

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025558.D
 Acq On : 22 Aug 2025 21:05
 Operator : CG/JU
 Sample : Q2919-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-08202025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	12	16	21	rBV	189413	221303	4.33%	0.466%
2	4.943	335	341	349	rBV2	34218	54072	1.06%	0.114%
3	5.402	412	419	429	rBV	315839	483595	9.47%	1.018%
4	6.961	676	684	704	rBV	284771	501640	9.82%	1.056%
5	7.778	816	823	831	rBV	683995	1053732	20.63%	2.217%
6	8.919	1010	1017	1027	rBV	180115	304977	5.97%	0.642%
7	10.549	1284	1294	1301	rBV	798486	1485722	29.09%	3.126%
8	12.201	1570	1575	1584	rVB2	30636	56121	1.10%	0.118%
9	12.419	1607	1612	1620	rVB	38815	71380	1.40%	0.150%
10	13.001	1703	1711	1720	rBV	485972	755551	14.79%	1.590%
11	13.701	1824	1830	1835	rBV2	58716	95336	1.87%	0.201%
12	13.837	1846	1853	1858	rBV	54336	92184	1.81%	0.194%
13	14.107	1892	1899	1912	rBV	300365	553229	10.83%	1.164%
14	14.384	1936	1946	1952	rBV	1409706	2035780	39.86%	4.284%
15	14.448	1952	1957	1964	rVB	91887	143078	2.80%	0.301%
16	14.790	2007	2015	2023	rVB3	66530	126564	2.48%	0.266%
17	14.866	2023	2028	2033	rVB2	35261	54923	1.08%	0.116%
18	14.995	2045	2050	2057	rBV4	40789	100325	1.96%	0.211%
19	15.266	2091	2096	2102	rBV3	56964	92755	1.82%	0.195%
20	15.448	2121	2127	2139	rVB2	148485	282321	5.53%	0.594%
21	15.672	2160	2165	2173	rVB5	30745	60945	1.19%	0.128%
22	15.760	2173	2180	2188	rVB3	100072	191515	3.75%	0.403%
23	15.895	2195	2203	2211	rBV2	423636	700826	13.72%	1.475%
24	16.131	2239	2243	2253	rVB3	77209	148649	2.91%	0.313%
25	16.466	2294	2300	2305	rBV2	52201	107482	2.10%	0.226%
26	16.519	2306	2309	2316	rVB4	42554	57423	1.12%	0.121%
27	16.748	2345	2348	2352	rVB	40862	52125	1.02%	0.110%
28	16.819	2358	2360	2371	rVB5	30573	67008	1.31%	0.141%
29	16.995	2386	2390	2398	rVB	117987	195897	3.84%	0.412%
30	17.178	2415	2421	2425	rBV	1530888	2514850	49.24%	5.292%
31	17.219	2425	2428	2436	rVV	1006945	1690225	33.10%	3.556%
32	17.319	2440	2445	2450	rVV	392221	594828	11.65%	1.252%
33	17.378	2450	2455	2460	rVB4	73493	134291	2.63%	0.283%
34	17.595	2484	2492	2496	rBV2	130363	250632	4.91%	0.527%
35	17.713	2509	2512	2517	rVB2	67679	91623	1.79%	0.193%
36	17.778	2519	2523	2528	rVB	82191	135384	2.65%	0.285%

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37	17.925	2544	2548	2555	rVB2	76242	144682	2.83%	0.304%
38	18.084	2570	2575	2578	rBV	295020	440117	8.62%	0.926%
39	18.131	2578	2583	2590	rVB	392300	705386	13.81%	1.484%
40	18.213	2593	2597	2603	rBV	138607	257084	5.03%	0.541%
41	18.284	2603	2609	2613	rVV3	480859	929489	18.20%	1.956%
42	18.319	2613	2615	2623	rVB	249849	342108	6.70%	0.720%
43	18.601	2659	2663	2666	rBV2	146307	209456	4.10%	0.441%
44	18.642	2667	2670	2676	rVB2	93879	158586	3.11%	0.334%
45	18.825	2698	2701	2703	rBV	52179	59938	1.17%	0.126%
46	18.854	2704	2706	2711	rVB	77468	88687	1.74%	0.187%
47	18.913	2712	2716	2719	rBV	117117	176706	3.46%	0.372%
48	19.036	2732	2737	2741	rBV	363534	550484	10.78%	1.158%
49	19.089	2741	2746	2750	rBV6	177991	363212	7.11%	0.764%
50	19.172	2756	2760	2769	rBV4	177373	393839	7.71%	0.829%
51	19.307	2777	2783	2789	rBV	2317154	3510492	68.74%	7.387%
52	19.460	2806	2809	2813	rVB	159820	220521	4.32%	0.464%
53	19.554	2822	2825	2828	rBV	100625	138214	2.71%	0.291%
54	19.683	2837	2847	2857	rBV	2618111	4499929	88.11%	9.468%
55	19.766	2857	2861	2867	rVB2	208492	363576	7.12%	0.765%
56	19.866	2875	2878	2879	rBV2	113548	118856	2.33%	0.250%
57	19.895	2879	2883	2887	rVB	868874	1107646	21.69%	2.331%
58	20.025	2900	2905	2911	rBV4	236908	559675	10.96%	1.178%
59	20.172	2925	2930	2931	rBV3	215849	337974	6.62%	0.711%
60	20.195	2931	2934	2939	rVB	570333	786158	15.39%	1.654%
61	20.307	2949	2953	2957	rVB2	335716	452619	8.86%	0.952%
62	20.360	2959	2962	2967	rVV2	344357	487535	9.55%	1.026%
63	20.513	2984	2988	2991	rBV	276420	377086	7.38%	0.793%
64	20.554	2992	2995	3000	rVB2	256430	357542	7.00%	0.752%
65	21.613	3167	3175	3180	rBV2	2173590	5106892	100.00%	10.746%
66	21.666	3180	3184	3194	rVB	995681	1798274	35.21%	3.784%
67	23.907	3558	3565	3572	rBV	824937	2415341	47.30%	5.082%
68	24.813	3714	3719	3729	rVB	680551	2063554	40.41%	4.342%
69	24.989	3742	3749	3755	rVB	1075258	2445748	47.89%	5.146%

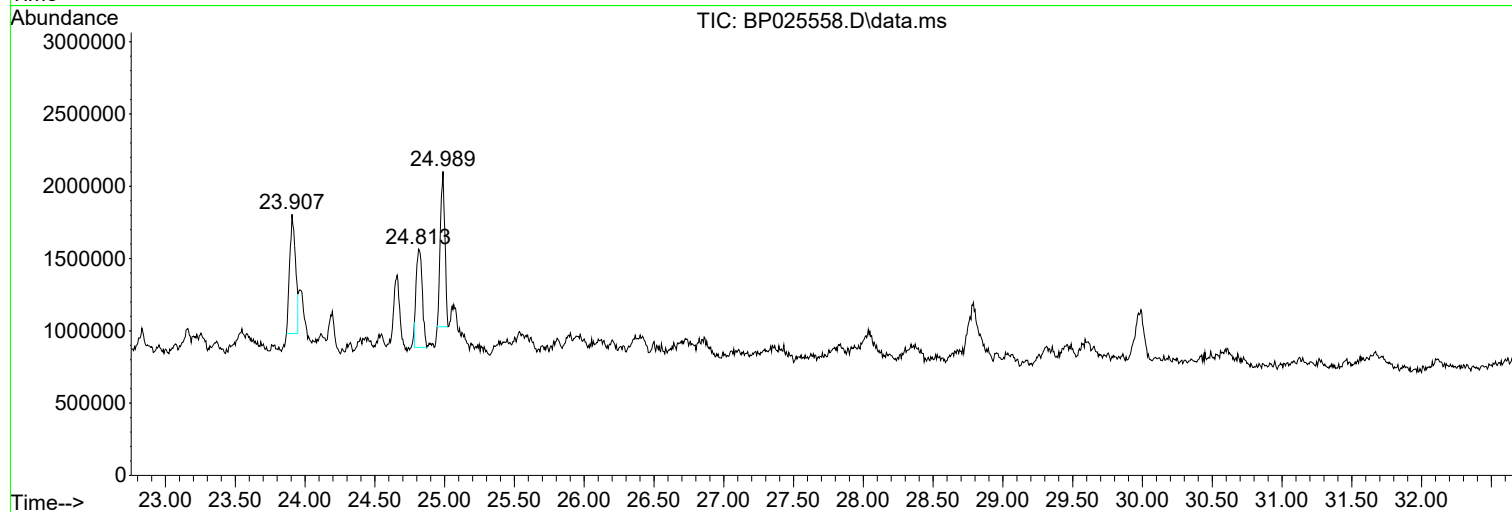
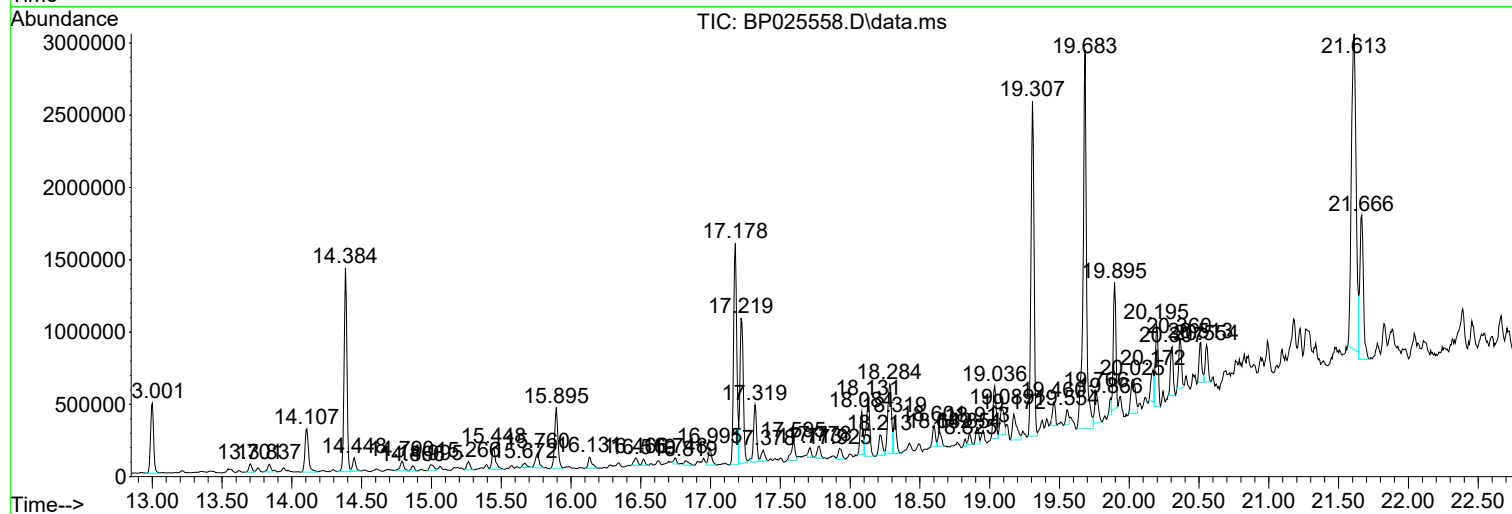
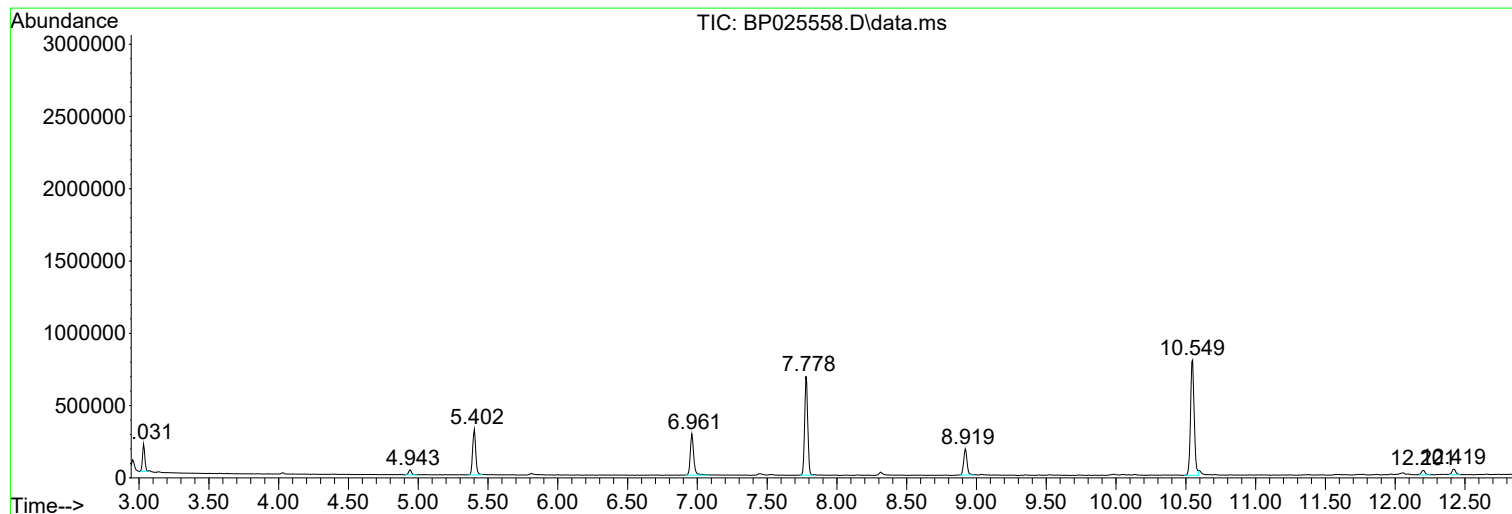
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ClientSampleId :
OK-02-08202025

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

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



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Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
Operator : CG/JU
Sample : Q2919-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-08202025

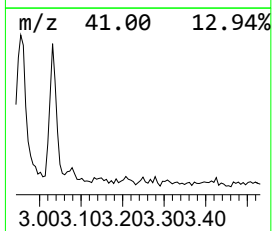
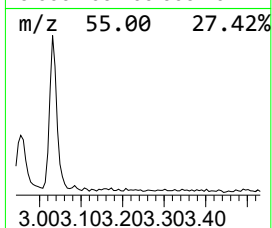
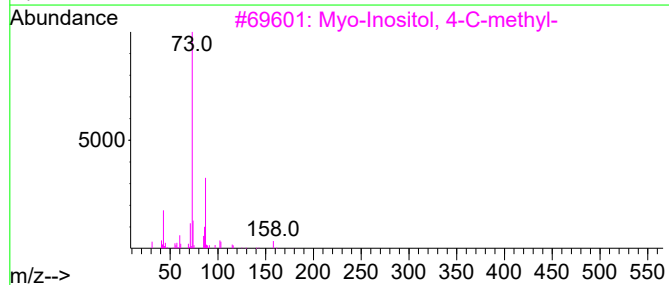
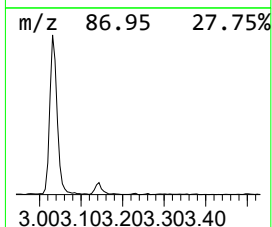
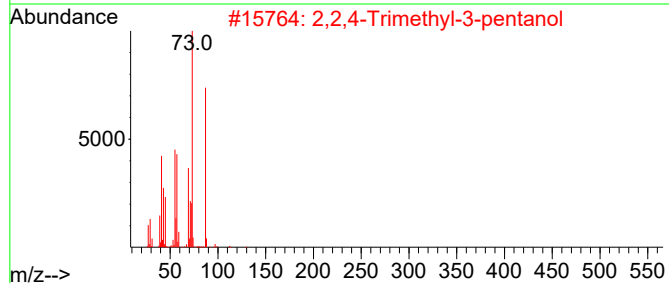
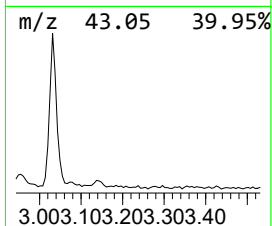
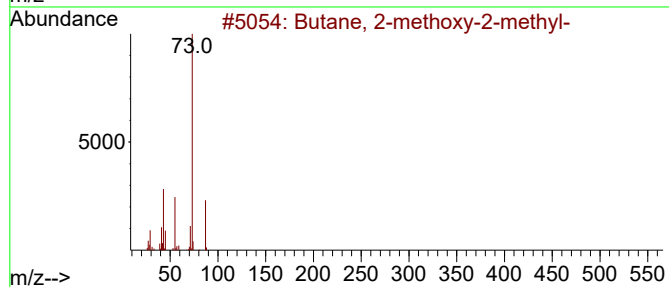
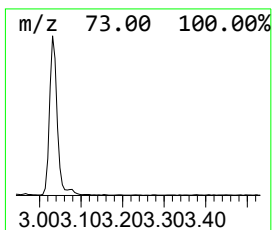
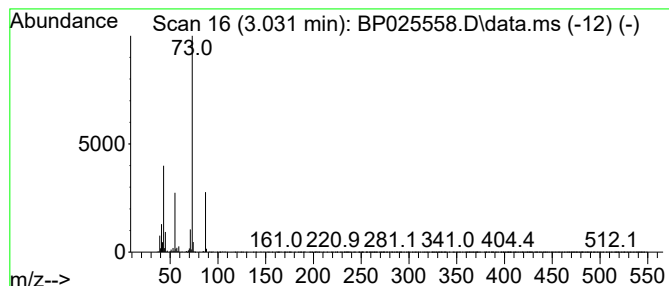
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	4.20 ng	221303	1,4-Dichlorobenzene-d4	7.778

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	33
4			Myo-Inositol, 2-C-methyl-	194	C7H14O6	000472-96-8	33
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32



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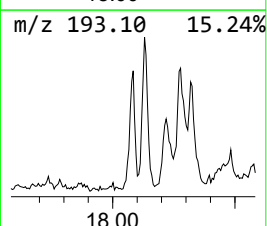
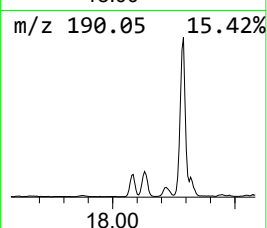
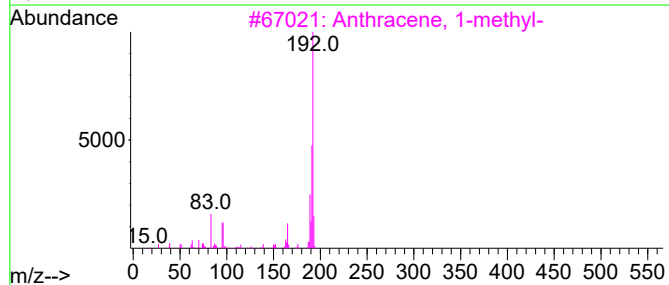
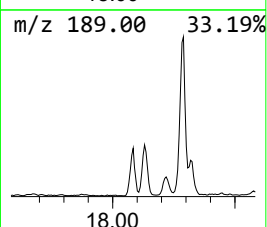
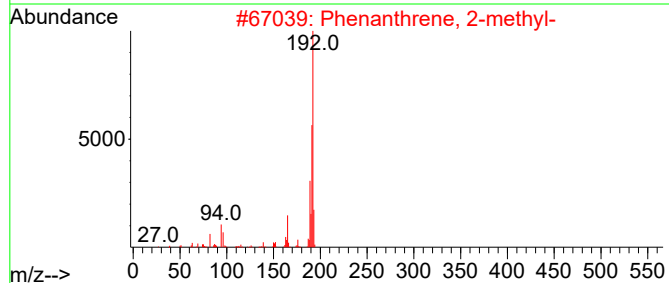
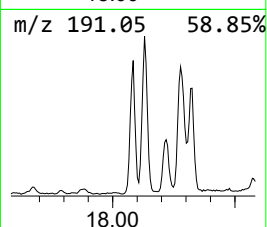
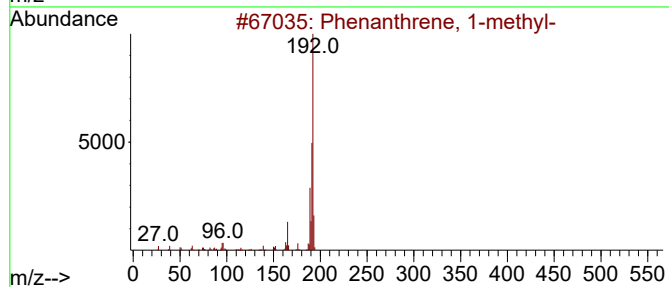
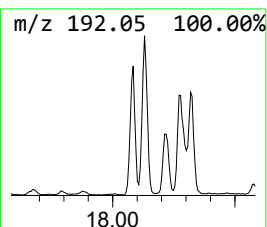
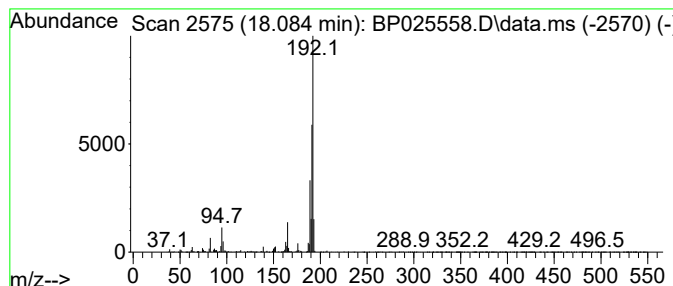
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	3.50 ng	440117	Phenanthrene-d10	17.178

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



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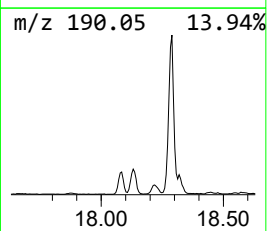
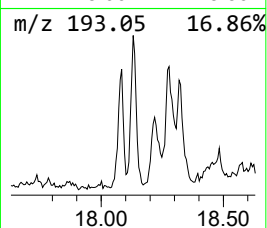
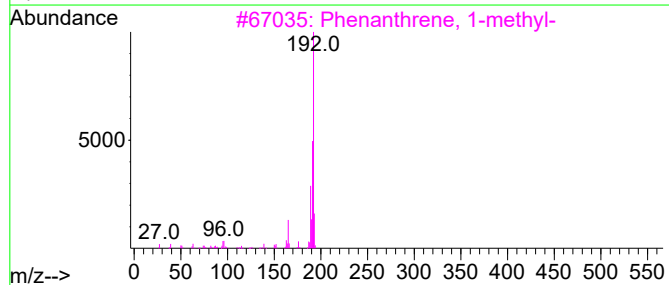
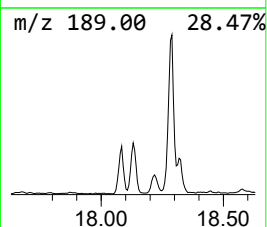
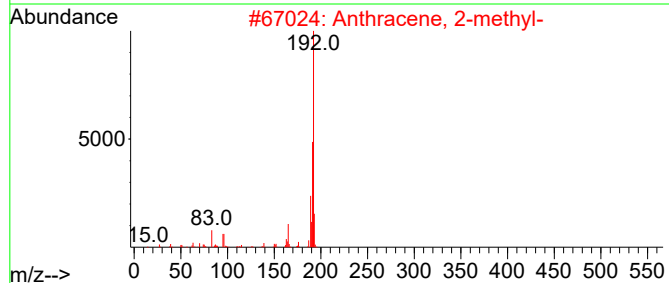
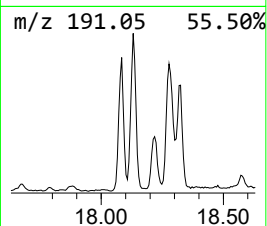
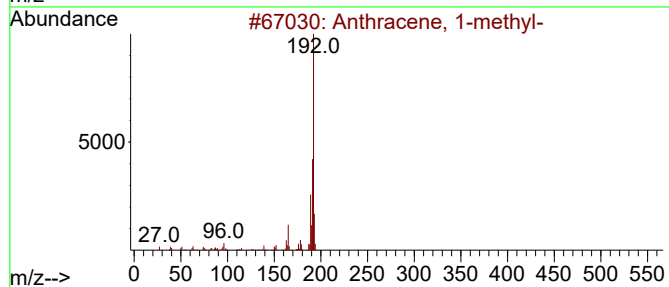
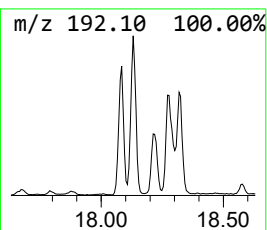
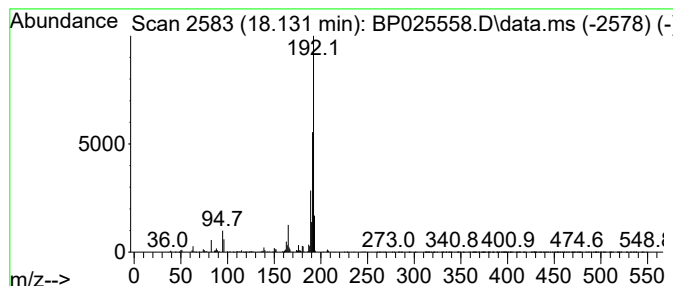
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	5.61 ng	705386	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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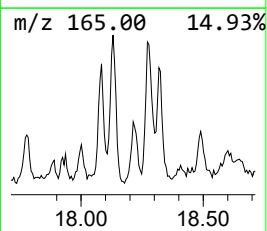
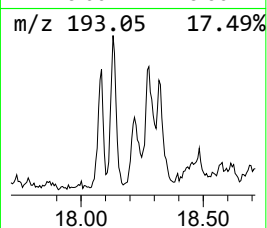
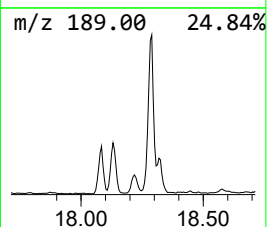
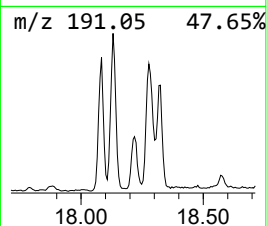
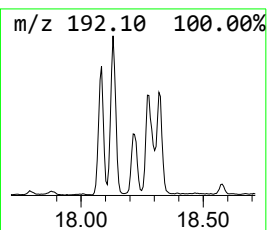
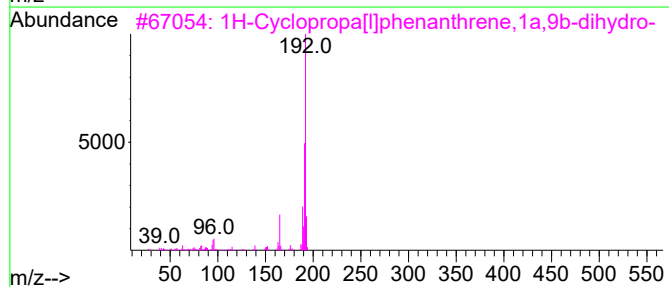
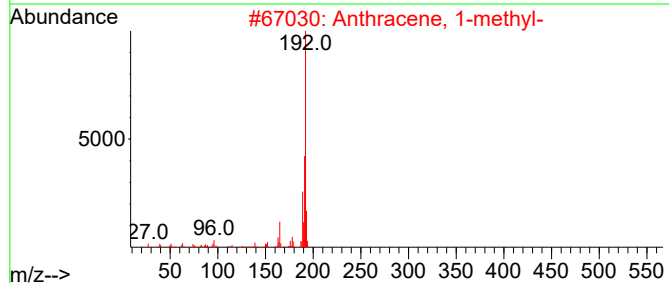
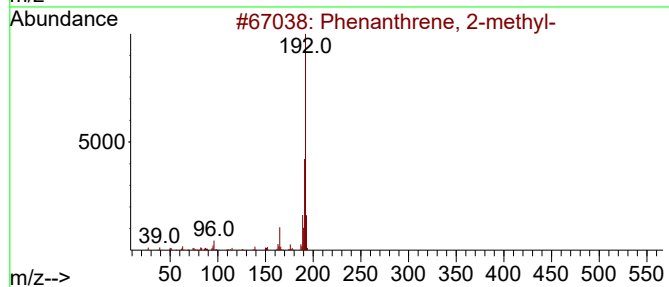
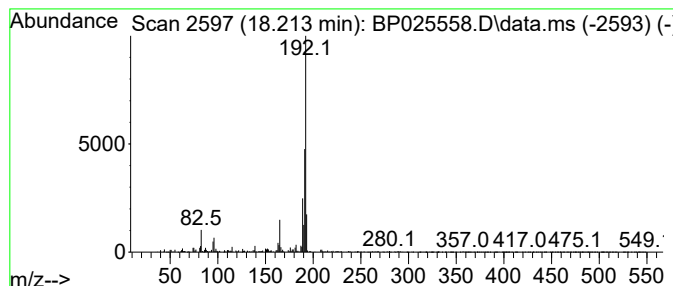
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.213	2.04 ng	257084	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
Operator : CG/JU
Sample : Q2919-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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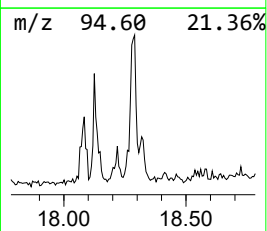
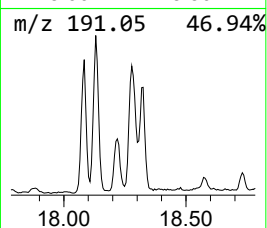
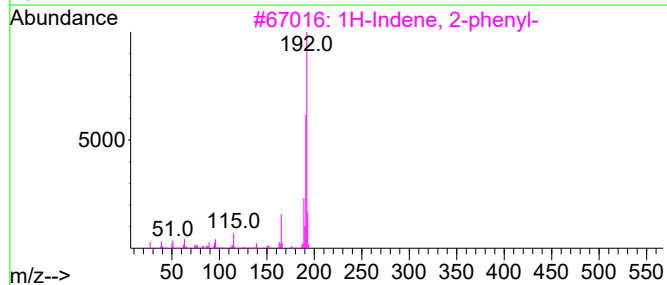
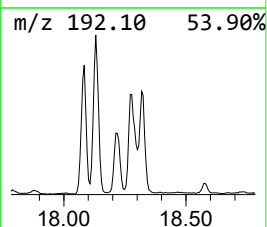
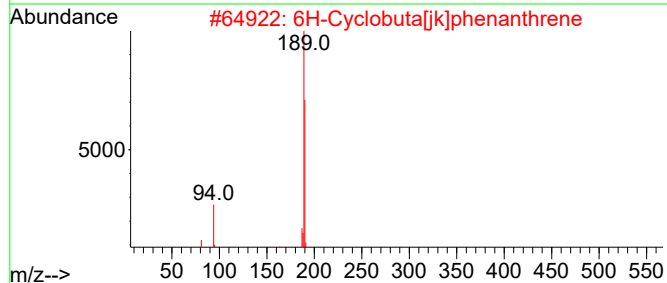
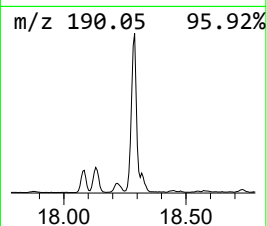
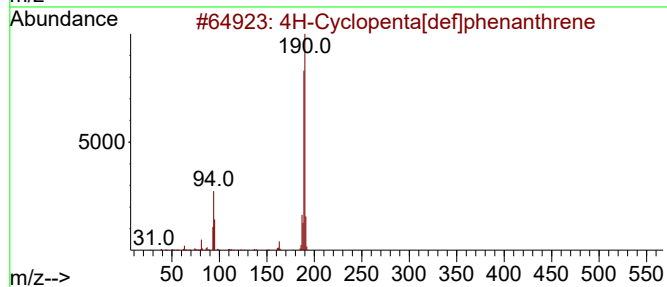
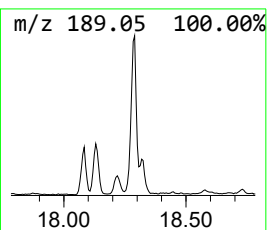
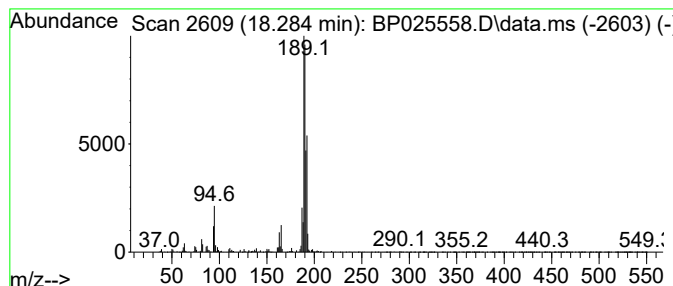
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.284	7.39 ng	929489	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
Operator : CG/JU
Sample : Q2919-01 5X
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ClientSampleId :
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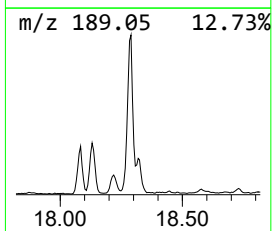
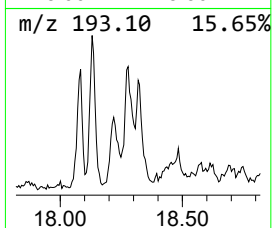
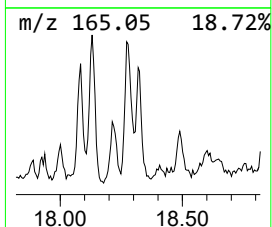
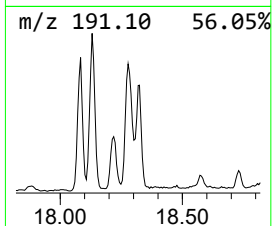
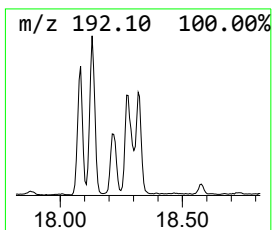
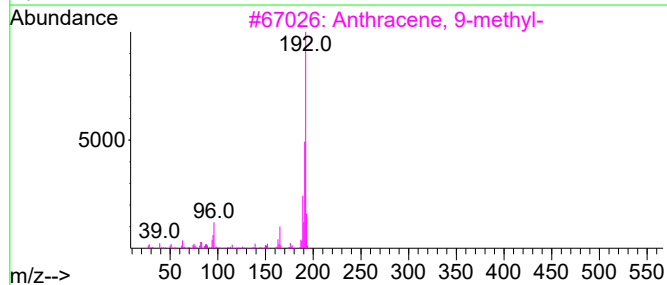
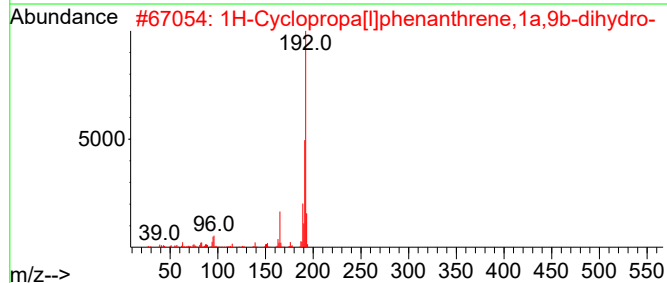
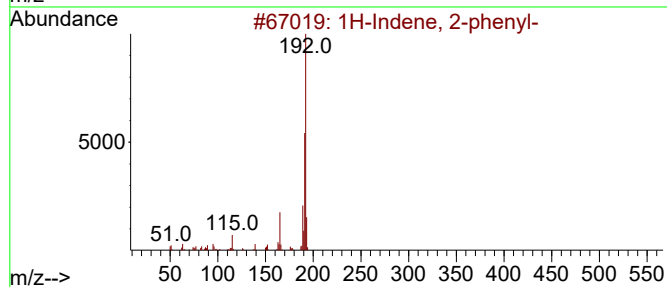
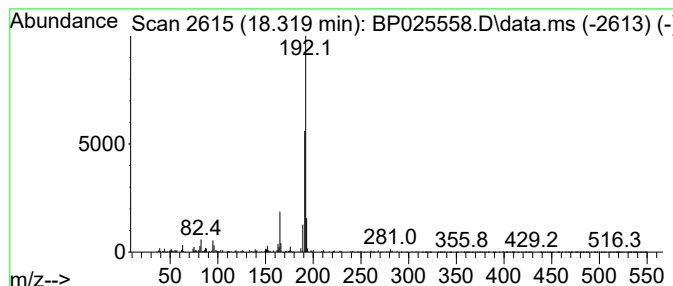
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.319	2.72 ng	342108	Phenanthrene-d10	17.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
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OK-02-08202025

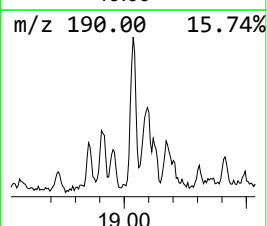
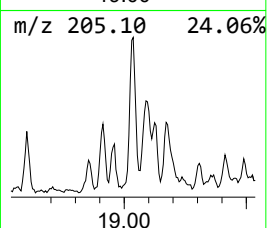
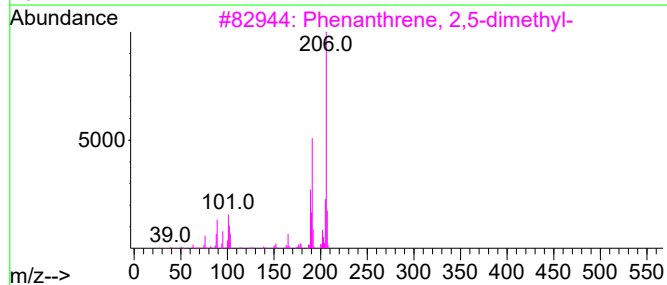
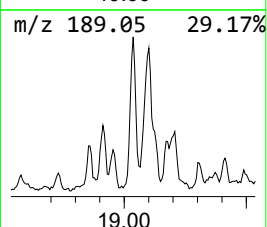
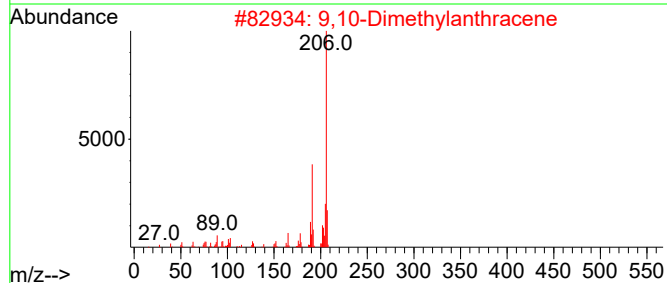
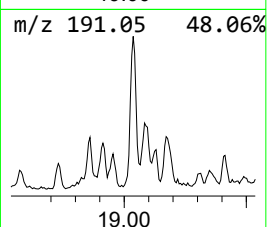
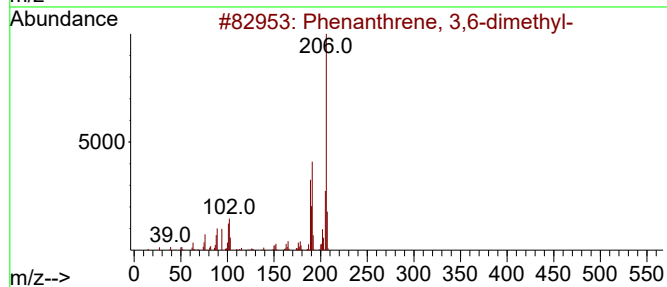
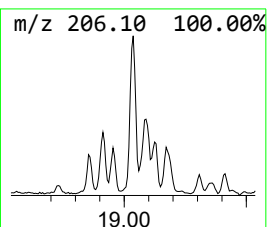
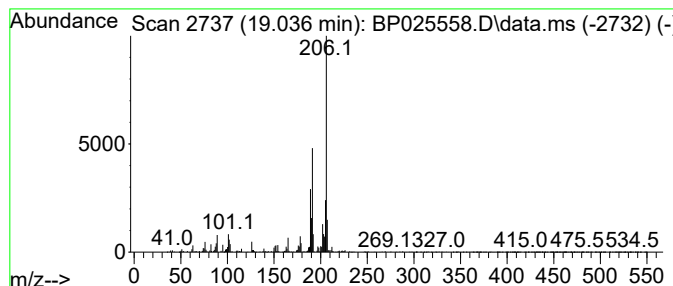
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.036	4.38 ng	550484	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
Operator : CG/JU
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Instrument :
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ClientSampleId :
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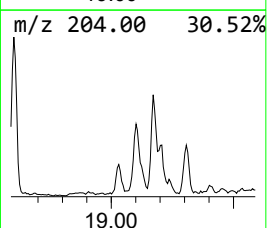
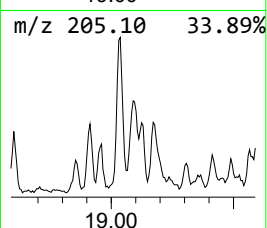
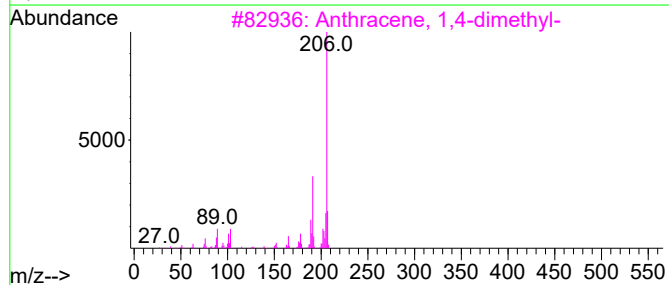
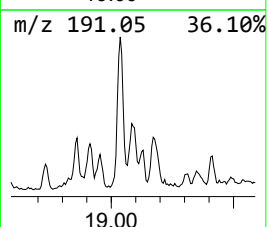
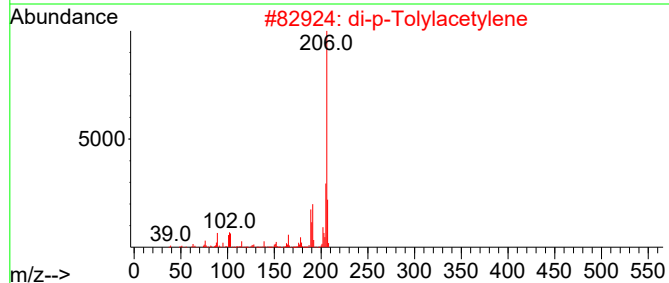
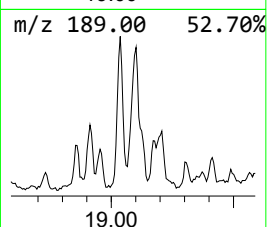
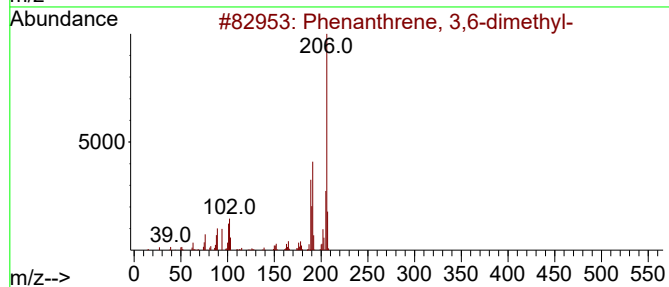
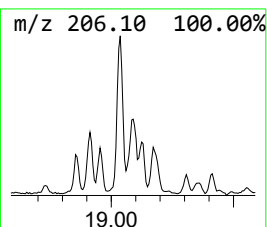
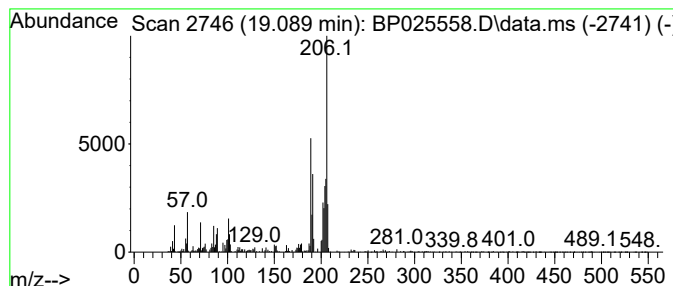
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.089	2.89 ng	363212	Phenanthrene-d10	17.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	62
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	52
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
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Instrument :
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ClientSampleId :
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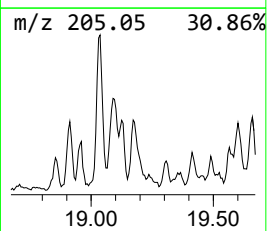
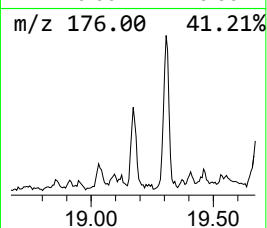
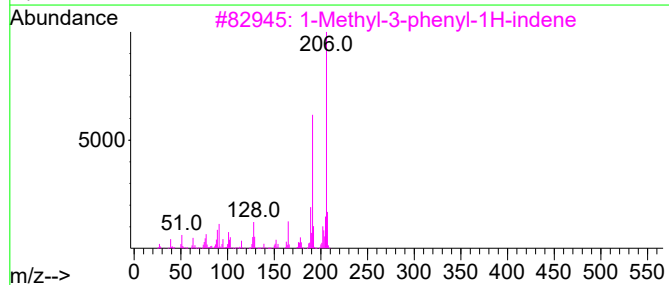
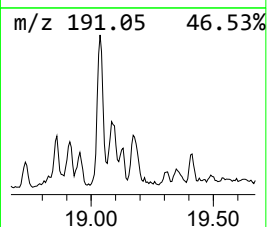
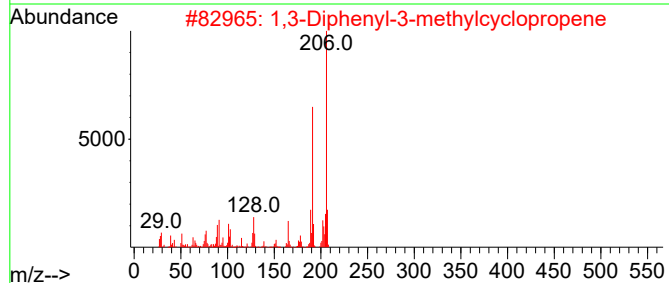
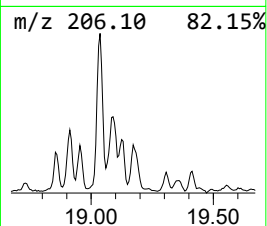
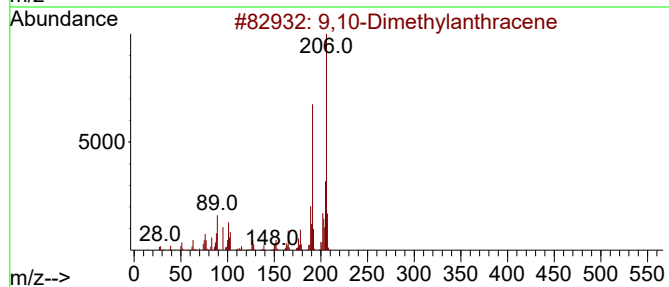
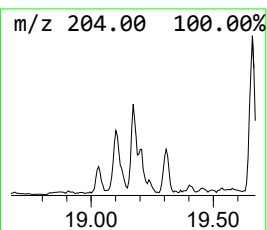
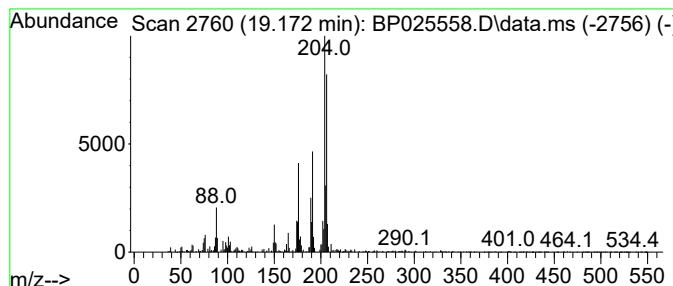
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.172	3.13 ng	393839	Phenanthrene-d10	17.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	89
2		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	86
3		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	50
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	50



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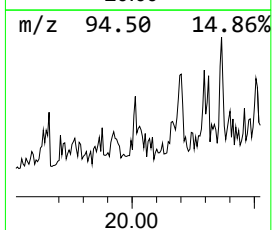
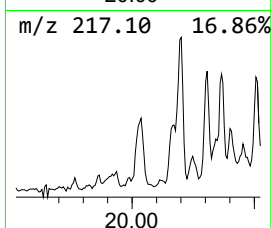
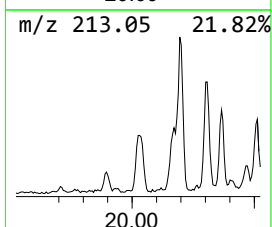
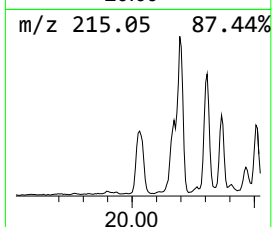
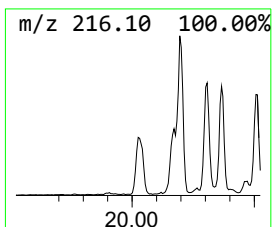
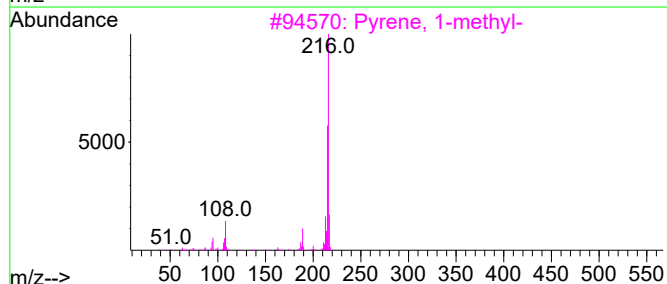
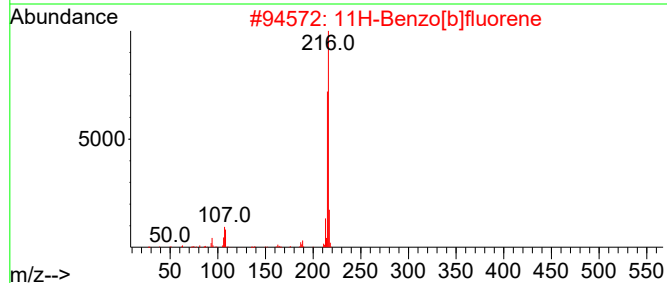
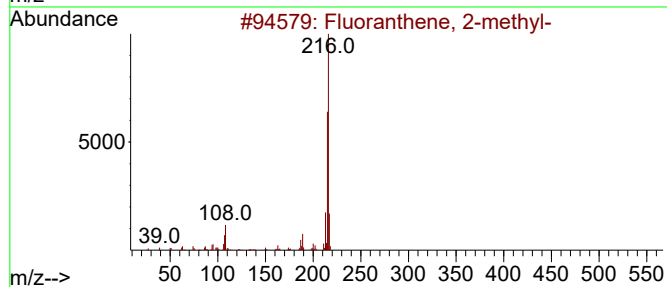
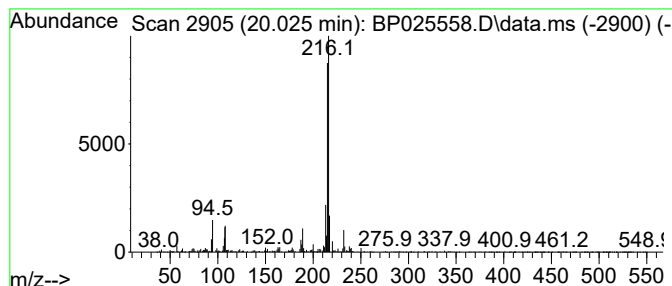
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.025	2.19 ng	559675	Chrysene-d12	21.613

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Acq On : 22 Aug 2025 21:05
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ALS Vial : 16 Sample Multiplier: 1

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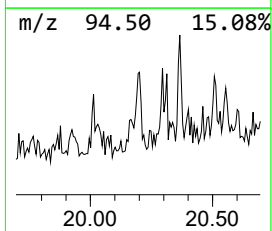
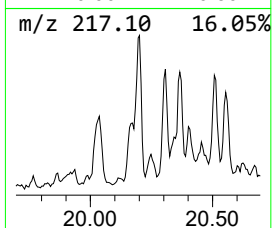
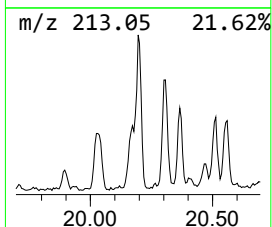
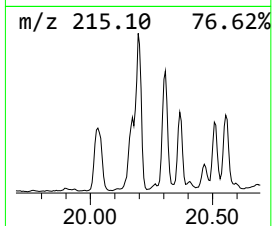
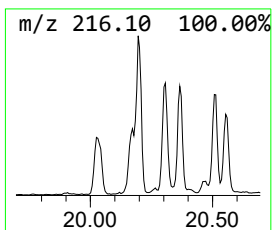
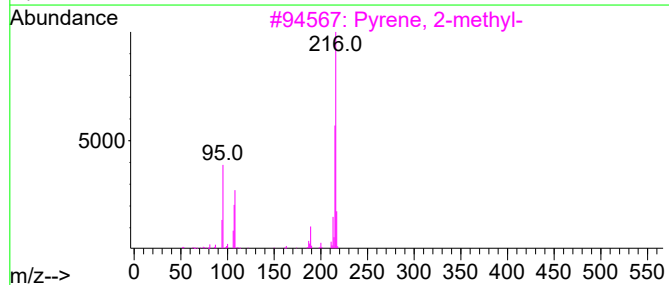
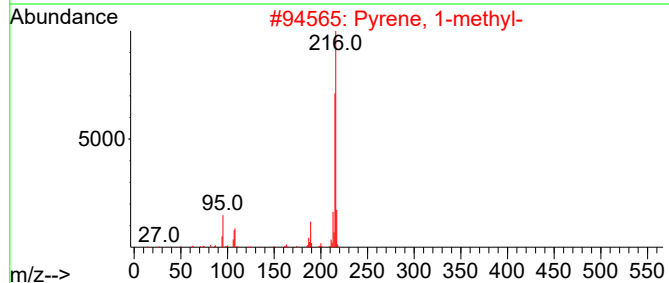
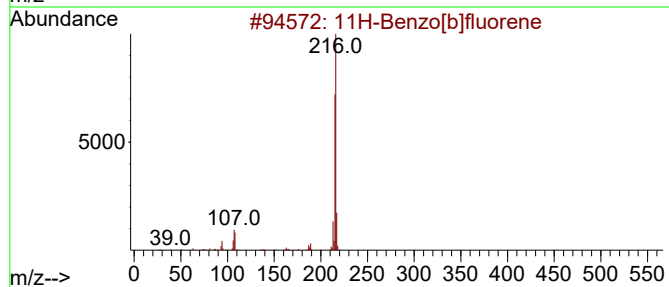
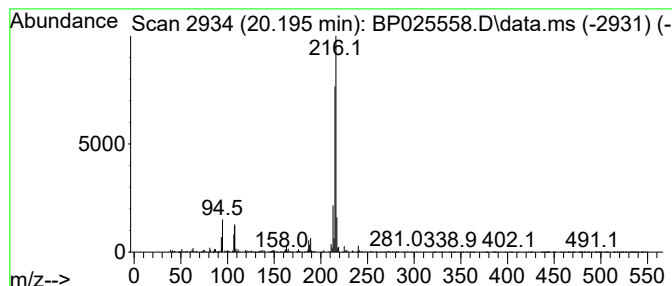
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.195	3.08 ng	786158	Chrysene-d12	21.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025558.D
Acq On : 22 Aug 2025 21:05
Operator : CG/JU
Sample : Q2919-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-08202025

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.031	4.2	ng	221303	1	7.778	1053730	20.0
Phenanthrene, 1...	18.084	3.5	ng	440117	4	17.178	2514850	20.0
Anthracene, 1-m...	18.131	5.6	ng	705386	4	17.178	2514850	20.0
Phenanthrene, 2...	18.213	2.0	ng	257084	4	17.178	2514850	20.0
4H-Cyclopenta[d...	18.284	7.4	ng	929489	4	17.178	2514850	20.0
1H-Indene, 2-ph...	18.319	2.7	ng	342108	4	17.178	2514850	20.0
Phenanthrene, 3...	19.036	4.4	ng	550484	4	17.178	2514850	20.0
di-p-Tolylacety...	19.089	2.9	ng	363212	4	17.178	2514850	20.0
9,10-Dimethylan...	19.172	3.1	ng	393839	4	17.178	2514850	20.0
Fluoranthene, 2...	20.025	2.2	ng	559675	5	21.613	5106890	20.0
11H-Benzo[b]flu...	20.195	3.1	ng	786158	5	21.613	5106890	20.0