LSC Area Percent Report

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BP024967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	306	312	321	rBV	268635	386748	2.14%	0.215%
2	5.243	385	392	409	rBV	2671765	4369162	24.19%	2.433%
3	6.819	653	660	684	rBV	2342025	4590267	25.42%	2.556%
4	7.607	787	794	810	rBV	1035646	1621019	8.98%	0.903%
5	8.760	982	990	1006	rBV	1615046	2917614	16.16%	1.624%
6	10.378	1252	1265	1271	rBV	1297874	2253969	12.48%	1.255%
7	12.854	1676	1686	1696	rBV	4139601	6343126	35.12%	3.532%
8	13.566	1801	1807	1812	rBV2	129058	250958	1.39%	0.140%
9	13.972	1871	1876	1886	rBV	335117	503745	2.79%	0.280%
10	14.248	1916	1923	1929	rBV	1882042	2987954	16.55%	1.664%
11	14.313	1929	1934	1942	rVB	795362	1112570	6.16%	0.619%
12	14.654	1988	1992	1998	rVB	502757	762382	4.22%	0.424%
13	14.878	2026	2030	2034	rBV3	134944	207135	1.15%	0.115%
14	15.060	2053	2061	2064	rBV4	96237	240544	1.33%	0.134%
15	15.319	2099	2105	2116	rBV2	1018831	1615724	8.95%	0.900%
16	15.484	2129	2133	2137	rVB3	174724	242571	1.34%	0.135%
17	15.531	2137	2141	2145	rBV2	200254	293997	1.63%	0.164%
18	15.631	2152	2158	2164	rVB3	566804	1104477	6.12%	0.615%
19	15.778	2173	2183	2190	rBV	4045360	6197560	34.32%	3.451%
20	16.001	2216	2221	2223	rBV3	314915	468355	2.59%	0.261%
21	16.342	2272	2279	2284	rBV2	256050	556293	3.08%	0.310%
22	16.395	2284	2288	2293	rVB2	221263	330606	1.83%	0.184%
23	16.495	2302	2305	2310	rVB	212174	284695	1.58%	0.159%
24	16.583	2316	2320	2323	rBV2	127802	209276	1.16%	0.117%
25	16.619	2323	2326	2330	rVB2	176233	211849	1.17%	0.118%
26	16.778	2349	2353	2355	rBV2	163111	245644	1.36%	0.137%
27	16.807	2356	2358	2363	rVV	271478	372878	2.06%	0.208%
28	16.866	2363	2368	2378	rVB2	641368	1044265	5.78%	0.581%
29	17.054	2394	2400	2403	rBV	2512664	3560008	19.71%	1.982%
30	17.095	2403	2407	2413	rVB	3398045	4782159	26.48%	2.663%
31	17.189	2418	2423	2429	rVV	2705492	3479863	19.27%	1.937%
32	17.260	2429	2435	2439	rVV2	200289	396345	2.19%	0.221%
33	17.483	2467	2473	2482	rBV2	271344	647337	3.58%	0.360%
34	17.566	2484	2487	2494	rVV2	279786	593232	3.28%	0.330%
35	17.648	2498	2501	2510	rVB2	254878	515173	2.85%	0.287%
36	17.795	2523	2526	2532	rVB	149016	242188	1.34%	0.135%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	17.954	2548	2553	2556	rBV	831265	1276492	7.07%	0.711%
38	17.995	2556	2560	2568	rVB2	1322538	2513778	13.92%	1.400%
39	18.089	2572	2576	2581	rVV	649620	1004298	5.56%	0.559%
40	18.160	2581	2588	2592	rVV2	2064613	3769521	20.87%	2.099%
41	18.195	2592	2594	2601	rVB	675350	872934	4.83%	0.486%
42	18.289	2606	2610	2614	rBV2	309491	429141	2.38%	0.239%
43	18.372	2620	2624	2628	rBV2	184025	246906	1.37%	0.137%
44	18.477	2638	2642	2648	rBV	780842	934383	5.17%	0.520%
45	18.530	2649	2651	2659	rVB2	179258	224918	1.25%	0.125%
46	18.707	2677	2681	2682	rBV	134520	188567	1.04%	0.105%
47	18.730	2682	2685	2689	rVV	281375	424863	2.35%	0.237%
48	18.789	2691	2695	2698	rVV	331019	515438	2.85%	0.287%
49	18.830	2699	2702	2706	rVB2	321087	367360	2.03%	0.205%
50	18.913	2711	2716	2720	rVV	841316	1519263	8.41%	0.846%
51	18.960	2720	2724	2726	rVV2	538478	972213	5.38%	0.541%
52	19.007	2730	2732	2736	rVB2	309884	342548	1.90%	0.191%
53	19.189	2757	2763	2770	rBV	12356186	16062174	88.94%	8.943%
54	19.254	2772	2774	2778	rVB	248463	249657	1.38%	0.139%
55	19.295	2778	2781	2783	rBV	267279	305491	1.69%	0.170%
56	19.324	2784	2786	2788	rBV	235954	257434	1.43%	0.143%
57	19.442	2802	2806	2809	rBV	438278	572265	3.17%	0.319%
58	19.566	2817	2827	2837	rBV	10374372	18059233	100.00%	10.055%
59	19.648	2837	2841	2847	rVB2	678211	1104864	6.12%	0.615%
60	19.783	2859	2864	2868	rVB	6680418	8582697	47.53%	4.779%
61	19.907	2880	2885	2892	rBV3	814619	1962836	10.87%	1.093%
62	20.048	2905	2909	2911	rBV2	603755	921179	5.10%	0.513%
63	20.083	2911	2915	2919	rVB	1937558	2783823	15.41%	1.550%
64	20.189	2929	2933	2937	rBV	1851059	2495482	13.82%	1.389%
65	20.254	2939	2944	2947	rVV2	1006879	1541362	8.54%	0.858%
66	20.395	2965	2968	2972	rVB	650957	710216	3.93%	0.395%
67	20.448	2973	2977	2981	rBV	775298	980984	5.43%	0.546%
68	20.636	3006	3009	3012	rBV2	337278	429092	2.38%	0.239%
69	21.060	3078	3081	3084	rBV	620239	758403	4.20%	0.422%
70	21.107	3085	3089	3092	rVB	713723	890572	4.93%	0.496%
71	21.154	3093	3097	3103	rVB3	1035770	1837679	10.18%	1.023%
72	21.477	3146	3152	3158	rBV2	5417935	12344901	68.36%	6.873%
73	21.536	3158	3162	3175	rVB	3915348	7060845	39.10%	3.931%
74	21.689	3184	3188	3197	rVB2	1083860	1976740	10.95%	1.101%
75	23.742	3528	3537	3543	rBV	2877765	9084963	50.31%	5.058%
76	24.460	3653	3659	3673	rVB	1999713	4978776	27.57%	2.772%

LSC Area Percent Report

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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-061325

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	24.607	3677	3684	3697	rVB	3174881	8076497	44.72%	4.497%
78	24.765	3705	3711	3716	rVB	1420116	3106317	17.20%	1.729%
79	29.612	4530	4535	4536	rBV4	639590	931698	5.16%	0.519%

Sum of corrected areas: 179610491

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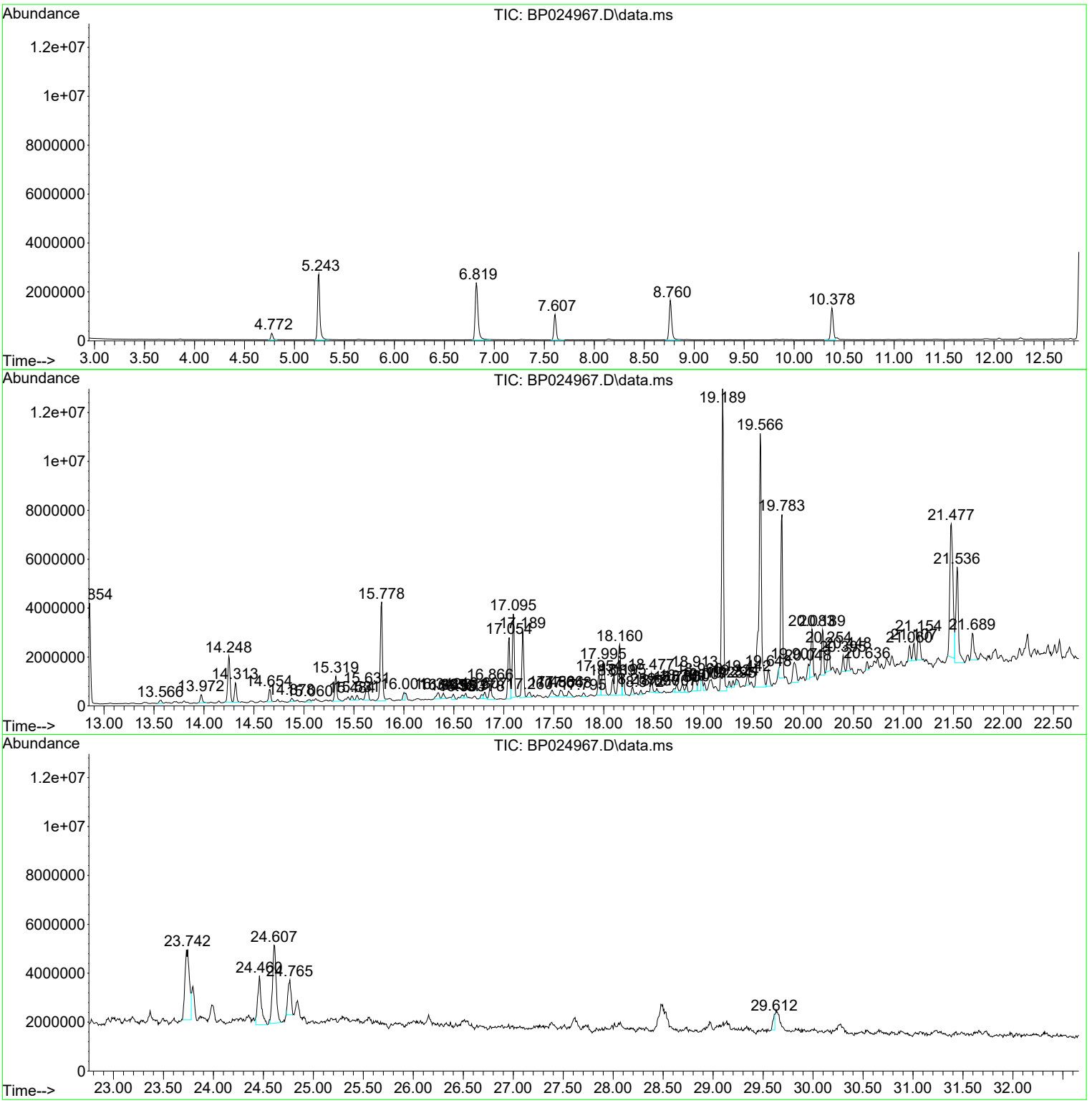
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

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



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

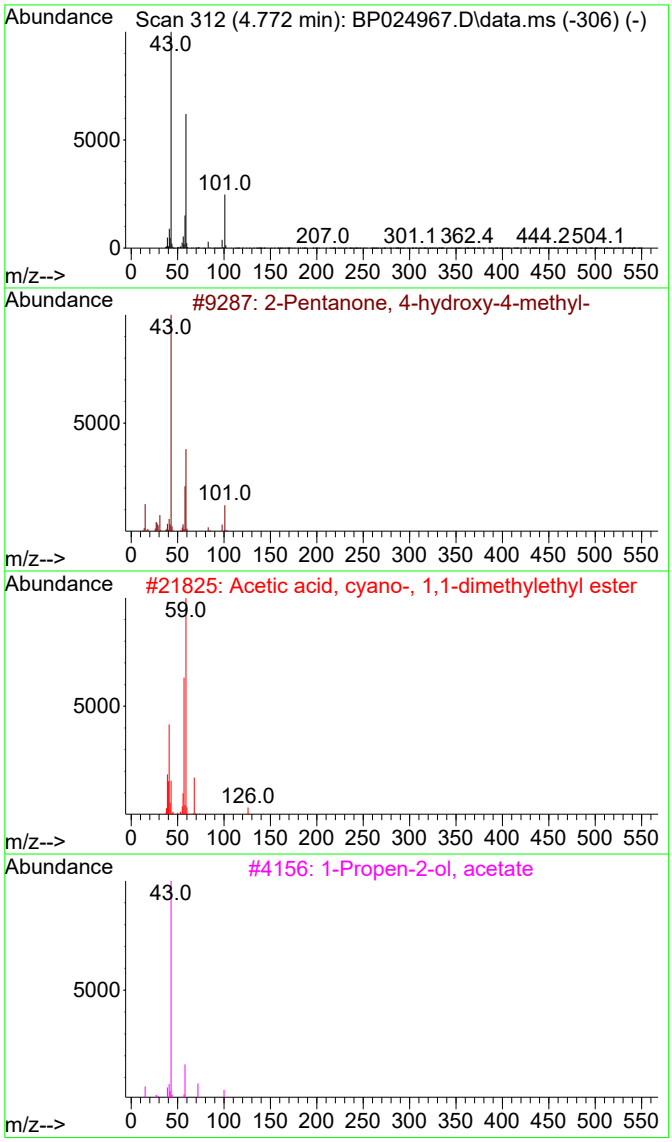
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

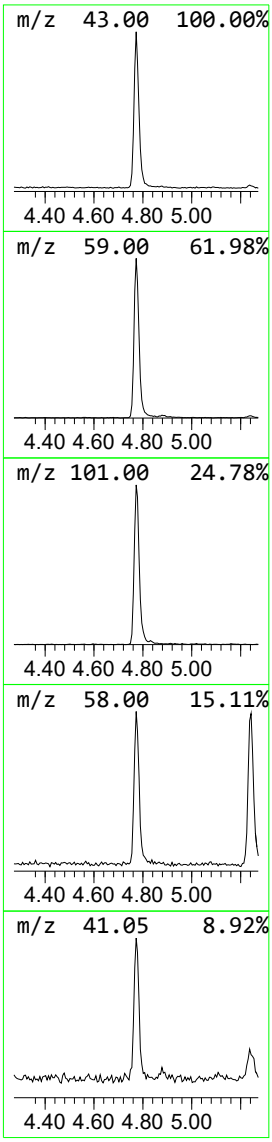
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	4.77 ng	386748	1,4-Dichlorobenzene-d4	7.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

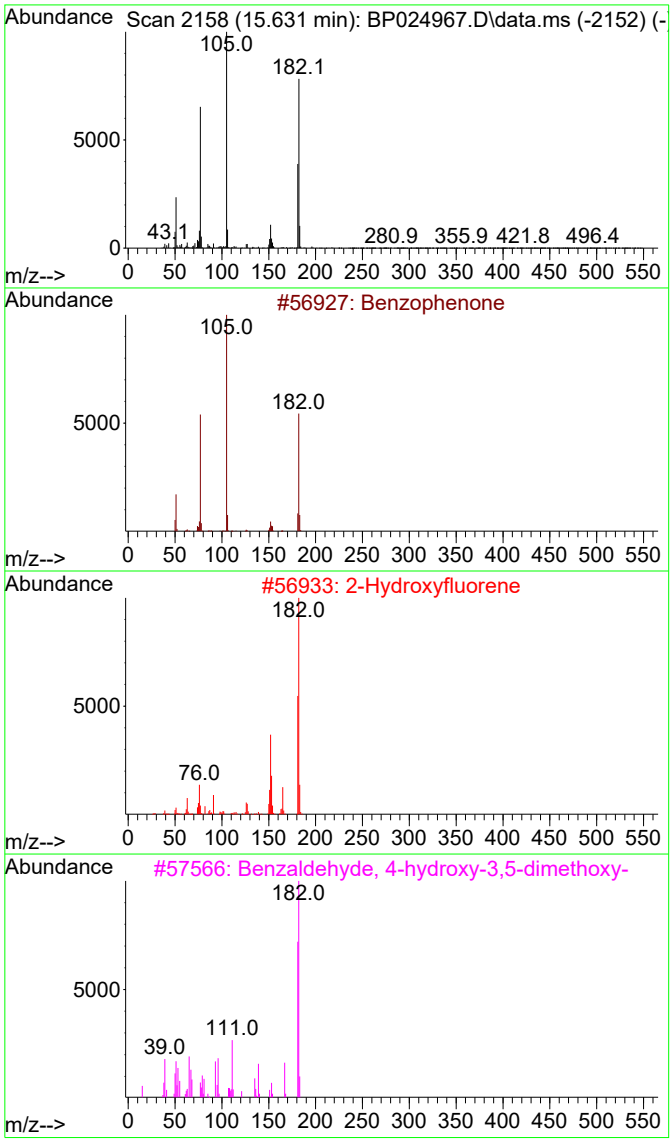
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

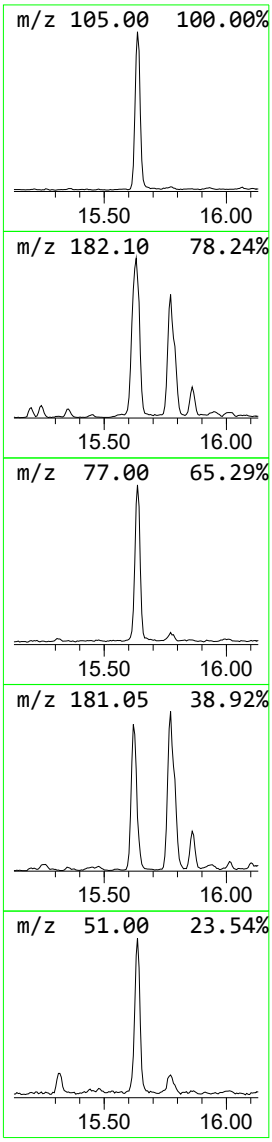
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.631	7.39 ng	1104480	Acenaphthene-d10	14.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	46
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43





Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

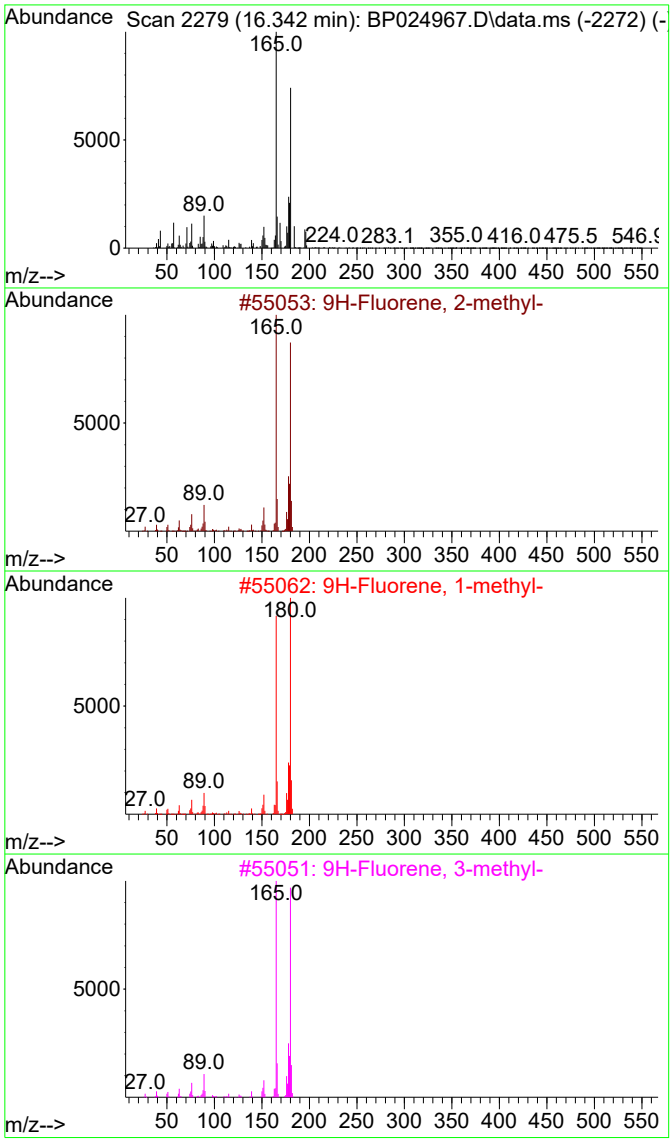
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

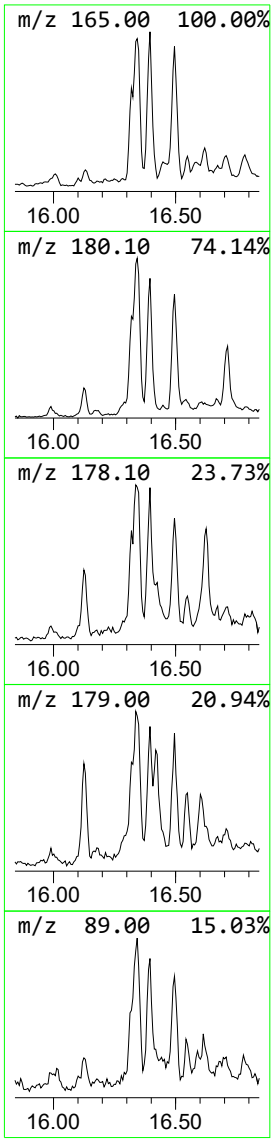
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.342	3.13 ng	556293	Phenanthrene-d10	17.054

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	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70





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Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

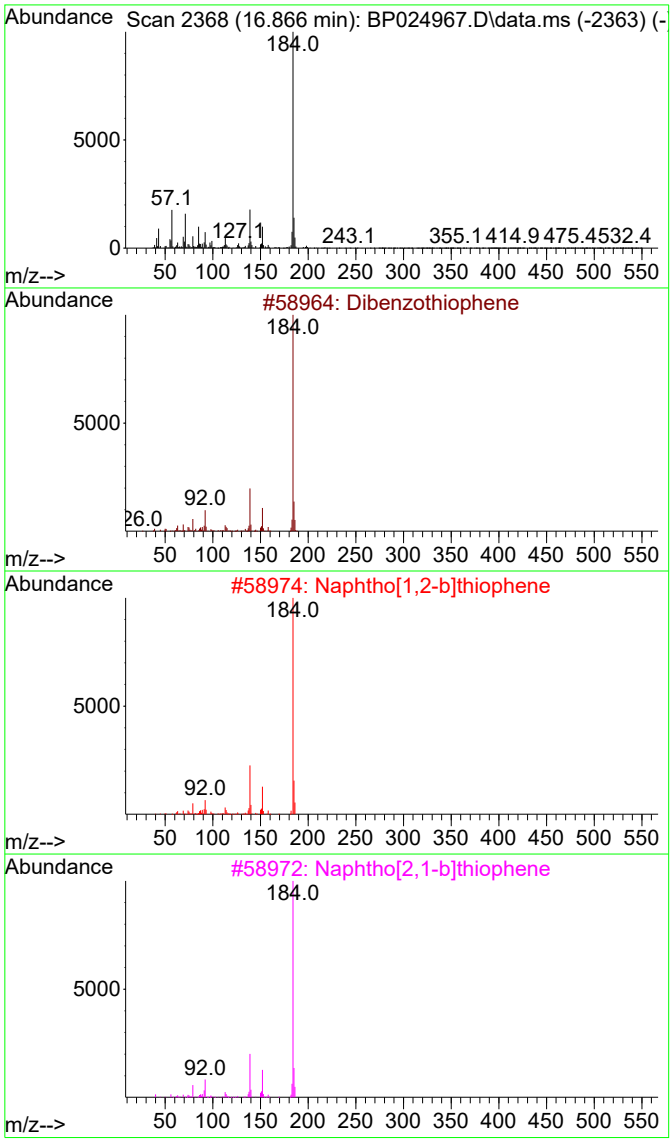
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

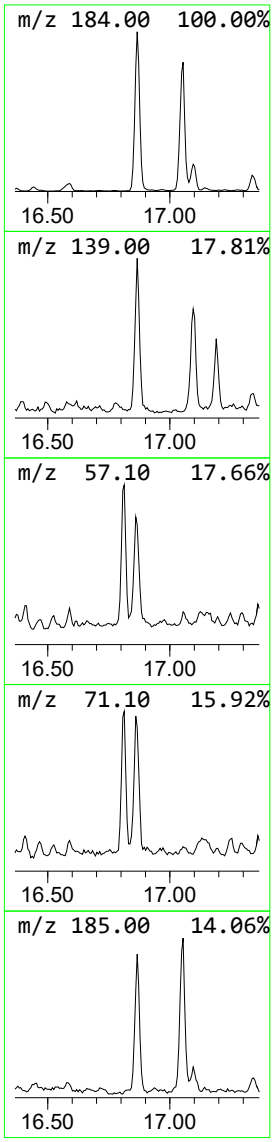
****

Peak Number 4 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.866	5.87 ng	1044270	Phenanthrene-d10	17.054

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	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Data File : BP024967.D
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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

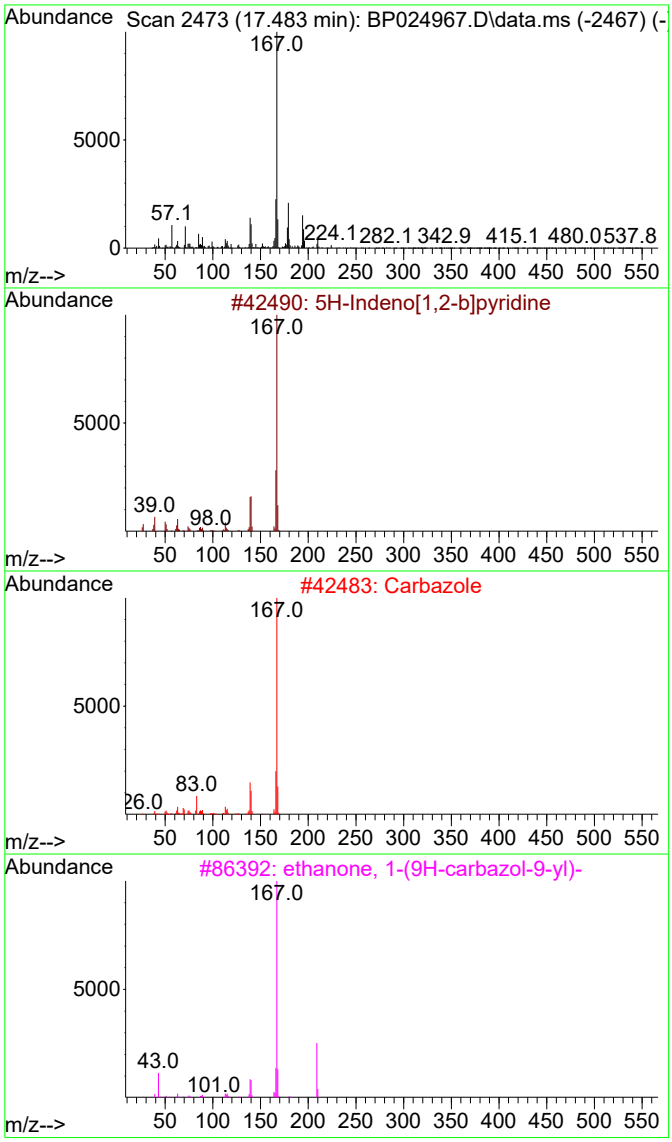
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

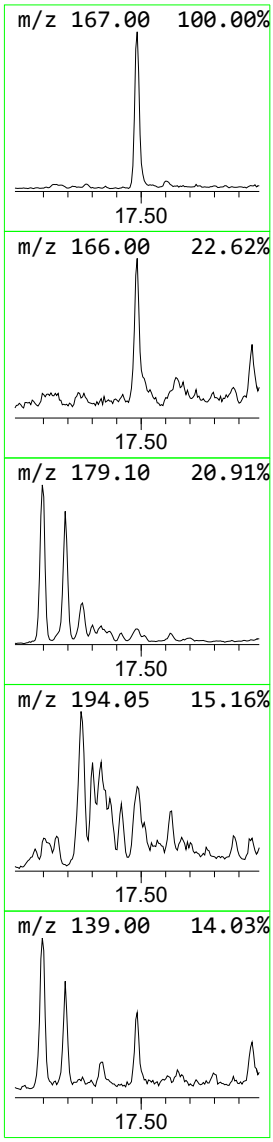
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.483	3.64 ng	647337	Phenanthrene-d10	17.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	92
2	Carbazole	167	C12H9N	000086-74-8	92
3	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	64
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	58
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	53





Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

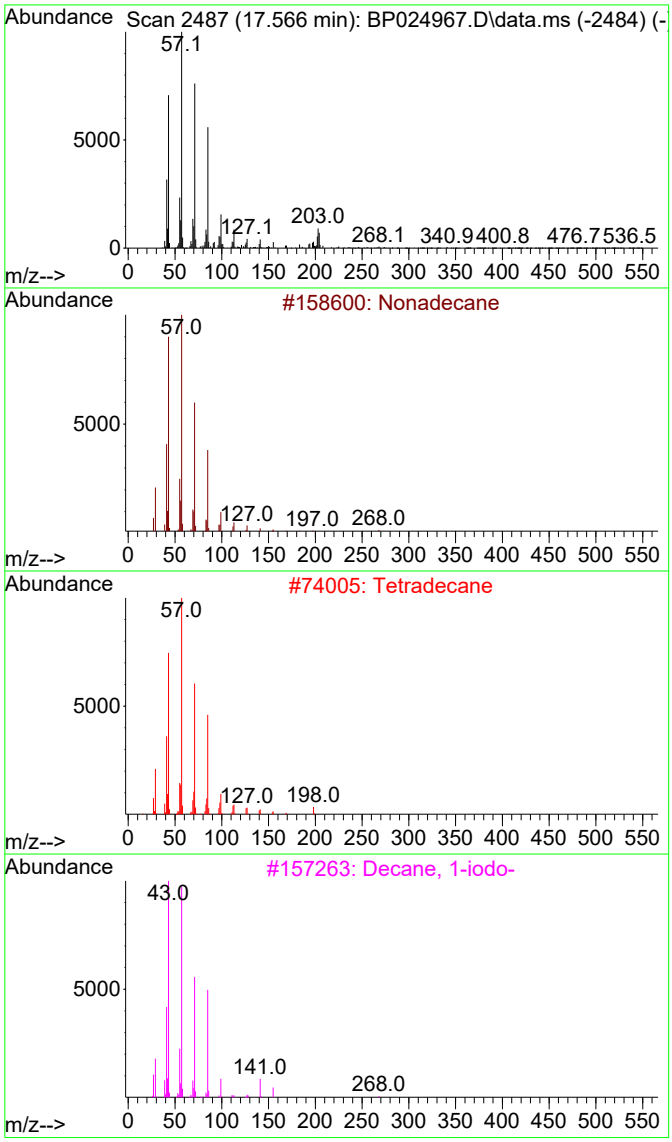
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

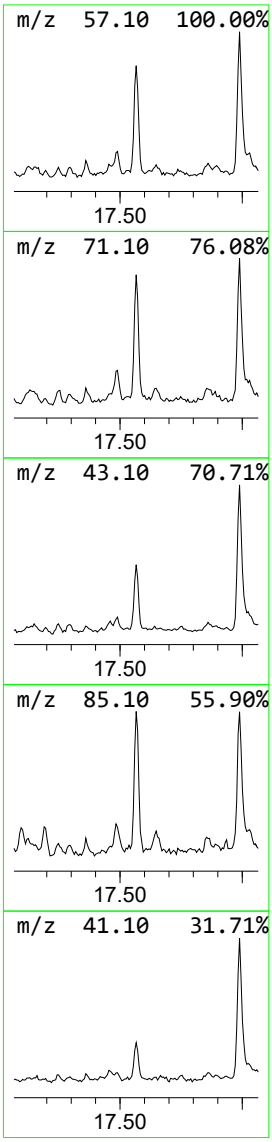
****

Peak Number 6 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.566	3.33 ng	593232	Phenanthrene-d10	17.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
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Instrument :
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ClientSampleId :
CL-01-061325

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

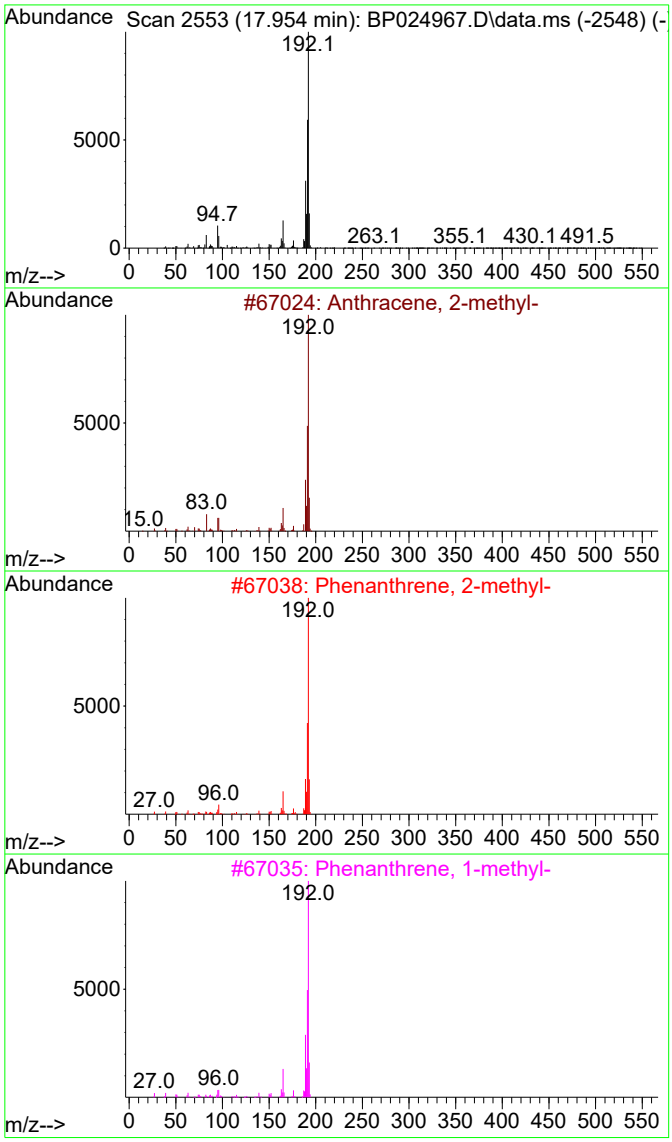
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

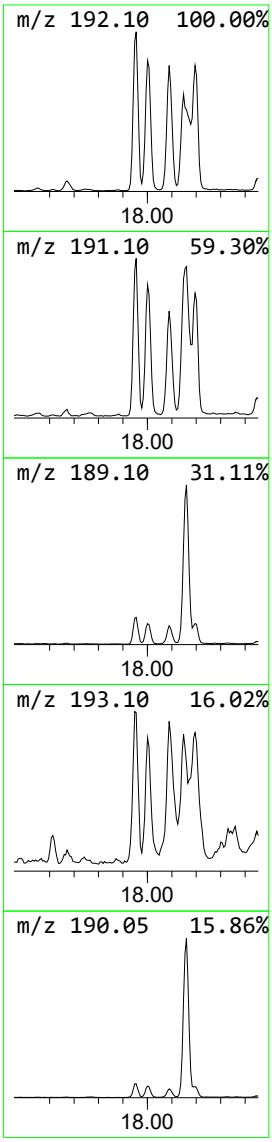
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.954	7.17 ng	1276490	Phenanthrene-d10	17.054

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-061325

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

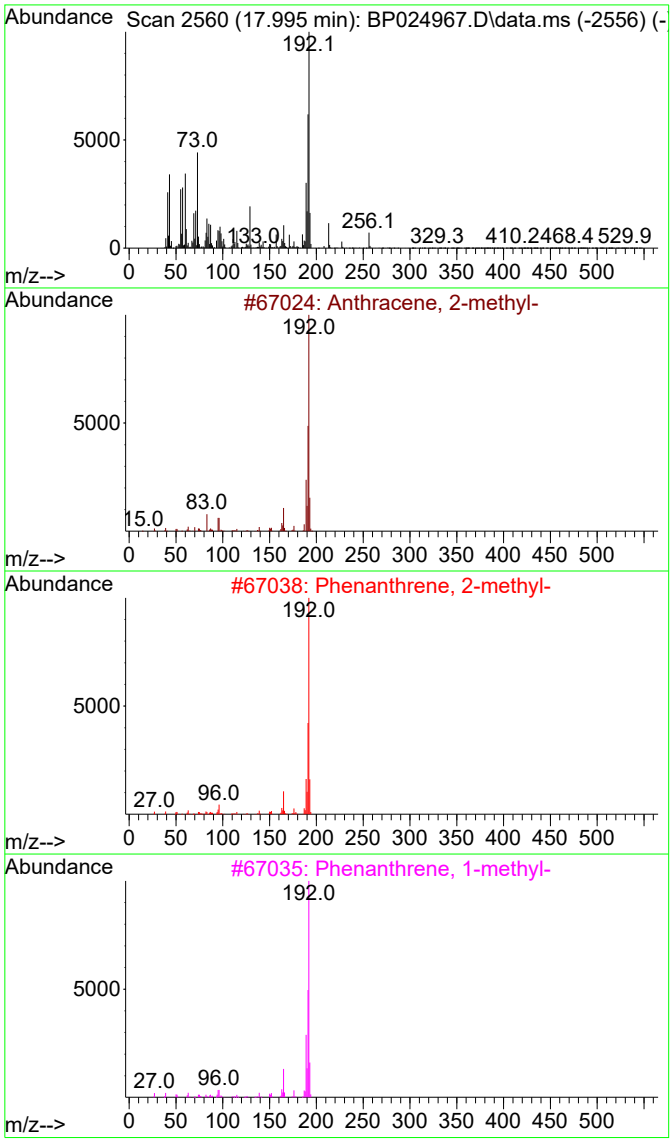
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

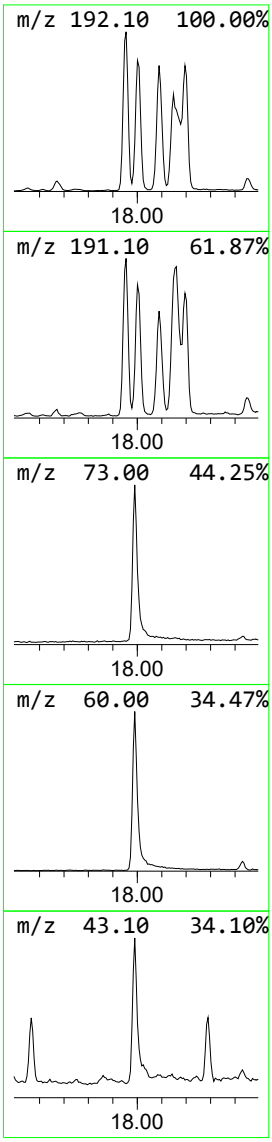
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	14.12 ng	2513780	Phenanthrene-d10	17.054

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

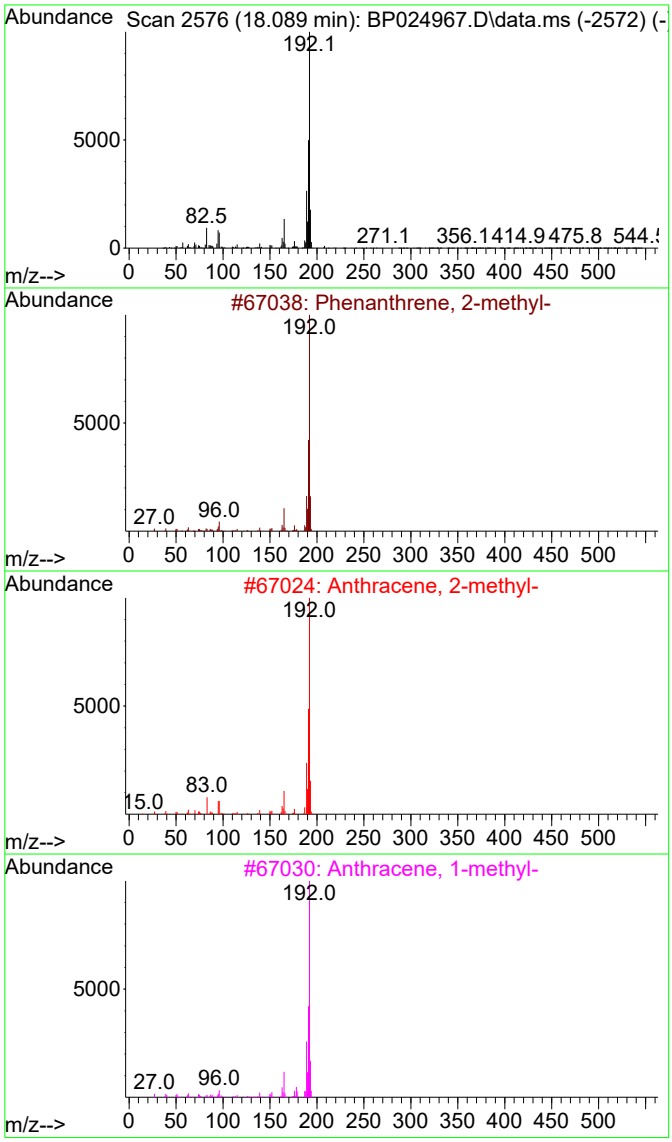
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

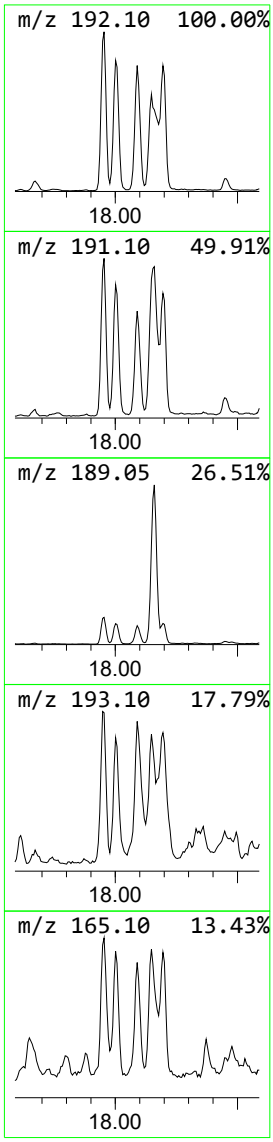
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	5.64 ng	1004300	Phenanthrene-d10	17.054

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





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Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

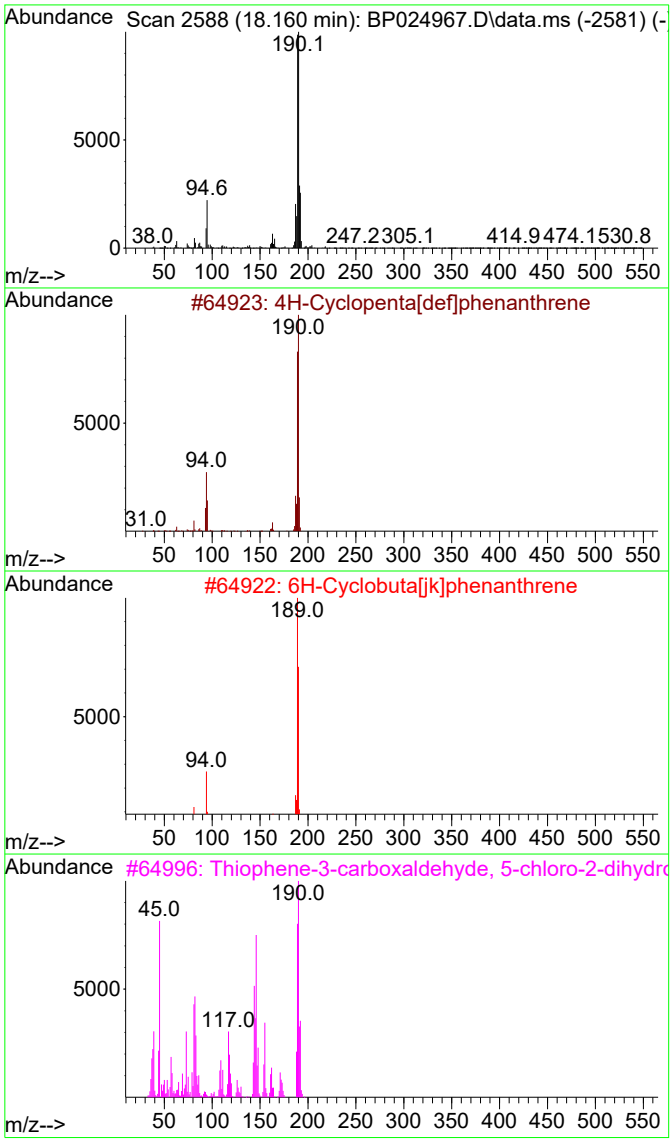
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

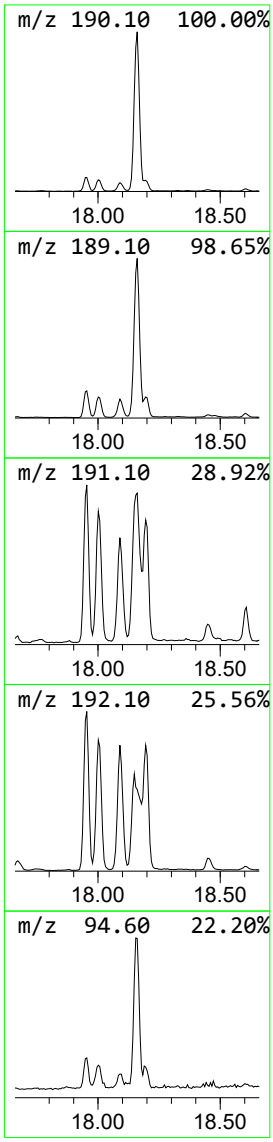
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.160	21.18 ng	3769520	Phenanthrene-d10	17.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-061325

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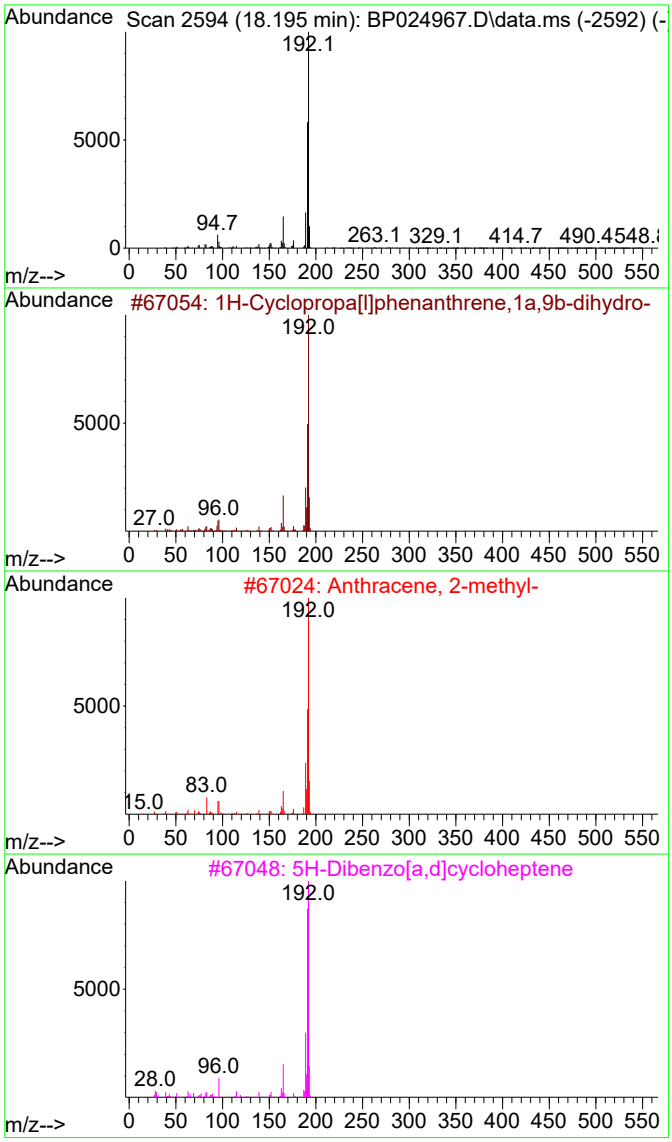
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

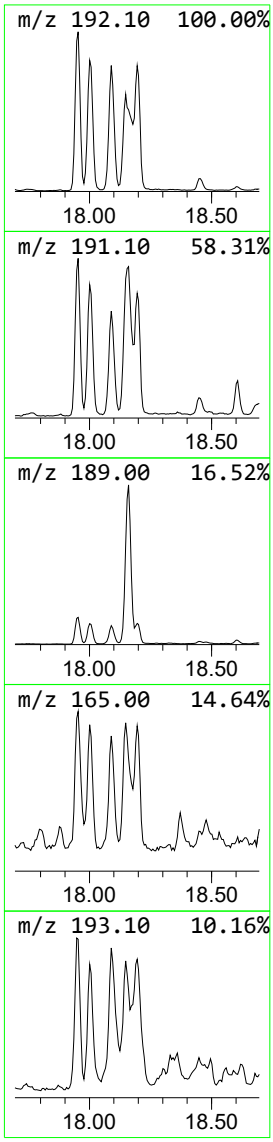
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	4.90 ng	872934	Phenanthrene-d10	17.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74





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Acq On : 16 Jun 2025 19:06
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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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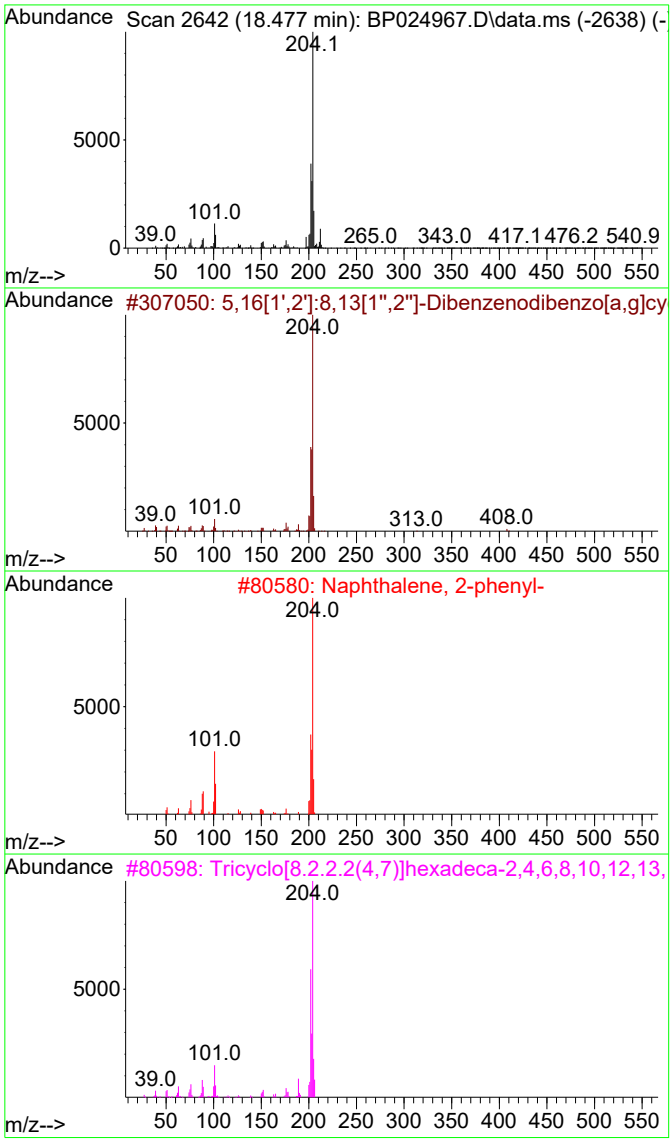
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

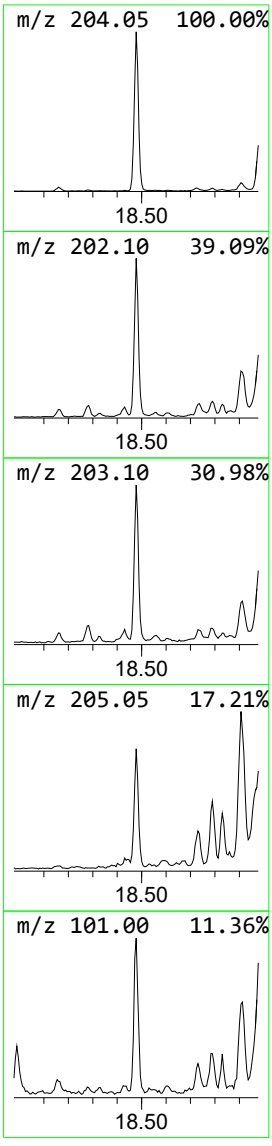
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.477	5.25 ng	934383	Phenanthrene-d10	17.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-061325

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

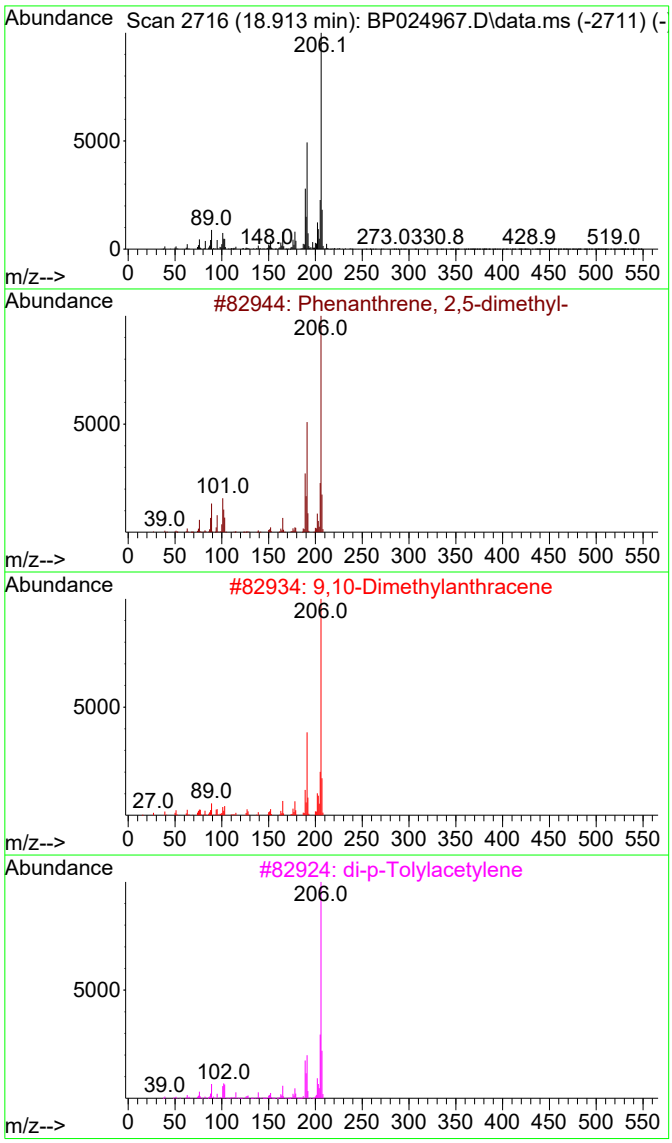
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

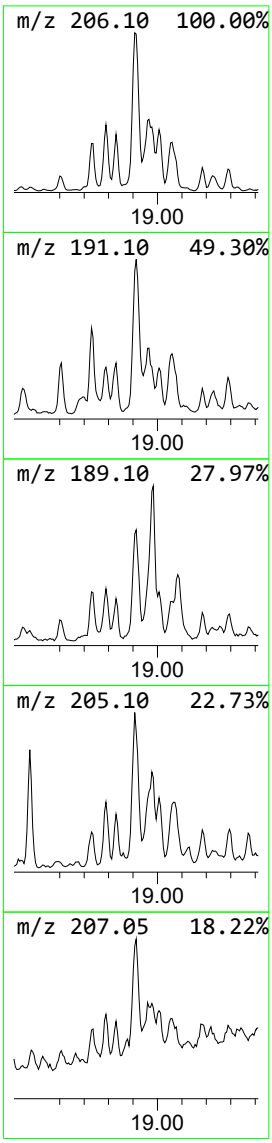
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.913	8.54 ng	1519260	Phenanthrene-d10	17.054

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	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89





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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

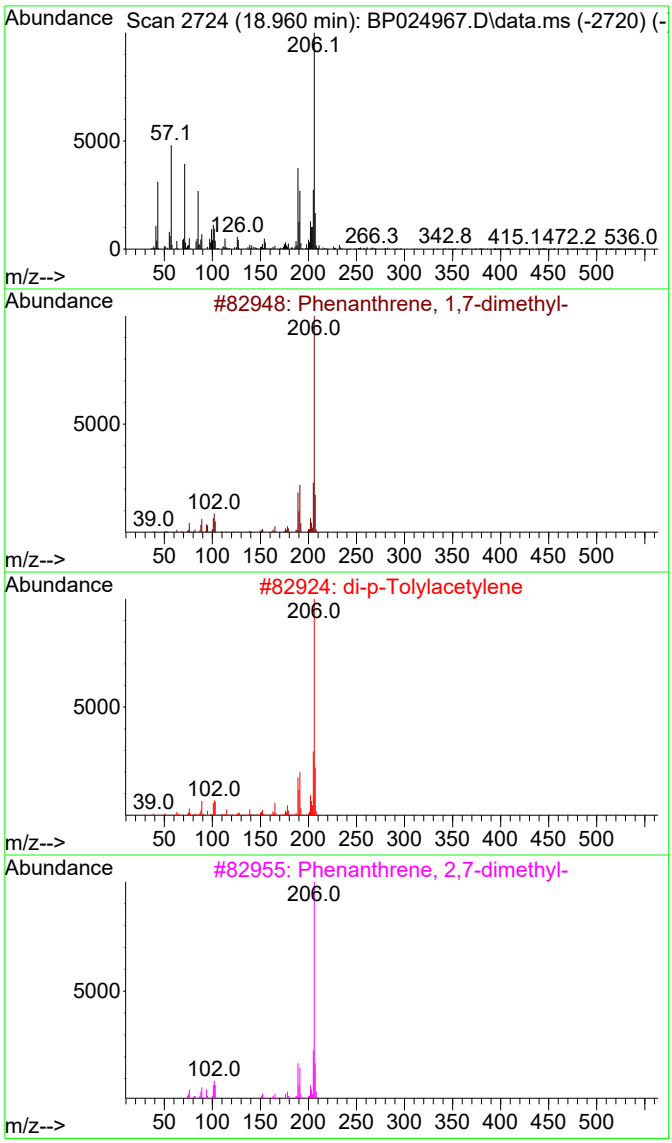
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

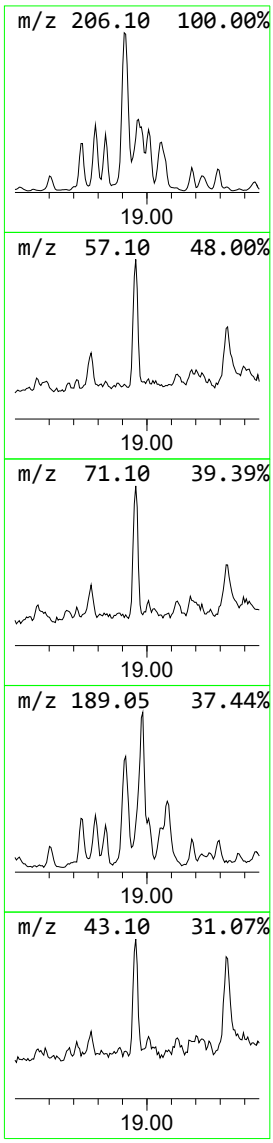
****

Peak Number 14 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	5.46 ng	972213	Phenanthrene-d10	17.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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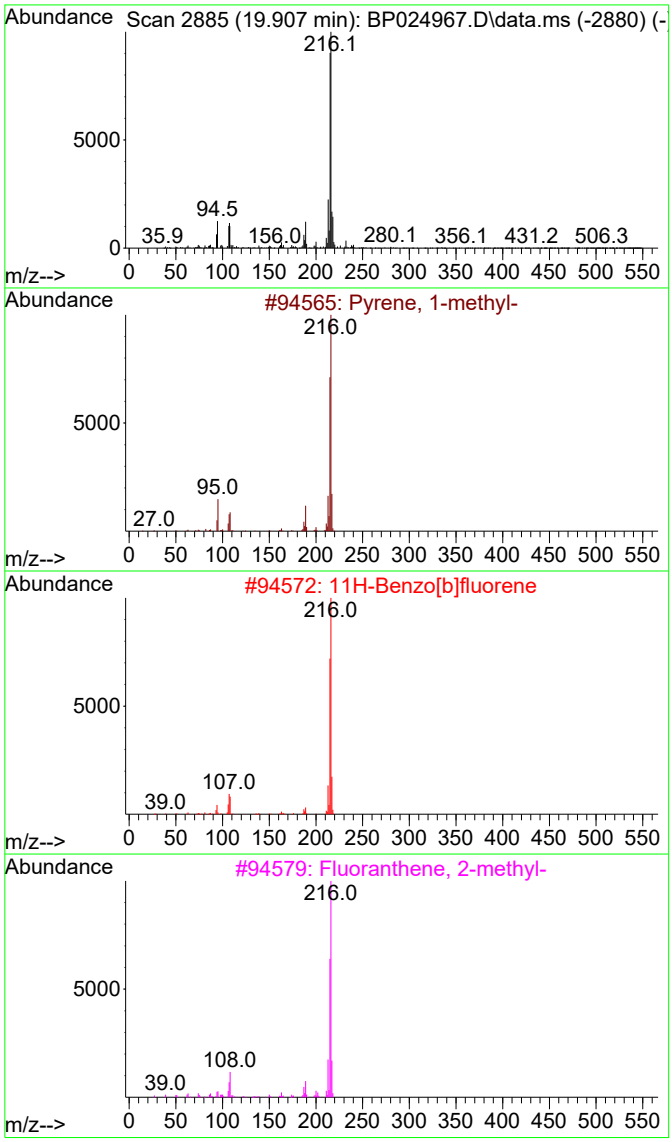
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

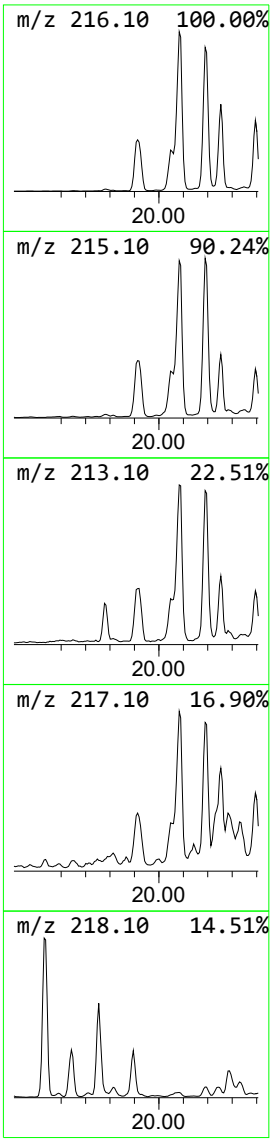
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.907	3.18 ng	1962840	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

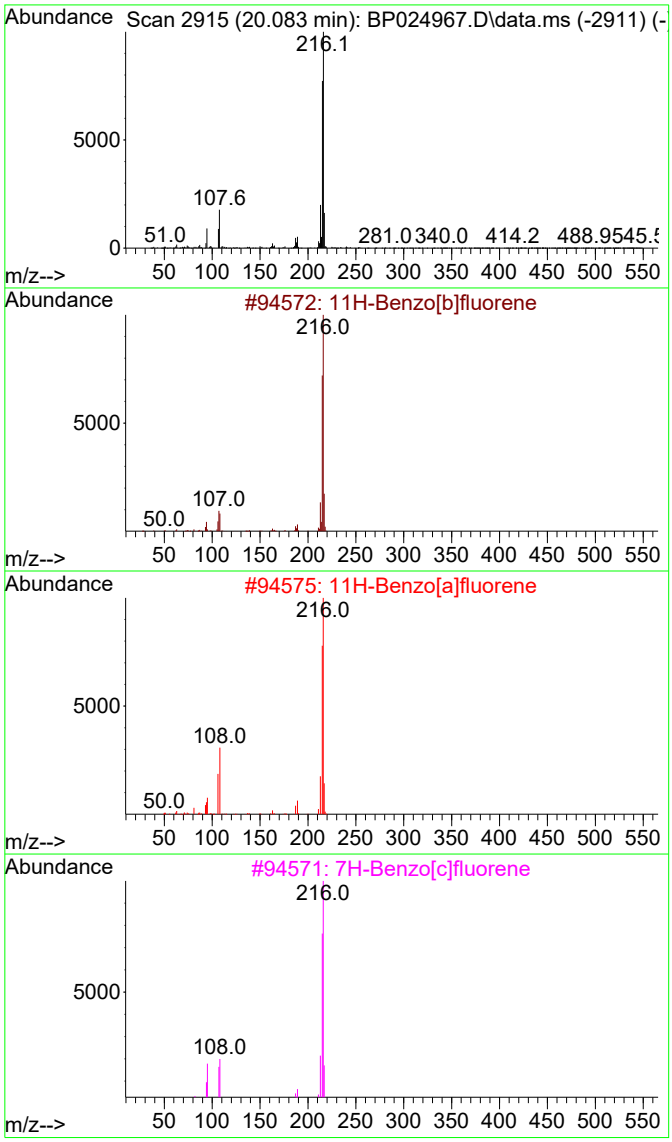
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

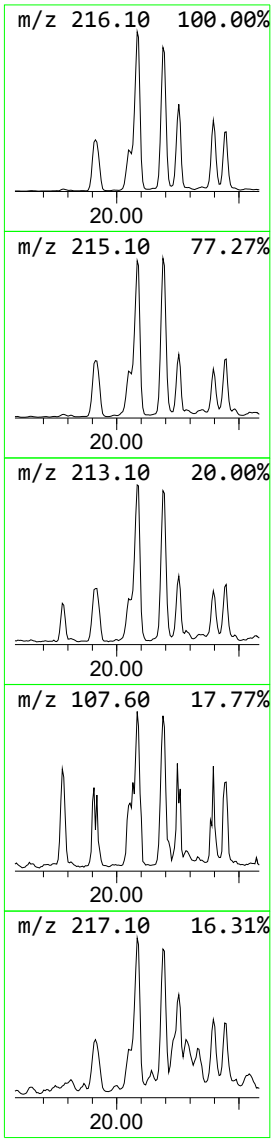
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.083	4.51 ng	2783820	Chrysene-d12	21.489

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	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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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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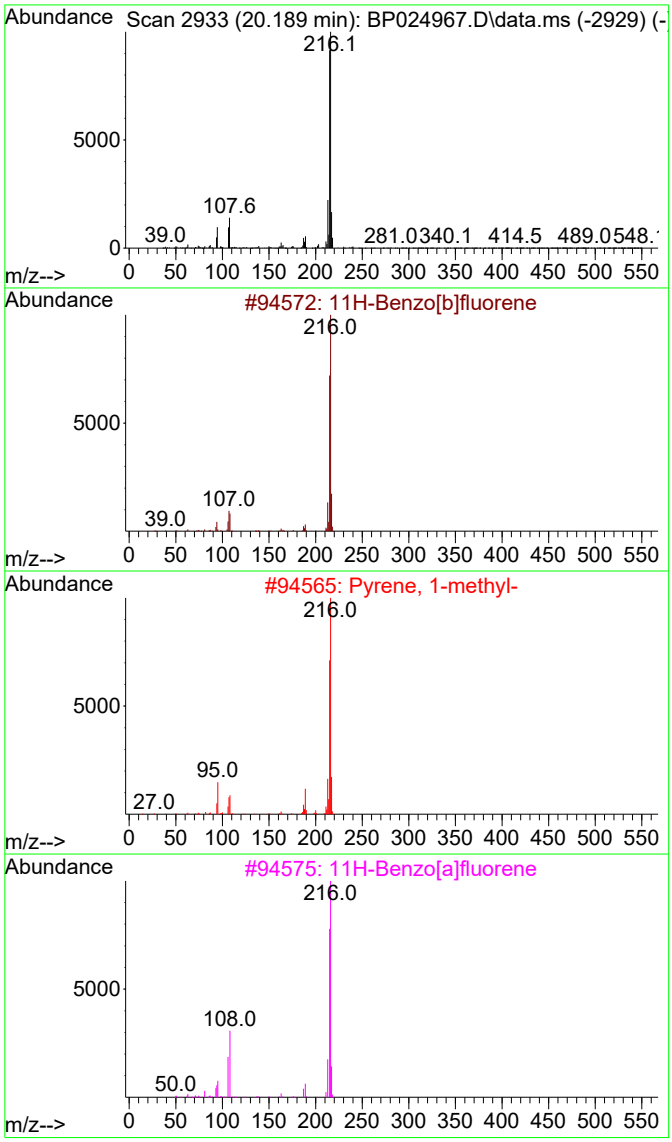
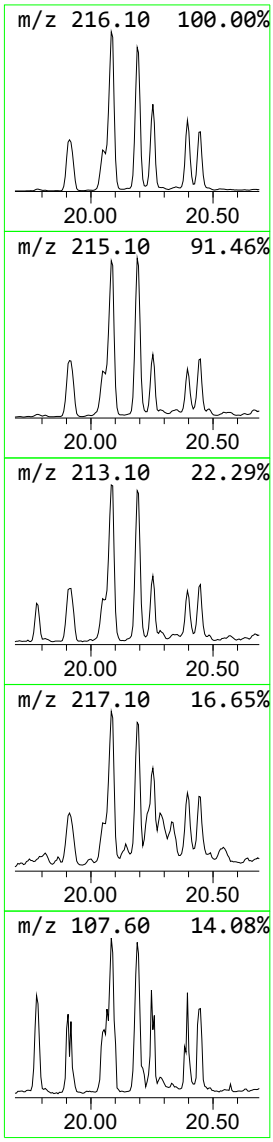
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.189	4.04 ng	2495480	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-061325

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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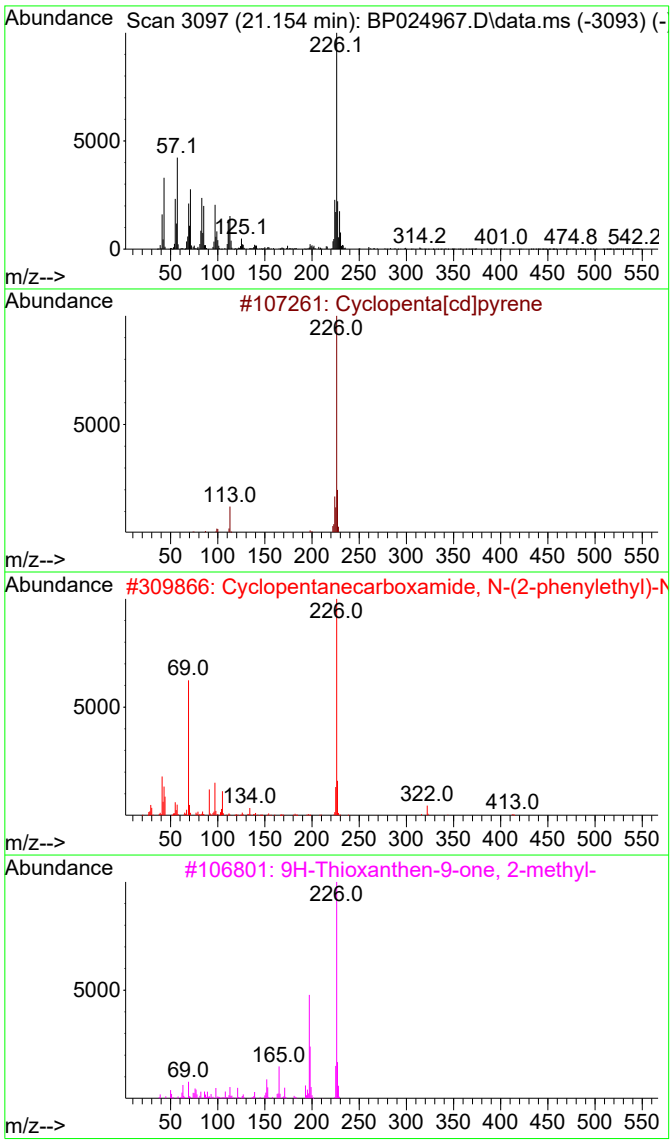
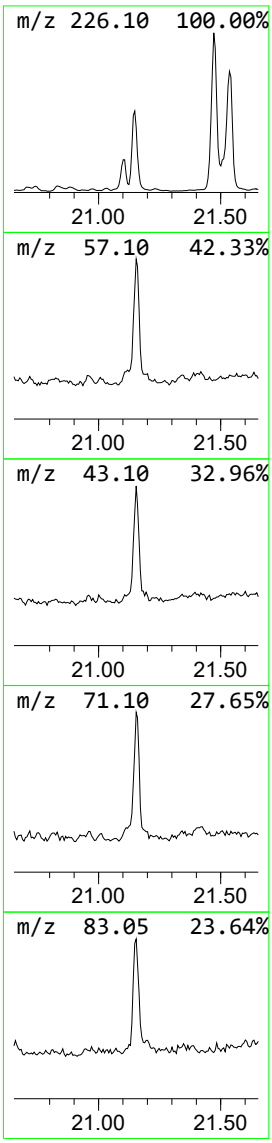
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.154	2.98 ng	1837680	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	47
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
5	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	38





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Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

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

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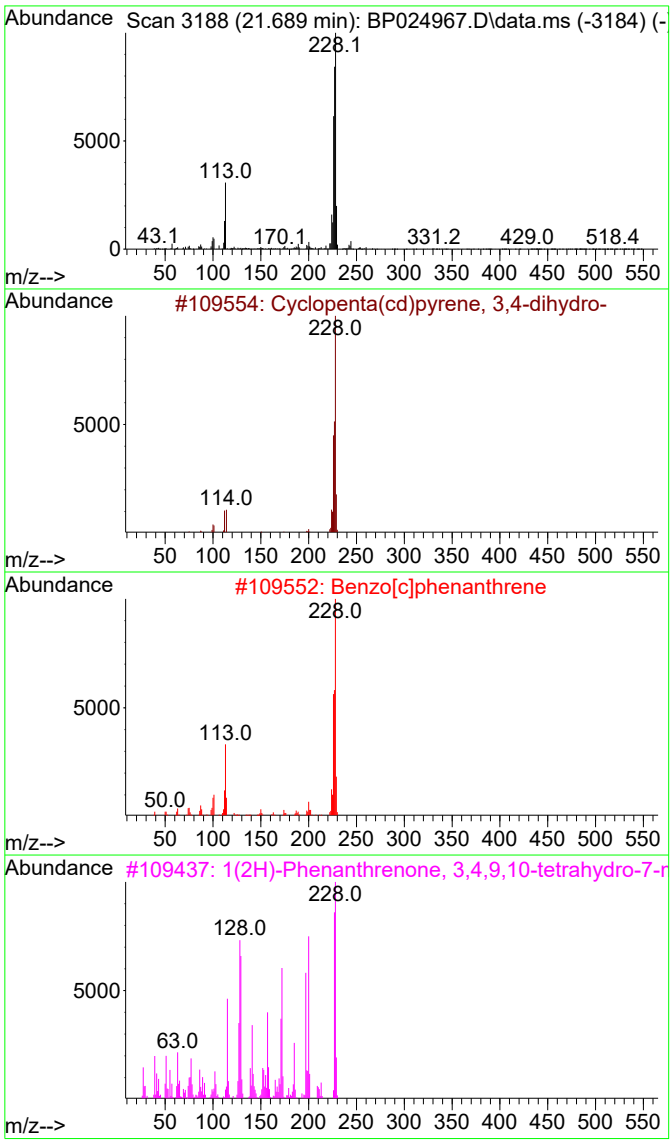
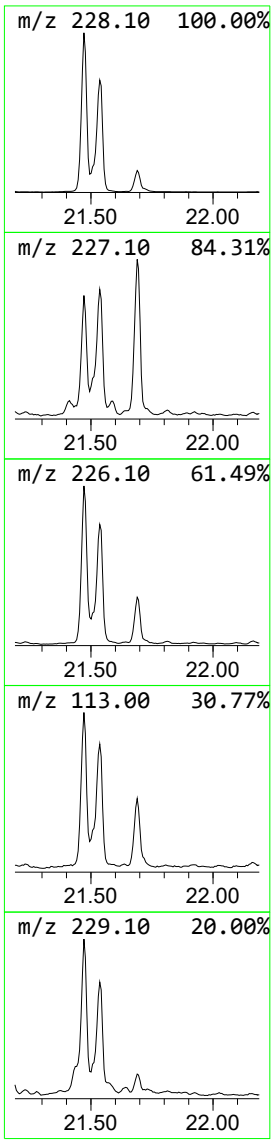
Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.689	3.20 ng	1976740	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47





Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

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

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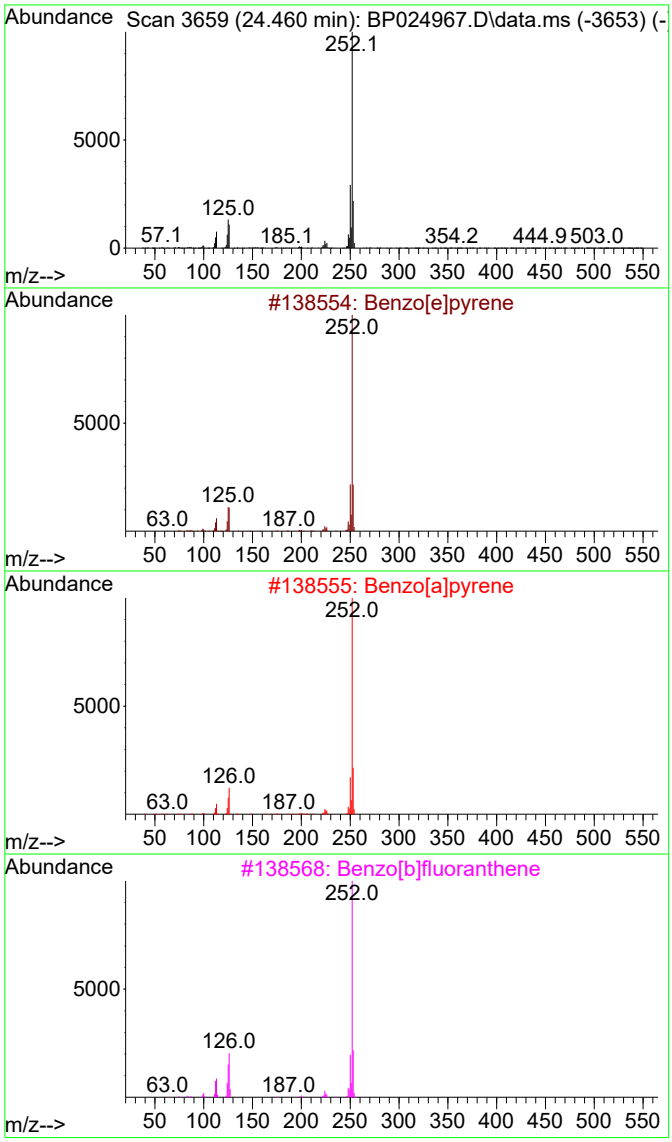
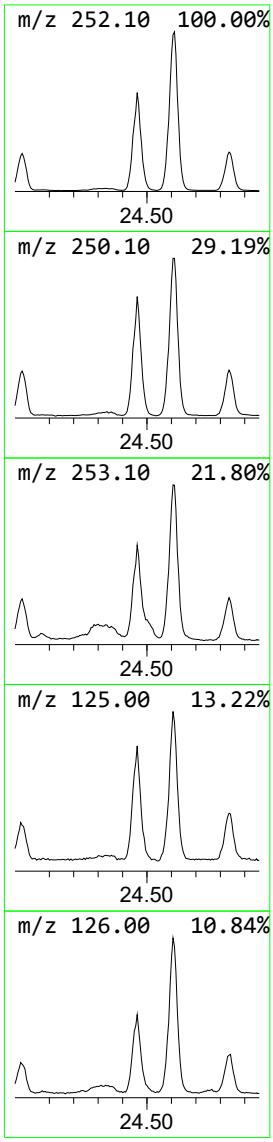
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.459	32.06 ng	4978780	Perylene-d12	24.765

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





Tentatively Identified Compound (LSC) summary

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024967.D
Acq On : 16 Jun 2025 19:06
Operator : RC/JU
Sample : Q2322-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-061325

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.772	4.8	ng	386748	1	7.607	1621020	20.0
Benzophenone	15.631	7.4	ng	1104480	3	14.248	2987950	20.0
9H-Fluorene, 2-...	16.342	3.1	ng	556293	4	17.054	3560010	20.0
Dibenzothiophene	16.866	5.9	ng	1044270	4	17.054	3560010	20.0
5H-Indeno[1,2-b...	17.483	3.6	ng	647337	4	17.054	3560010	20.0
Nonadecane	17.566	3.3	ng	593232	4	17.054	3560010	20.0
Anthracene, 2-m...	17.954	7.2	ng	1276490	4	17.054	3560010	20.0
Phenanthrene, 2...	17.995	14.1	ng	2513780	4	17.054	3560010	20.0
Anthracene, 1-m...	18.089	5.6	ng	1004300	4	17.054	3560010	20.0
4H-Cyclopenta[d...	18.160	21.2	ng	3769520	4	17.054	3560010	20.0
1H-Cyclopropa[l...	18.195	4.9	ng	872934	4	17.054	3560010	20.0
5,16[1',2']:8,1...	18.477	5.3	ng	934383	4	17.054	3560010	20.0
Phenanthrene, 2...	18.913	8.5	ng	1519260	4	17.054	3560010	20.0
Phenanthrene, 1...	18.960	5.5	ng	972213	4	17.054	3560010	20.0
Pyrene, 1-methyl-	19.907	3.2	ng	1962840	5	21.489	12344900	20.0
11H-Benzo[b]flu...	20.083	4.5	ng	2783820	5	21.489	12344900	20.0
11H-Benzo[a]flu...	20.189	4.0	ng	2495480	5	21.489	12344900	20.0
Cyclopenta[cd]p...	21.154	3.0	ng	1837680	5	21.489	12344900	20.0
Cyclopenta(cd)p...	21.689	3.2	ng	1976740	5	21.489	12344900	20.0
Benzo[e]pyrene	24.459	32.1	ng	4978780	6	24.765	3106320	20.0