

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142978.D
 Acq On : 02 Jul 2025 18:50
 Operator : RC/JU
 Sample : Q2458-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-76

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_F\Methods\8270-BF061925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	486	490	505	rVB	65314	100879	7.48%	0.853%
2	5.487	554	560	582	rVB	768730	997050	73.93%	8.433%
3	6.498	727	732	749	rBV	766667	1025114	76.01%	8.670%
4	6.869	790	795	803	rVB	275867	335931	24.91%	2.841%
5	7.434	885	891	896	rBV	523206	651429	48.30%	5.510%
6	8.157	1009	1014	1021	rBV	355066	444724	32.97%	3.761%
7	9.233	1191	1197	1202	rBV	1048020	1348719	100.00%	11.407%
8	9.775	1285	1289	1296	rBV	19747	25113	1.86%	0.212%
9	9.910	1307	1312	1318	rBV	387823	488601	36.23%	4.132%
10	10.627	1428	1434	1441	rBV	110684	142678	10.58%	1.207%
11	10.704	1441	1447	1461	rVV	580556	740752	54.92%	6.265%
12	10.822	1461	1467	1474	rVB5	10899	20980	1.56%	0.177%
13	11.404	1560	1566	1575	rBV2	334277	505981	37.52%	4.279%
14	11.733	1618	1622	1627	rVB2	10927	14789	1.10%	0.125%
15	11.927	1647	1655	1662	rBV4	84278	175364	13.00%	1.483%
16	12.016	1666	1670	1673	rBV	40804	61314	4.55%	0.519%
17	12.198	1698	1701	1704	rBV	13715	17573	1.30%	0.149%
18	12.227	1704	1706	1711	rVB2	16643	21472	1.59%	0.182%
19	12.345	1721	1726	1729	rBV2	13113	22245	1.65%	0.188%
20	12.380	1729	1732	1734	rBV	17716	19041	1.41%	0.161%
21	12.457	1740	1745	1748	rBV	59966	90269	6.69%	0.763%
22	12.486	1748	1750	1757	rVV3	33221	58811	4.36%	0.497%
23	12.545	1757	1760	1768	rVB3	31274	47655	3.53%	0.403%
24	12.616	1768	1772	1777	rBV	169786	215190	15.96%	1.820%
25	12.663	1777	1780	1782	rBV	10744	14178	1.05%	0.120%
26	12.716	1786	1789	1792	rVV	12496	15013	1.11%	0.127%
27	12.768	1792	1798	1801	rVV3	10006	19536	1.45%	0.165%
28	12.851	1805	1812	1817	rBV	215541	324082	24.03%	2.741%
29	12.904	1817	1821	1825	rVB2	28849	38234	2.83%	0.323%
30	12.986	1825	1835	1843	rVB	754685	1002052	74.30%	8.475%
31	13.068	1843	1849	1855	rBV3	44279	84072	6.23%	0.711%
32	13.168	1860	1866	1870	rBV3	36656	80692	5.98%	0.682%
33	13.280	1881	1885	1892	rVB2	55275	71069	5.27%	0.601%
34	13.374	1897	1901	1903	rBV	44392	53128	3.94%	0.449%
35	13.404	1903	1906	1909	rVV2	34808	38608	2.86%	0.327%
36	13.433	1909	1911	1915	rVB4	17810	20125	1.49%	0.170%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	13.557	1928	1932	1934	rBV4	12143	18228	1.35%	0.154%
38	13.686	1950	1954	1959	rVB	32286	44449	3.30%	0.376%
39	13.745	1961	1964	1967	rBV	12746	14152	1.05%	0.120%
40	13.798	1967	1973	1976	rBV3	37939	70939	5.26%	0.600%
41	13.892	1984	1989	1999	rVB4	59679	134298	9.96%	1.136%
42	14.045	2009	2015	2027	rBV3	358594	762312	56.52%	6.447%
43	14.133	2028	2030	2035	rVV3	17389	31897	2.36%	0.270%
44	14.198	2038	2041	2050	rVB8	28297	65933	4.89%	0.558%
45	14.433	2078	2081	2084	rVB2	41033	48073	3.56%	0.407%
46	14.468	2084	2087	2091	rVV2	26798	29090	2.16%	0.246%
47	14.527	2091	2097	2100	rVV3	23281	56225	4.17%	0.476%
48	14.562	2100	2103	2110	rVB3	35242	69106	5.12%	0.584%
49	15.104	2190	2195	2208	rBV	126436	294801	21.86%	2.493%
50	15.215	2210	2214	2218	rBV	20168	29927	2.22%	0.253%
51	15.415	2243	2248	2254	rBV	77492	119926	8.89%	1.014%
52	15.474	2254	2258	2264	rVV	95591	143808	10.66%	1.216%
53	15.539	2264	2269	2282	rVB	196323	353536	26.21%	2.990%
54	16.698	2462	2466	2482	rVB	14163	44335	3.29%	0.375%
55	17.051	2520	2526	2534	rVB2	35025	74473	5.52%	0.630%
56	17.292	2562	2567	2572	rBV3	9320	19047	1.41%	0.161%
57	17.503	2597	2603	2613	rVB	29809	66581	4.94%	0.563%

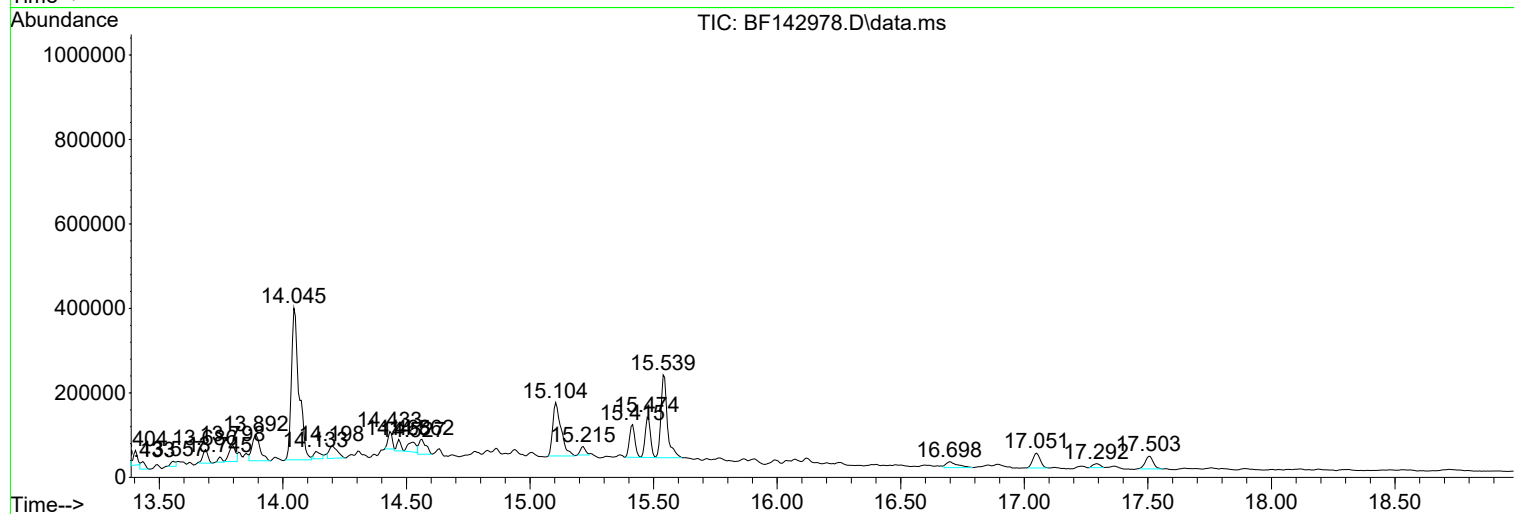
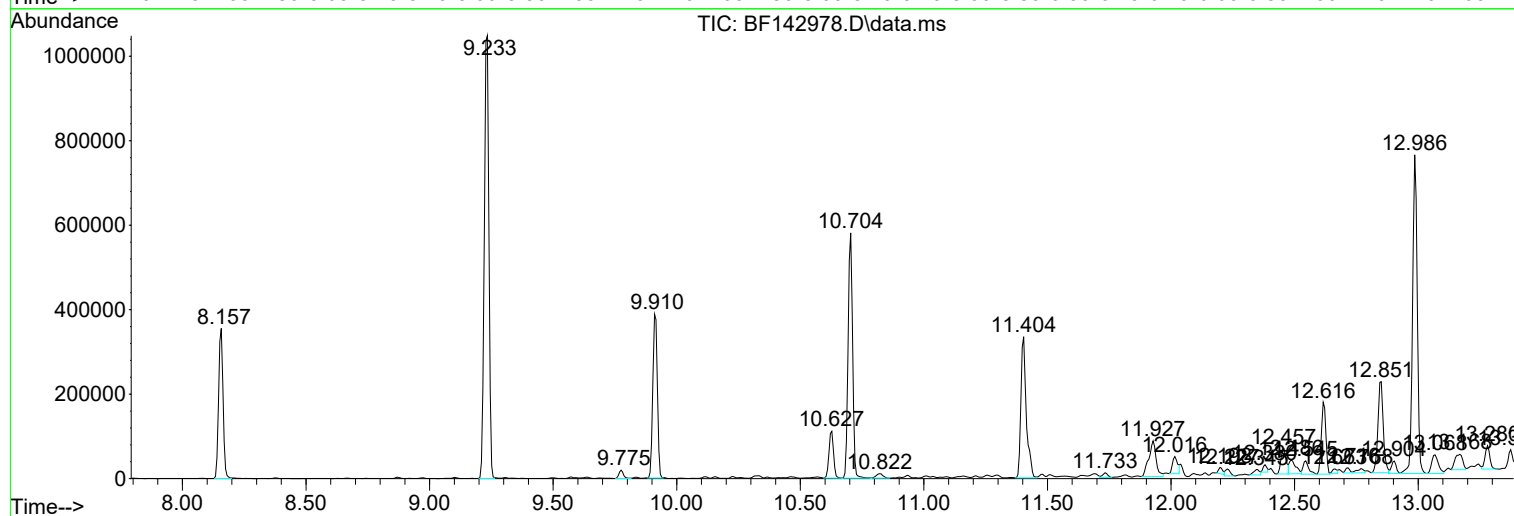
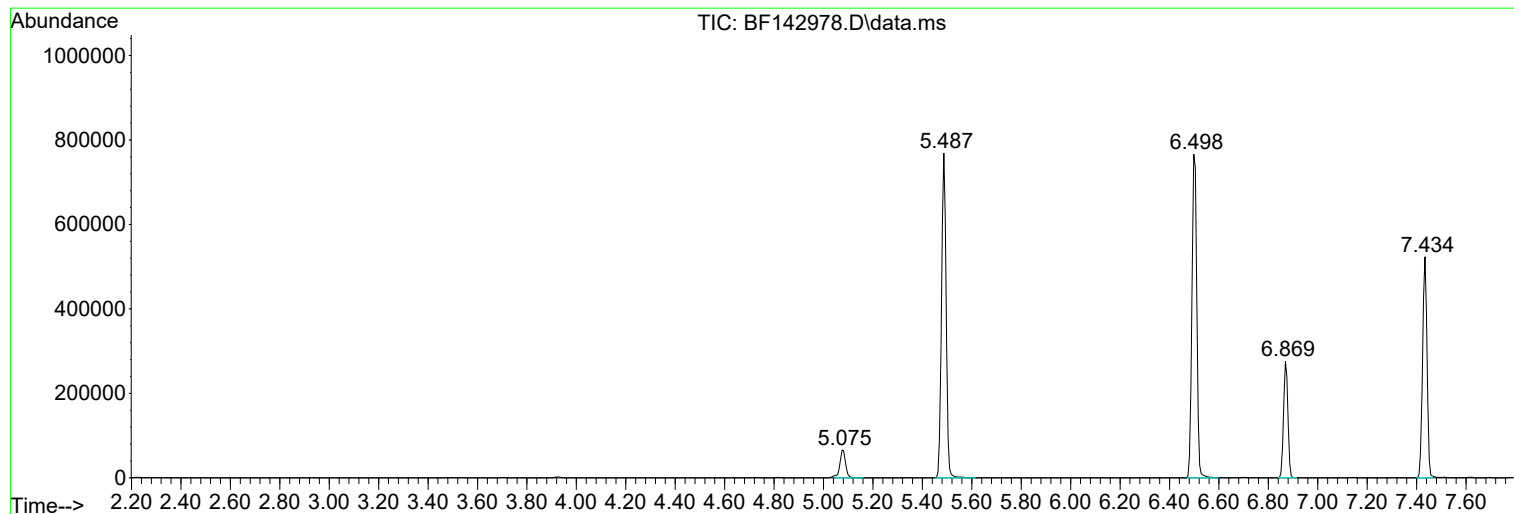
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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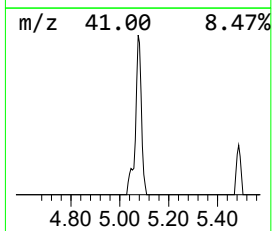
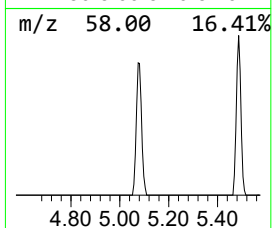
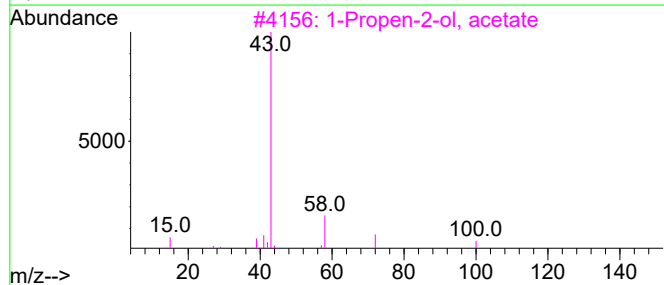
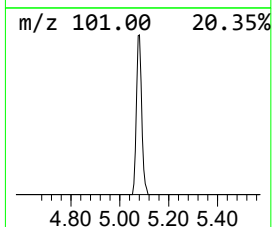
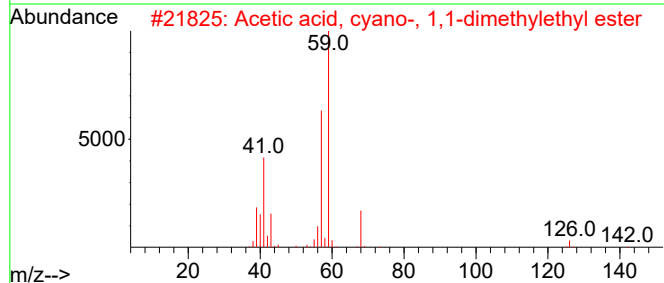
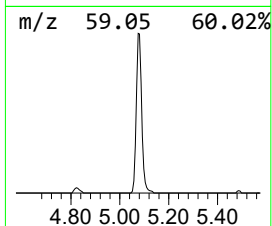
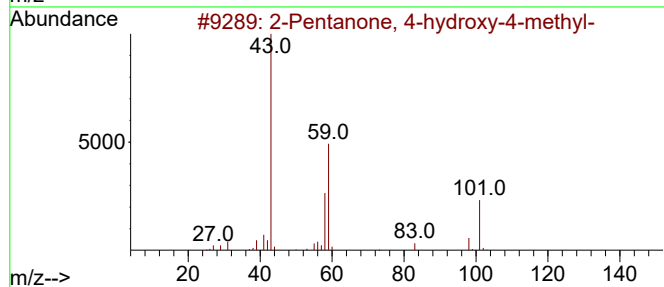
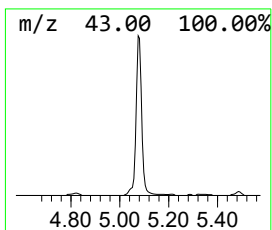
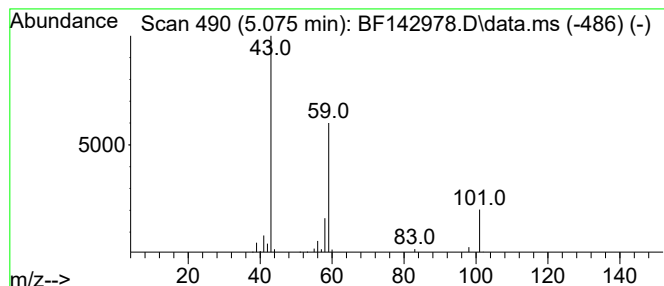
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	6.01 ng	100879	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9		



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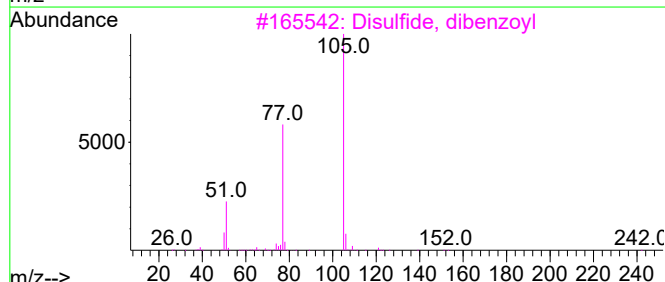
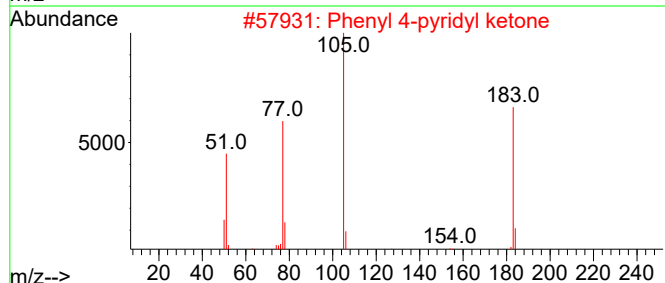
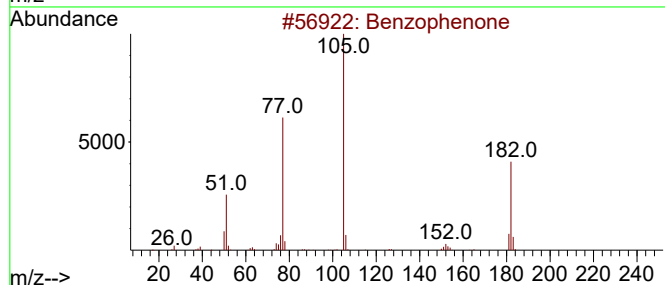
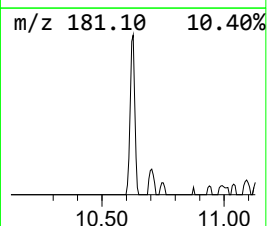
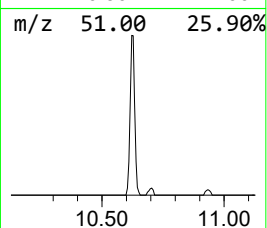
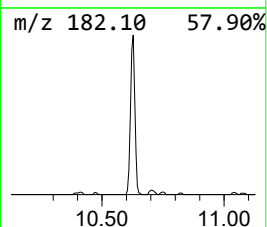
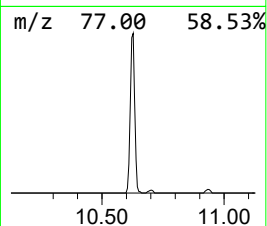
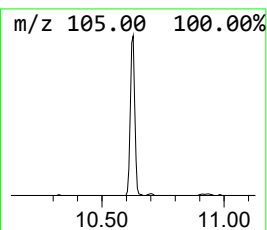
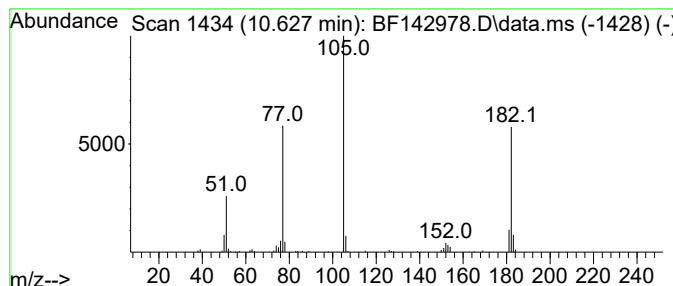
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	5.84 ng	142678	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



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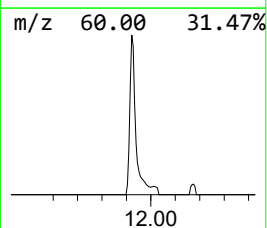
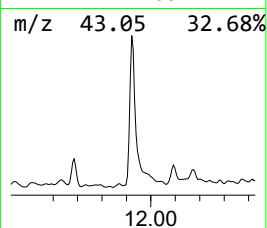
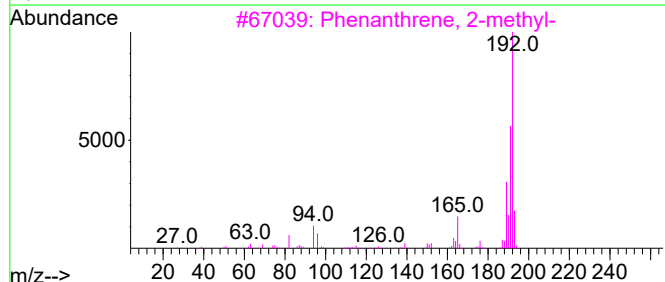
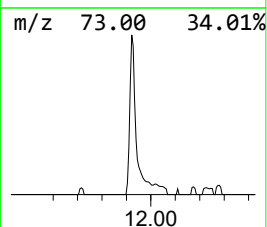
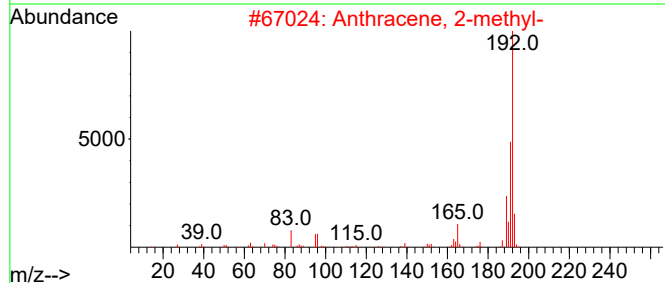
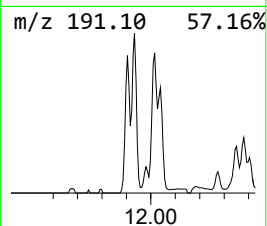
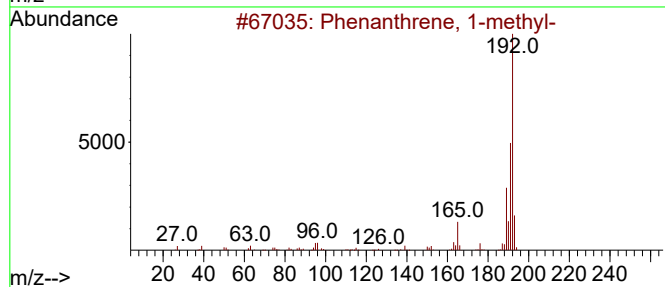
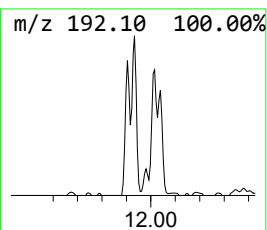
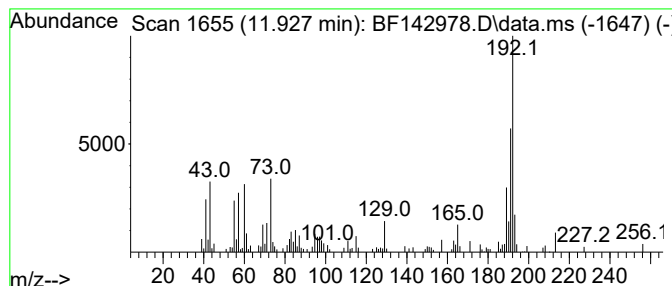
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.93 ng	175364	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



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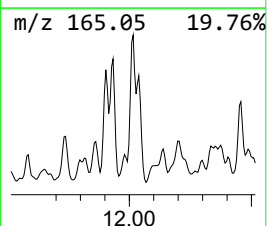
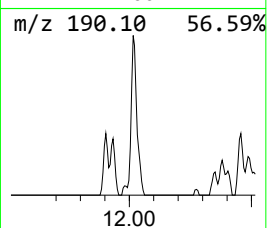
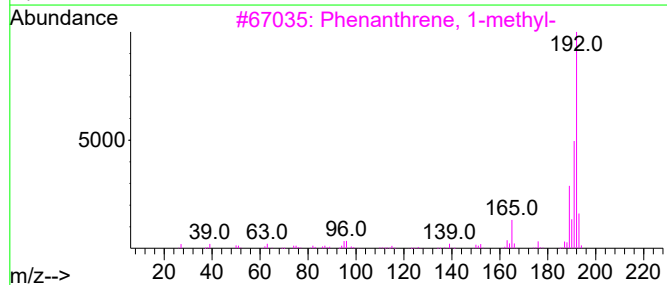
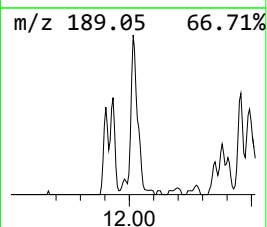
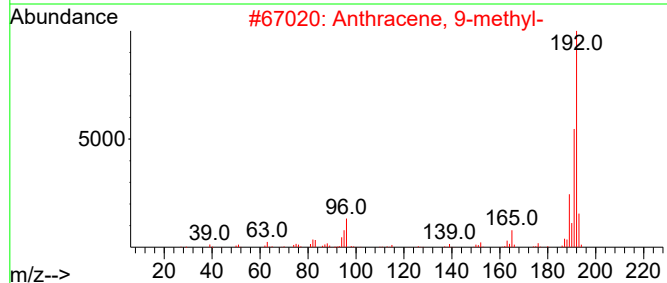
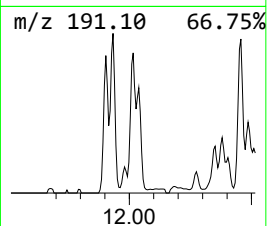
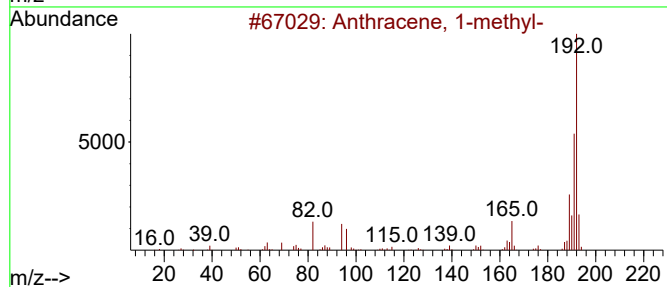
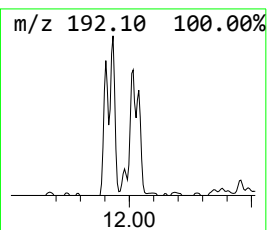
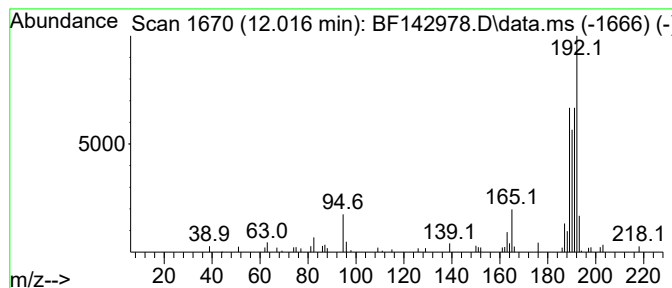
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.42 ng	61314	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	58



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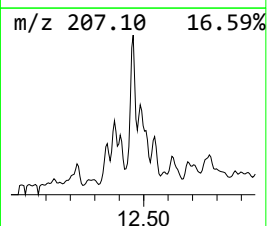
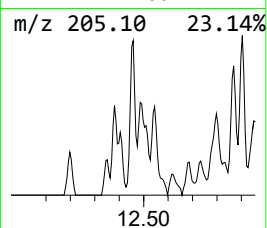
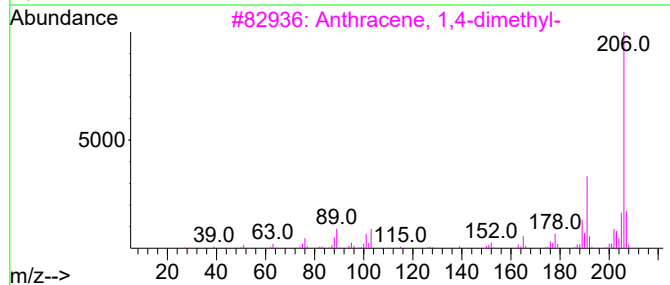
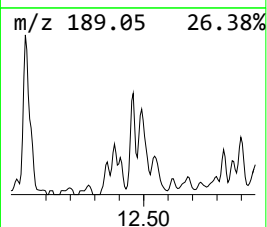
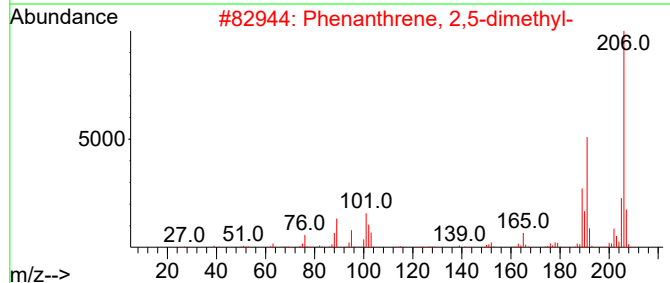
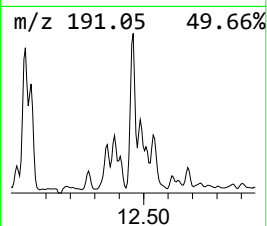
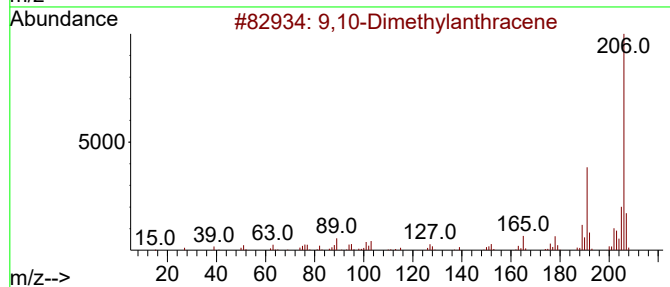
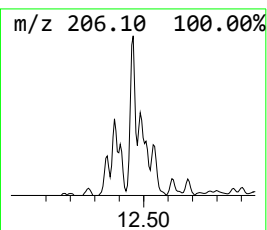
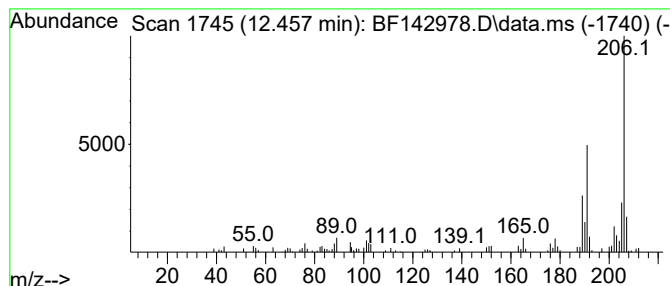
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.57 ng	90269	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	92
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142978.D
Acq On : 02 Jul 2025 18:50
Operator : RC/JU
Sample : Q2458-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-76

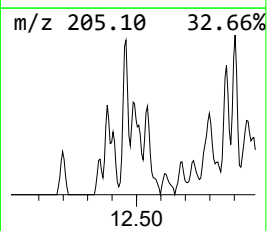
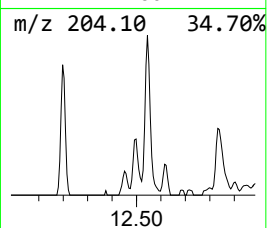
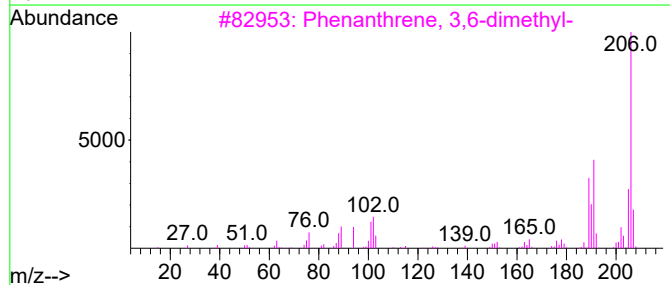
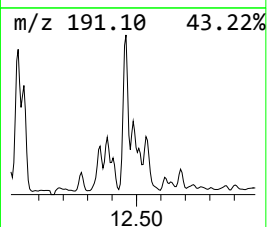
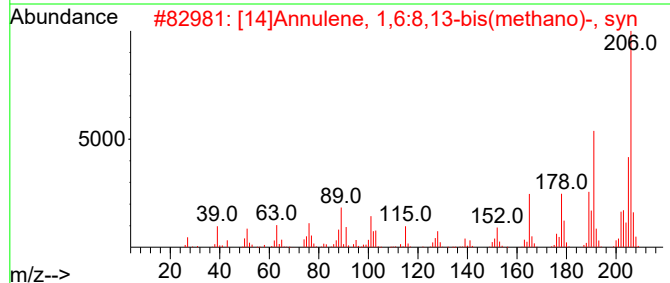
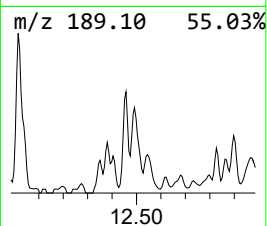
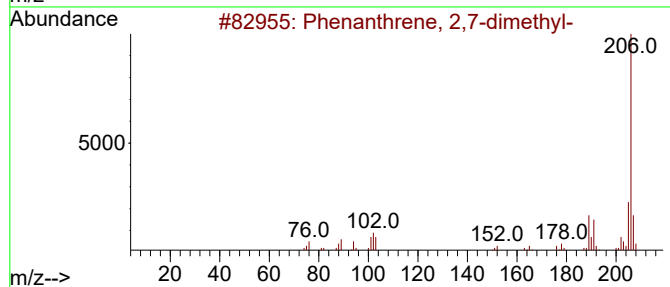
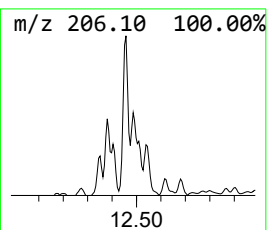
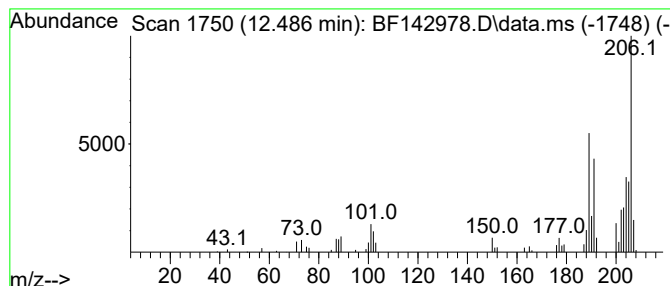
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.32 ng	58811	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
2			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	58
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142978.D
Acq On : 02 Jul 2025 18:50
Operator : RC/JU
Sample : Q2458-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

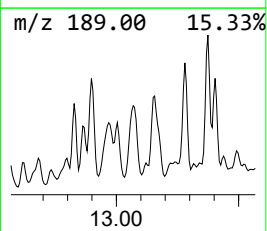
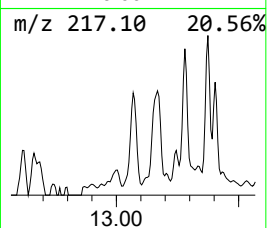
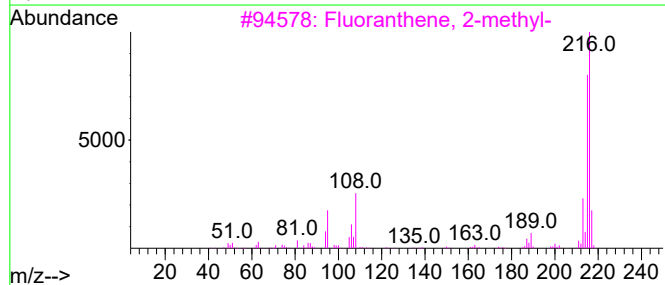
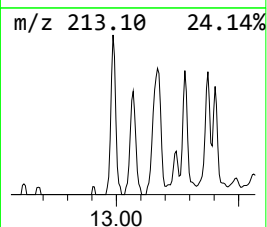
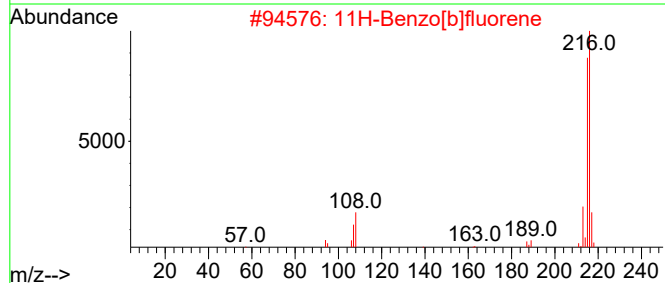
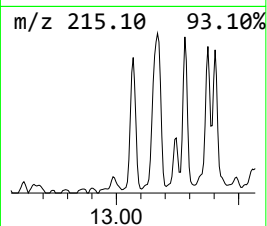
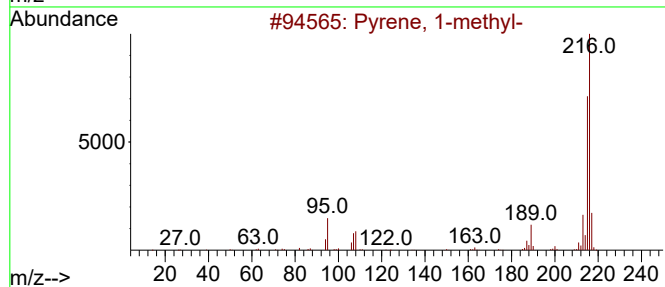
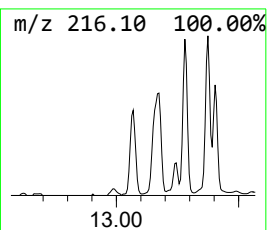
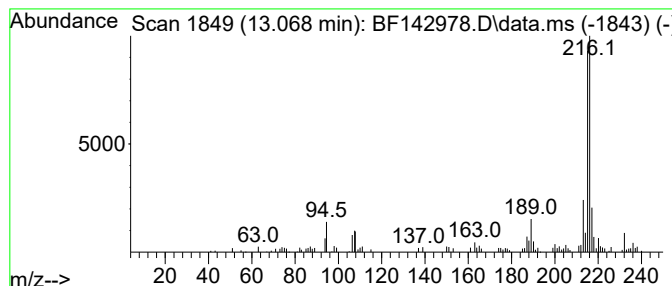
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.069	2.21 ng	84072	Chrysene-d12		14.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-		216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
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Sample : Q2458-01
Misc :
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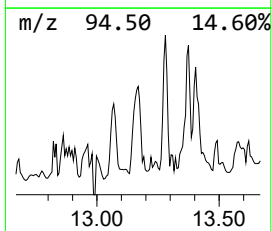
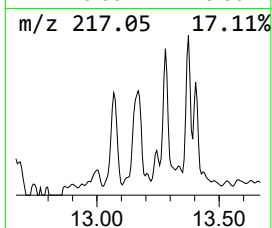
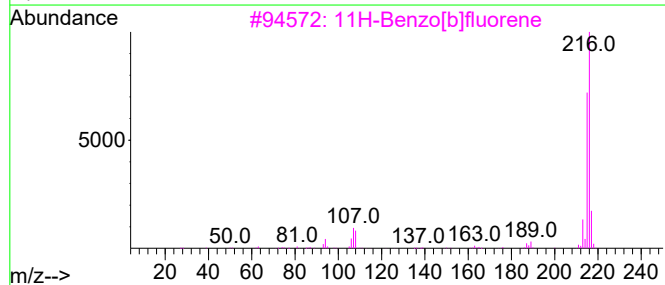
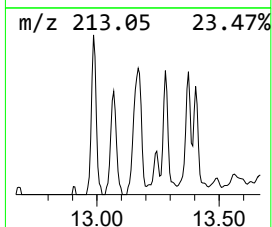
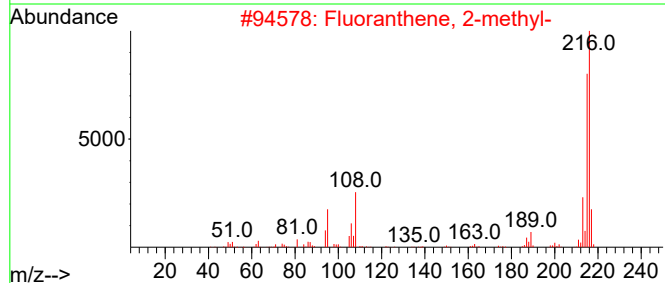
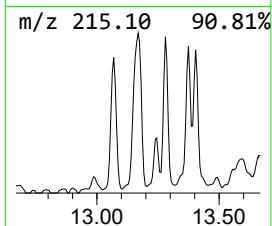
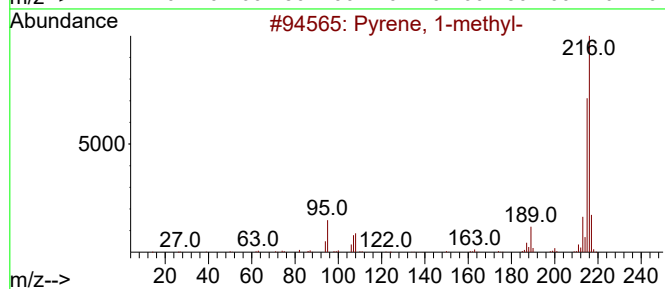
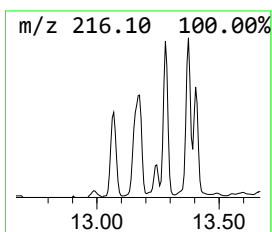
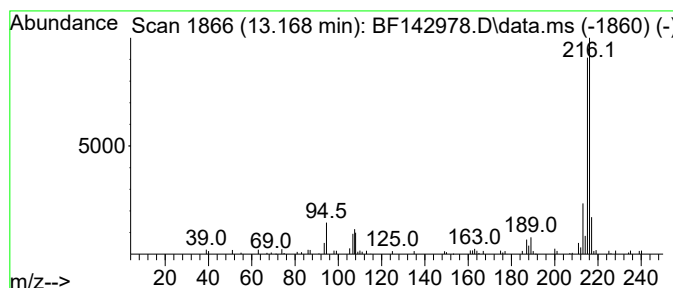
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.169	2.12 ng	80692	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142978.D
Acq On : 02 Jul 2025 18:50
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Sample : Q2458-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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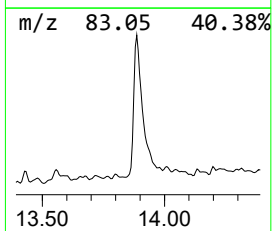
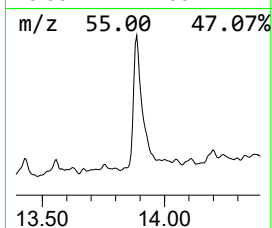
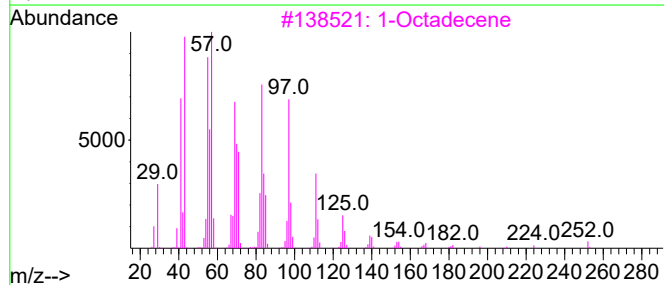
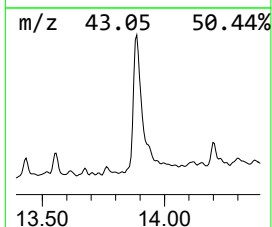
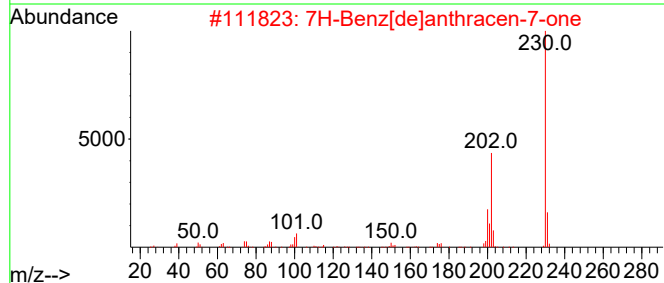
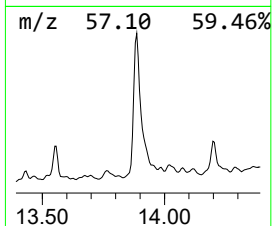
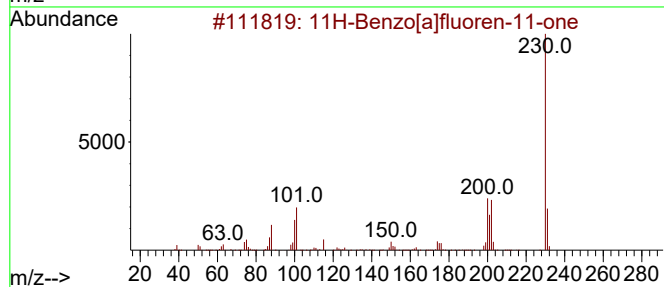
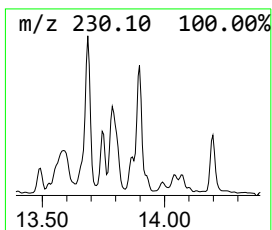
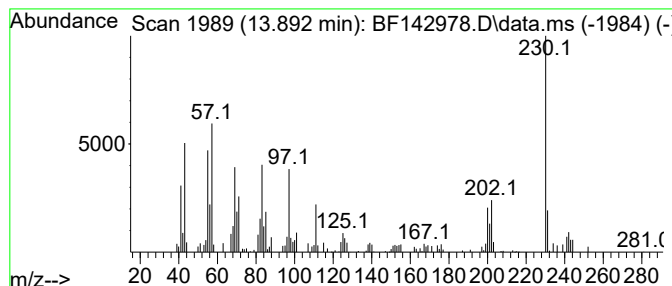
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.52 ng	134298	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	50
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
3			1-Octadecene	252	C18H36	000112-88-9	38
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	30
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142978.D
Acq On : 02 Jul 2025 18:50
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Misc :
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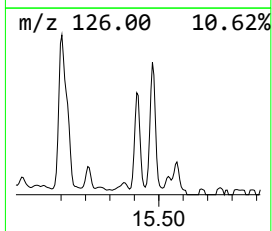
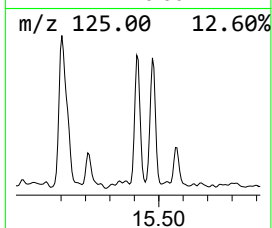
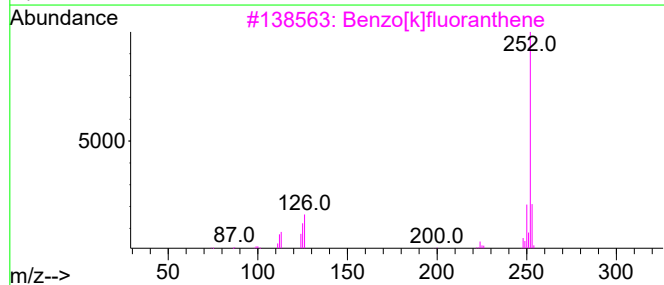
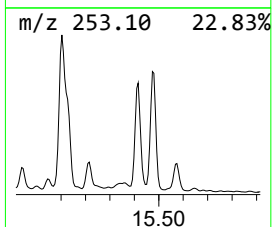
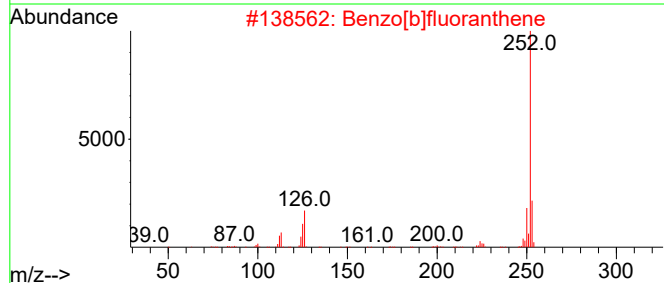
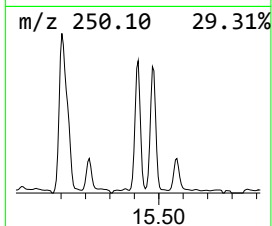
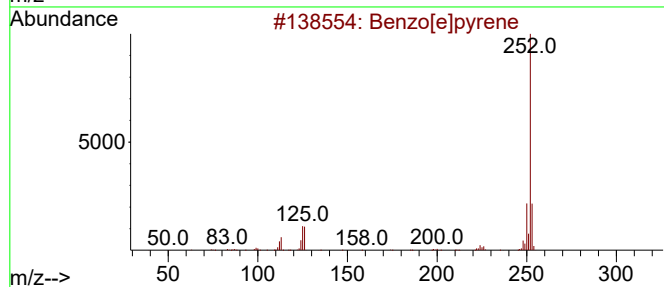
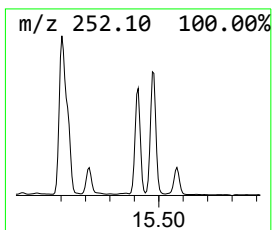
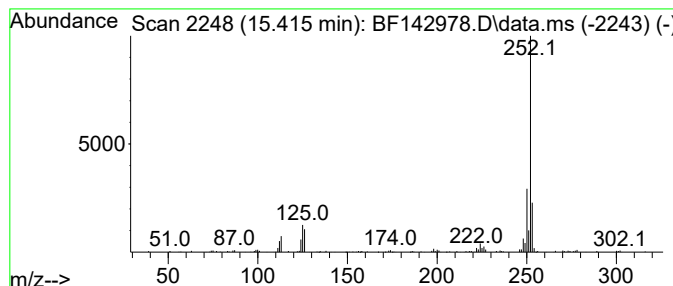
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	6.78 ng	119926	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142978.D
Acq On : 02 Jul 2025 18:50
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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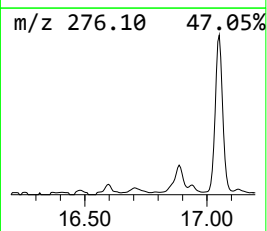
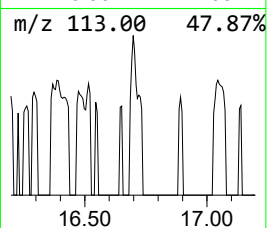
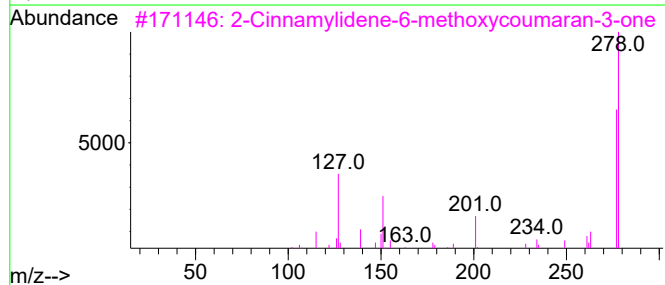
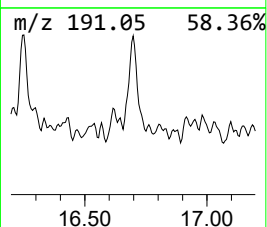
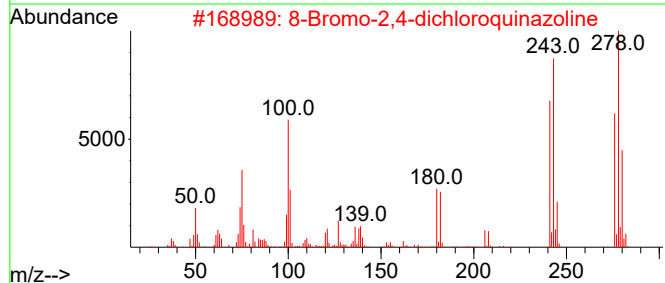
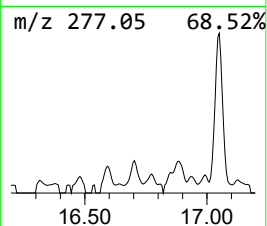
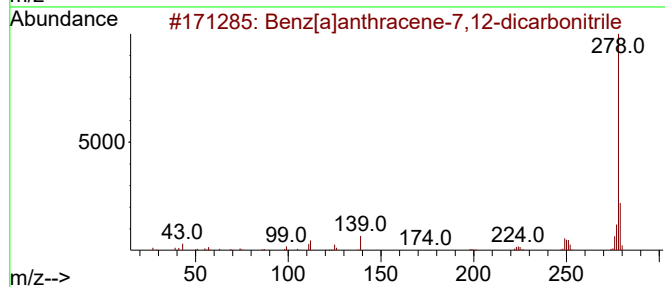
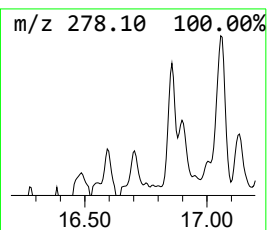
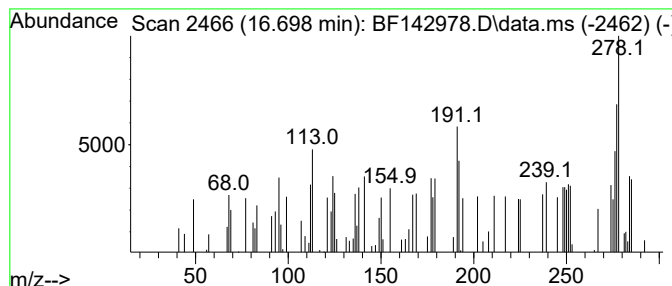
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.698 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	2.51 ng	44335	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	14
2			8-Bromo-2,4-dichloroquinazoline	276	C8H3BrCl2N2	331647-05-3	14
3			2-Cinnamylidene-6-methoxycoumara...	278	C18H14O3	077765-15-2	12
4			Anthra[2,3-b]furan-4,11-dione, 2...	278	C18H14O3	054964-97-5	11
5			Phenanthro[3,2-b]furan-7,11-dion...	278	C18H14O3	020958-18-3	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142978.D
Acq On : 02 Jul 2025 18:50
Operator : RC/JU
Sample : Q2458-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-76

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
2-Pentanone, 4-...	5.075	6.0	ng	100879	1	6.869	335931	20.0
Benzophenone	10.627	5.8	ng	142678	3	9.910	488601	20.0
Phenanthrene, 1...	11.927	6.9	ng	175364	4	11.404	505981	20.0
Anthracene, 1-m...	12.016	2.4	ng	61314	4	11.404	505981	20.0
9,10-Dimethylan...	12.457	3.6	ng	90269	4	11.404	505981	20.0
Phenanthrene, 2...	12.486	2.3	ng	58811	4	11.404	505981	20.0
Pyrene, 1-methyl-	13.069	2.2	ng	84072	5	14.051	762312	20.0
Fluoranthene, 2...	13.169	2.1	ng	80692	5	14.051	762312	20.0
11H-Benzo[a]flu...	13.892	3.5	ng	134298	5	14.051	762312	20.0
Benzo[e]pyrene	15.415	6.8	ng	119926	6	15.539	353536	20.0
unknown16.698	16.698	2.5	ng	44335	6	15.539	353536	20.0