

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
 Data File : BP025358.D
 Acq On : 11 Aug 2025 21:40
 Operator : CG/JU
 Sample : Q2809-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-08082025

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-BP080525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	14	rVB	91235	159723	1.65%	0.177%
2	3.049	14	19	29	rVB	188090	273998	2.83%	0.303%
3	5.408	414	420	430	rBV	429810	651710	6.73%	0.721%
4	6.966	677	685	693	rBV	368760	613548	6.33%	0.679%
5	7.796	819	826	837	rBV	904819	1420876	14.67%	1.573%
6	8.931	1004	1019	1027	rBV	248982	456487	4.71%	0.505%
7	10.566	1289	1297	1303	rBV	1082888	1910686	19.72%	2.115%
8	10.625	1303	1307	1316	rVB3	109212	194108	2.00%	0.215%
9	12.225	1574	1579	1586	rVB	66740	117829	1.22%	0.130%
10	12.443	1607	1616	1621	rBV	63599	106551	1.10%	0.118%
11	13.025	1709	1715	1723	rBV	684817	1023012	10.56%	1.132%
12	13.731	1825	1835	1840	rBV2	104678	193775	2.00%	0.214%
13	13.866	1851	1858	1863	rBV3	53512	108402	1.12%	0.120%
14	14.131	1897	1903	1915	rBV	347544	565333	5.84%	0.626%
15	14.413	1943	1951	1956	rBV	1665300	2444331	25.23%	2.705%
16	14.472	1956	1961	1969	rVB	204626	354073	3.66%	0.392%
17	14.813	2014	2019	2028	rVB	168957	291981	3.01%	0.323%
18	15.042	2051	2058	2063	rBV3	68996	150837	1.56%	0.167%
19	15.301	2097	2102	2106	rBV2	71144	102391	1.06%	0.113%
20	15.472	2126	2131	2144	rVB2	458180	774308	7.99%	0.857%
21	15.784	2179	2184	2194	rVB2	210901	395668	4.08%	0.438%
22	15.925	2201	2208	2217	rVB2	555458	1011032	10.44%	1.119%
23	16.172	2245	2250	2253	rBV5	62158	104669	1.08%	0.116%
24	16.507	2300	2307	2310	rBV2	128065	245854	2.54%	0.272%
25	16.548	2311	2314	2320	rVB3	87589	130193	1.34%	0.144%
26	16.660	2329	2333	2337	rVB	84983	120048	1.24%	0.133%
27	16.942	2376	2381	2386	rBV	78229	161824	1.67%	0.179%
28	17.025	2392	2395	2406	rVB	197696	407083	4.20%	0.451%
29	17.213	2421	2427	2430	rBV	1862365	2814792	29.06%	3.115%
30	17.254	2430	2434	2442	rVV	3823372	5762932	59.49%	6.378%
31	17.354	2446	2451	2456	rVV	1393574	1955624	20.19%	2.164%
32	17.413	2457	2461	2467	rVB3	105169	171455	1.77%	0.190%
33	17.619	2492	2496	2501	rVB	156578	201870	2.08%	0.223%
34	17.760	2516	2520	2524	rBV2	109475	158204	1.63%	0.175%
35	17.813	2526	2529	2533	rVV2	90077	128869	1.33%	0.143%
36	17.913	2543	2546	2550	rVB4	100026	128849	1.33%	0.143%

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.119	2576	2581	2585	rBV	569571	827425	8.54%	0.916%
38	18.166	2585	2589	2595	rVV	765159	1335787	13.79%	1.478%
39	18.254	2599	2604	2608	rVV	407345	617869	6.38%	0.684%
40	18.313	2609	2614	2619	rVV3	1154592	2120527	21.89%	2.347%
41	18.354	2619	2621	2628	rVB	393365	496601	5.13%	0.550%
42	18.636	2665	2669	2672	rBV	367263	477928	4.93%	0.529%
43	18.948	2718	2722	2725	rBV2	143788	230307	2.38%	0.255%
44	18.983	2726	2728	2731	rVB	155197	158199	1.63%	0.175%
45	19.066	2737	2742	2747	rBV3	335269	578676	5.97%	0.640%
46	19.130	2748	2753	2758	rVV3	247610	467467	4.83%	0.517%
47	19.207	2762	2766	2768	rBV2	152716	219057	2.26%	0.242%
48	19.342	2783	2789	2794	rBV	6144844	8893157	91.81%	9.842%
49	19.436	2803	2805	2809	rVB2	146170	153925	1.59%	0.170%
50	19.489	2810	2814	2818	rVV	292398	395315	4.08%	0.438%
51	19.589	2828	2831	2837	rVB3	153791	241688	2.49%	0.267%
52	19.719	2844	2853	2861	rBV2	5409291	9686932	100.00%	10.721%
53	19.783	2861	2864	2873	rVB2	268155	484962	5.01%	0.537%
54	19.901	2880	2884	2886	rBV	275930	393808	4.07%	0.436%
55	19.936	2886	2890	2895	rVB	1205516	1513751	15.63%	1.675%
56	20.060	2906	2911	2917	rBV3	430812	965139	9.96%	1.068%
57	20.189	2930	2933	2934	rBV2	212550	260463	2.69%	0.288%
58	20.230	2936	2940	2945	rVB	1088652	1662948	17.17%	1.840%
59	20.342	2954	2959	2963	rBV	1252853	1666964	17.21%	1.845%
60	20.401	2965	2969	2973	rVB2	573386	866816	8.95%	0.959%
61	20.530	2989	2991	2996	rVB	361269	393657	4.06%	0.436%
62	20.577	2996	2999	3006	rBV	314509	507025	5.23%	0.561%
63	21.207	3103	3106	3110	rVB2	346856	460304	4.75%	0.509%
64	21.254	3112	3114	3118	rVB	278126	341839	3.53%	0.378%
65	21.636	3173	3179	3186	rBV3	3124978	8155315	84.19%	9.026%
66	21.707	3187	3191	3202	rVB	2058399	3780940	39.03%	4.184%
67	21.871	3215	3219	3224	rVB	518068	781803	8.07%	0.865%
68	23.971	3568	3576	3583	rBV2	1751436	5560643	57.40%	6.154%
69	24.730	3700	3705	3716	rVB	1061300	2892999	29.86%	3.202%
70	24.877	3724	3730	3738	rVB	1611319	4005362	41.35%	4.433%
71	25.036	3750	3757	3766	rVB	1002530	2780437	28.70%	3.077%
72	30.012	4601	4603	4605	rBV2	160633	168602	1.74%	0.187%

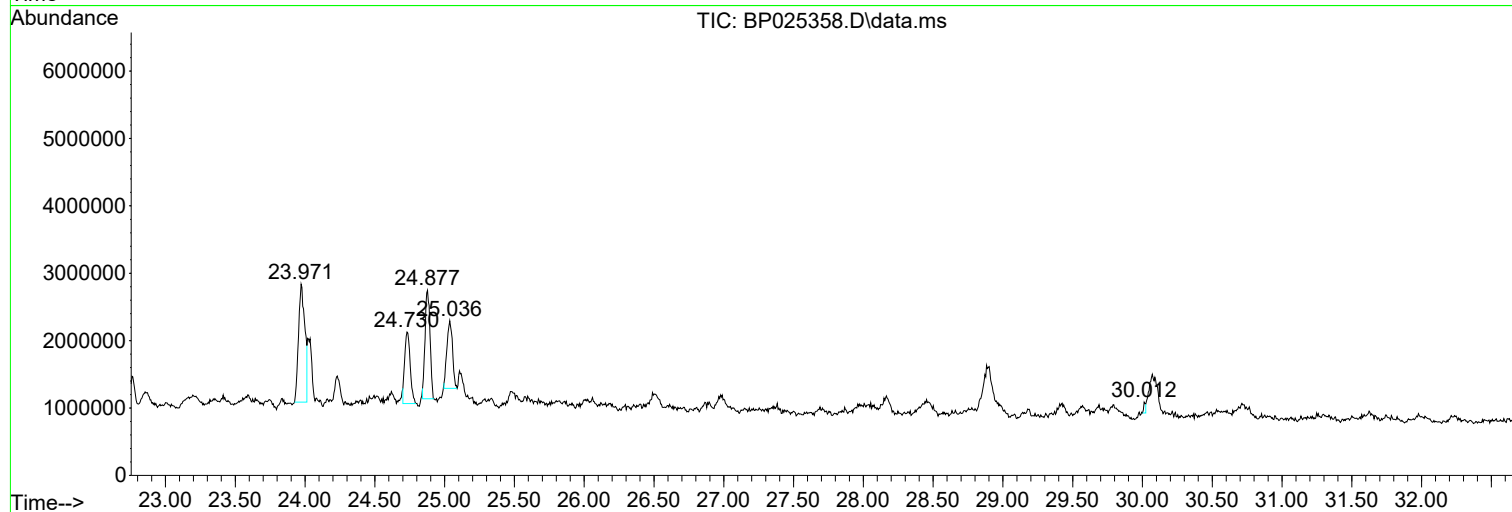
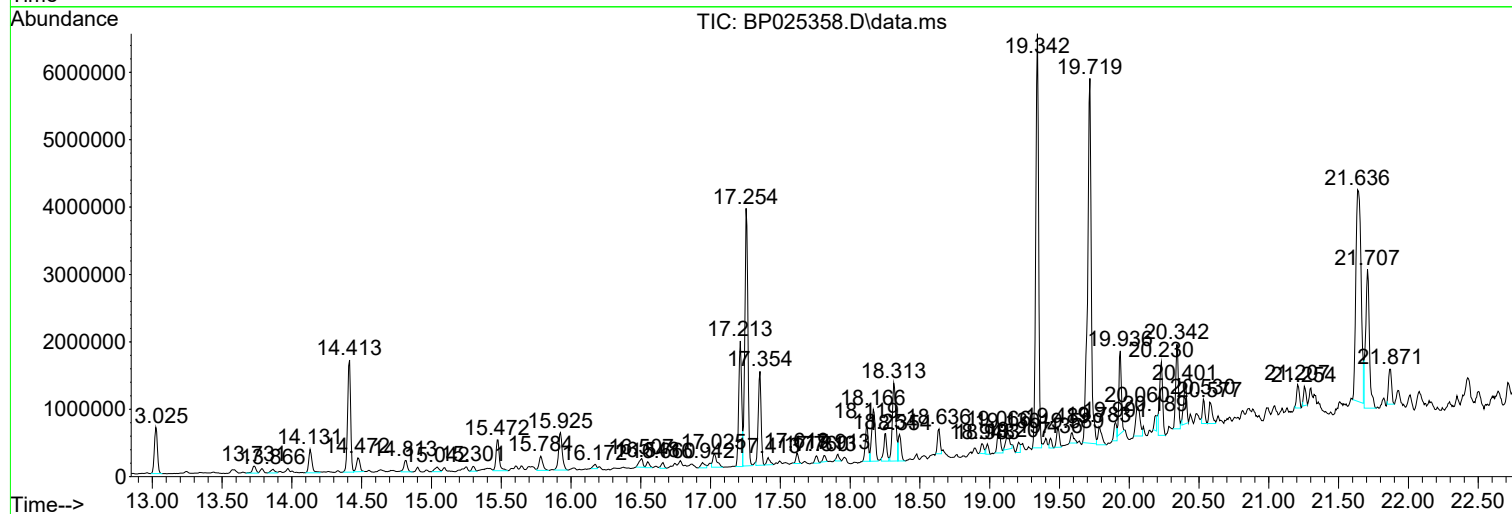
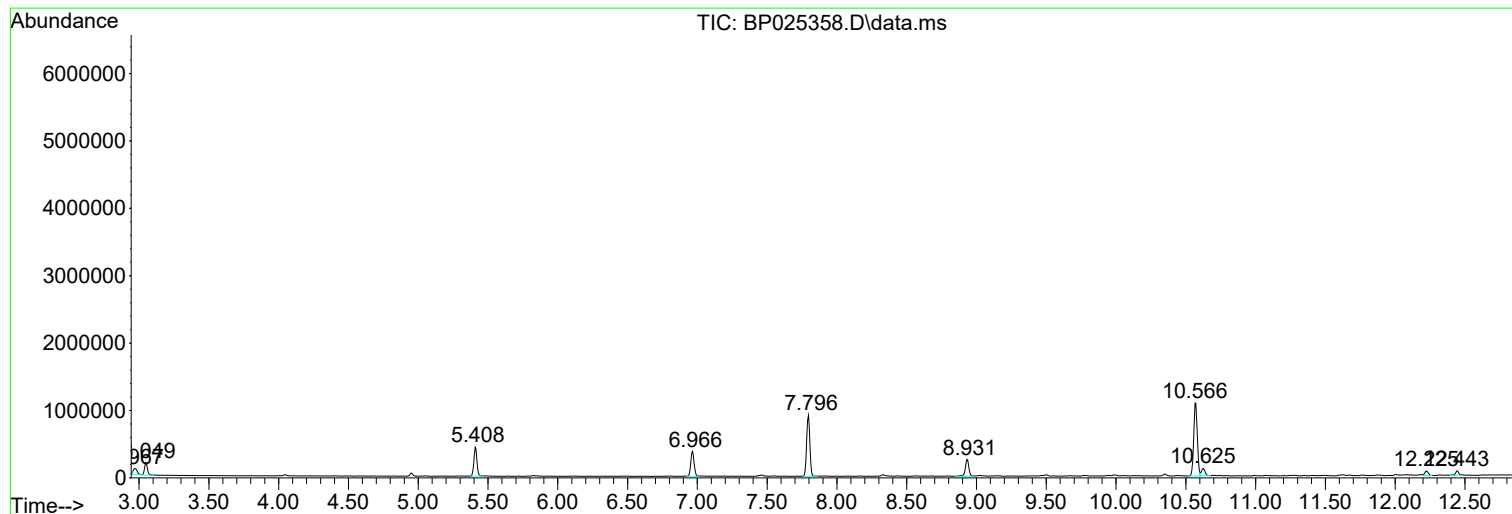
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : CG/JU
Sample : Q2809-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

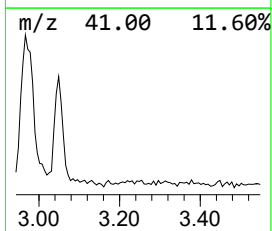
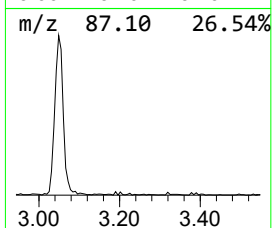
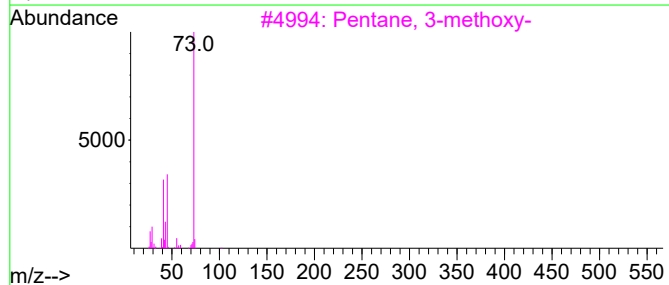
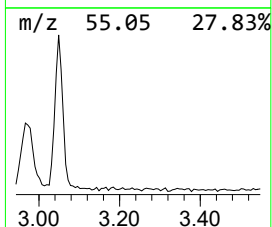
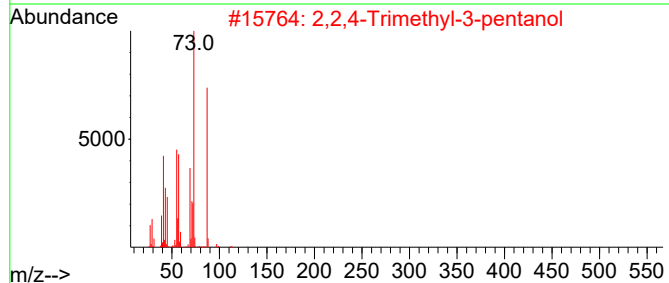
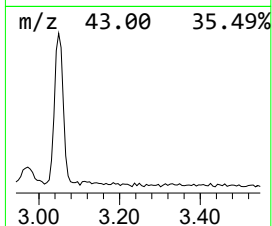
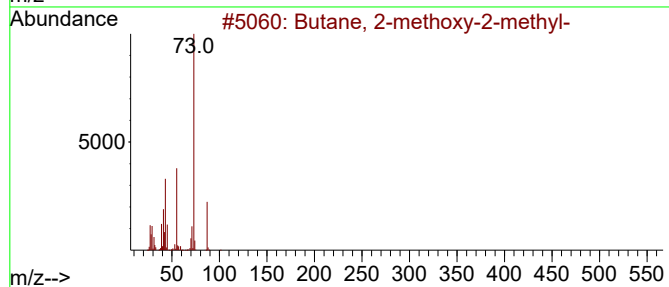
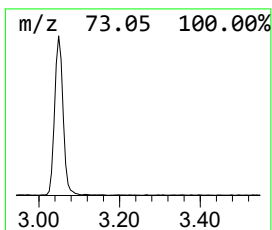
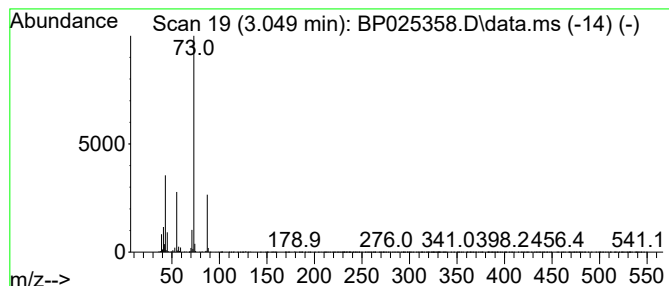
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.049	3.86 ng	273998	1,4-Dichlorobenzene-d4	7.796

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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BNA_P
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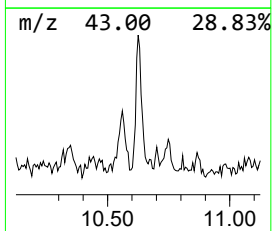
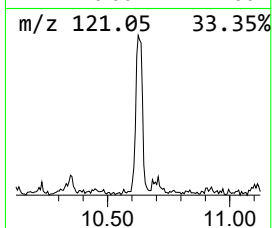
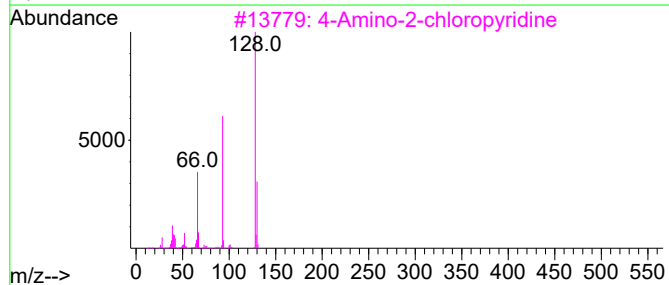
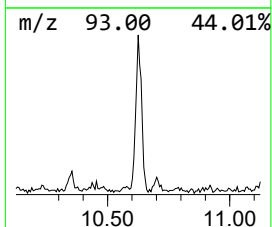
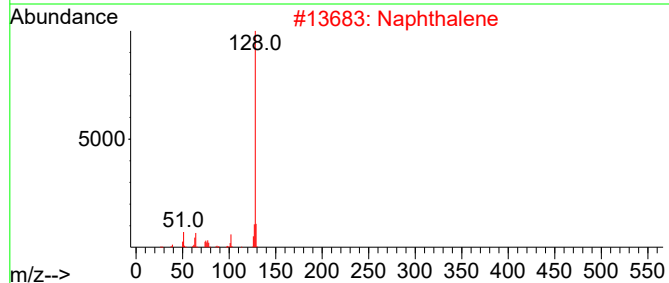
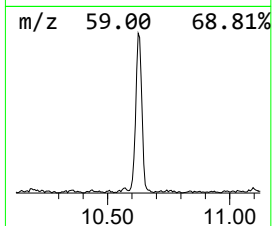
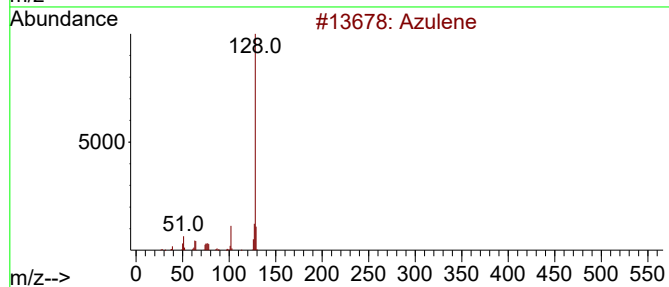
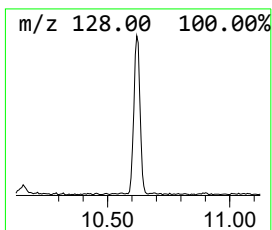
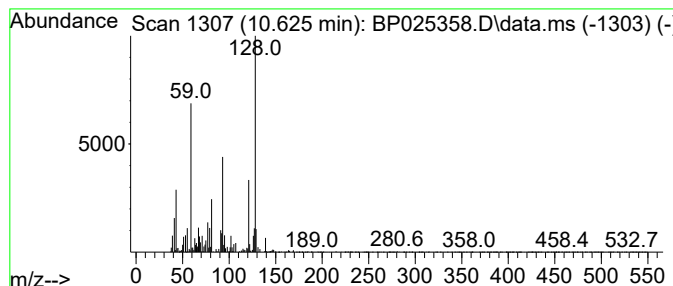
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Azulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.625	2.03 ng	194108	Naphthalene-d8	10.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	50
2			Naphthalene	128	C10H8	000091-20-3	50
3			4-Amino-2-chloropyridine	128	C5H5ClN2	014432-12-3	49
4			N-Methyl-9-aza-tricyclo[6.2.2.0(...	185	C12H11NO	013131-19-6	38
5			2-Thiouracil	128	C4H4N2OS	000141-90-2	35



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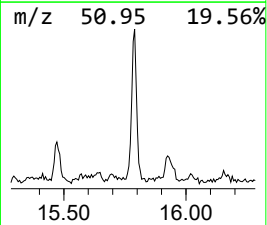
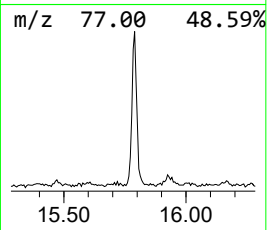
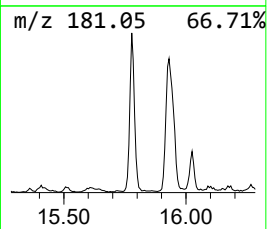
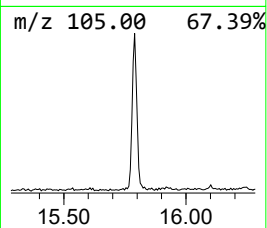
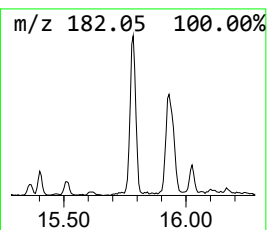
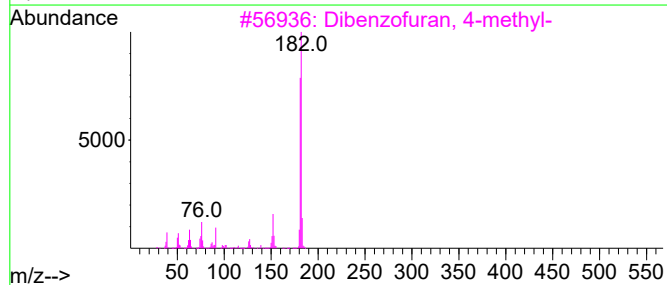
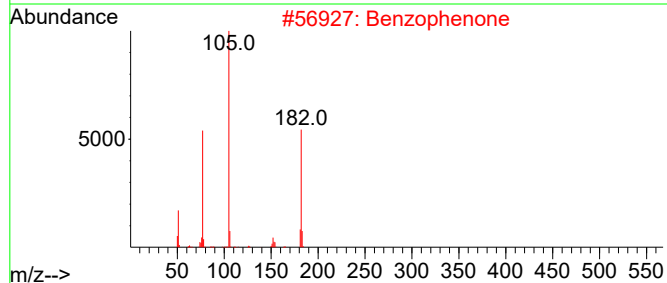
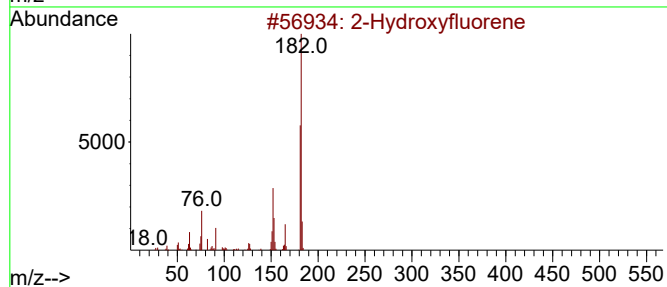
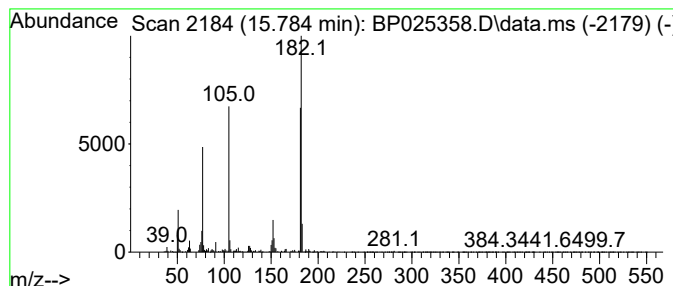
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Hydroxyfluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	3.24 ng	395668	Acenaphthene-d10	14.413

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxyfluorene	182	C13H10O	002443-58-5	70
2			Benzophenone	182	C13H10O	000119-61-9	64
3			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
4			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	62
5			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	59



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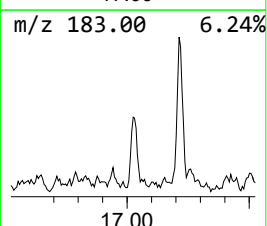
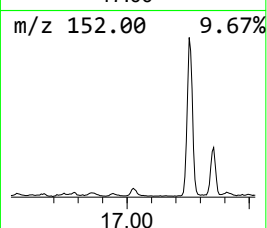
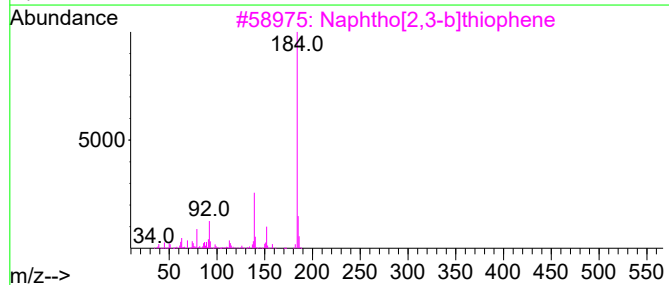
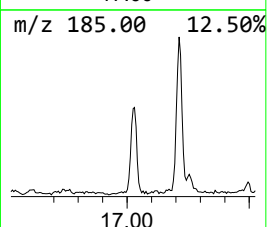
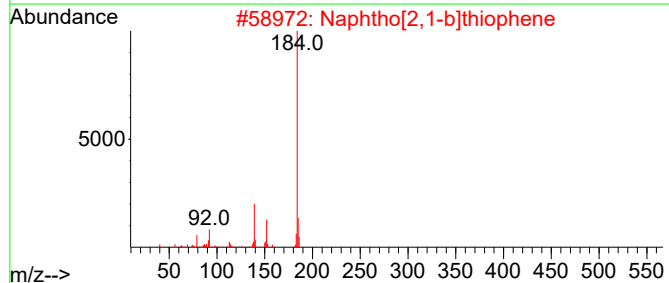
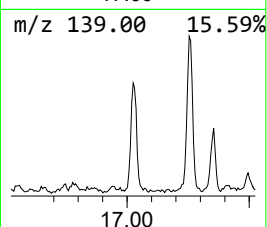
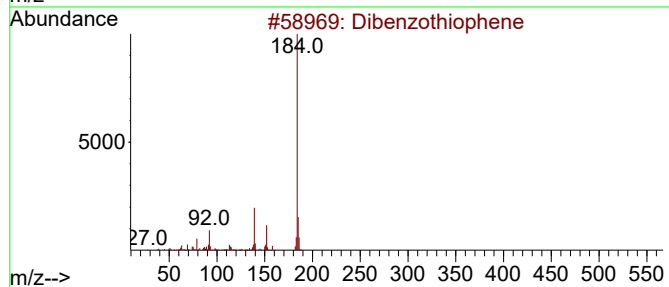
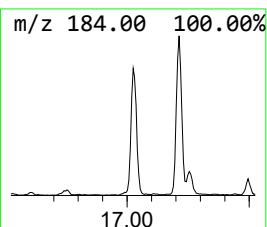
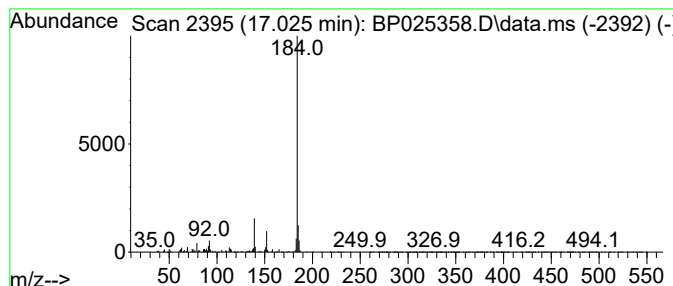
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.025	2.89 ng	407083	Phenanthrene-d10	17.213

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

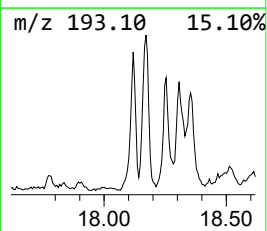
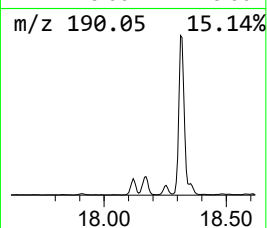
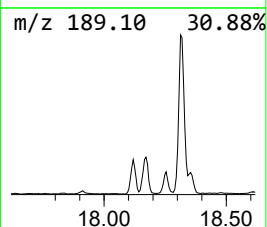
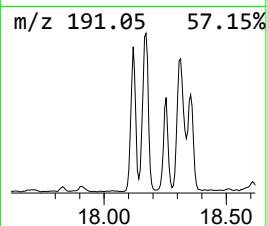
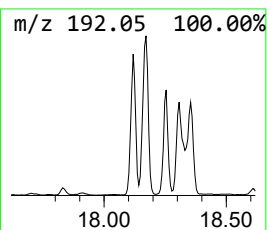
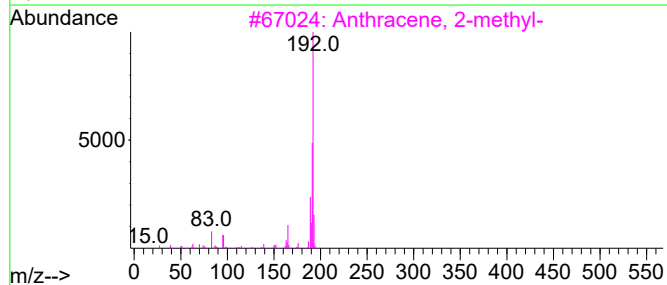
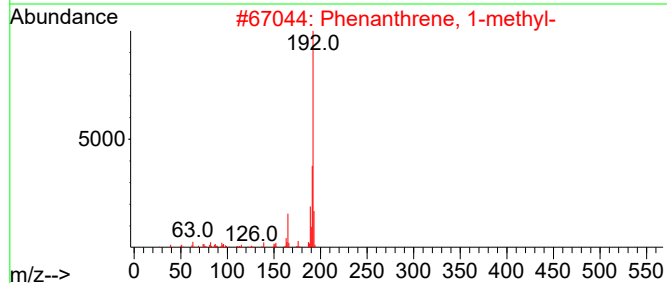
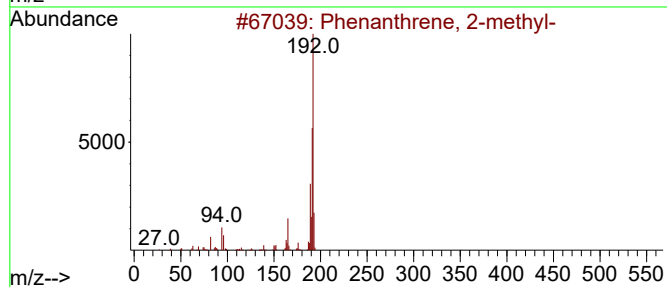
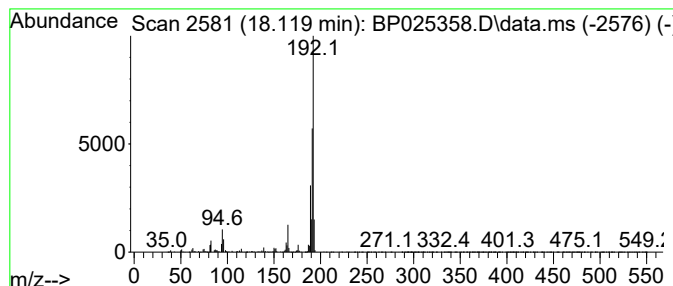
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	5.88 ng	827425	Phenanthrene-d10	17.213

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

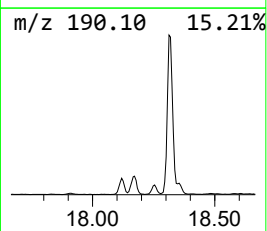
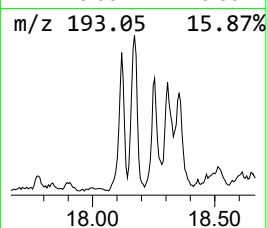
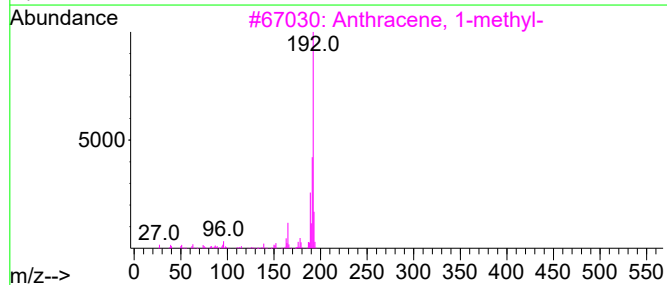
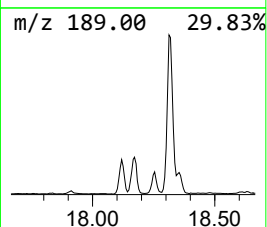
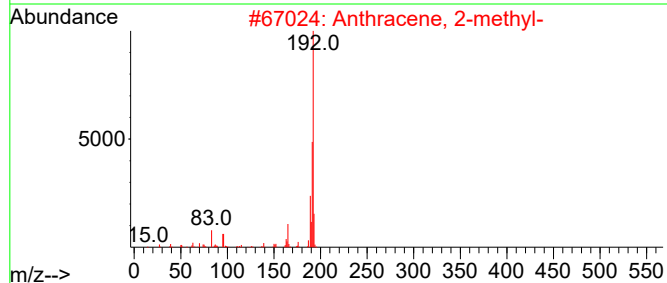
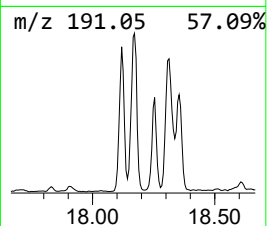
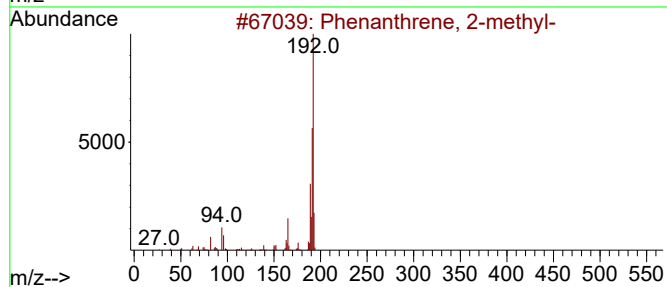
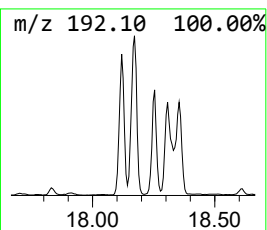
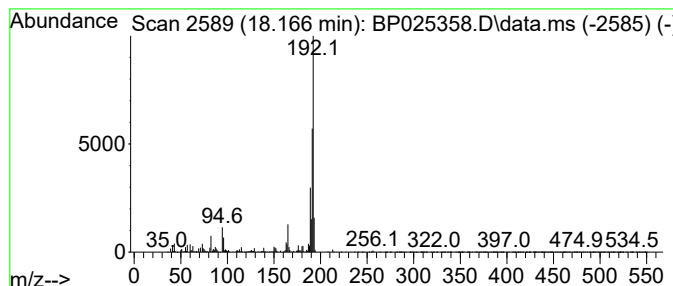
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.166	9.49 ng	1335790	Phenanthrene-d10	17.213

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

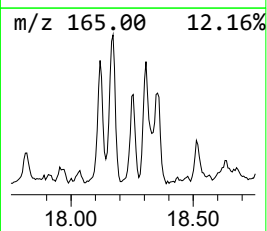
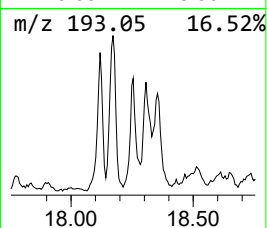
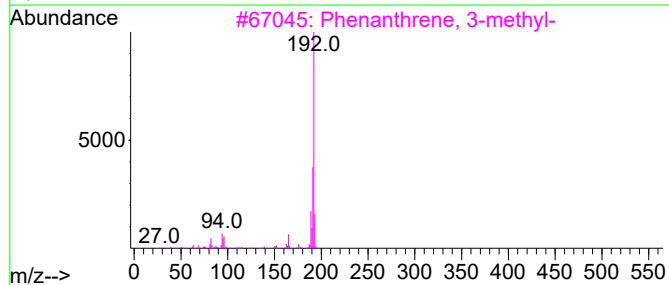
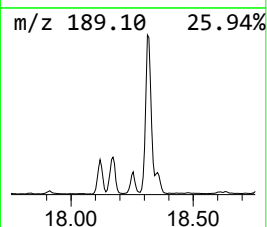
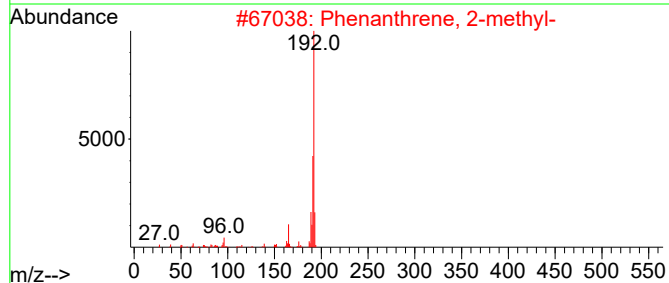
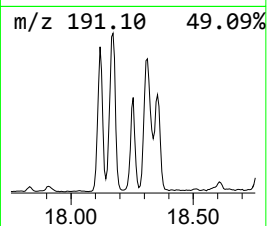
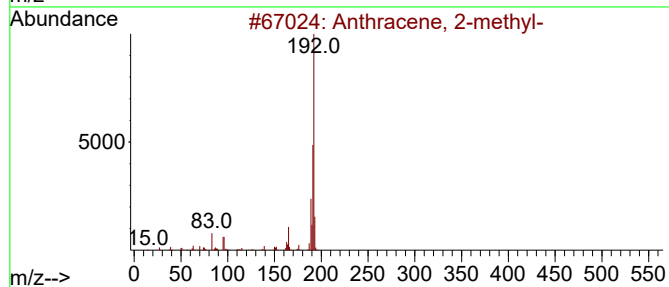
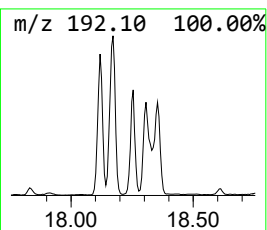
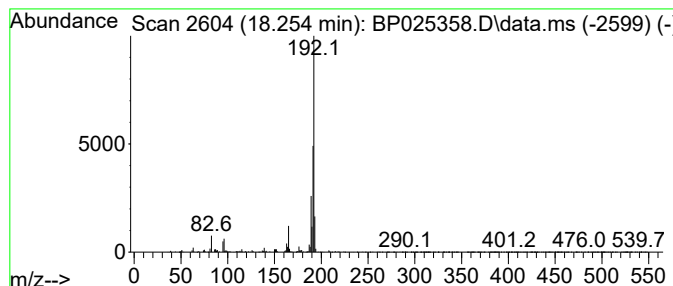
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	4.39 ng	617869	Phenanthrene-d10	17.213

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	97
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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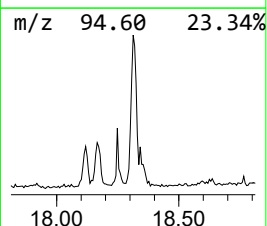
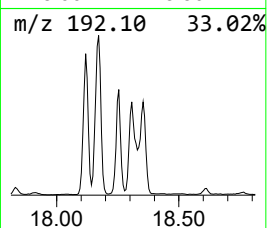
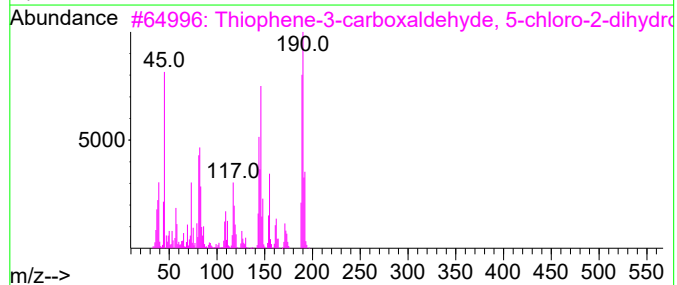
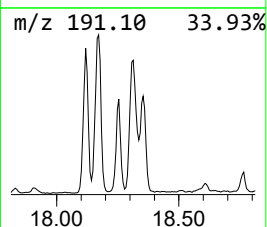
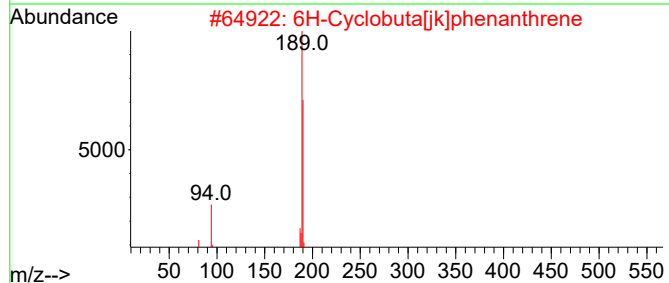
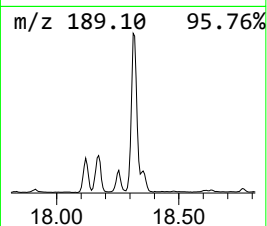
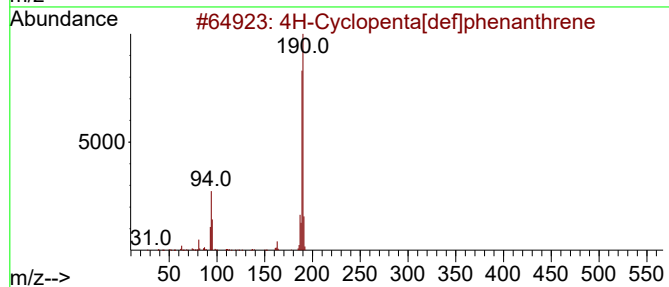
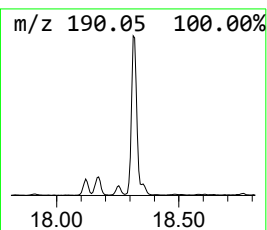
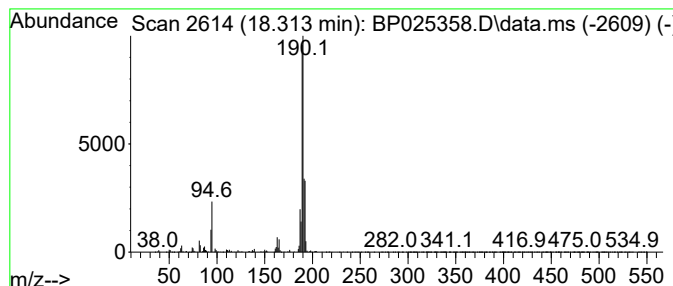
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.313	15.07 ng	2120530	Phenanthrene-d10	17.213

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	64
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4			Methyl diselenide	190	C2H6Se2	007101-31-7	49
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

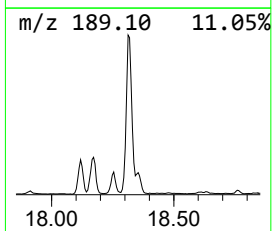
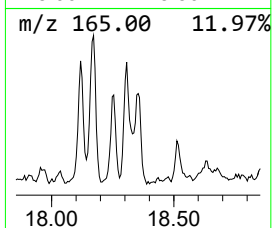
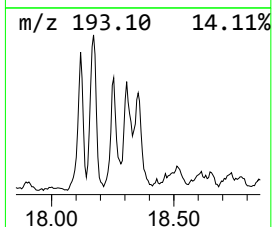
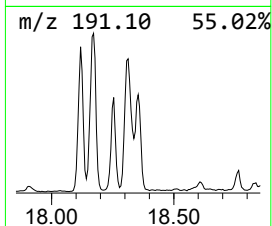
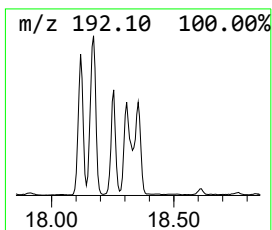
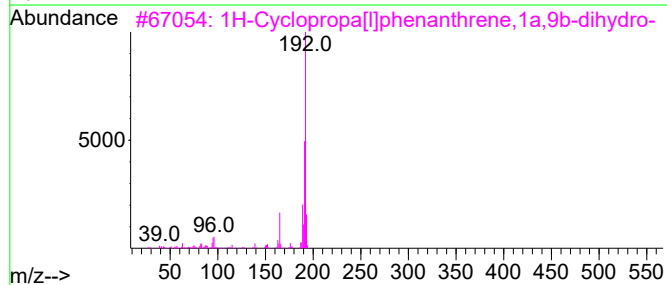
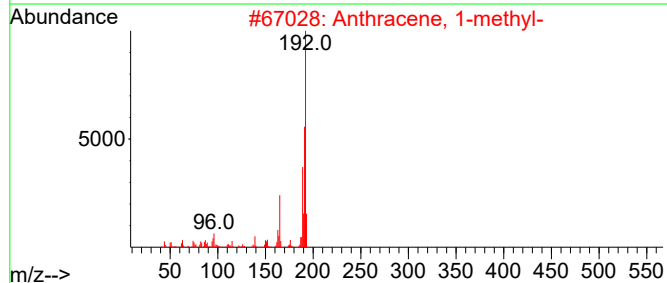
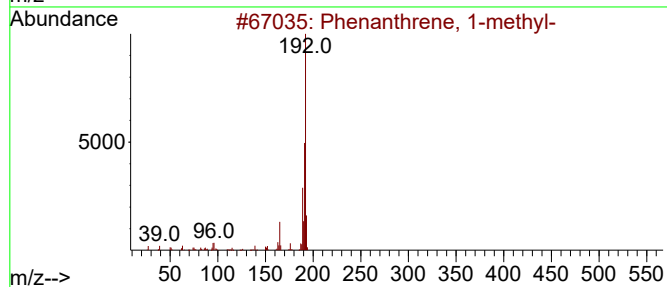
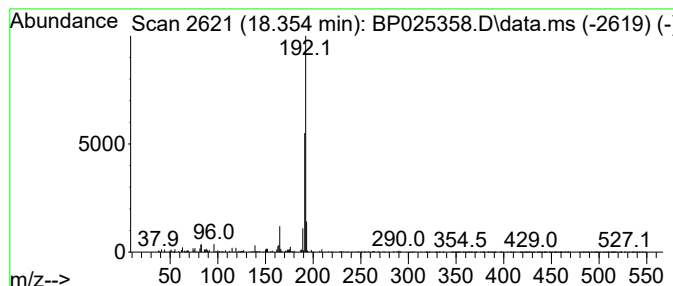
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.354	3.53 ng	496601	Phenanthrene-d10	17.213

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
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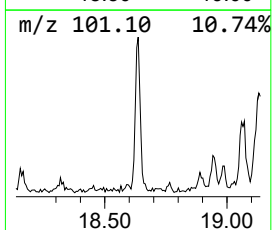
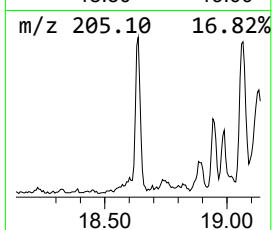
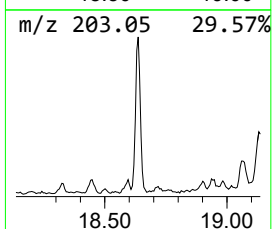
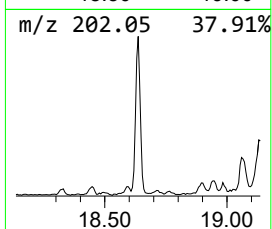
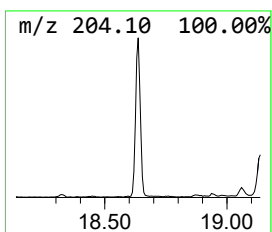
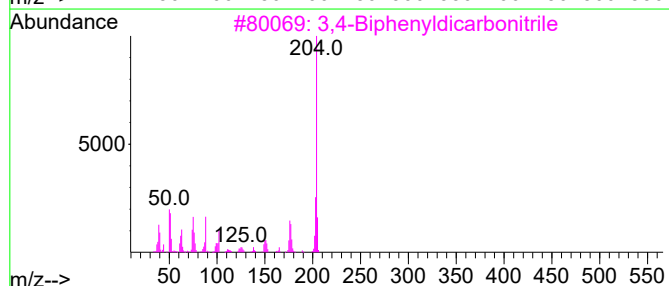
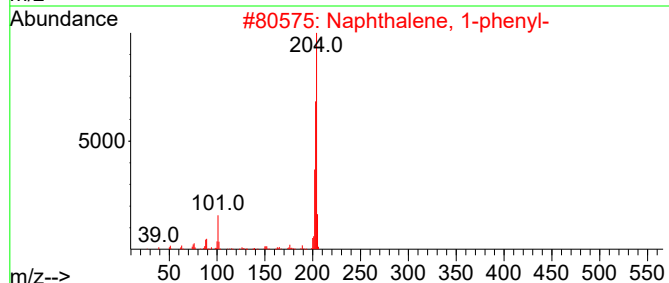
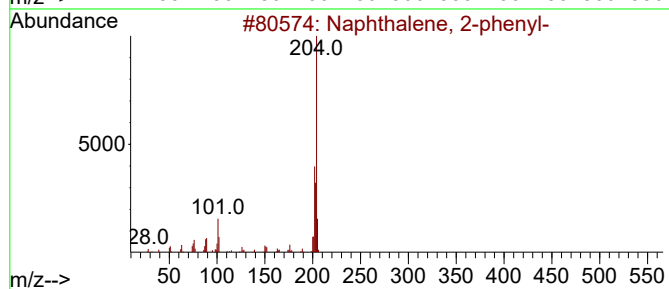
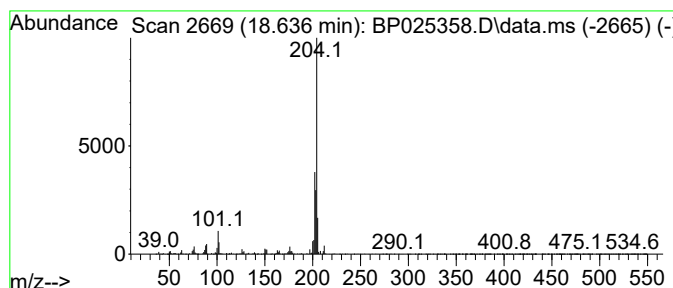
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OR-03-08082025

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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 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.636	3.40 ng	477928	Phenanthrene-d10	17.213	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

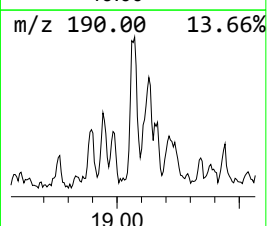
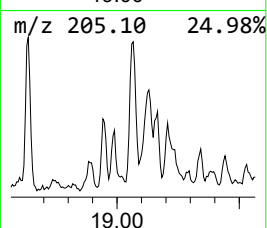
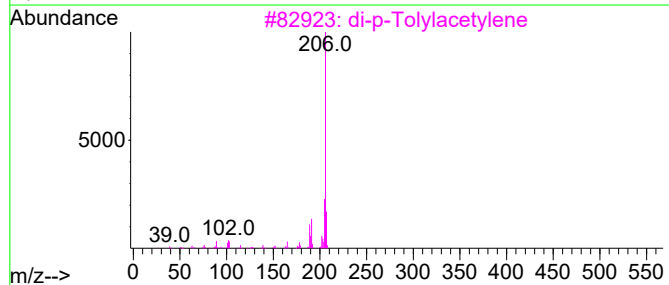
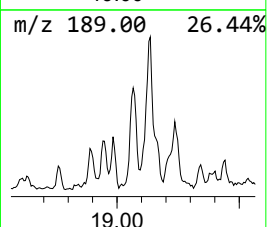
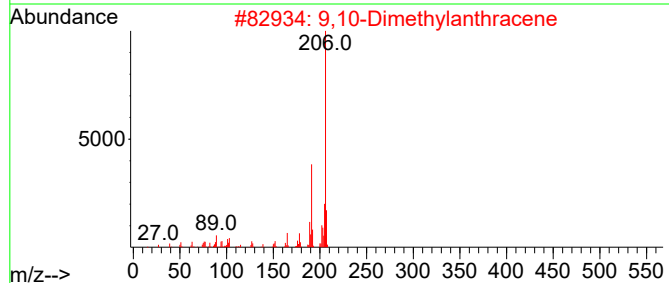
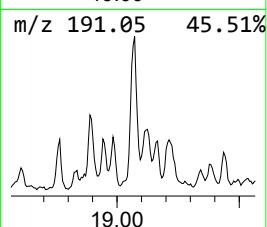
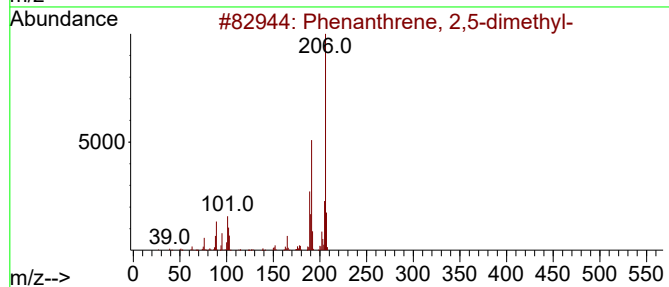
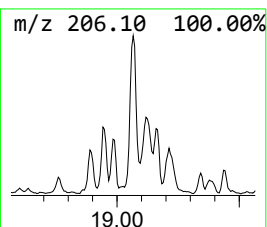
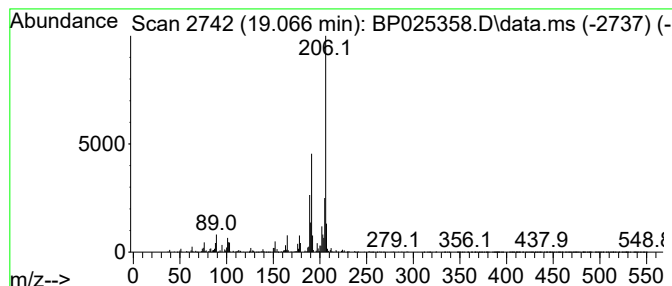
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.066	4.11 ng	578676	Phenanthrene-d10	17.213

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	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

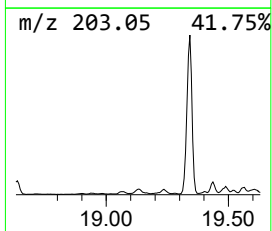
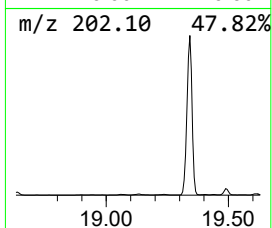
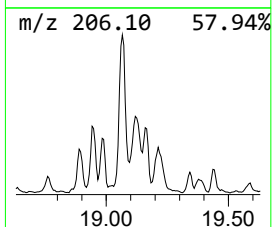
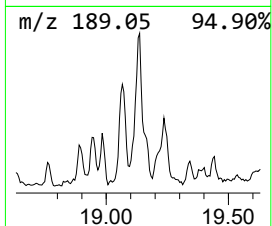
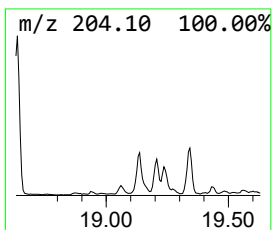
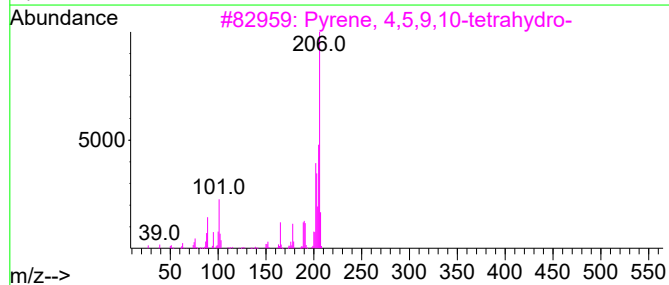
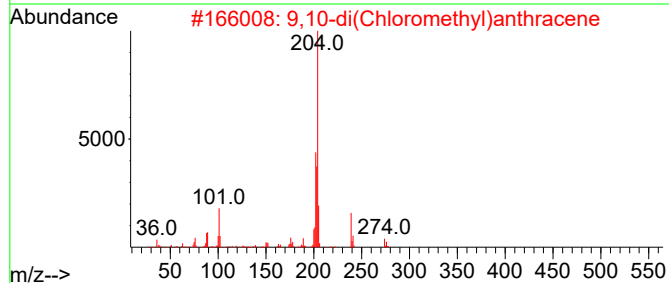
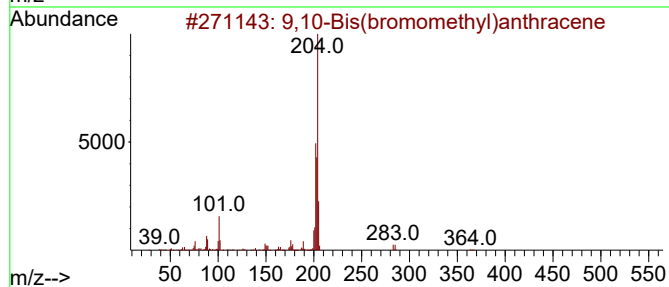
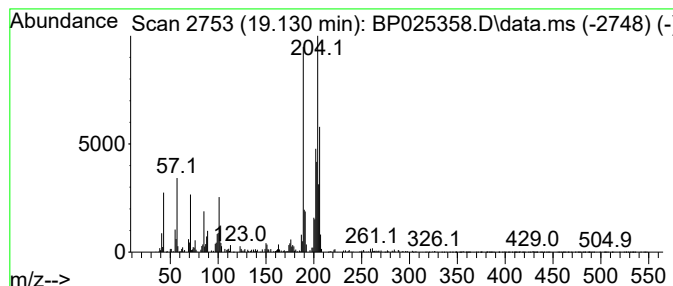
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ClientSampleId :
OR-03-08082025

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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 9,10-Bis(bromomethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.130	3.32 ng	467467	Phenanthrene-d10	17.213	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

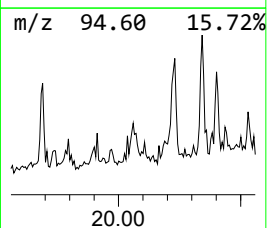
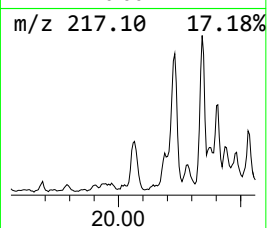
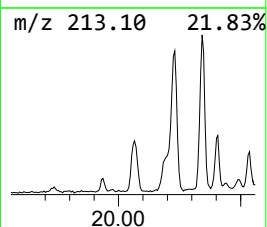
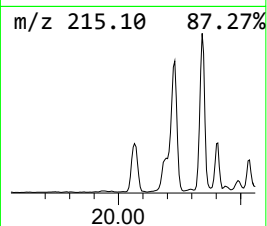
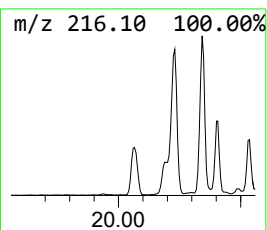
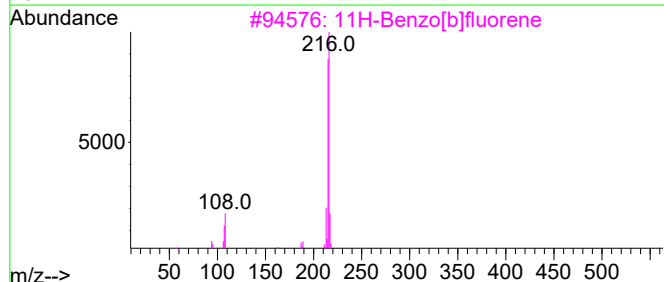
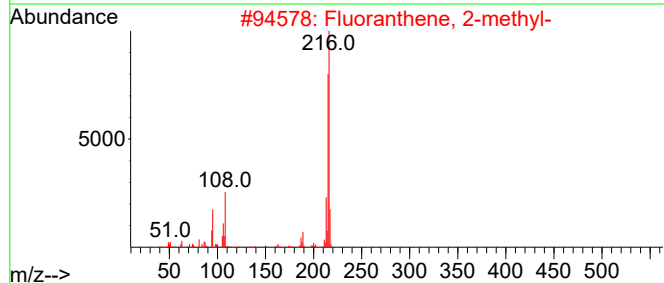
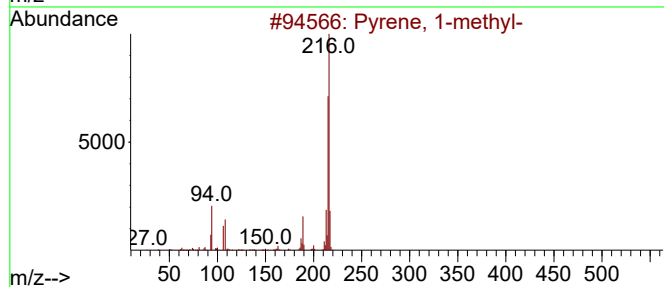
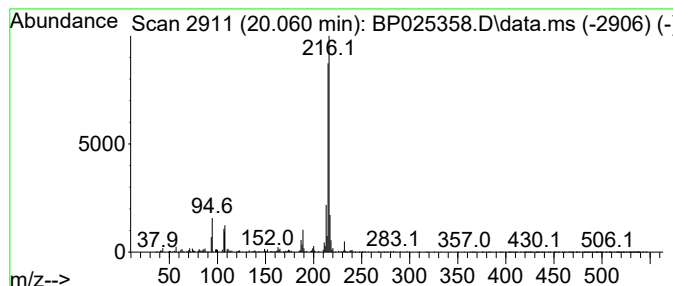
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.060	2.37 ng	965139	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

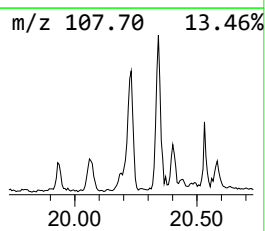
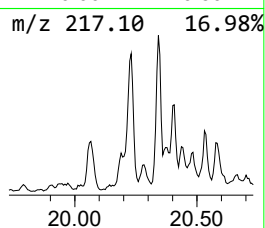
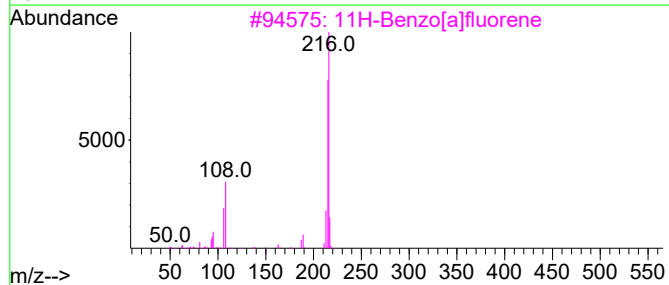
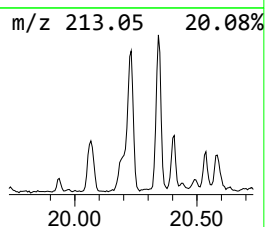
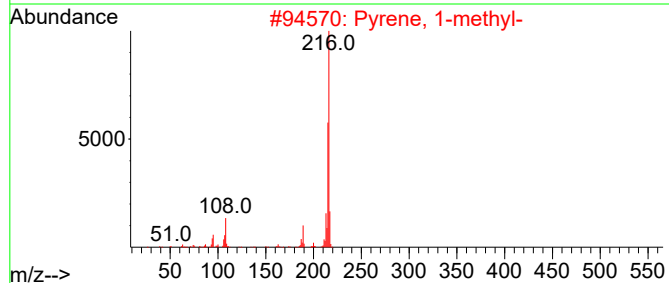
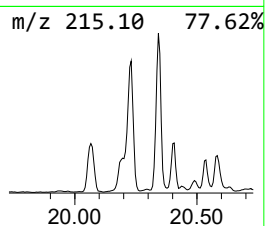
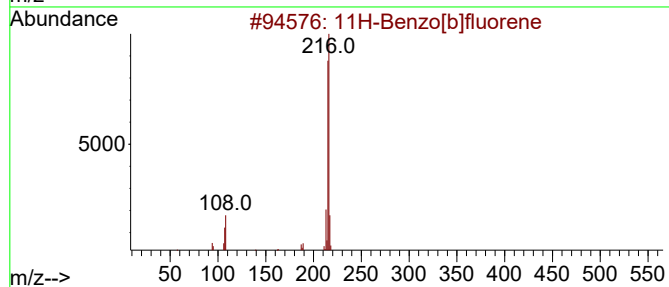
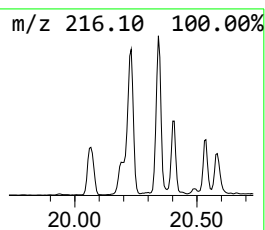
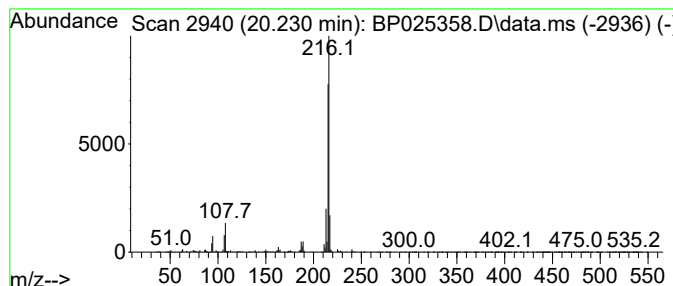
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.230	4.08 ng	1662950	Chrysene-d12	21.654

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	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

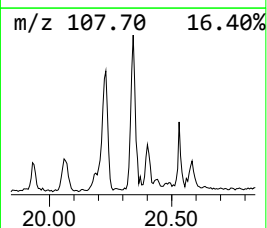
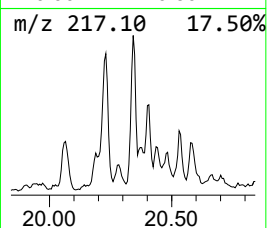
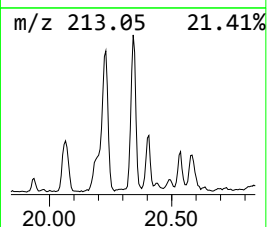
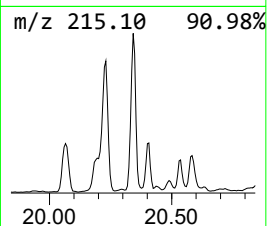
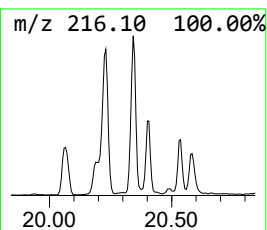
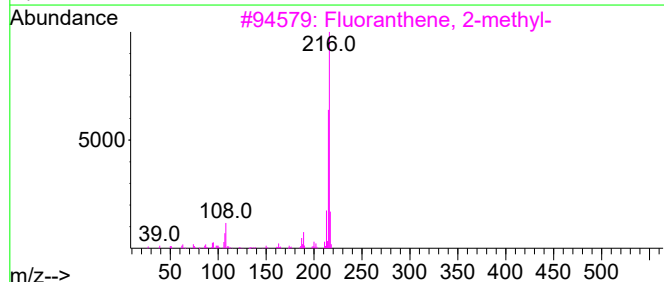
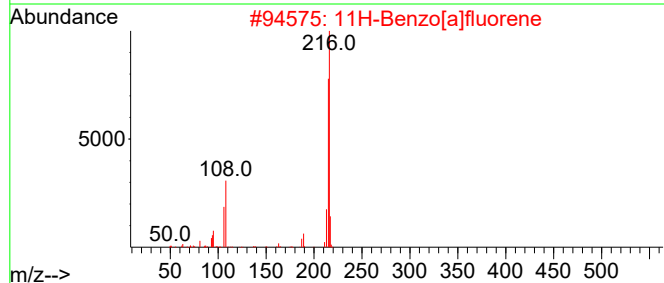
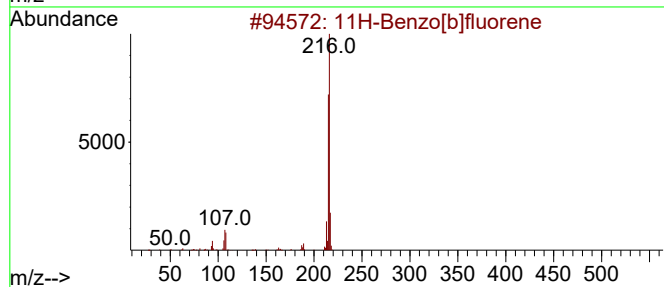
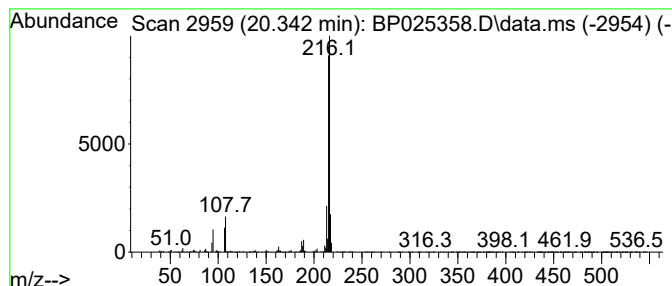
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.342	4.09 ng	1666960	Chrysene-d12	21.654

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		.beta.-Carboline, 1,2,3,4-tetra...	260	C14H16N2O3	029573-11-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

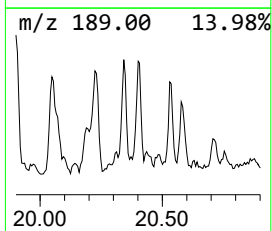
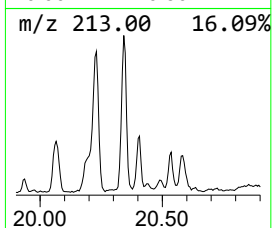
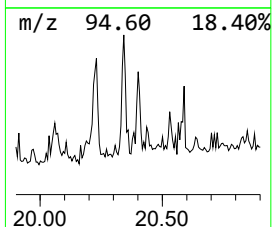
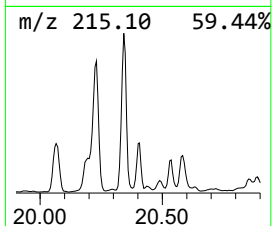
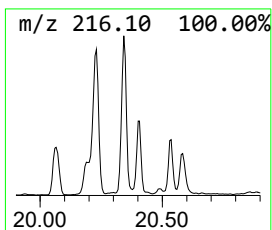
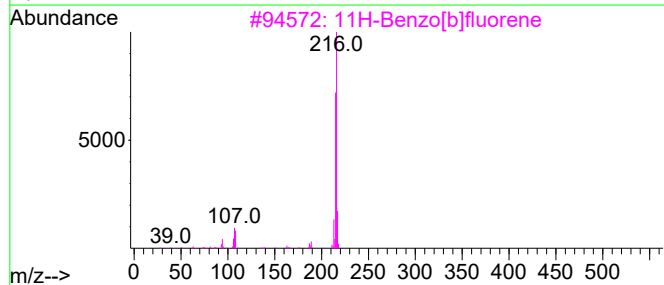
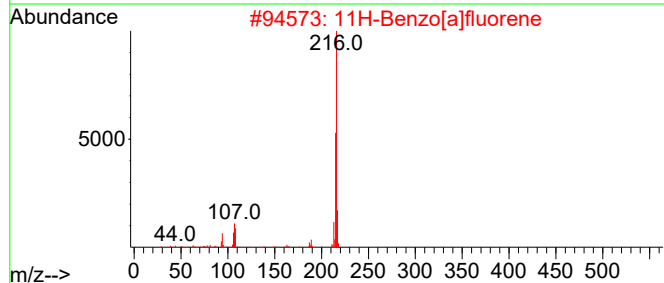
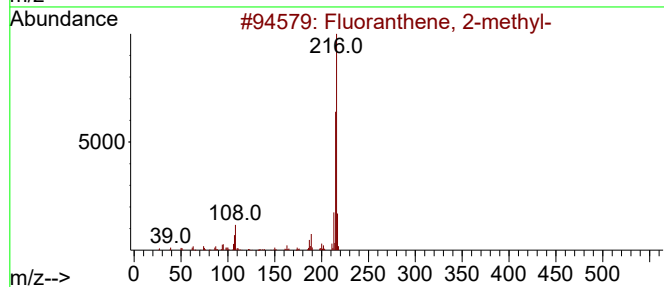
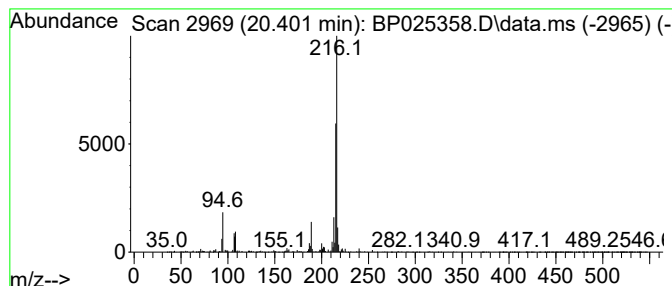
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.401	2.13 ng	866816	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025358.D
Acq On : 11 Aug 2025 21:40
Operator : CG/JU
Sample : Q2809-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-08082025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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...	3.049	3.9	ng	273998	1	7.796	1420880	20.0
Azulene	10.625	2.0	ng	194108	2	10.572	1910690	20.0
2-Hydroxyfluorene	15.784	3.2	ng	395668	3	14.413	2444330	20.0
Dibenzothiophene	17.025	2.9	ng	407083	4	17.213	2814790	20.0
Phenanthrene, 2...	18.119	5.9	ng	827425	4	17.213	2814790	20.0
Anthracene, 2-m...	18.166	9.5	ng	1335790	4	17.213	2814790	20.0
Phenanthrene, 3...	18.254	4.4	ng	617869	4	17.213	2814790	20.0
4H-Cyclopenta[d...	18.313	15.1	ng	2120530	4	17.213	2814790	20.0
Phenanthrene, 1...	18.354	3.5	ng	496601	4	17.213	2814790	20.0
Naphthalene, 2-...	18.636	3.4	ng	477928	4	17.213	2814790	20.0
Phenanthrene, 2...	19.066	4.1	ng	578676	4	17.213	2814790	20.0
9,10-Bis(bromom...	19.130	3.3	ng	467467	4	17.213	2814790	20.0
Pyrene, 1-methyl-	20.060	2.4	ng	965139	5	21.654	8155320	20.0
11H-Benzo[b]flu...	20.230	4.1	ng	1662950	5	21.654	8155320	20.0
11H-Benzo[a]flu...	20.342	4.1	ng	1666960	5	21.654	8155320	20.0
Fluoranthene, 2...	20.401	2.1	ng	866816	5	21.654	8155320	20.0