

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
 Data File : BP025867.D
 Acq On : 25 Sep 2025 21:36
 Operator : CG/JU
 Sample : Q3167-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT4784

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: BP025867.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	9	13	23	rVB	188986	264148	4.60%	0.533%
2	5.390	411	417	432	rBV	222742	410845	7.16%	0.829%
3	6.966	679	685	701	rBV	140758	331222	5.77%	0.669%
4	7.749	809	818	834	rBV	580110	1004471	17.50%	2.028%
5	8.290	901	910	919	rVB5	26574	64488	1.12%	0.130%
6	8.902	1007	1014	1020	rBV	99370	222290	3.87%	0.449%
7	10.519	1278	1289	1295	rBV	720473	1352811	23.57%	2.731%
8	12.978	1699	1707	1717	rBV	341217	615125	10.72%	1.242%
9	13.684	1822	1827	1833	rBV2	34993	63350	1.10%	0.128%
10	14.090	1890	1896	1912	rBV	325829	597849	10.42%	1.207%
11	14.366	1934	1943	1950	rBV	1215986	1873868	32.65%	3.783%
12	14.431	1950	1954	1964	rVB	87620	177425	3.09%	0.358%
13	14.784	2008	2014	2022	rBV	57693	106511	1.86%	0.215%
14	15.437	2120	2125	2137	rVB	109897	251530	4.38%	0.508%
15	15.654	2158	2162	2168	rBV3	57880	94531	1.65%	0.191%
16	15.901	2199	2204	2212	rBV2	297874	480435	8.37%	0.970%
17	16.142	2238	2245	2258	rVB3	125204	275702	4.80%	0.557%
18	16.995	2386	2390	2400	rBV2	123388	223471	3.89%	0.451%
19	17.178	2416	2421	2425	rBV2	1335830	2110645	36.78%	4.261%
20	17.225	2425	2429	2435	rVB	1282649	1854005	32.30%	3.743%
21	17.319	2441	2445	2451	rBV	341324	520306	9.07%	1.050%
22	17.389	2452	2457	2461	rVV2	96727	176403	3.07%	0.356%
23	17.607	2491	2494	2501	rVB	90687	139237	2.43%	0.281%
24	17.713	2508	2512	2515	rVB3	79359	104866	1.83%	0.212%
25	18.084	2571	2575	2578	rBV	253541	385642	6.72%	0.779%
26	18.119	2578	2581	2591	rVV2	549373	1201913	20.94%	2.426%
27	18.219	2595	2598	2604	rVV2	132463	290067	5.05%	0.586%
28	18.283	2605	2609	2614	rVV3	412393	841282	14.66%	1.698%
29	18.325	2614	2616	2622	rVB	249157	339848	5.92%	0.686%
30	18.419	2630	2632	2636	rVB2	90654	83211	1.45%	0.168%
31	18.601	2661	2663	2668	rVB	217904	268710	4.68%	0.542%
32	18.654	2669	2672	2676	rVB2	181577	227388	3.96%	0.459%
33	18.913	2714	2716	2721	rVB	143250	160880	2.80%	0.325%
34	19.031	2733	2736	2741	rBV	194617	308682	5.38%	0.623%
35	19.083	2743	2745	2750	rVB6	140238	202013	3.52%	0.408%
36	19.313	2776	2784	2790	rBV	3570781	5085977	88.62%	10.268%

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Peak separation: 5

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37	19.436	2802	2805	2807	rBV2	336437	443696	7.73%	0.896%
38	19.589	2828	2831	2834	rBV2	271374	310247	5.41%	0.626%
39	19.619	2834	2836	2839	rVV3	266881	340998	5.94%	0.688%
40	19.689	2839	2848	2855	rVB2	2741026	5739231	100.00%	11.587%
41	19.901	2881	2884	2888	rVB	844331	988945	17.23%	1.997%
42	20.025	2899	2905	2906	rBV3	503822	823742	14.35%	1.663%
43	20.083	2913	2915	2917	rVB	203291	135202	2.36%	0.273%
44	20.107	2917	2919	2924	rVB5	186110	239849	4.18%	0.484%
45	20.207	2933	2936	2941	rVB2	519387	630060	10.98%	1.272%
46	20.260	2943	2945	2946	rBV2	181776	123839	2.16%	0.250%
47	20.313	2950	2954	2959	rBV	781745	1164050	20.28%	2.350%
48	20.648	3009	3011	3012	rBV	436048	248241	4.33%	0.501%
49	21.560	3164	3166	3167	rBV	282797	150957	2.63%	0.305%
50	21.619	3170	3176	3183	rVV2	2153490	5585260	97.32%	11.276%
51	21.677	3183	3186	3191	rVB	1400545	1993491	34.73%	4.025%
52	22.460	3315	3319	3320	rBV3	372285	450398	7.85%	0.909%
53	23.930	3564	3569	3577	rBV	891971	2044950	35.63%	4.128%
54	24.830	3716	3722	3732	rBV	1017770	2939647	51.22%	5.935%
55	25.001	3745	3751	3759	rBV2	921128	2469121	43.02%	4.985%

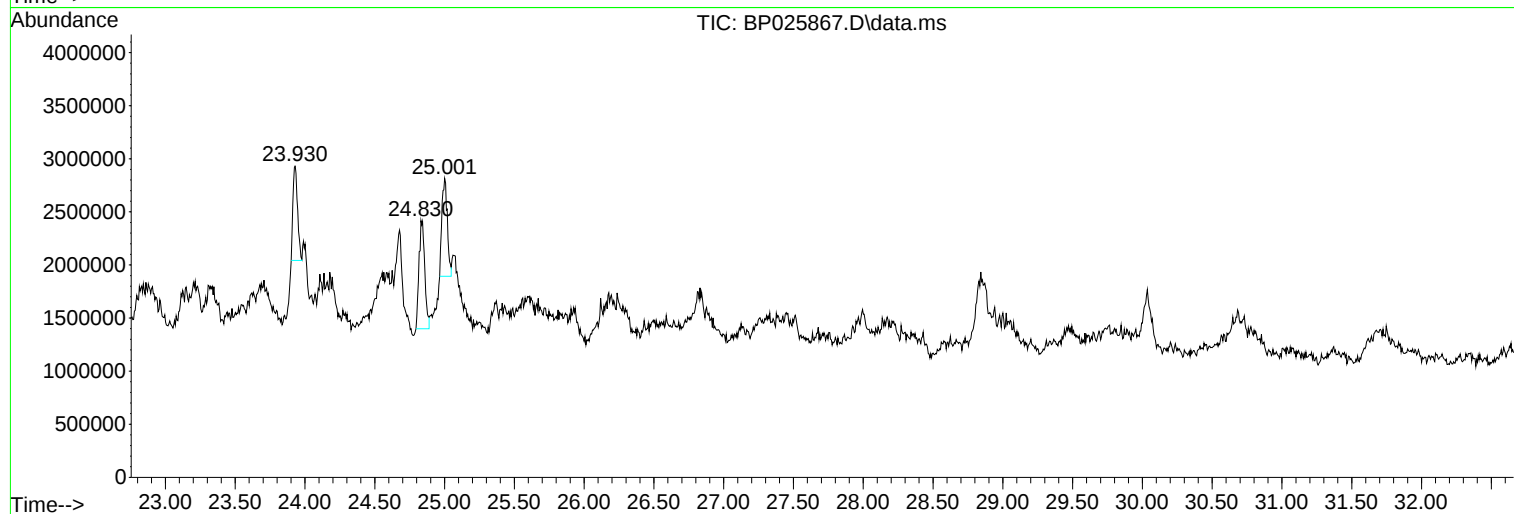
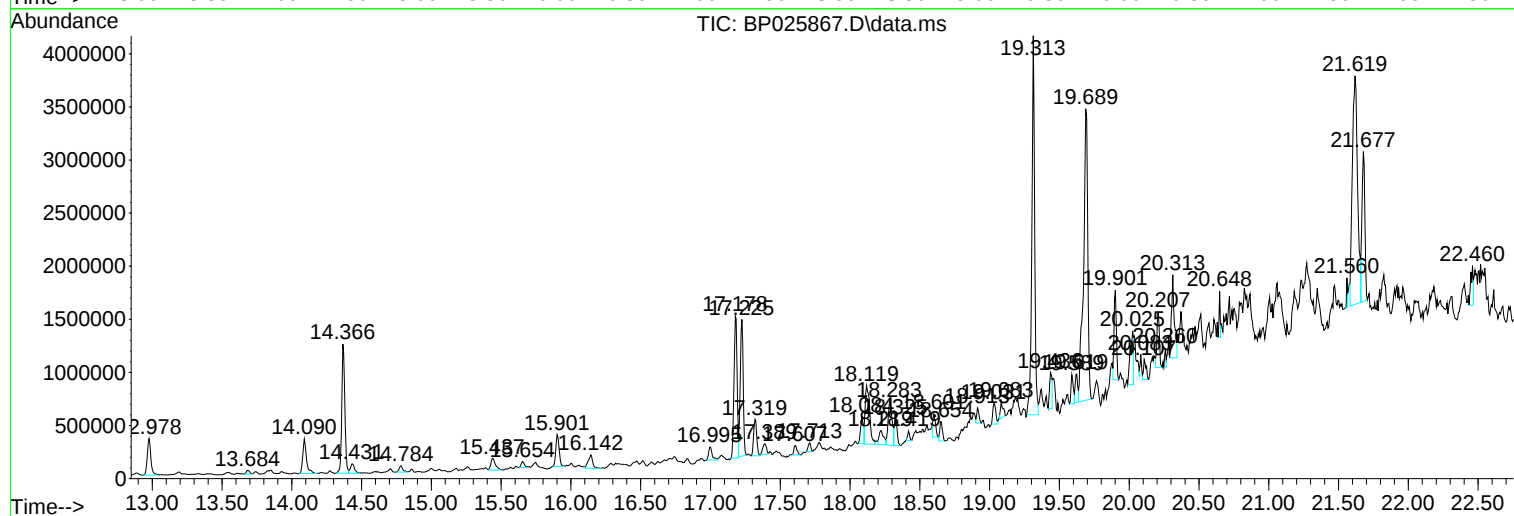
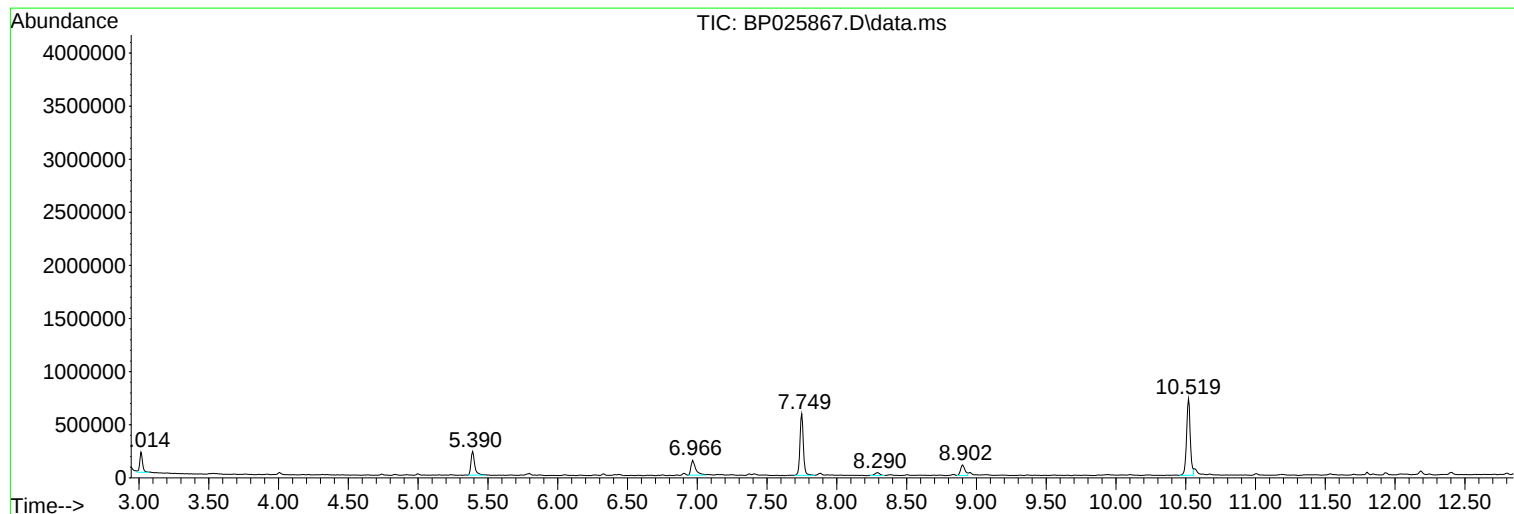
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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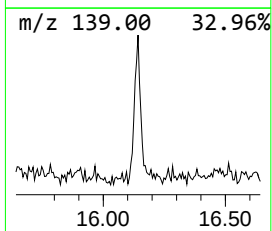
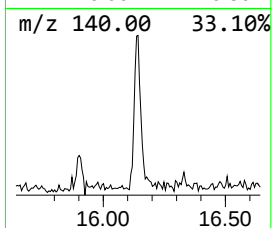
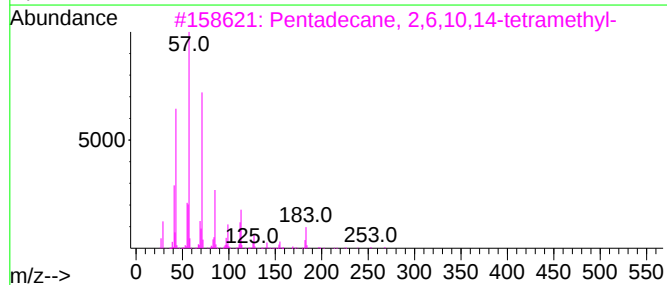
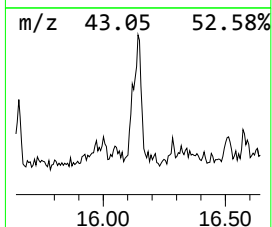
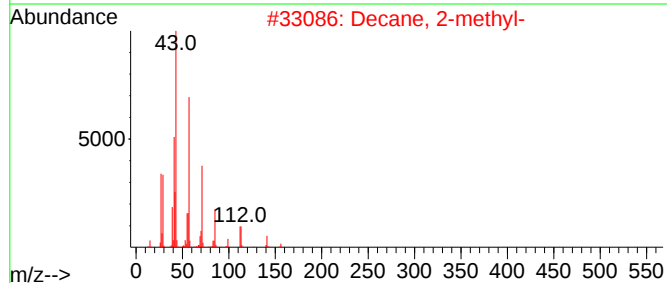
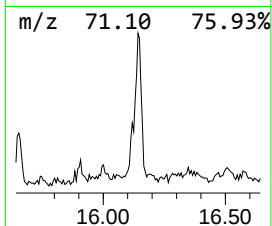
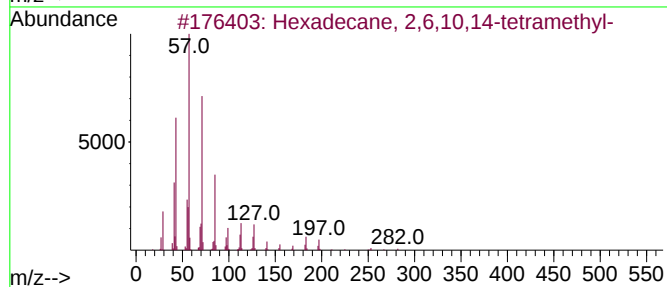
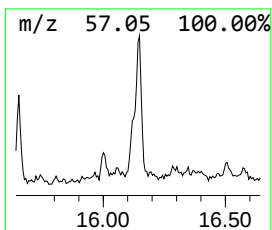
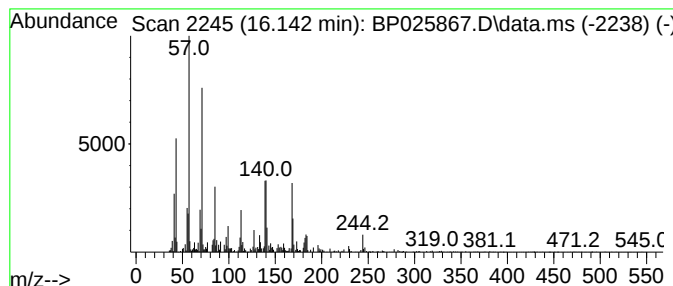
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.142	2.61 ng	275702	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2			Decane, 2-methyl-	156	C11H24	006975-98-0	60
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
5			5-Ethyldecane	170	C12H26	017302-36-2	49



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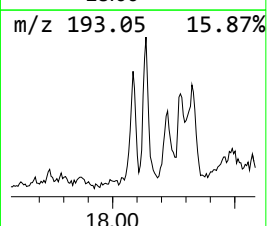
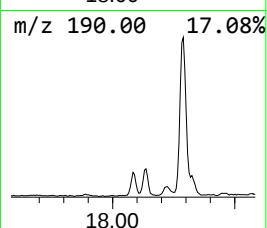
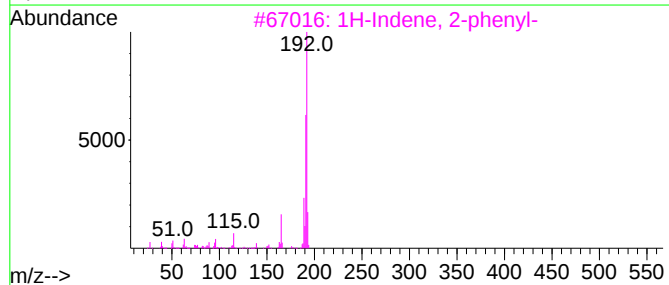
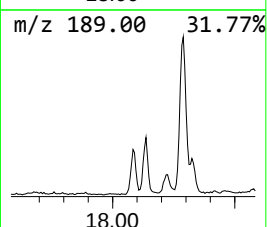
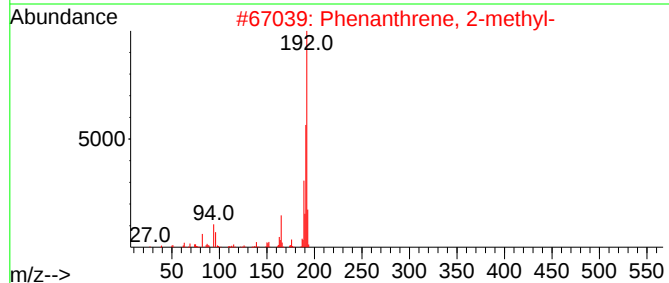
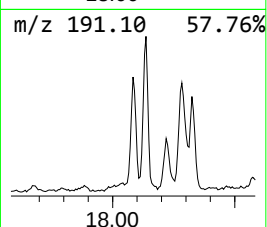
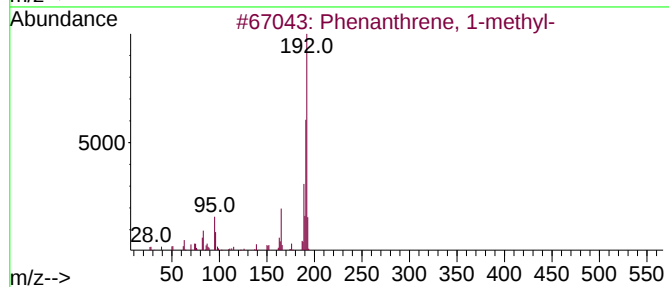
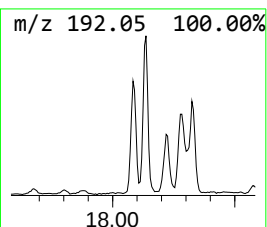
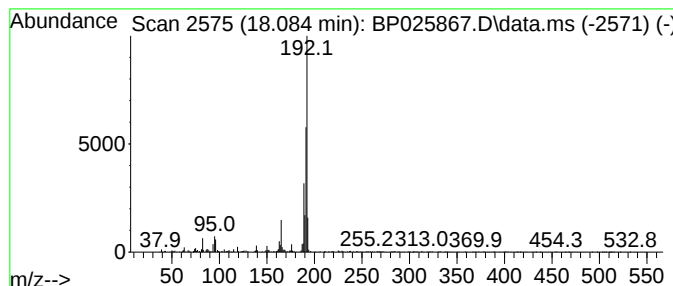
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	3.65 ng	385642	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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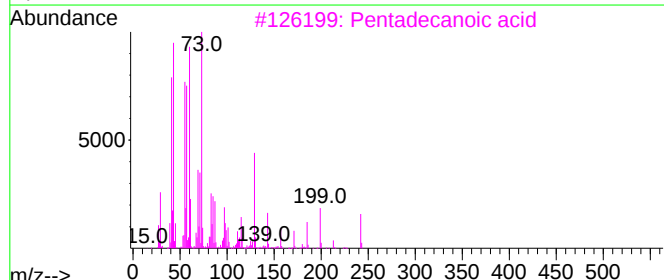
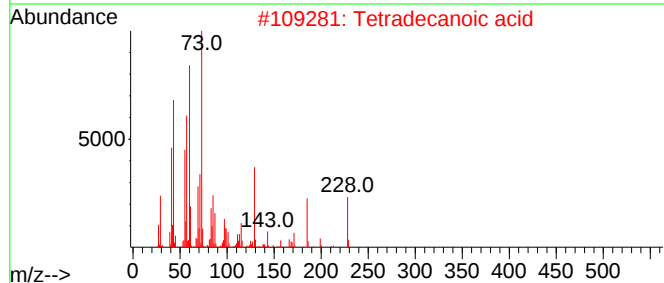
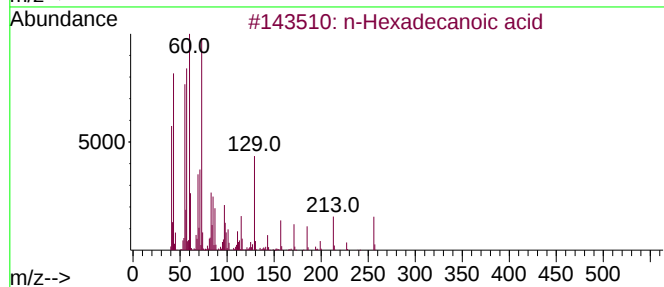
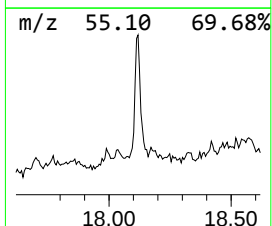
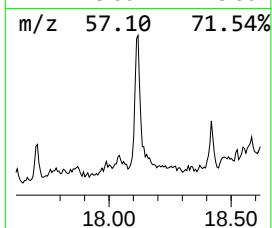
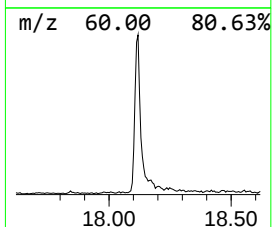
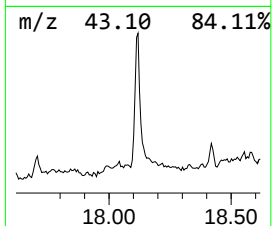
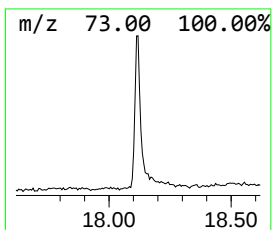
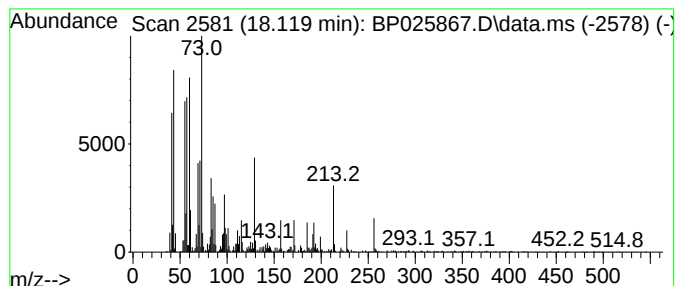
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	11.39 ng	1201910	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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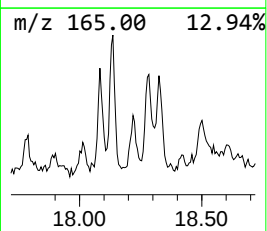
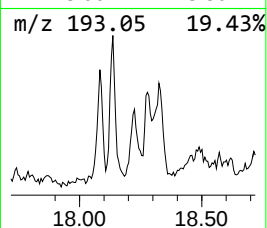
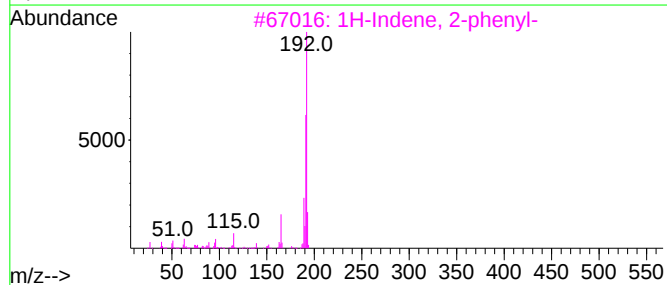
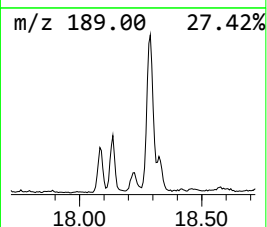
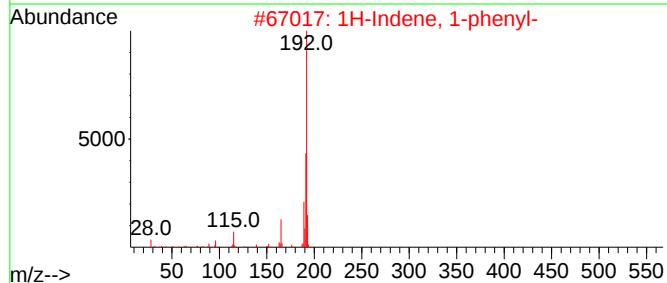
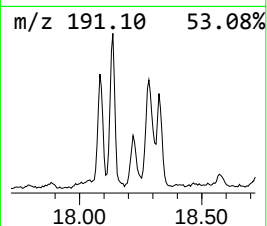
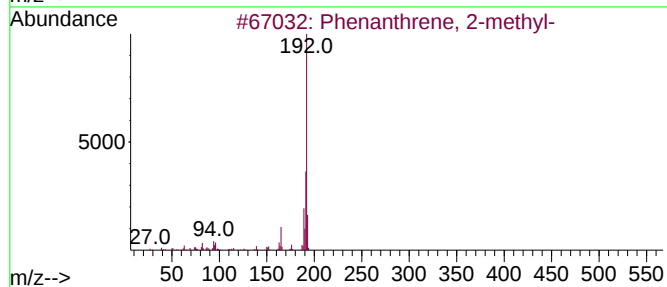
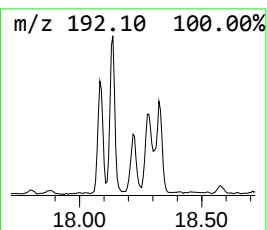
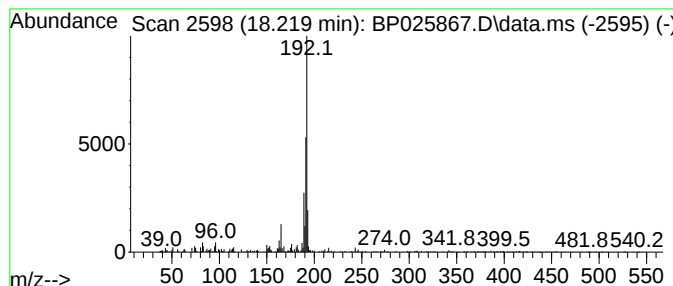
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.219	2.75 ng	290067	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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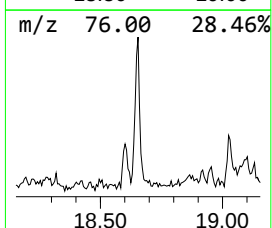
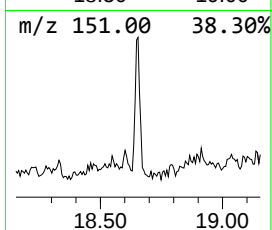
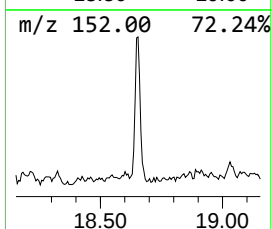
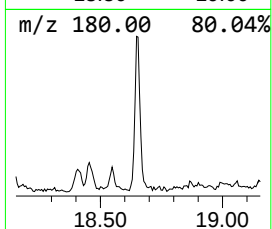
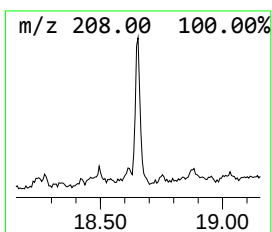
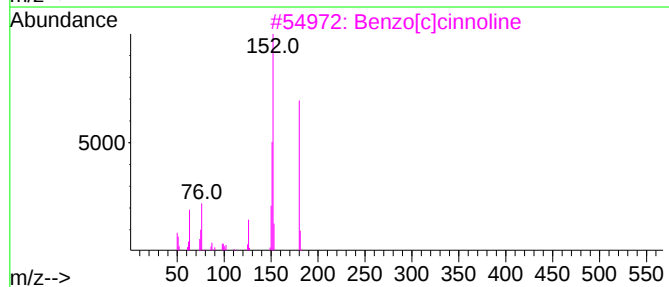
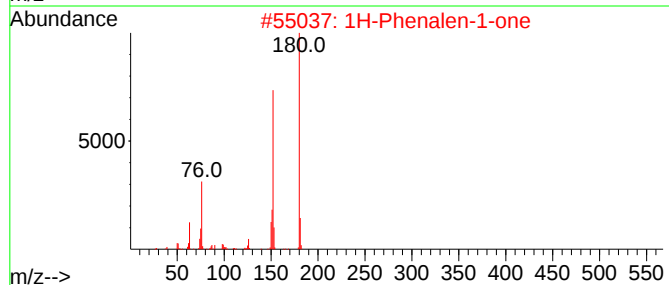
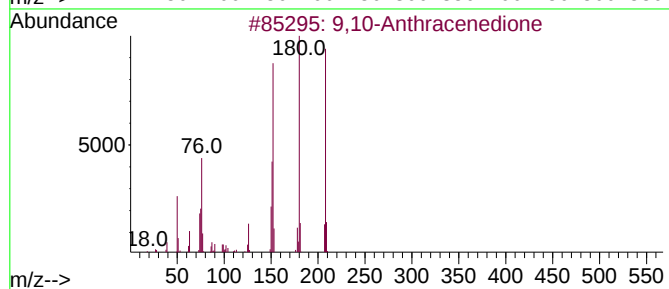
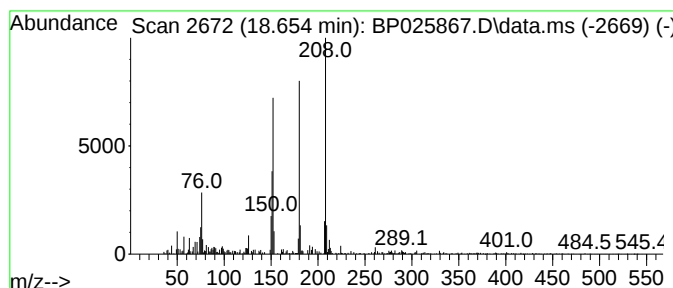
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ClientSampleId :
RT4784

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 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.654	2.15 ng	227388	Phenanthrene-d10			17.178
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	94
2	1H-Phenalen-1-one		180	C13H8O	000548-39-0	64
3	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	60
4	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	43
5	6-Amino-2-(4-methylpiperidin-1-y...		208	C10H16N4O	1000388-65-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025867.D
Acq On : 25 Sep 2025 21:36
Operator : CG/JU
Sample : Q3167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT4784

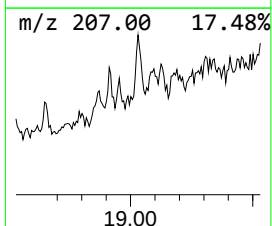
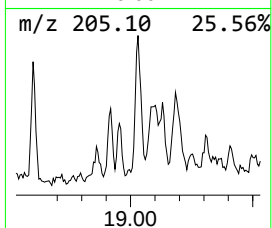
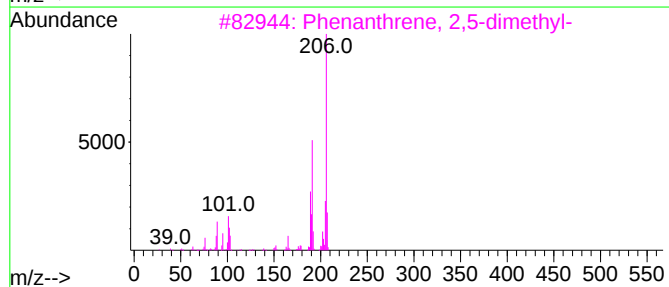
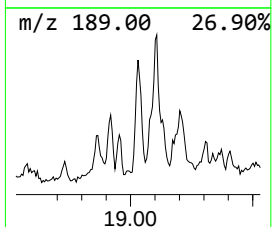
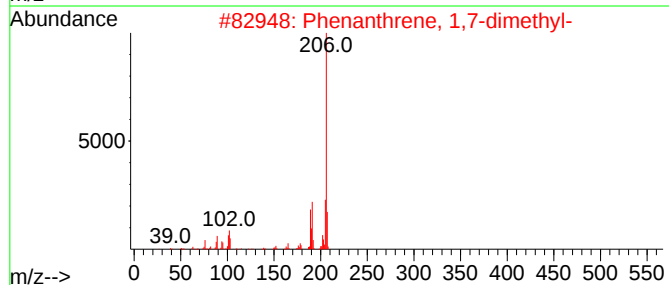
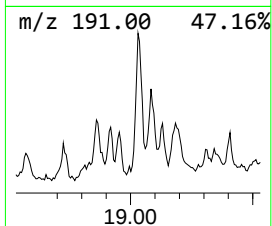
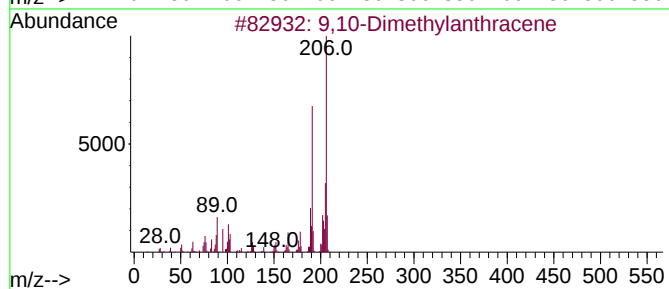
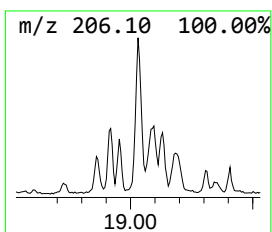
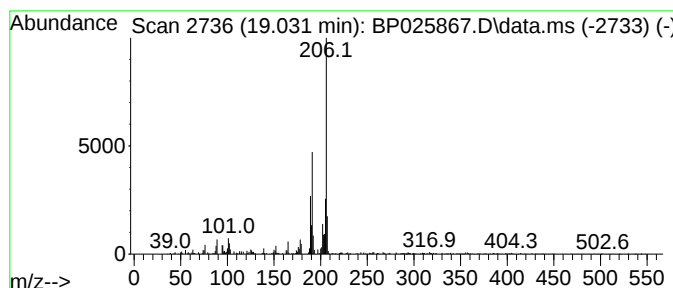
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.031	2.92 ng	308682	Phenanthrene-d10	17.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025867.D
Acq On : 25 Sep 2025 21:36
Operator : CG/JU
Sample : Q3167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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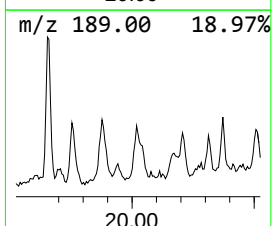
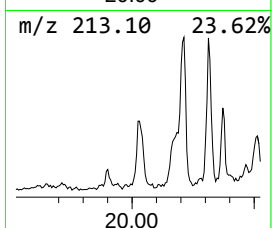
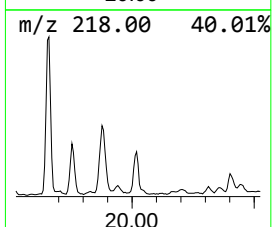
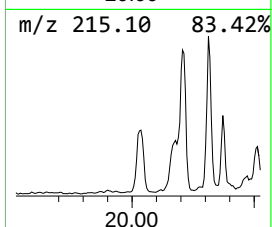
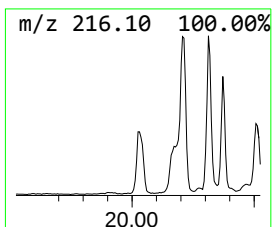
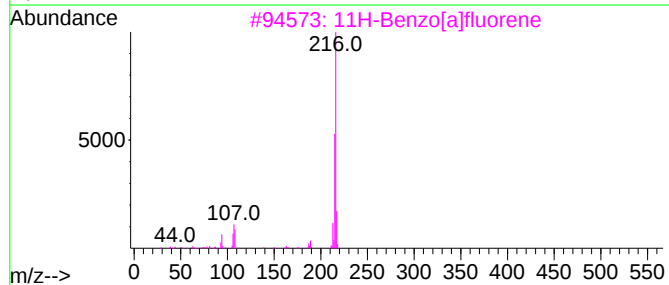
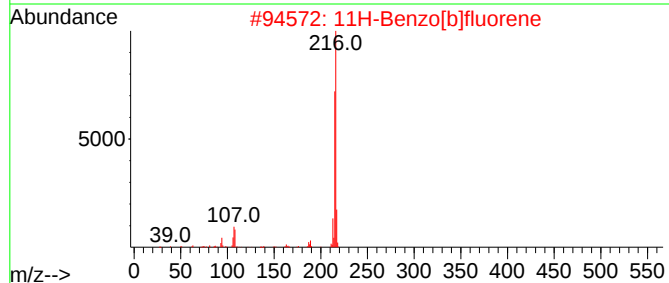
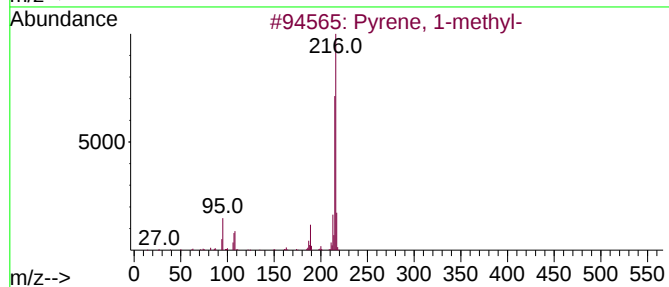
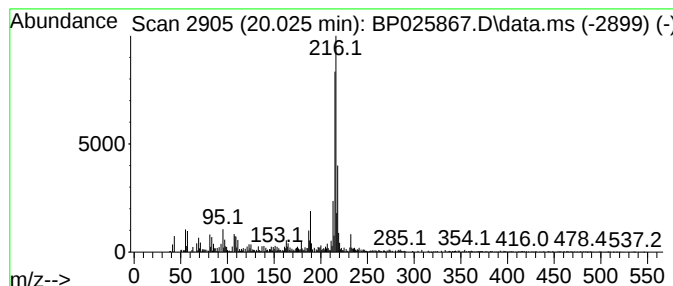
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.025	2.95 ng	823742	Chrysene-d12	21.625

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	76
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025867.D
Acq On : 25 Sep 2025 21:36
Operator : CG/JU
Sample : Q3167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

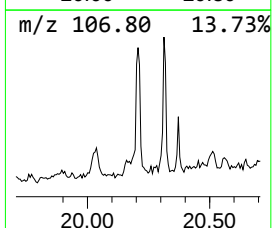
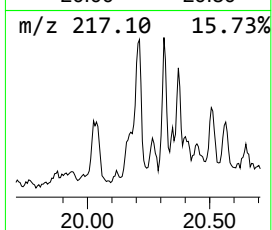
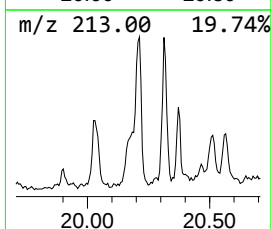
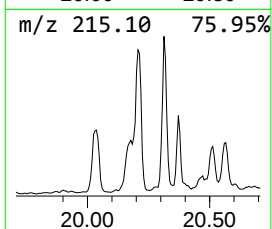
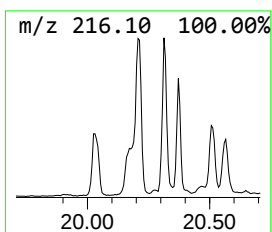
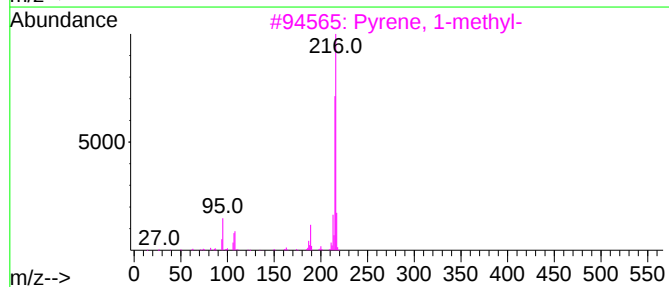
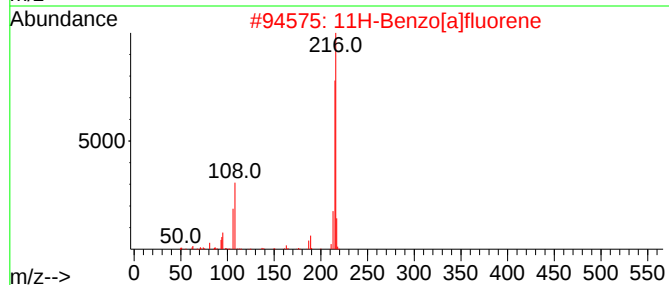
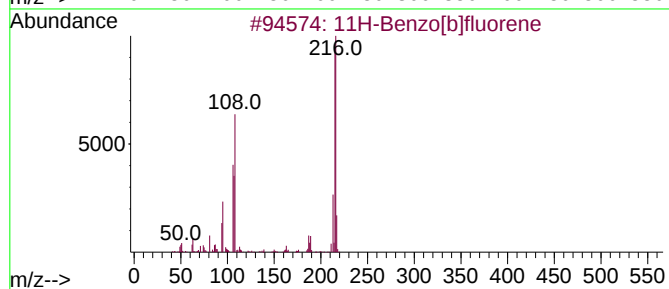
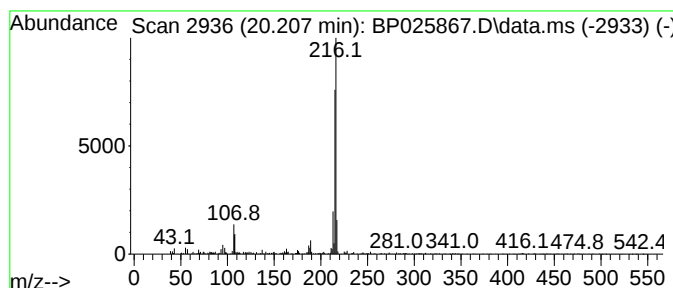
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.207	2.26 ng	630060	Chrysene-d12	21.625	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025867.D
Acq On : 25 Sep 2025 21:36
Operator : CG/JU
Sample : Q3167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

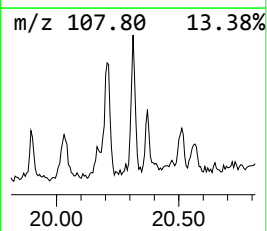
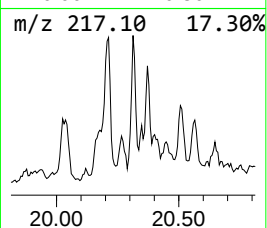
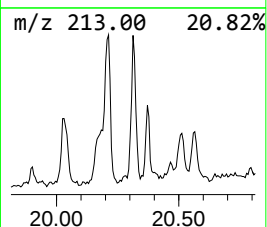
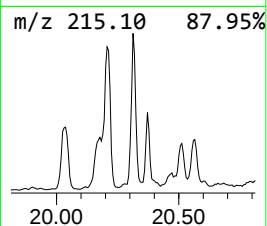
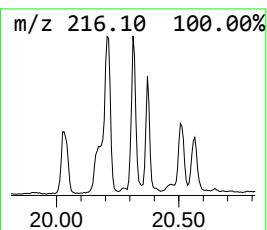
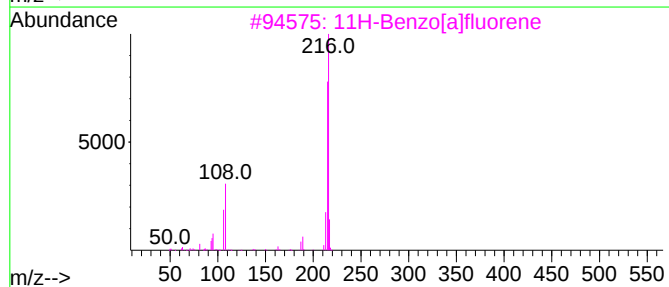
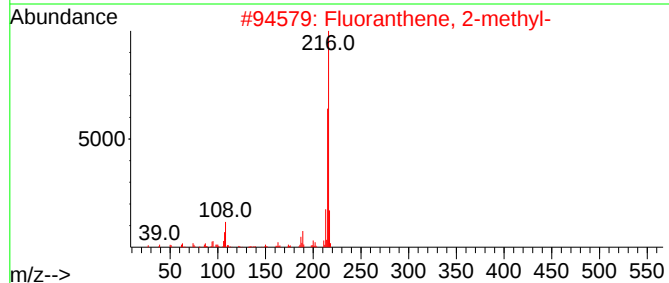
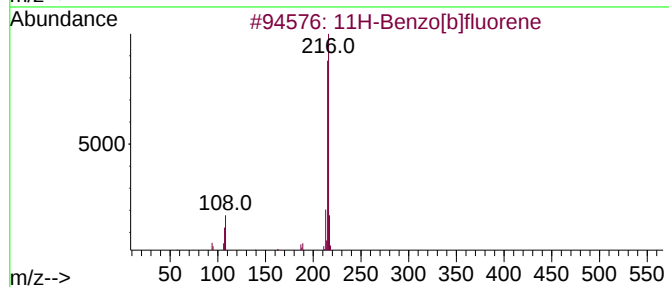
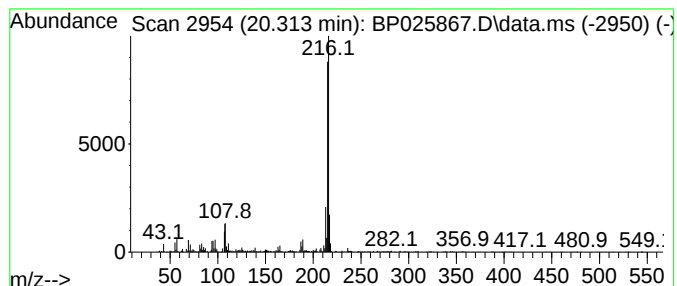
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.313	4.17 ng	1164050	Chrysene-d12	21.625	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092525\
Data File : BP025867.D
Acq On : 25 Sep 2025 21:36
Operator : CG/JU
Sample : Q3167-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT4784

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecane, 2,6...	16.142	2.6	ng	275702	4	17.178	2110650	20.0
Phenanthrene, 1...	18.084	3.6	ng	385642	4	17.178	2110650	20.0
n-Hexadecanoic ...	18.119	11.4	ng	1201910	4	17.178	2110650	20.0
Phenanthrene, 2...	18.219	2.8	ng	290067	4	17.178	2110650	20.0
9,10-Anthracene...	18.654	2.1	ng	227388	4	17.178	2110650	20.0
Phenanthrene, 1...	19.031	2.9	ng	308682	4	17.178	2110650	20.0
Pyrene, 1-methyl-	20.025	3.0	ng	823742	5	21.625	5585260	20.0
11H-Benzo[b]flu...	20.207	2.3	ng	630060	5	21.625	5585260	20.0
Fluoranthene, 2...	20.313	4.2	ng	1164050	5	21.625	5585260	20.0