

Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
 Data File : BP024969.D
 Acq On : 16 Jun 2025 20:27
 Operator : RC/JU
 Sample : Q2323-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-01-06132025

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: BP024969.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.249	386	393	411	rBV	266503	484026	5.28%	0.610%
2	6.837	656	663	681	rBV	200379	485991	5.30%	0.612%
3	7.613	786	795	811	rBV	973048	1587450	17.31%	1.999%
4	8.772	986	992	1010	rBV	138254	335522	3.66%	0.423%
5	10.384	1254	1266	1272	rBV	1288223	2277711	24.83%	2.869%
6	12.772	1668	1672	1677	rVB3	69601	110453	1.20%	0.139%
7	12.860	1682	1687	1694	rVV	438636	731544	7.98%	0.921%
8	13.731	1828	1835	1838	rBV2	74337	145133	1.58%	0.183%
9	13.978	1873	1877	1882	rBV	135724	220459	2.40%	0.278%
10	14.078	1891	1894	1902	rVB8	47587	99051	1.08%	0.125%
11	14.160	1902	1908	1912	rBV5	71394	139318	1.52%	0.175%
12	14.254	1914	1924	1931	rVV	2022212	3149434	34.34%	3.967%
13	14.319	1931	1935	1943	rVB	307776	455959	4.97%	0.574%
14	14.666	1990	1994	1999	rVB	155055	212317	2.31%	0.267%
15	15.325	2101	2106	2113	rBV	383923	588607	6.42%	0.741%
16	15.495	2131	2135	2139	rBV3	59237	94201	1.03%	0.119%
17	15.542	2139	2143	2147	rVV	117749	160050	1.74%	0.202%
18	15.631	2154	2158	2166	rVB2	100656	252596	2.75%	0.318%
19	15.795	2181	2186	2191	rVB2	426556	673888	7.35%	0.849%
20	16.031	2219	2226	2231	rBV2	203623	399039	4.35%	0.503%
21	16.878	2366	2370	2379	rVB2	286614	538688	5.87%	0.678%
22	17.066	2397	2402	2406	rBV2	2416356	3476354	37.90%	4.378%
23	17.107	2406	2409	2415	rVB	2767170	3767681	41.08%	4.745%
24	17.207	2421	2426	2431	rVB	1149230	1691212	18.44%	2.130%
25	17.495	2471	2475	2485	rVB	160720	293503	3.20%	0.370%
26	17.972	2552	2556	2559	rBV	289675	426478	4.65%	0.537%
27	18.025	2559	2565	2572	rVB2	497990	950348	10.36%	1.197%
28	18.107	2575	2579	2585	rBV	288008	403186	4.40%	0.508%
29	18.172	2585	2590	2595	rBV2	725647	1374717	14.99%	1.731%
30	18.489	2641	2644	2649	rVB	262658	370533	4.04%	0.467%
31	18.795	2694	2696	2700	rVB	115308	131976	1.44%	0.166%
32	18.924	2715	2718	2722	rBV	167560	240095	2.62%	0.302%
33	19.201	2759	2765	2772	rBV	6496959	9172112	100.00%	11.552%
34	19.548	2819	2824	2825	rBV2	1207986	1555200	16.96%	1.959%
35	19.577	2825	2829	2837	rVB	5669321	7730596	84.28%	9.736%
36	19.789	2859	2865	2869	rVB2	769417	1279663	13.95%	1.612%

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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	20.095	2914	2917	2921	rVB	1130689	1212332	13.22%	1.527%
38	20.195	2931	2934	2939	rVB	950655	1365077	14.88%	1.719%
39	20.260	2939	2945	2948	rBV2	719314	1305831	14.24%	1.645%
40	20.448	2975	2977	2980	rBV	373516	412916	4.50%	0.520%
41	20.642	3008	3010	3012	rBV2	315459	222987	2.43%	0.281%
42	21.154	3095	3097	3099	rBV	342662	380981	4.15%	0.480%
43	21.483	3147	3153	3159	rBV2	3369262	8483554	92.49%	10.685%
44	21.542	3160	3163	3169	rVB	2458144	3634025	39.62%	4.577%
45	23.730	3530	3535	3544	rBV2	1671951	5127162	55.90%	6.457%
46	24.465	3654	3660	3665	rBV	1046132	2369751	25.84%	2.985%
47	24.612	3681	3685	3697	rVB	2023104	5566619	60.69%	7.011%
48	24.771	3707	3712	3719	rVB	1659266	3313514	36.13%	4.173%

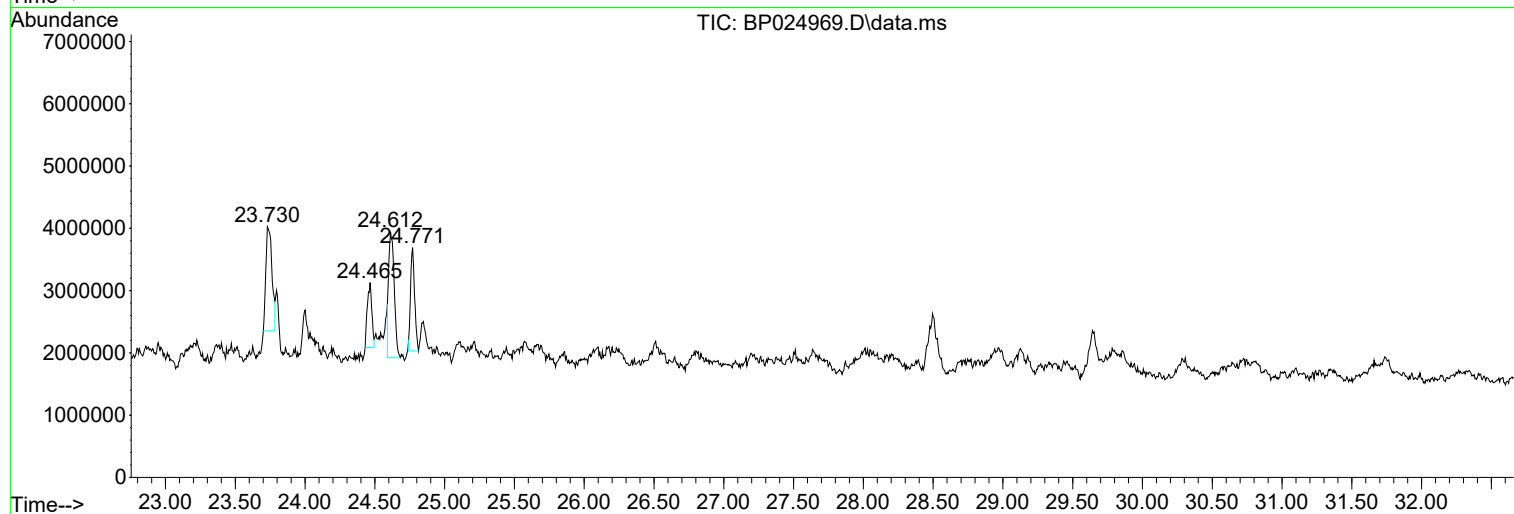
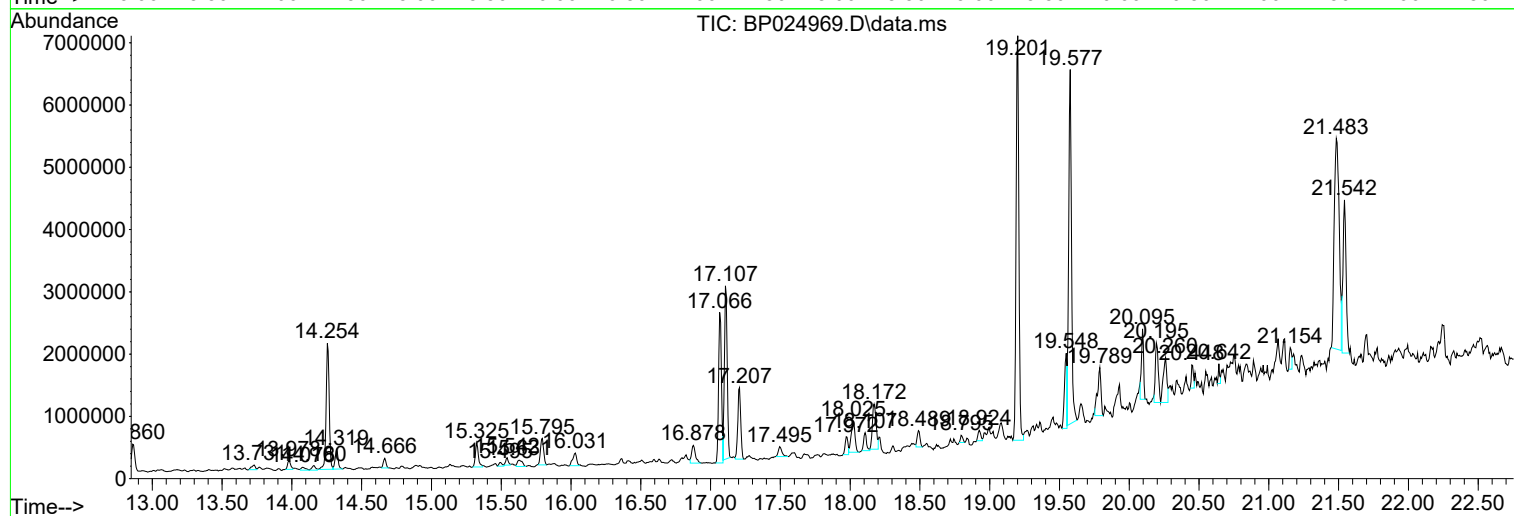
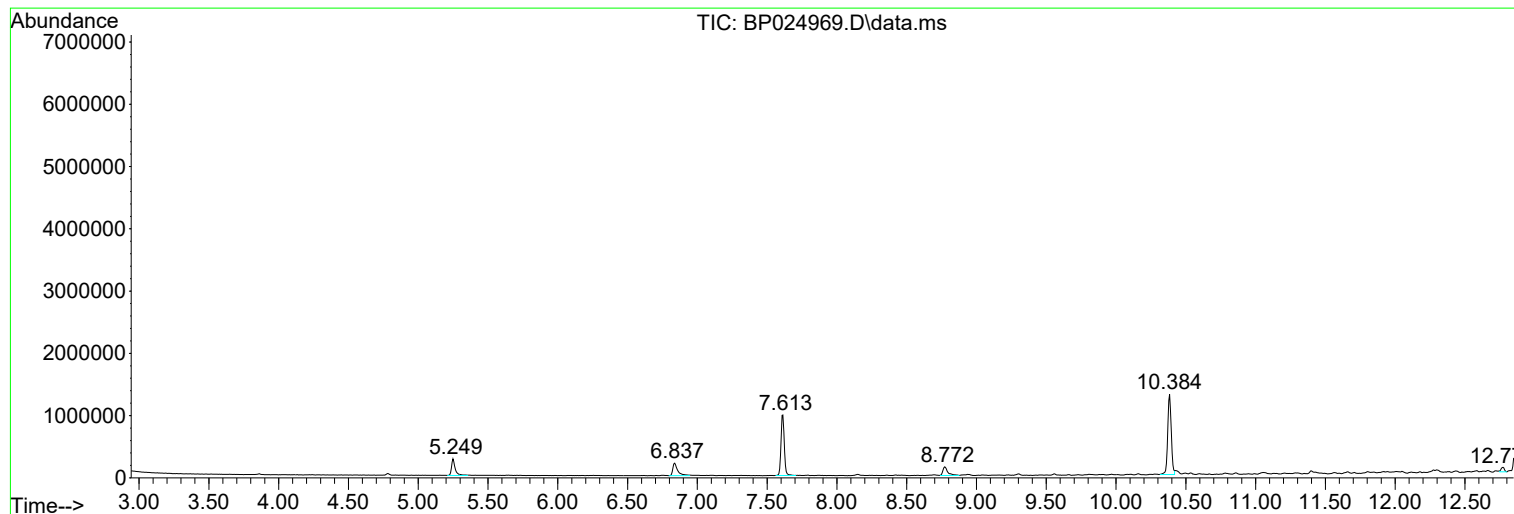
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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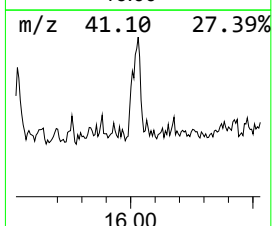
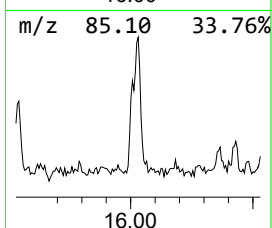
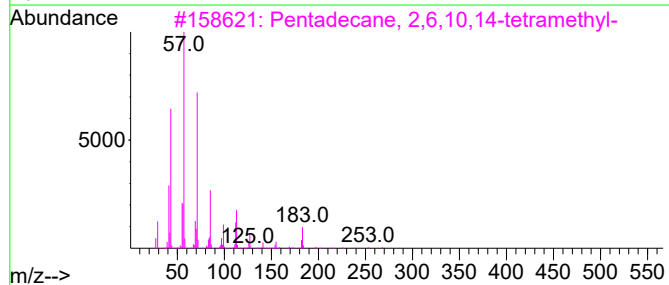
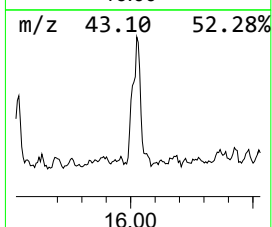
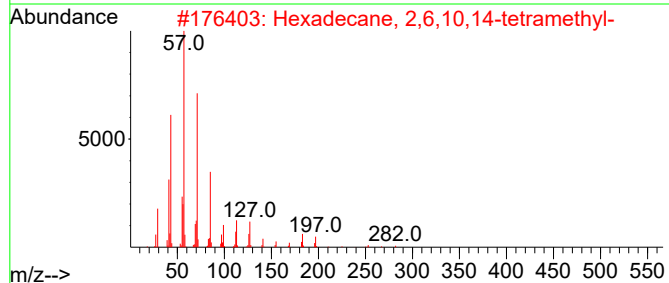
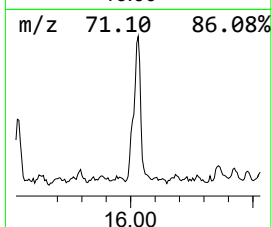
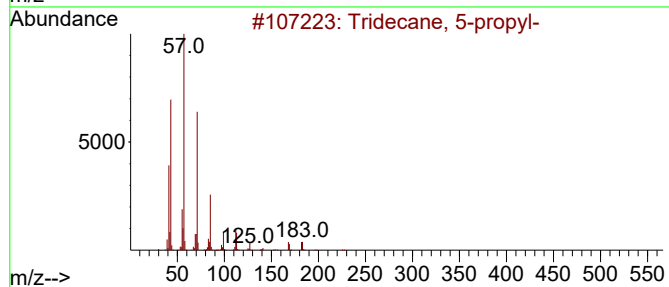
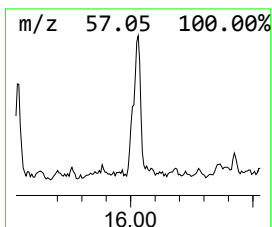
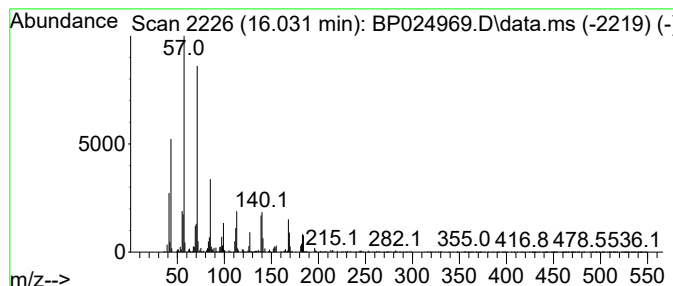
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	2.30 ng	399039	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	76
4			5-Ethyldecane	170	C12H26	017302-36-2	70
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	60



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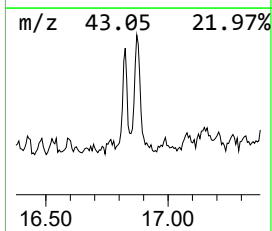
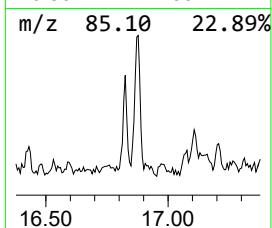
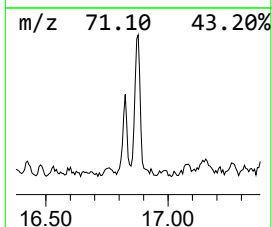
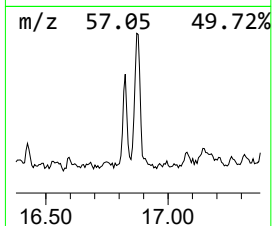
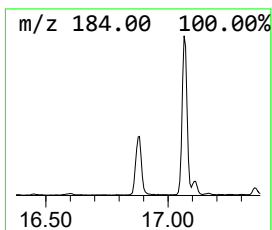
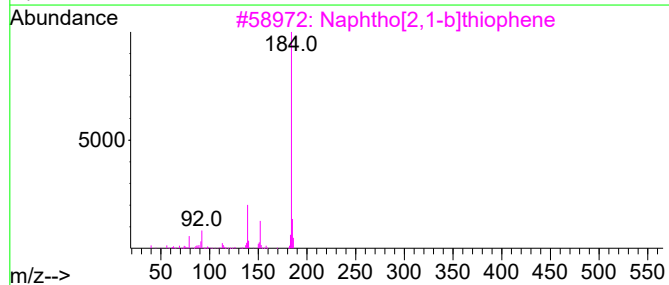
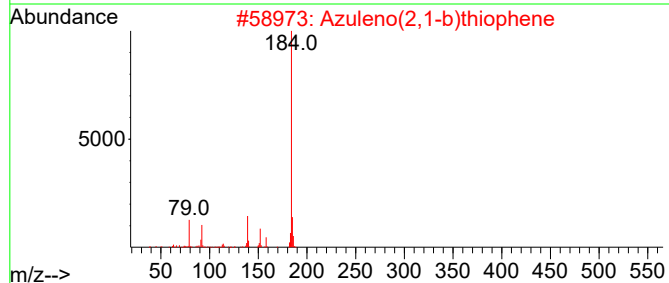
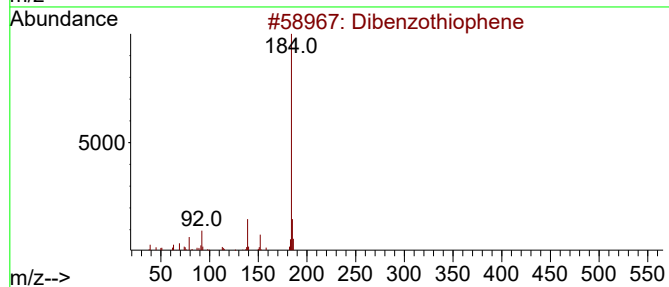
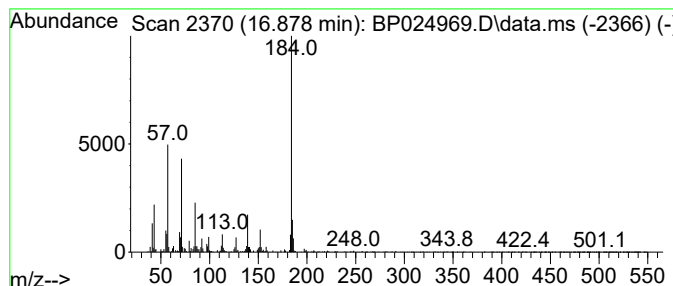
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.878	3.10 ng	538688	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	91
2			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	60
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60



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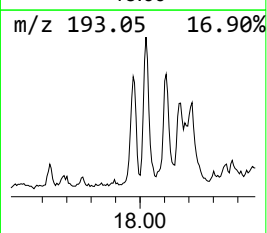
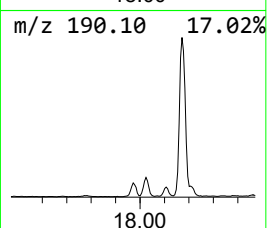
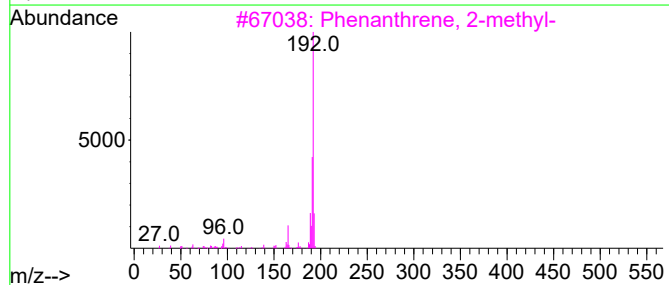
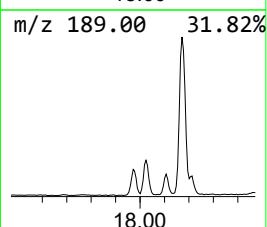
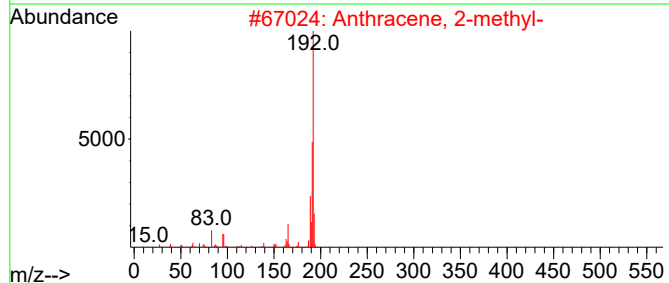
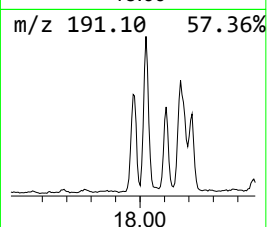
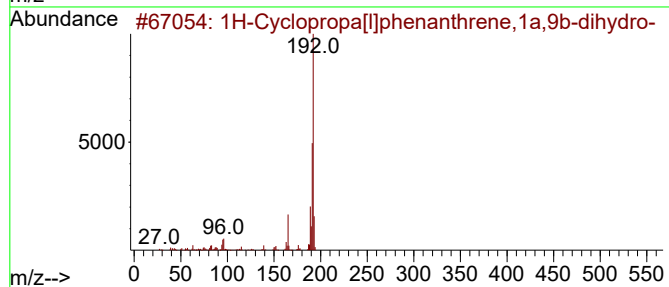
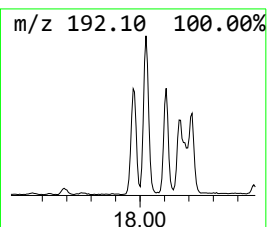
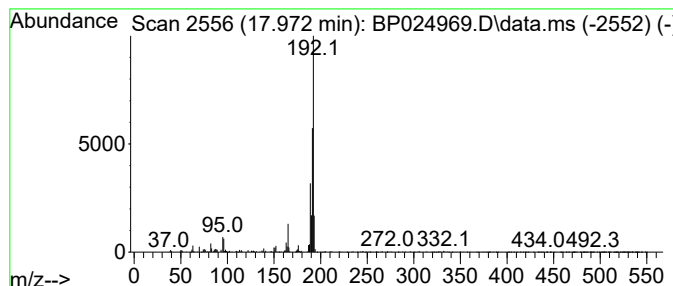
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.972	2.45 ng	426478	Phenanthrene-d10	17.066

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



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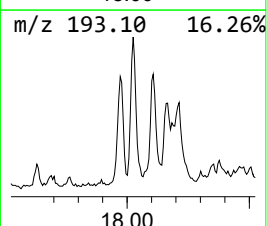
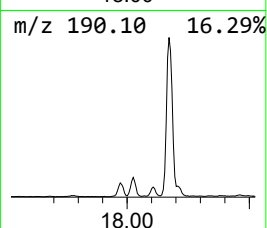
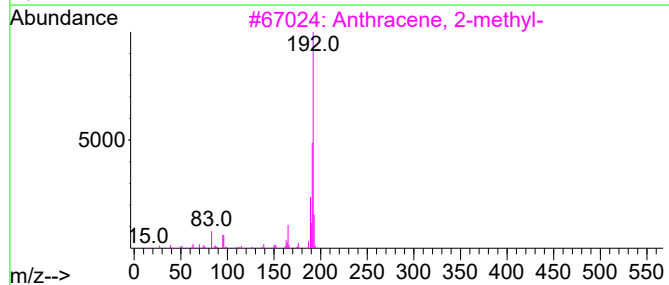
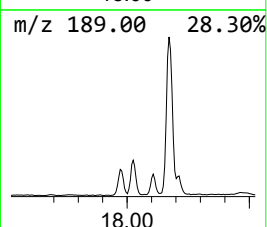
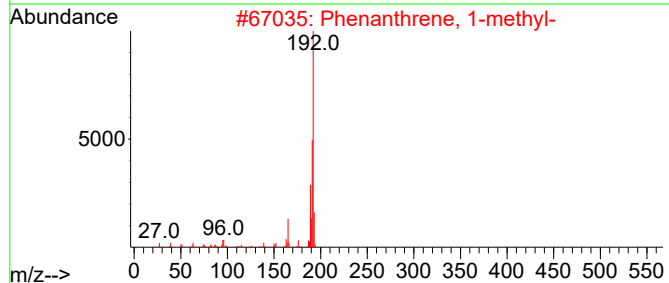
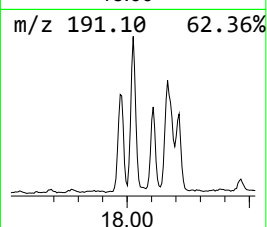
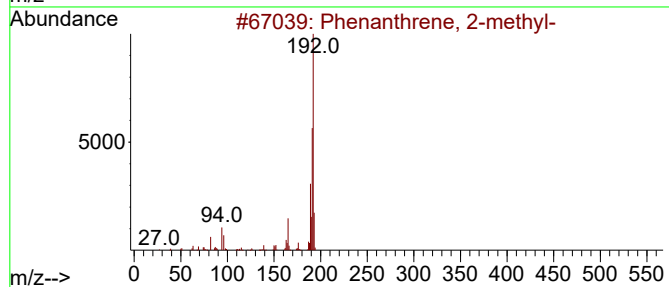
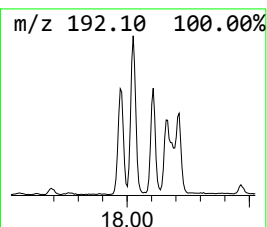
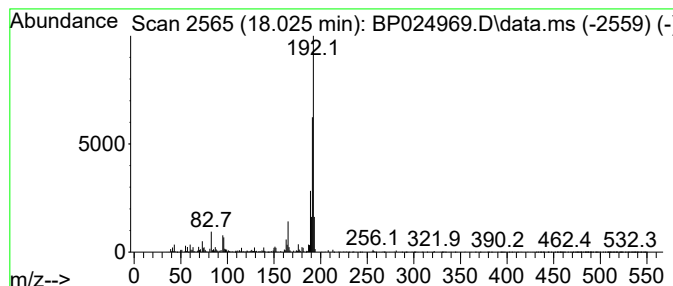
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.025	5.47 ng	950348	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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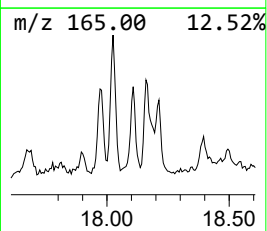
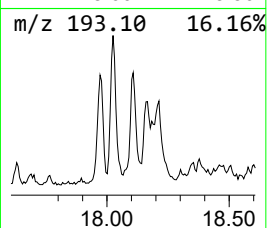
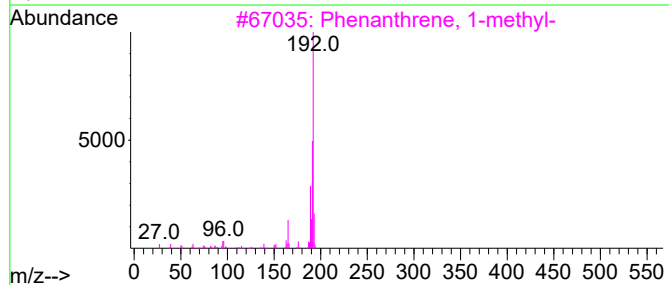
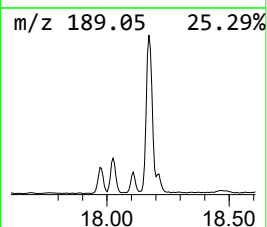
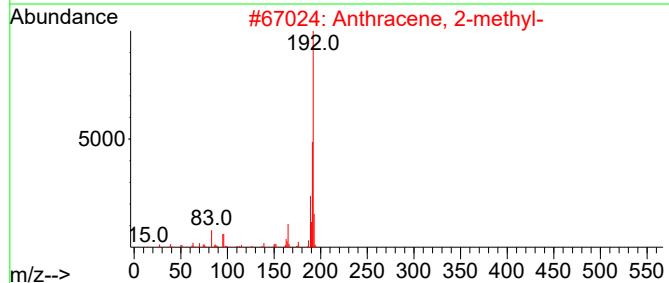
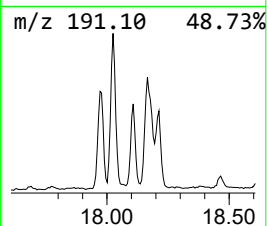
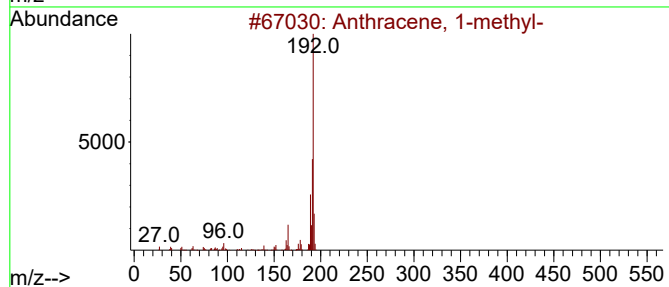
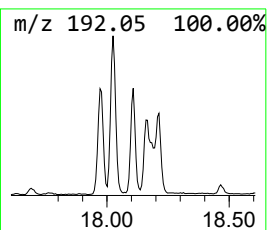
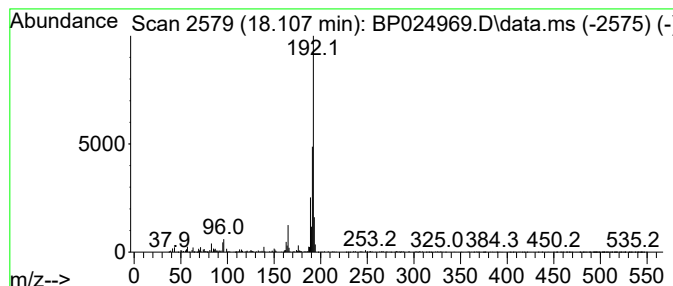
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.107	2.32 ng	403186	Phenanthrene-d10	17.066

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



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024969.D
Acq On : 16 Jun 2025 20:27
Operator : RC/JU
Sample : Q2323-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-06132025

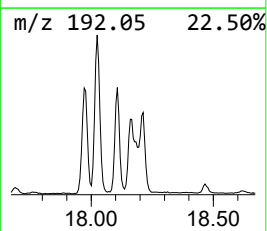
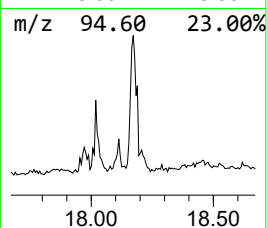
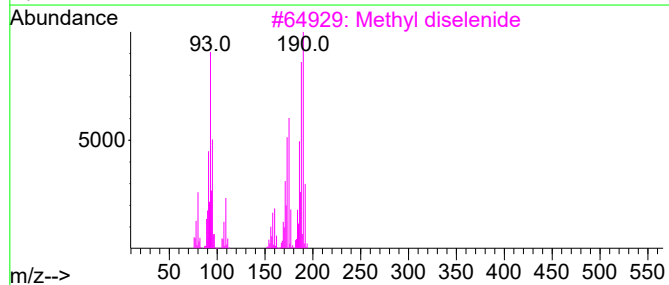
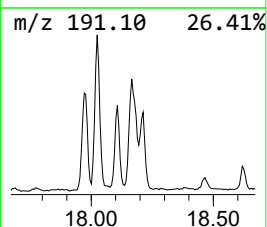
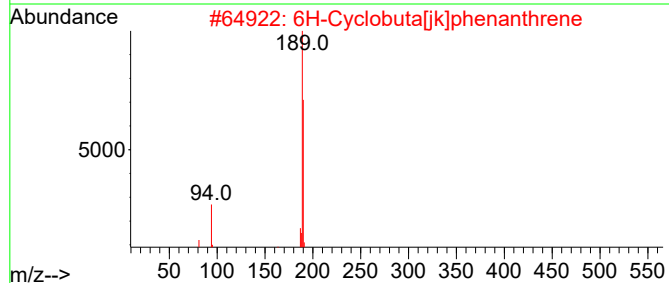
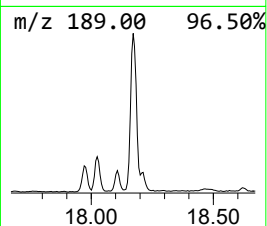
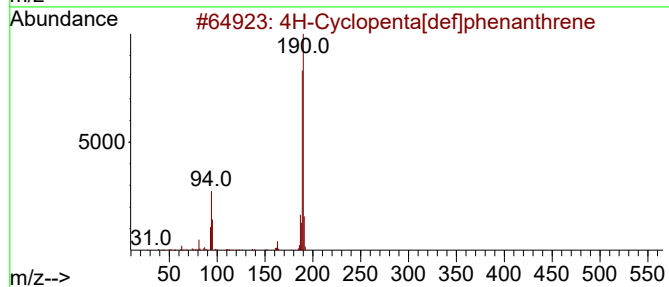
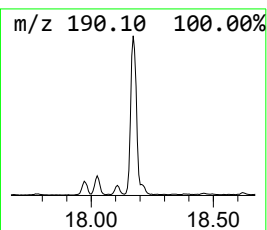
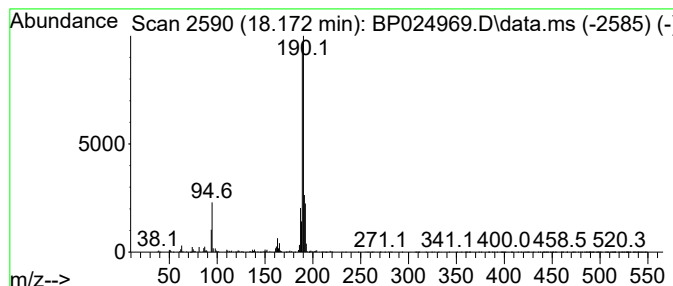
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.172	7.91 ng	1374720	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			Methyl diselenide	190	C2H6Se2	007101-31-7	49
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024969.D
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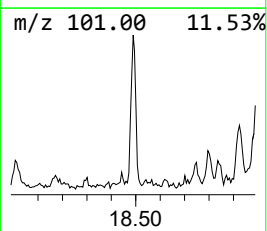
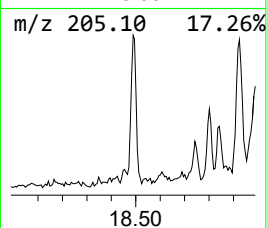
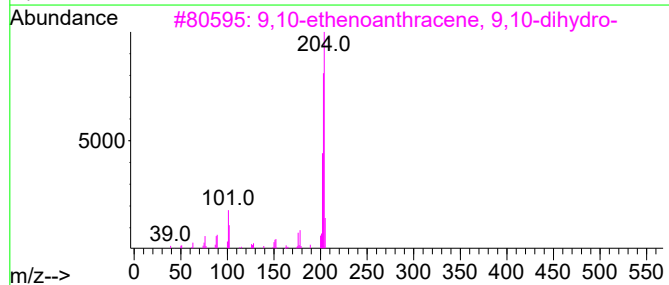
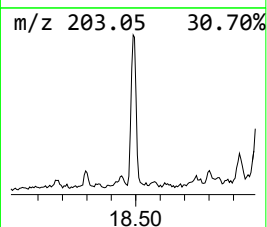
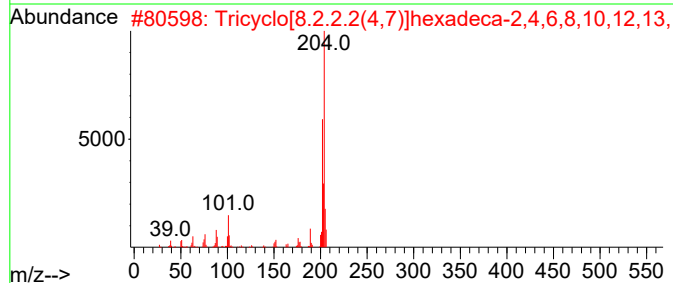
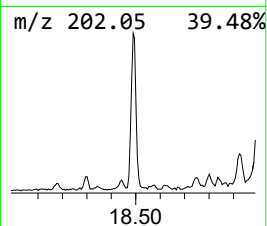
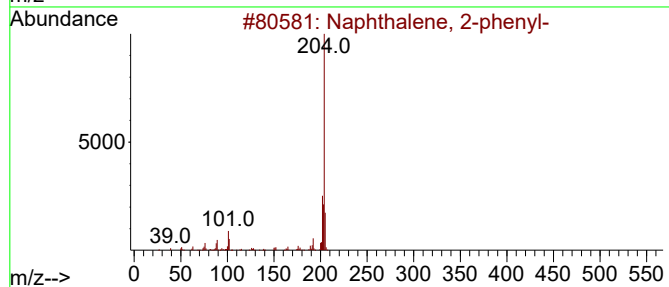
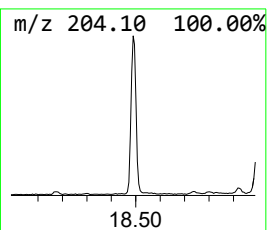
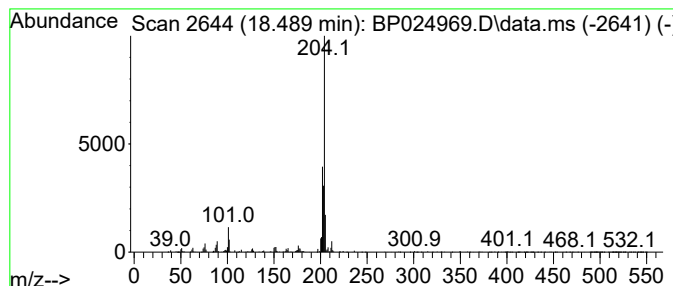
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.489	2.13 ng	370533	Phenanthrene-d10	17.066

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	45
5			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
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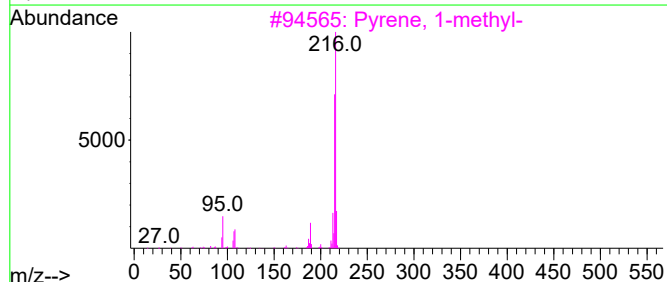
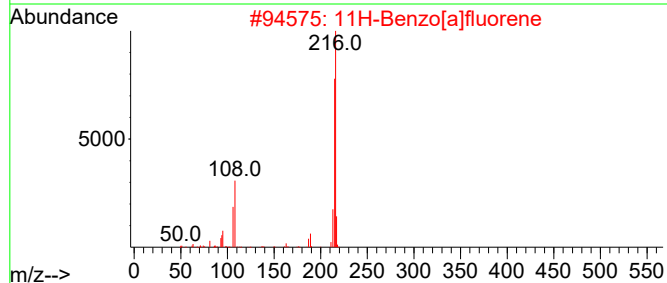
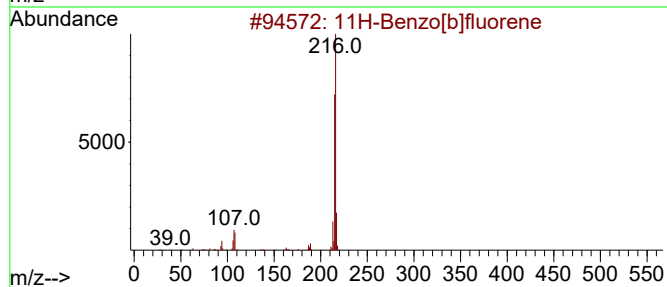
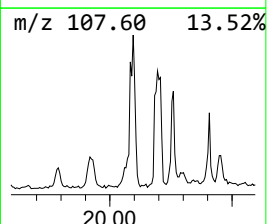
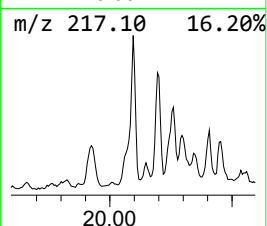
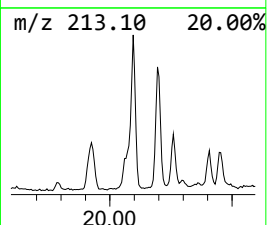
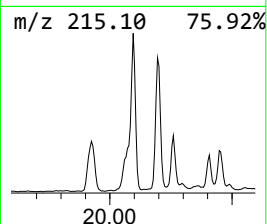
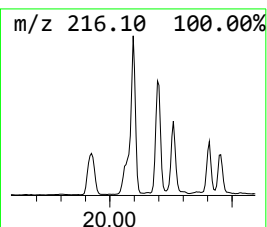
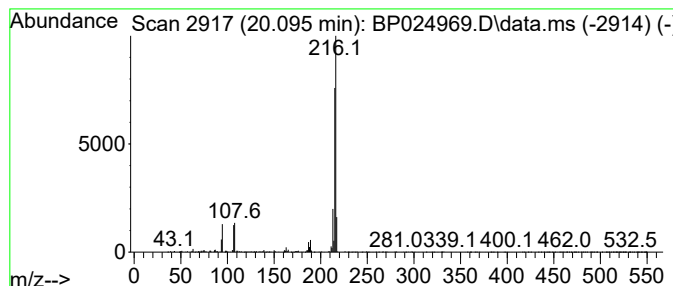
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.095	2.86 ng	1212330	Chrysene-d12	21.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024969.D
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Misc :
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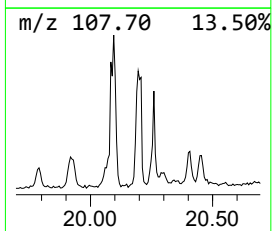
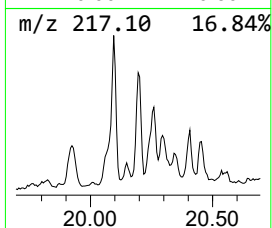
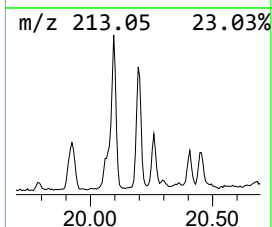
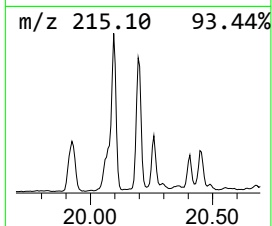
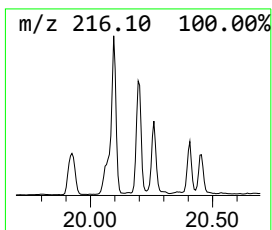
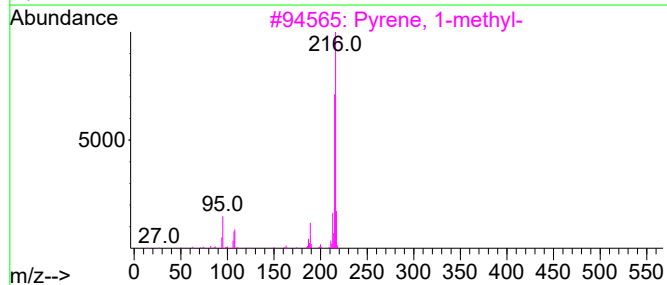
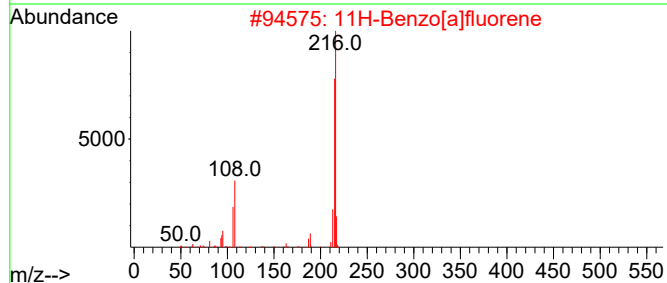
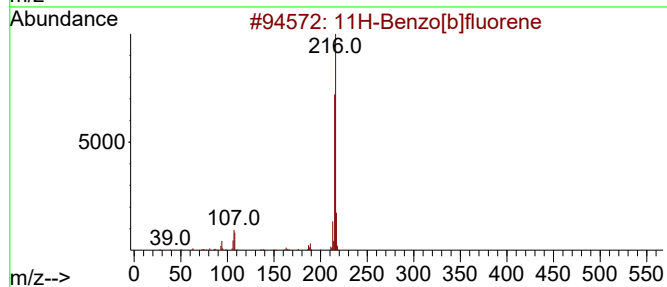
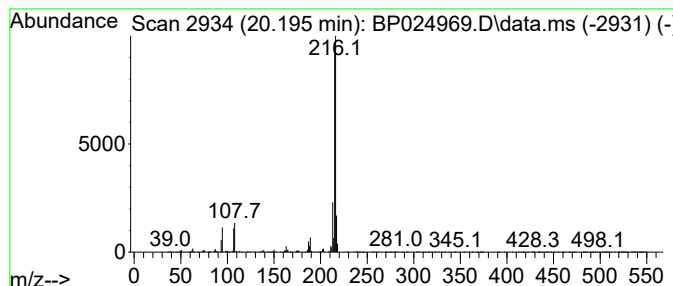
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.195	3.22 ng	1365080	Chrysene-d12	21.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
Data File : BP024969.D
Acq On : 16 Jun 2025 20:27
Operator : RC/JU
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Misc :
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ClientSampleId :
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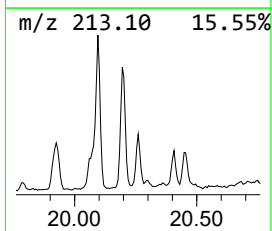
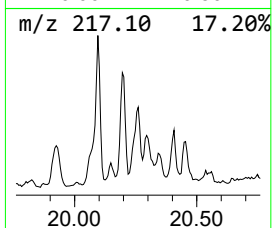
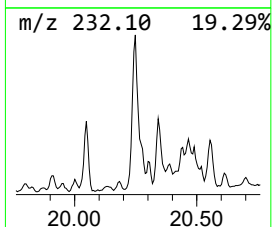
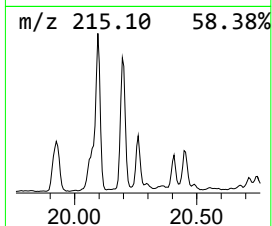
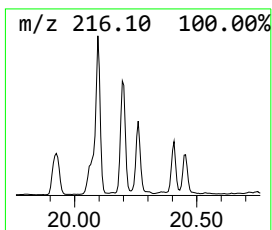
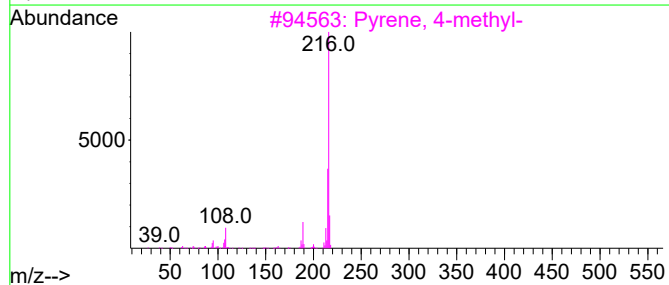
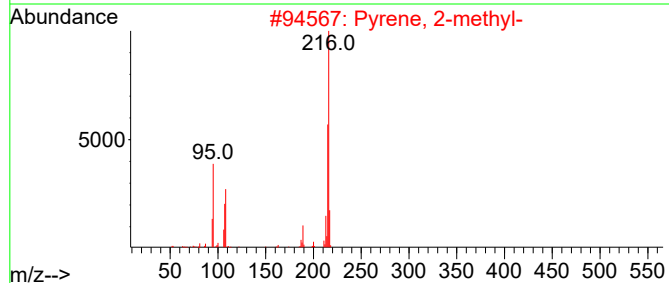
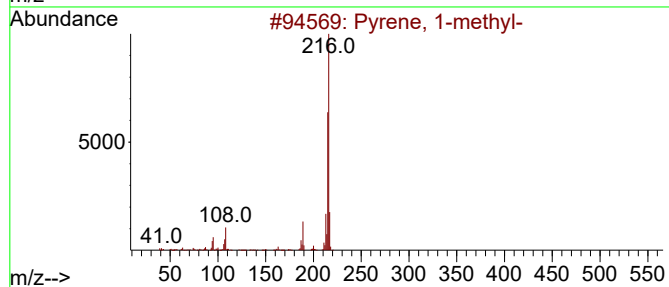
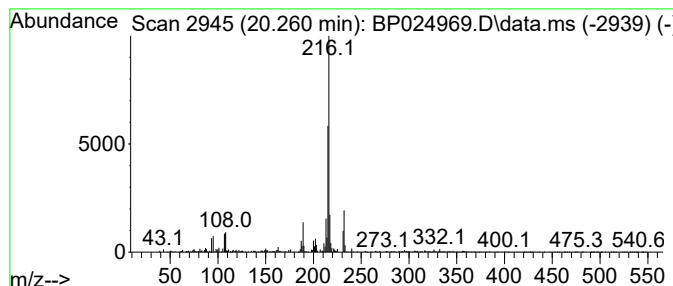
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.260	3.08 ng	1305830	Chrysene-d12	21.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : C:\Users\eUser\Desktop\Dhruv Practice\BP\
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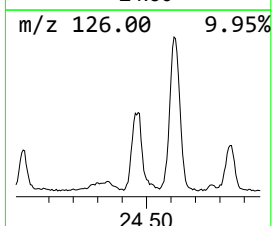
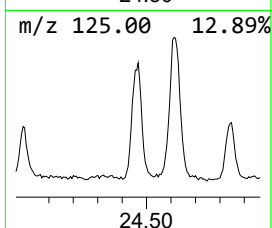
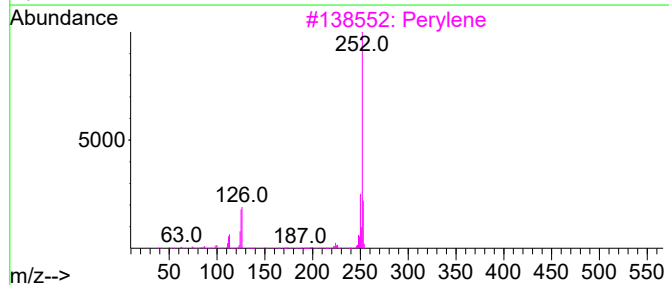
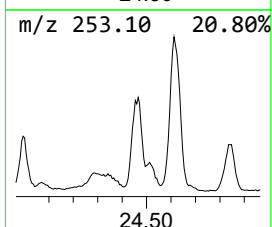
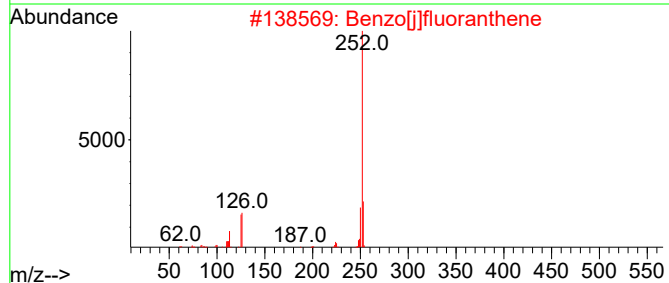
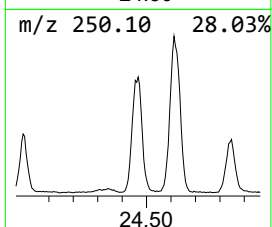
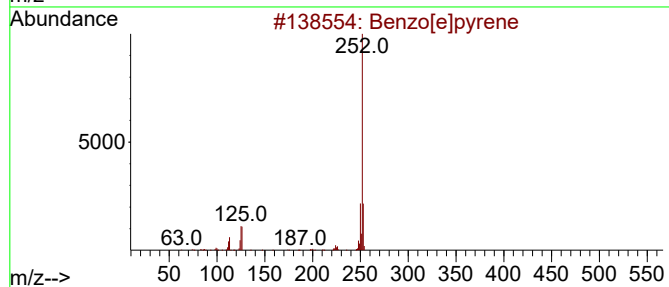
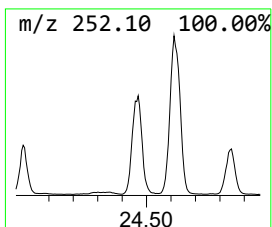
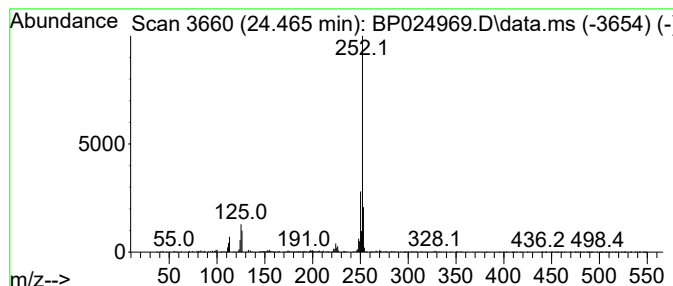
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.465	14.30 ng	2369750	Perylene-d12	24.771

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



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ClientSampleId :
PL-01-06132025

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecane, 5-pr...	16.031	2.3	ng	399039	4	17.066	3476350	20.0
Dibenzothiophene	16.878	3.1	ng	538688	4	17.066	3476350	20.0
1H-Cyclopropa[1...	17.972	2.5	ng	426478	4	17.066	3476350	20.0
Phenanthrene, 2...	18.025	5.5	ng	950348	4	17.066	3476350	20.0
Anthracene, 1-m...	18.107	2.3	ng	403186	4	17.066	3476350	20.0
4H-Cyclopenta[d...	18.172	7.9	ng	1374720	4	17.066	3476350	20.0
Naphthalene, 2-...	18.489	2.1	ng	370533	4	17.066	3476350	20.0
11H-Benzo[b]flu...	20.095	2.9	ng	1212330	5	21.495	8483550	20.0
11H-Benzo[a]flu...	20.195	3.2	ng	1365080	5	21.495	8483550	20.0
Pyrene, 1-methyl-	20.260	3.1	ng	1305830	5	21.495	8483550	20.0
Benzo[e]pyrene	24.465	14.3	ng	2369750	6	24.771	3313510	20.0