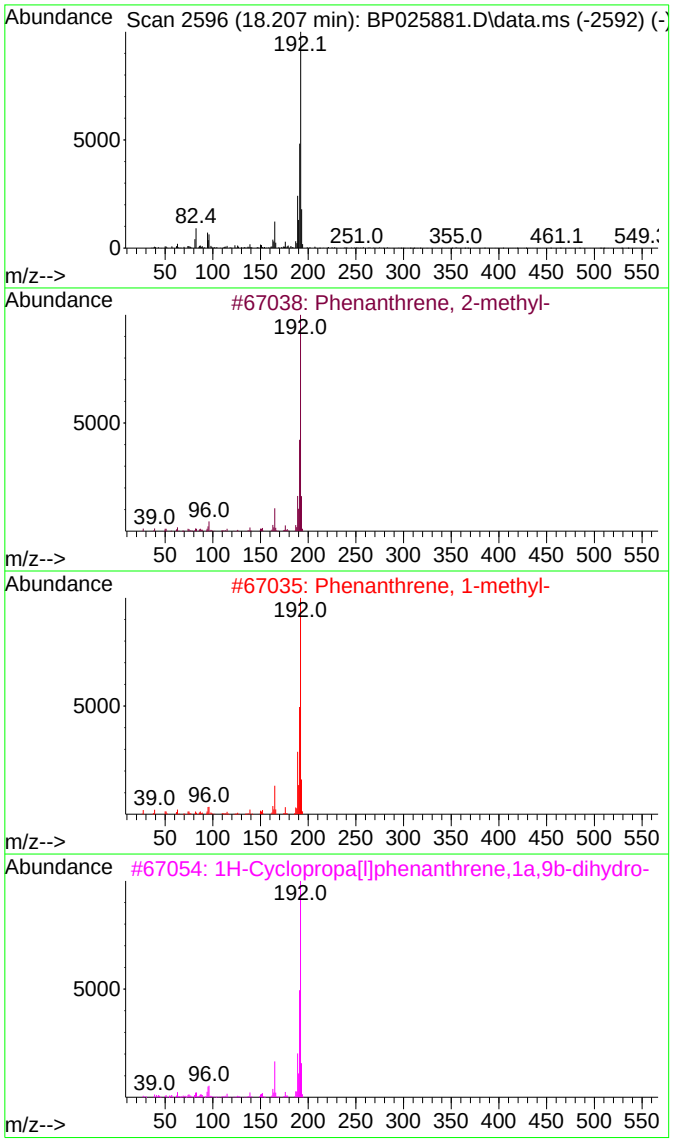
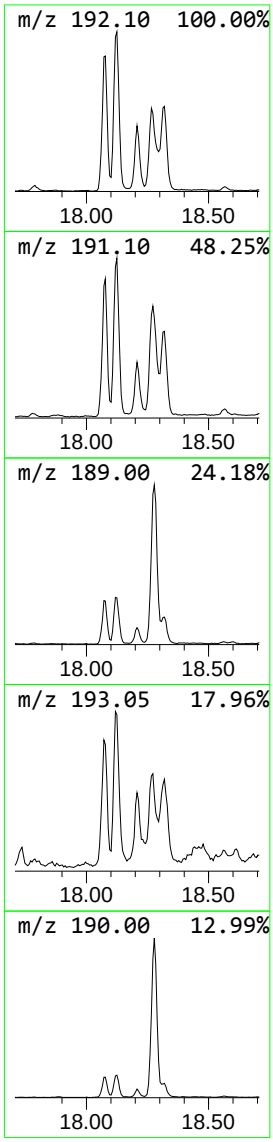
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.207	2.60 ng	308562	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

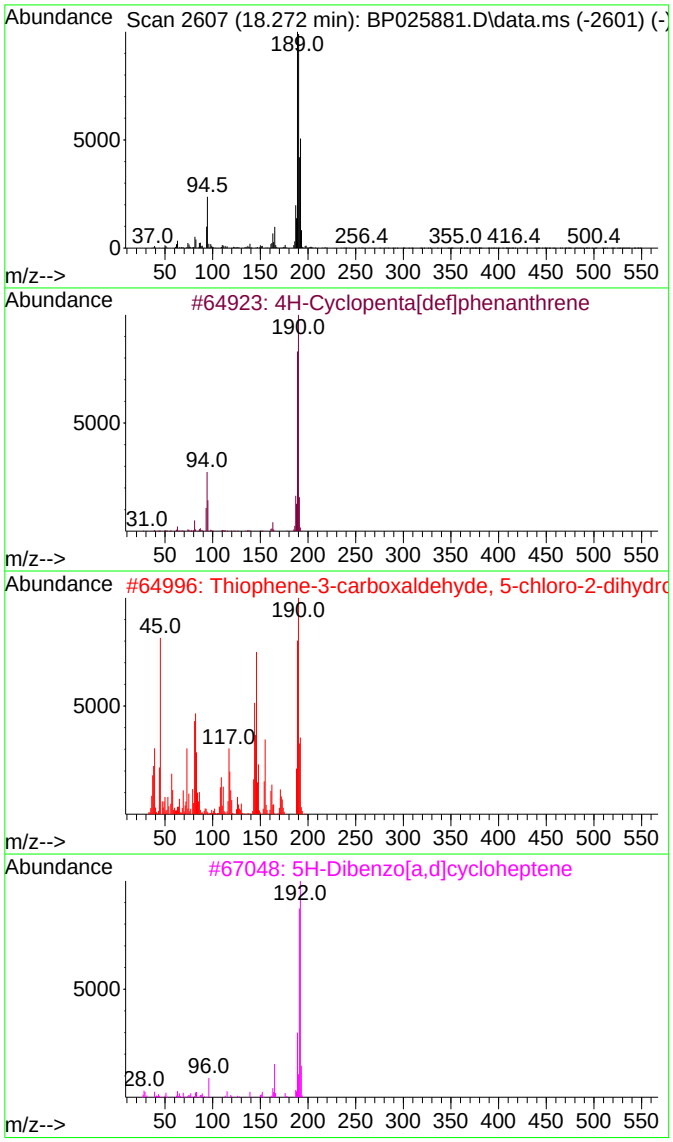
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

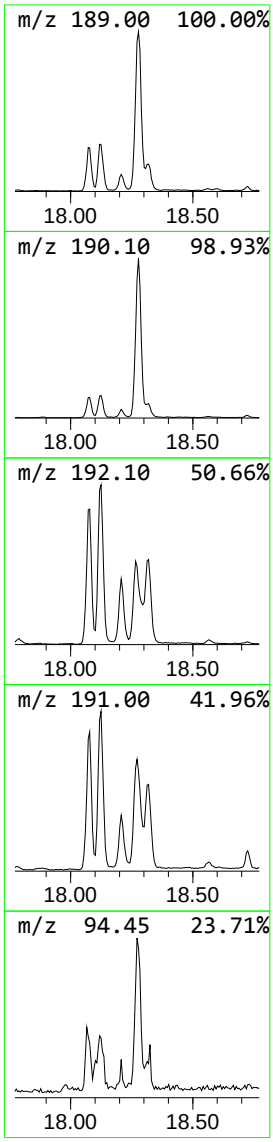
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.272	11.48 ng	1361480	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	11





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Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

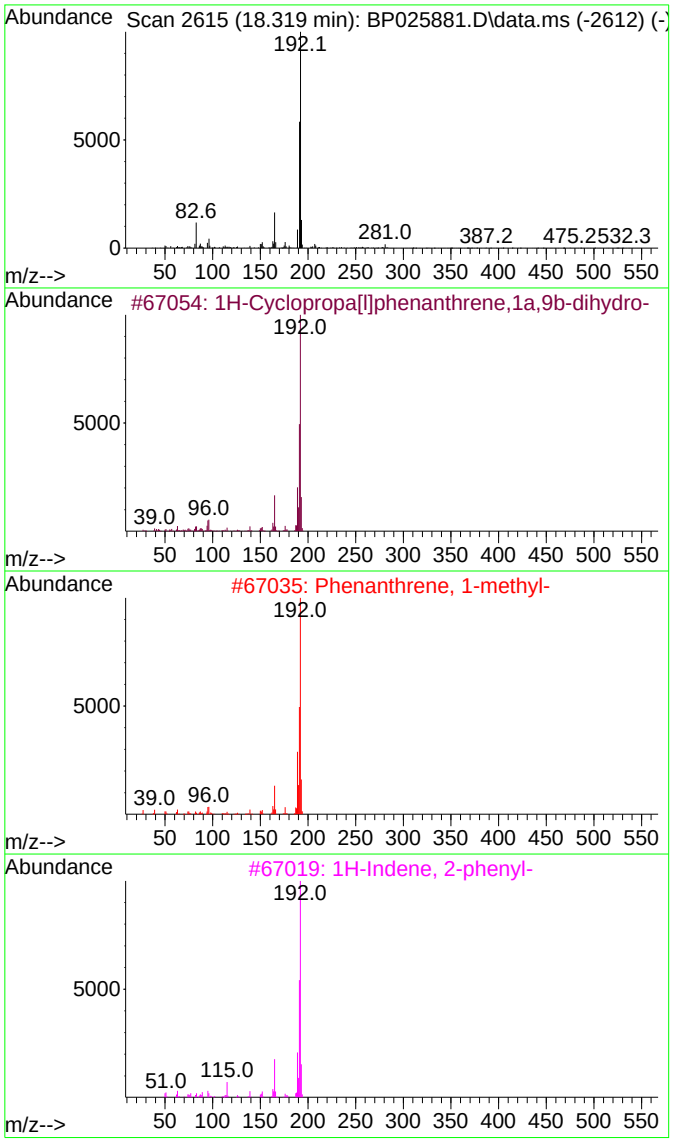
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

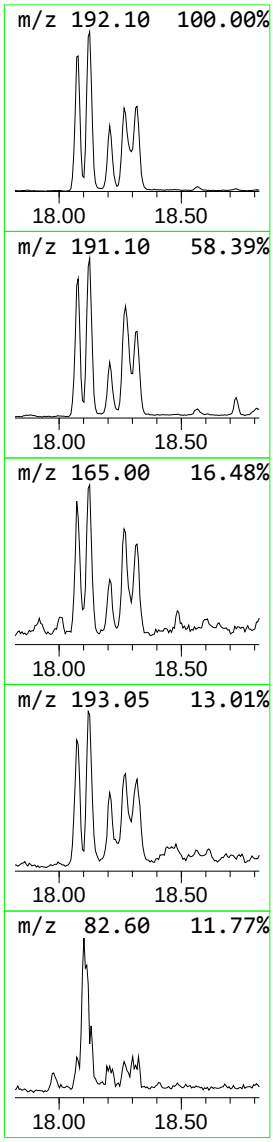
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.319	3.76 ng	446348	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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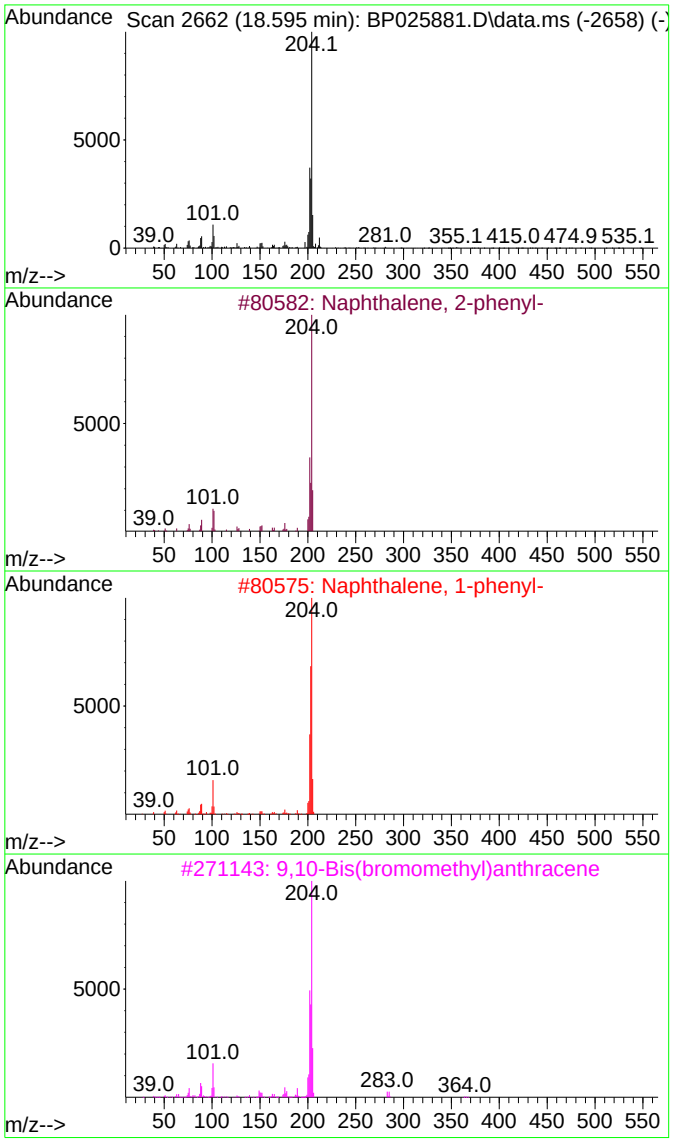
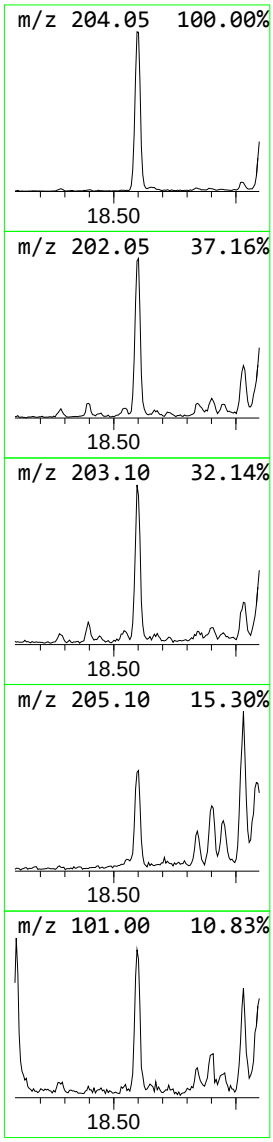
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.595	2.91 ng	344760	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50





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Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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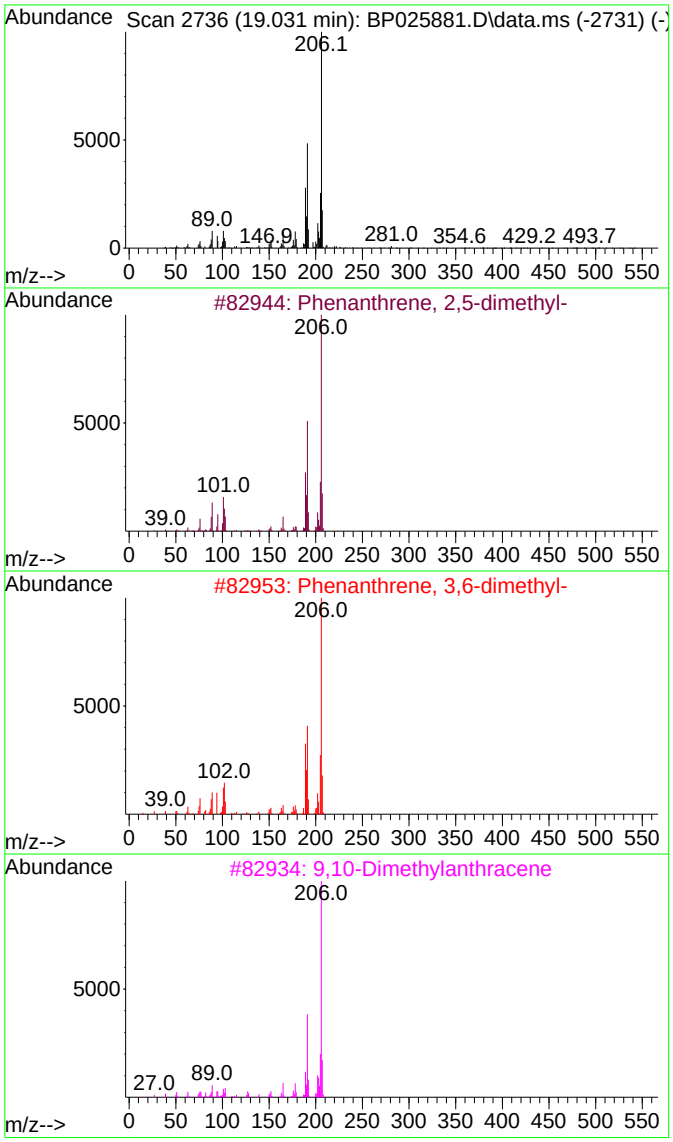
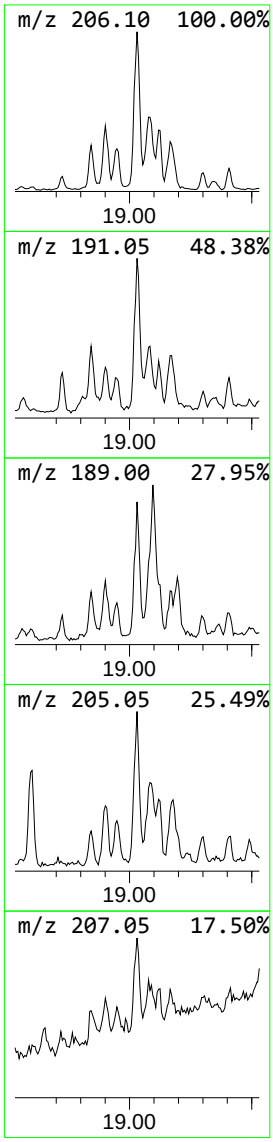
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.031	3.73 ng	441994	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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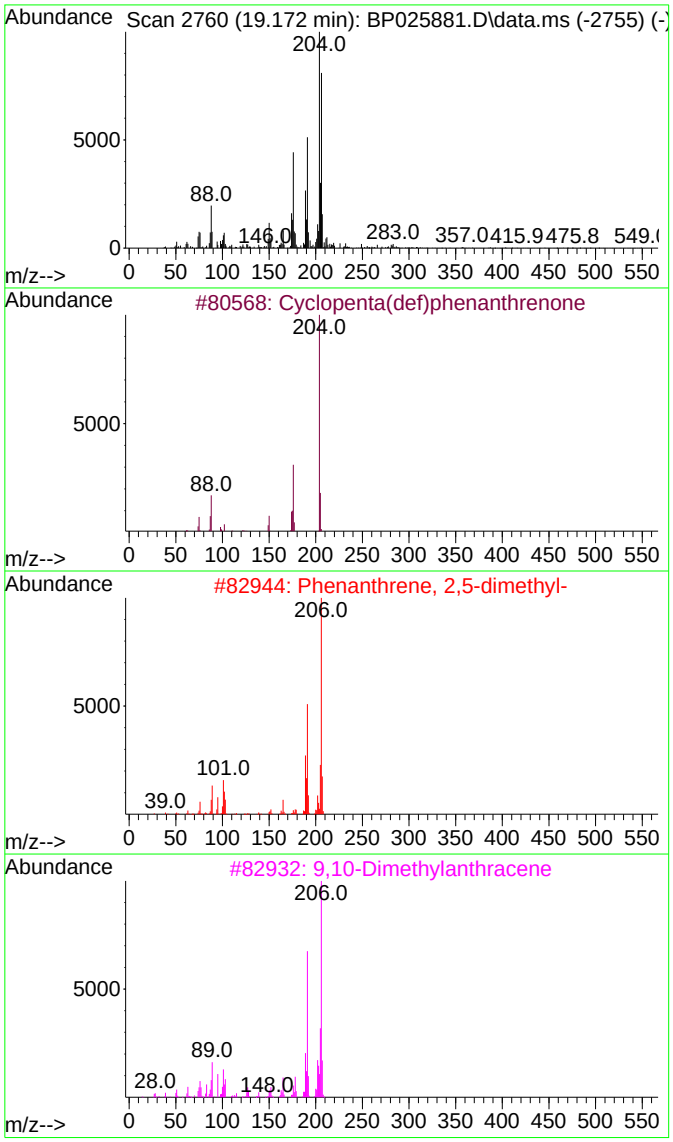
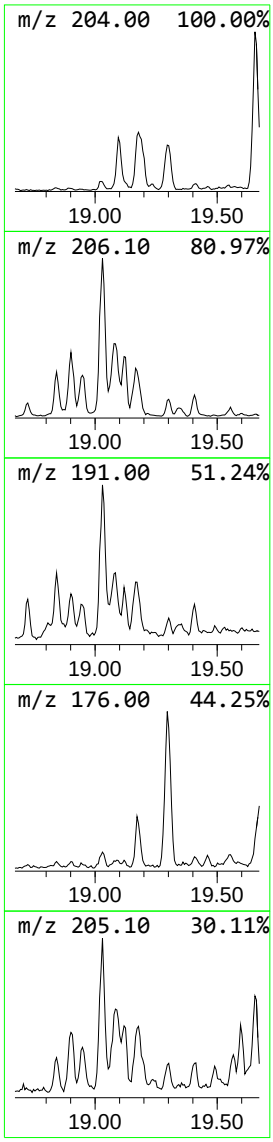
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.172	3.00 ng	355795	Phenanthrene-d10	17.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	46





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Acq On : 29 Sep 2025 15:04
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Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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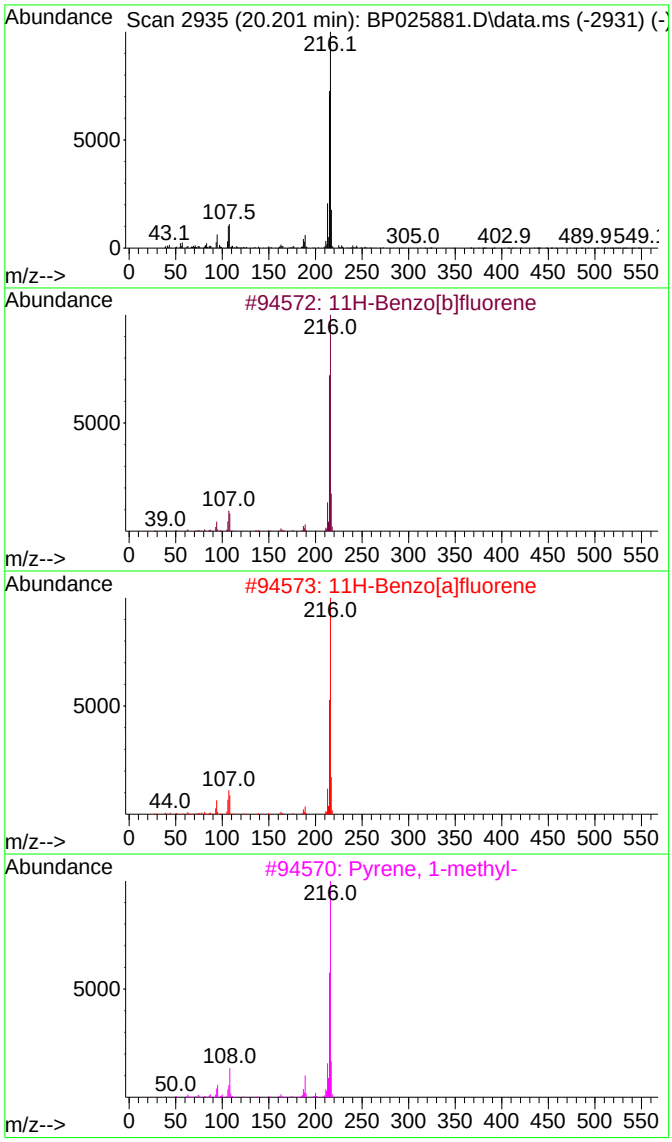
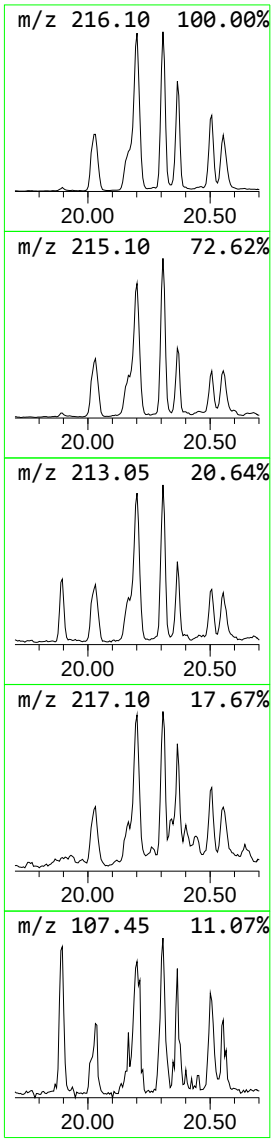
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.201	3.80 ng	1113270	Chrysene-d12	21.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





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Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-02-092525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.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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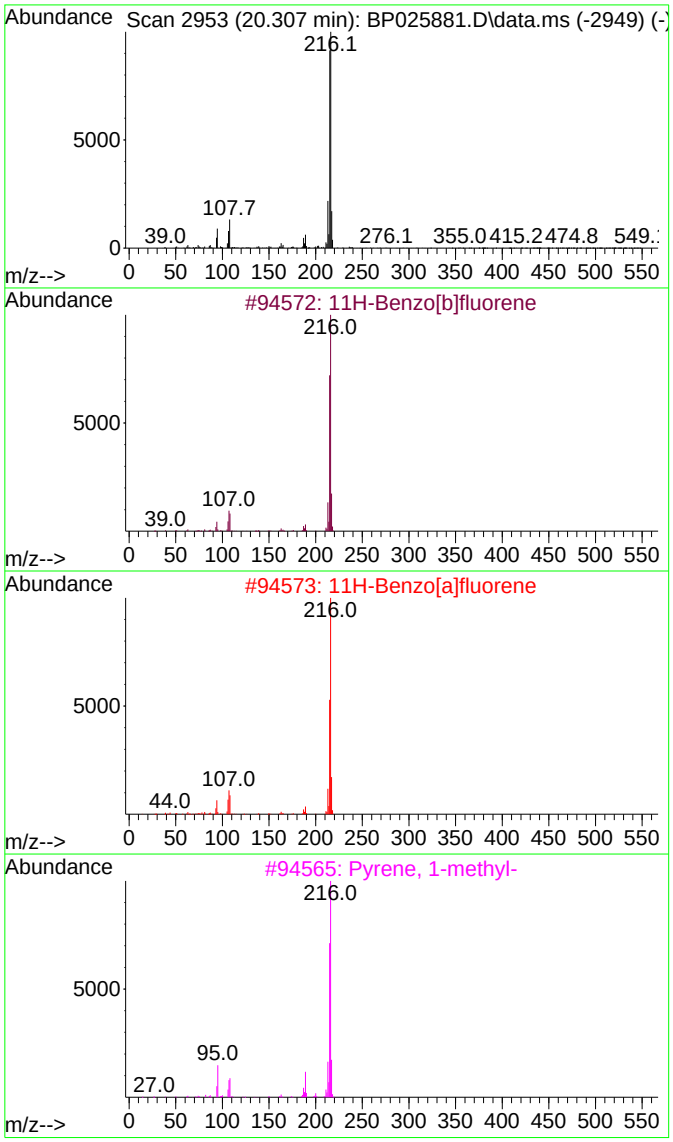
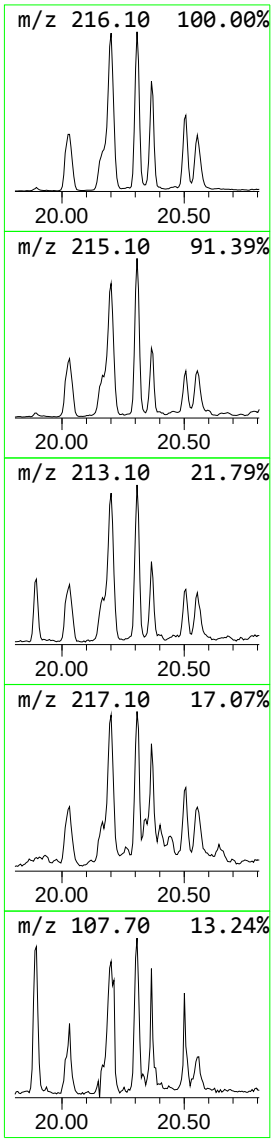
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.307	2.86 ng	838020	Chrysene-d12	21.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-092525

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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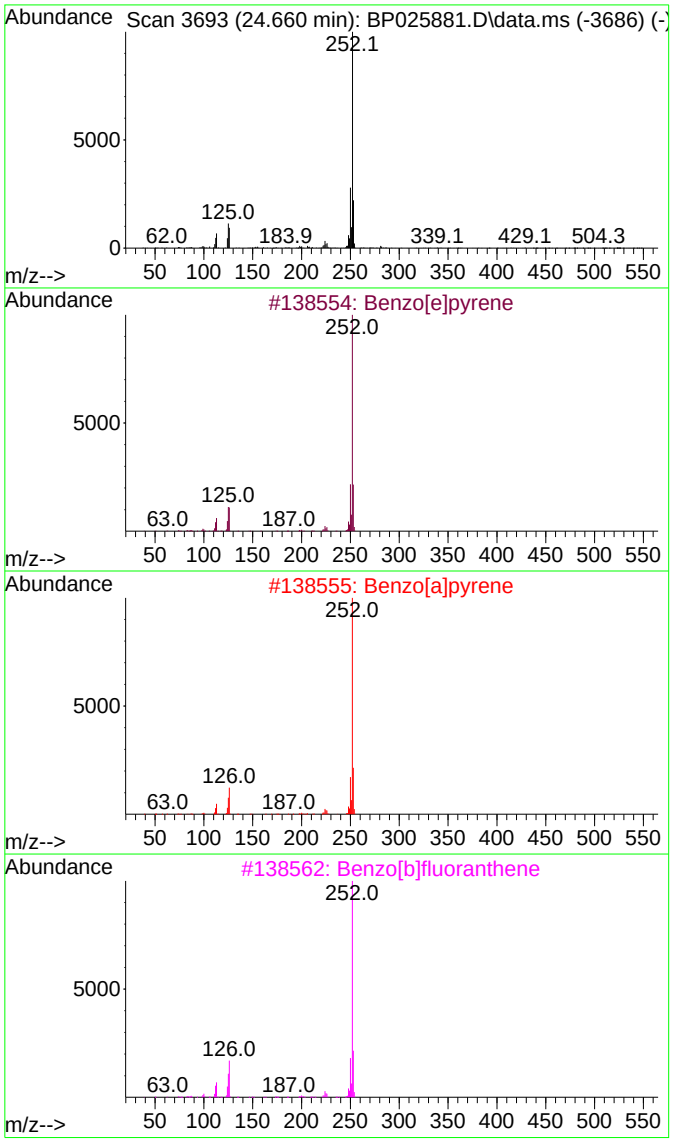
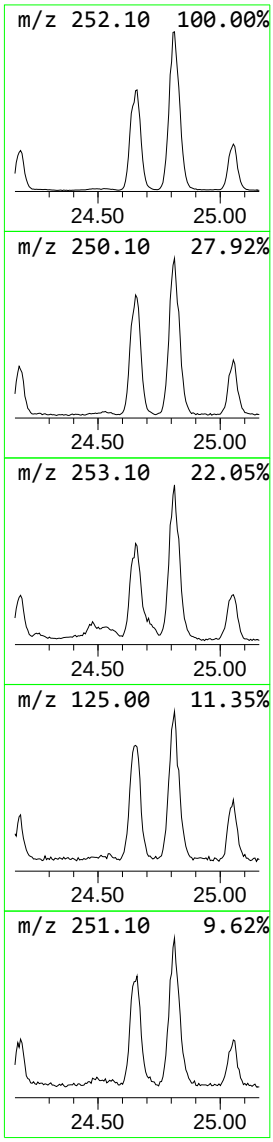
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.660	11.73 ng	1443340	Perylene-d12	24.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
Data File : BP025881.D
Acq On : 29 Sep 2025 15:04
Operator : CG/JU
Sample : Q3209-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2-...	12.396	2.3	ng	179221	2	10.513	1573940	20.0
Benzophenone	15.748	7.6	ng	830916	3	14.372	2187390	20.0
Dibenzothiophene	16.989	3.1	ng	371899	4	17.172	2371200	20.0
Phenanthrene, 1...	18.078	5.5	ng	646903	4	17.172	2371200	20.0
n-Hexadecanoic ...	18.101	20.7	ng	2452780	4	17.172	2371200	20.0
Phenanthrene, 2...	18.207	2.6	ng	308562	4	17.172	2371200	20.0
4H-Cyclopenta[d...	18.272	11.5	ng	1361480	4	17.172	2371200	20.0
1H-Cyclopropa[l...	18.319	3.8	ng	446348	4	17.172	2371200	20.0
Naphthalene, 2-...	18.595	2.9	ng	344760	4	17.172	2371200	20.0
Phenanthrene, 2...	19.031	3.7	ng	441994	4	17.172	2371200	20.0
Cyclopenta(def)...	19.172	3.0	ng	355795	4	17.172	2371200	20.0
11H-Benzo[b]flu...	20.201	3.8	ng	1113270	5	21.619	5857070	20.0
11H-Benzo[a]flu...	20.307	2.9	ng	838020	5	21.619	5857070	20.0
Benzo[e]pyrene	24.660	11.7	ng	1443340	6	24.977	2460440	20.0