

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142064.D
 Acq On : 24 Mar 2025 19:53
 Operator : RC/JU
 Sample : Q1626-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1

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 : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	17	rVB	695207	1094443	32.34%	3.830%
2	5.493	566	578	591	rBV	1870734	2519321	74.44%	8.817%
3	6.498	743	749	760	rBV	1755322	2373136	70.12%	8.306%
4	6.875	808	813	820	rBV	544064	678389	20.04%	2.374%
5	7.434	899	908	913	rBV	1225183	1587781	46.91%	5.557%
6	7.687	946	951	956	rBV	28461	39697	1.17%	0.139%
7	8.157	1024	1031	1053	rVB	584835	879983	26.00%	3.080%
8	9.228	1207	1213	1223	rBV	2339572	2942080	86.93%	10.297%
9	9.769	1300	1305	1310	rBV	56770	80965	2.39%	0.283%
10	9.910	1322	1329	1333	rBV	604548	806066	23.82%	2.821%
11	9.939	1333	1334	1342	rVB	59598	60851	1.80%	0.213%
12	10.110	1359	1363	1367	rBV2	35711	50915	1.50%	0.178%
13	10.333	1395	1401	1405	rBV3	26862	49569	1.46%	0.173%
14	10.457	1418	1422	1428	rBV	53290	74334	2.20%	0.260%
15	10.622	1445	1450	1455	rVB	190901	252722	7.47%	0.885%
16	10.698	1457	1463	1468	rBV	1356946	1825806	53.95%	6.390%
17	10.745	1468	1471	1476	rVV	56068	93875	2.77%	0.329%
18	10.804	1477	1481	1490	rVB2	98879	192772	5.70%	0.675%
19	11.398	1577	1582	1583	rBV	569935	745654	22.03%	2.610%
20	11.416	1583	1585	1590	rVV	616237	770800	22.77%	2.698%
21	11.469	1591	1594	1598	rVV	137592	168069	4.97%	0.588%
22	11.922	1664	1671	1677	rBV3	512391	855635	25.28%	2.995%
23	12.010	1683	1686	1694	rVB2	168971	290097	8.57%	1.015%
24	12.610	1784	1788	1792	rBV	1258544	1557106	46.01%	5.450%
25	12.704	1801	1804	1811	rBV2	242130	358514	10.59%	1.255%
26	12.839	1821	1827	1832	rBV	1122017	1625474	48.03%	5.689%
27	12.980	1846	1851	1858	rVB	2582861	3384566	100.00%	11.846%
28	14.033	2024	2030	2033	rBV3	1136459	2149546	63.51%	7.523%
29	15.086	2205	2209	2217	rVB	503506	1064119	31.44%	3.724%

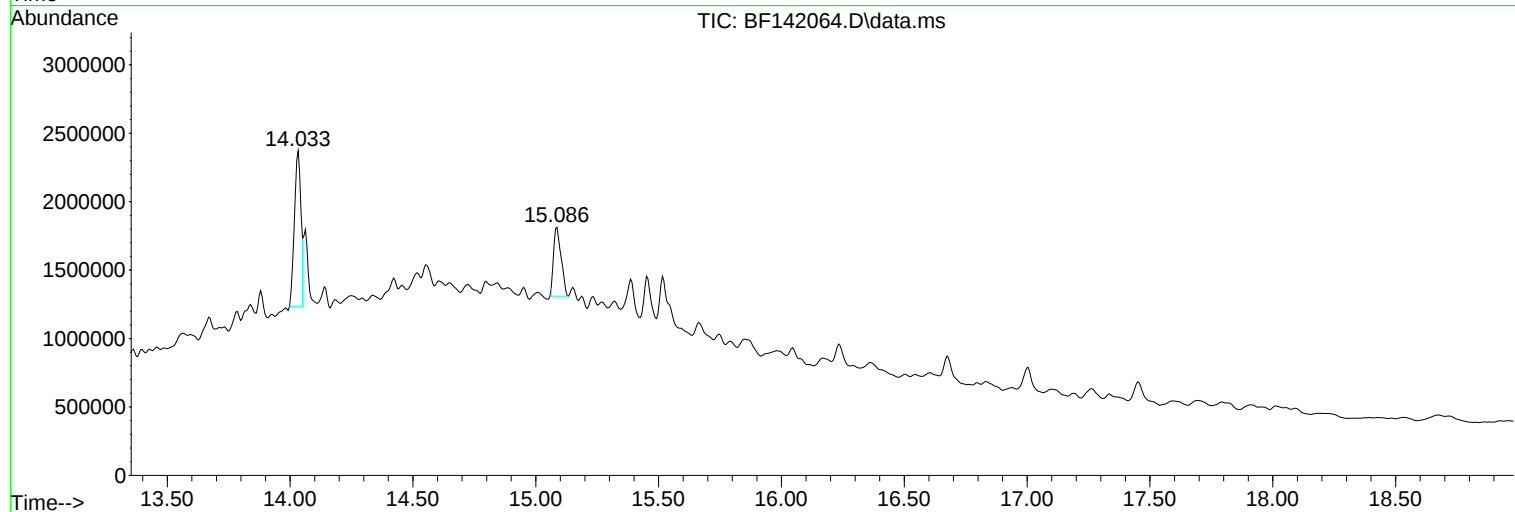
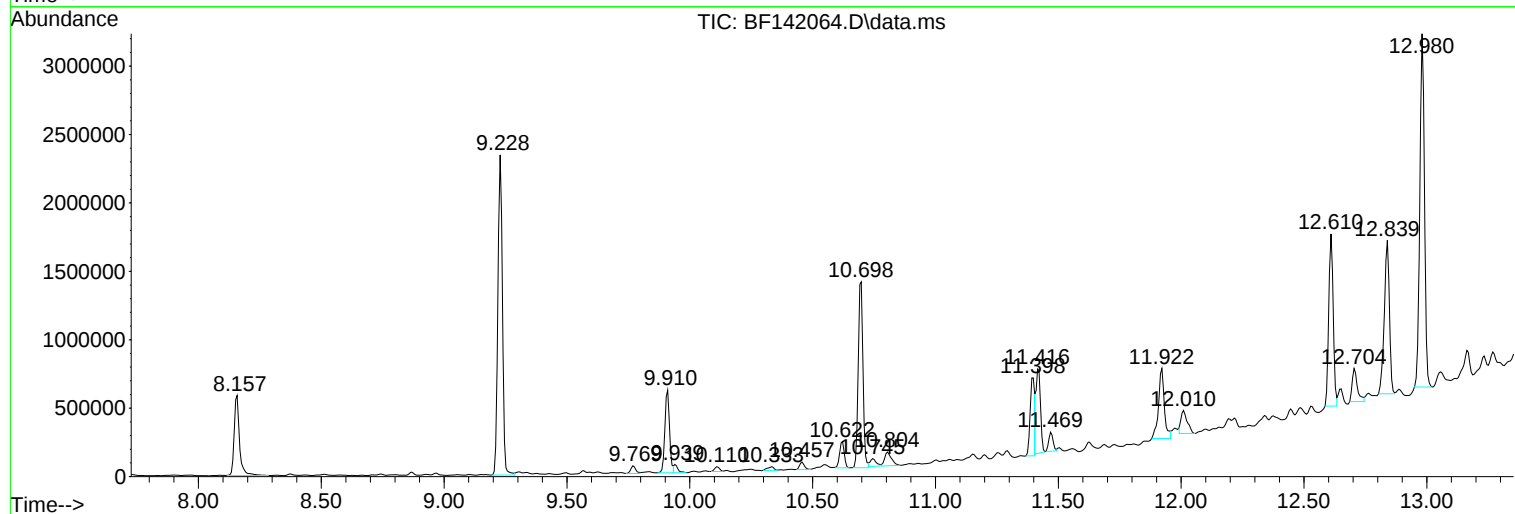
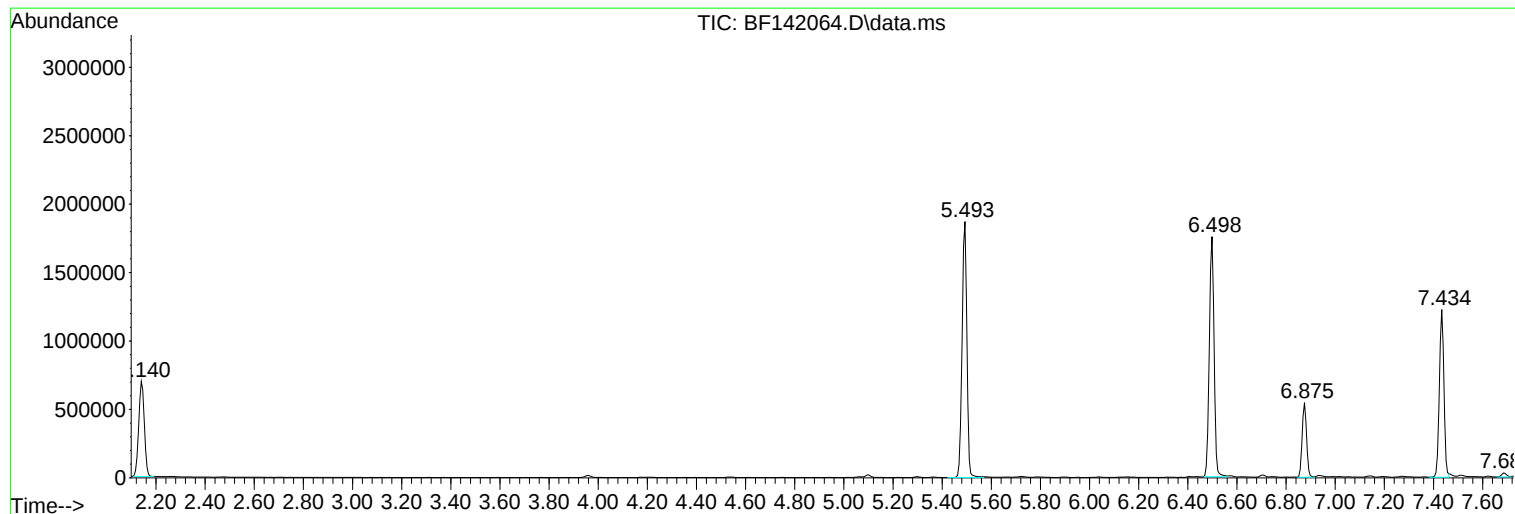
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Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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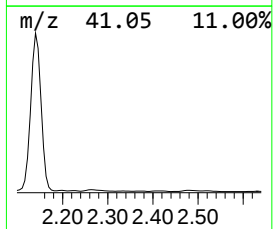
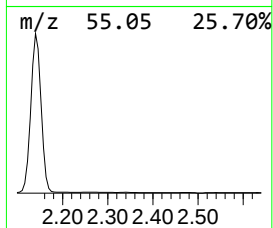
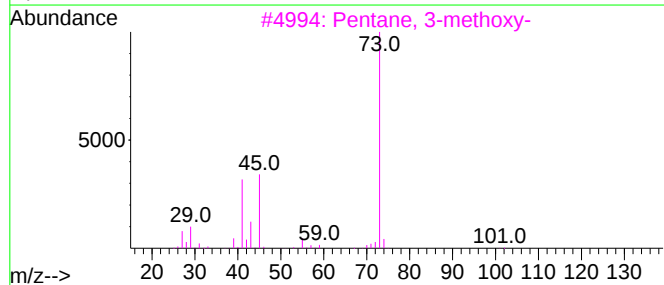
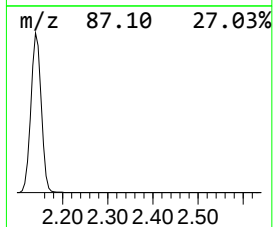
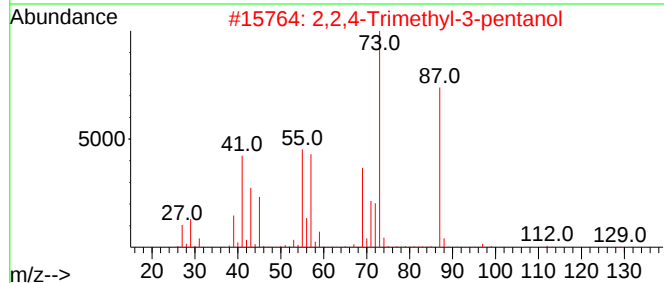
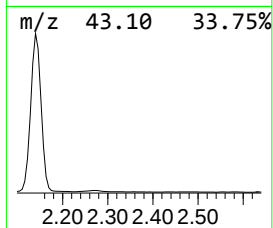
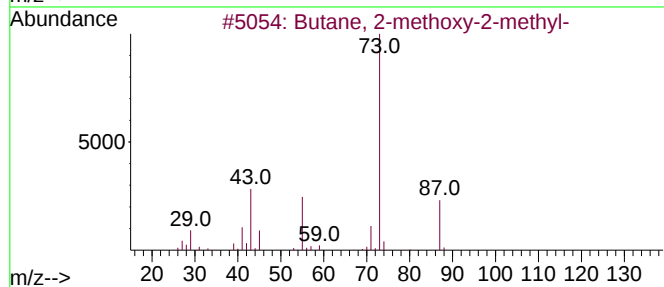
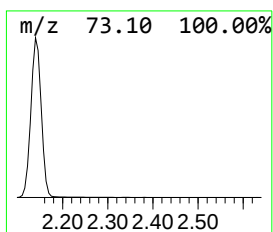
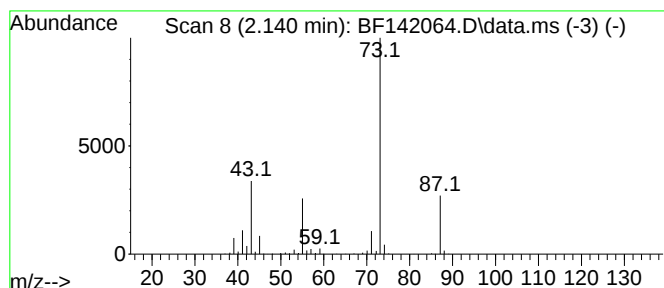
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	32.27 ng	1094440	1,4-Dichlorobenzene-d4	6.875

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	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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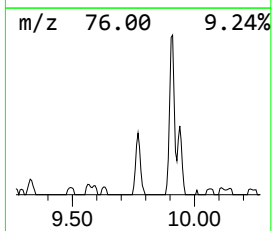
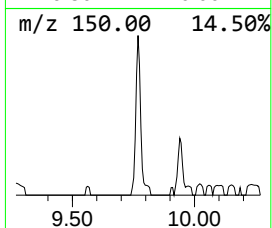
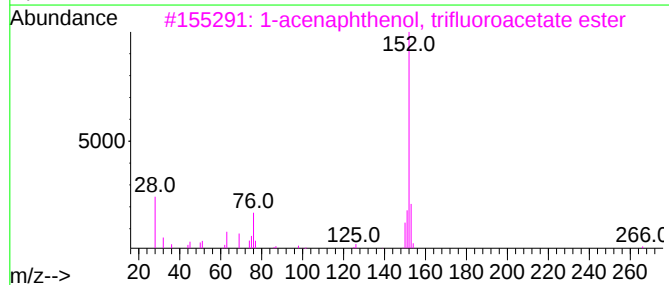
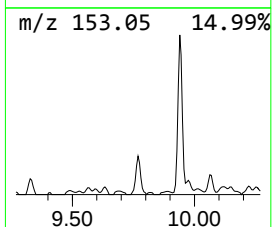
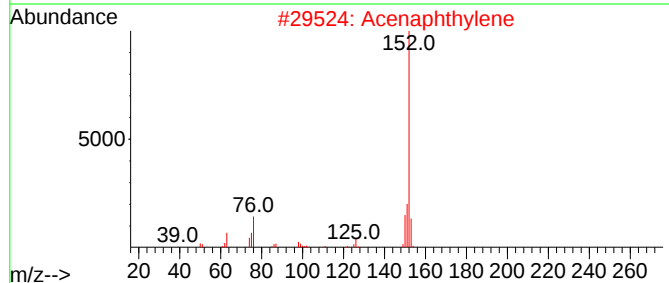
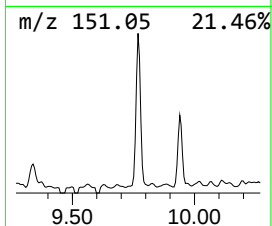
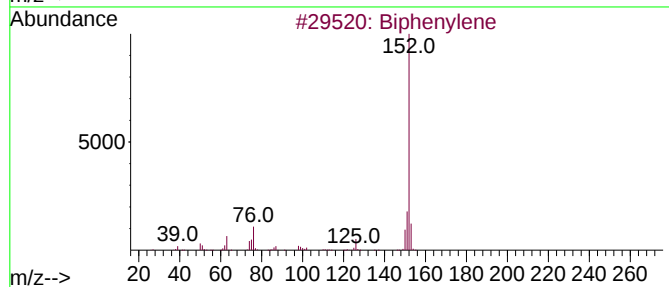
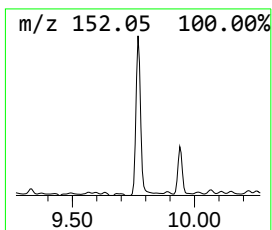
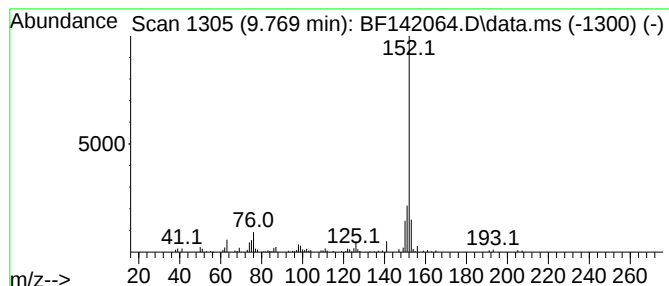
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Peak Number 2 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	2.01 ng	80965	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	95
2			Acenaphthylene	152	C12H8	000208-96-8	91
3			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	72
4			6-Fluoro[1,2,4]triazolo[1,5-a]py...	152	C6H5FN4	1245644-40-9	53
5			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	50



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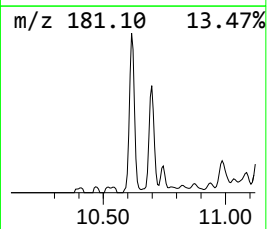
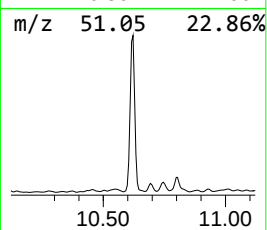
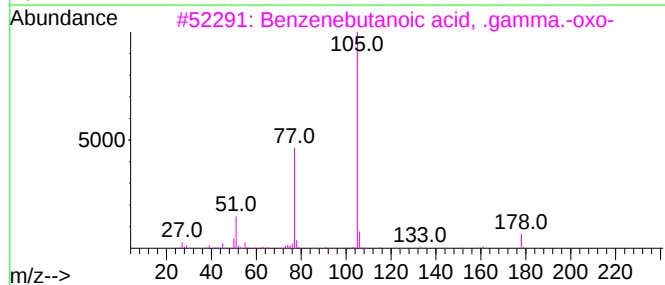
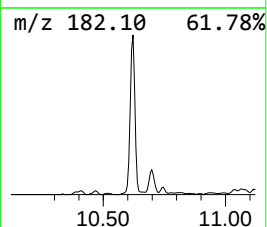
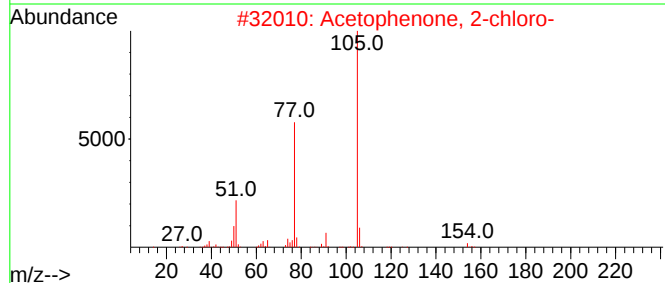
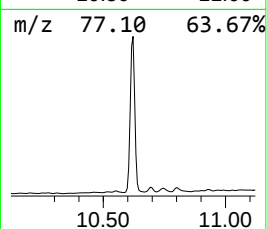
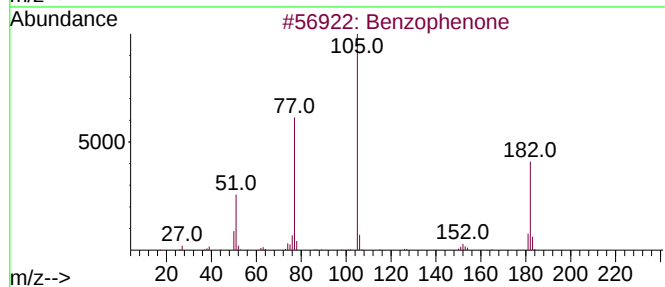
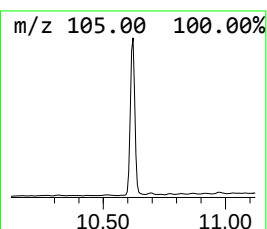
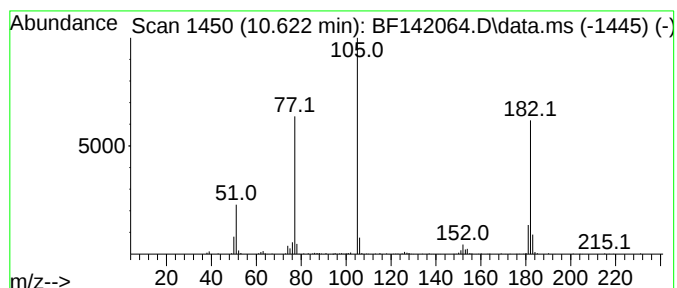
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.622	6.27 ng	252722	Acenaphthene-d10		9.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-		154	C8H7ClO	000532-27-4	49
3	Benzenebutanoic acid, .gamma.-oxo-		178	C10H10O3	002051-95-8	47
4	Benzeneacetic acid, .alpha.-oxo-...		164	C9H8O3	015206-55-0	47
5	N-Methylbenzamide, N-pentafluoro...		281	C11H8F5NO2	1000446-98-1	47



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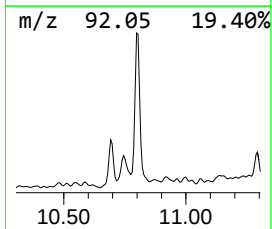
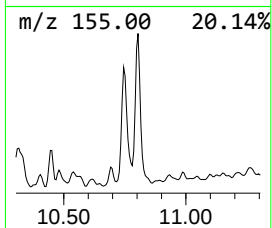
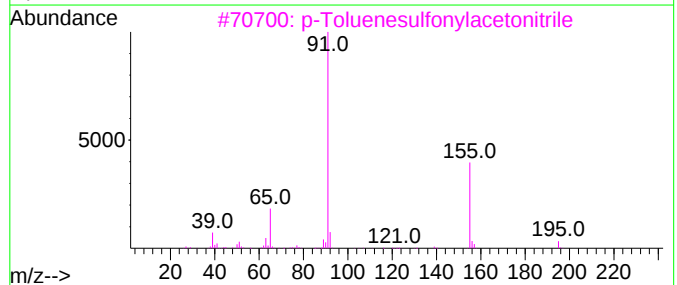
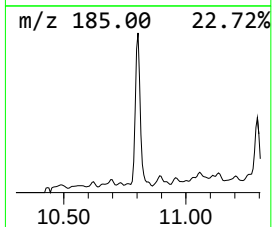
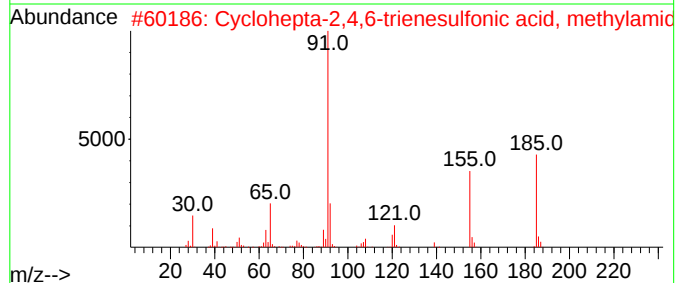
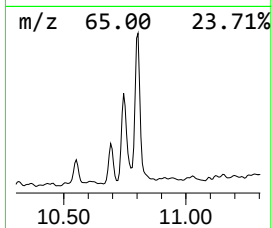
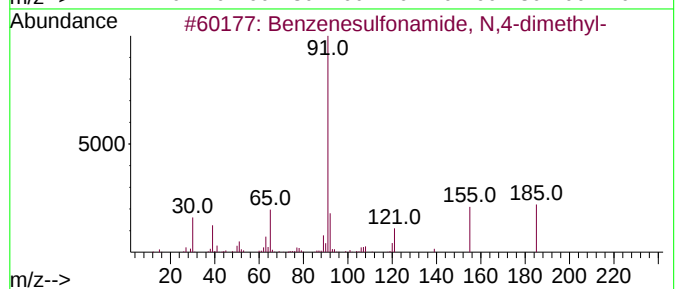
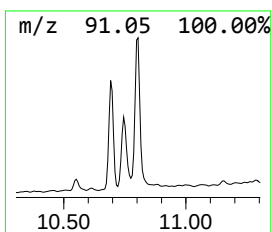
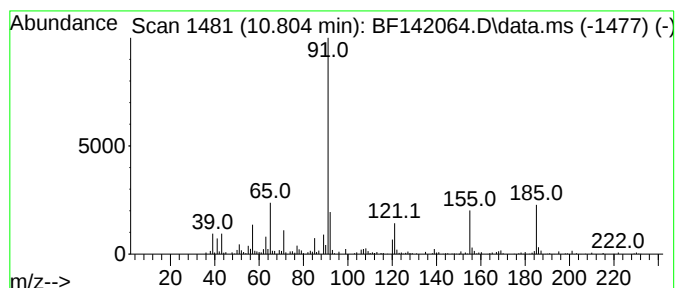
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Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.804	5.17 ng	192772	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	96
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	70
3	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	49
4	benzenesulfonamide, N-(cyanometh...	224	C10H12N2O2S	1000400-88-5	43
5	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	43



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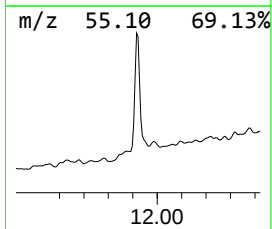
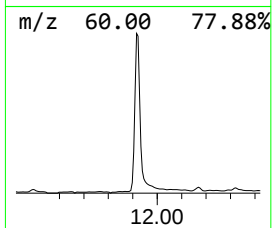
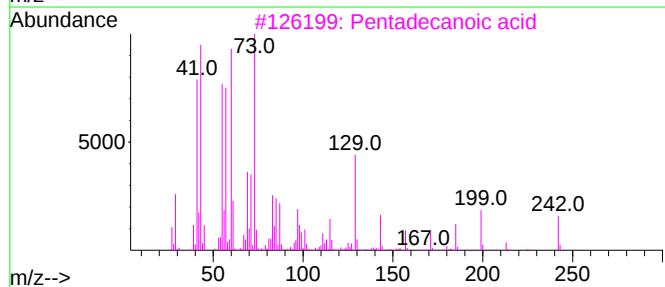
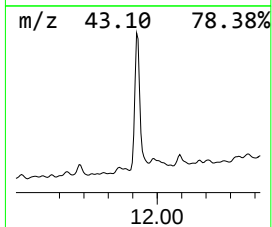
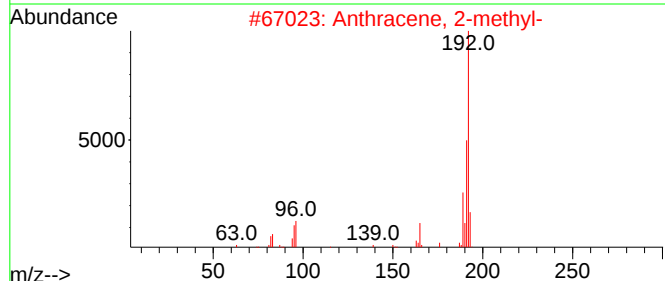
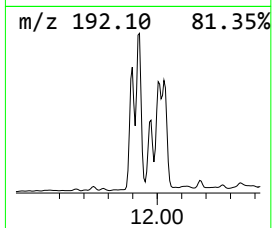
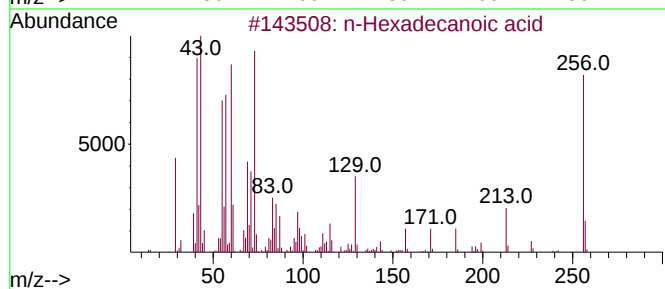
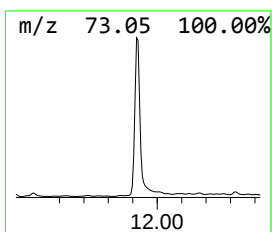
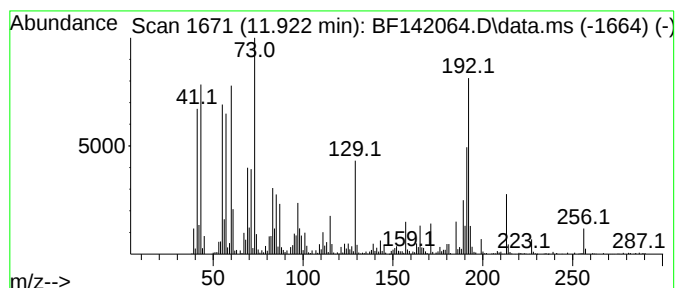
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.922	22.95 ng	855635	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	70
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	68
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	68



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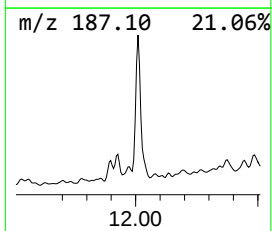
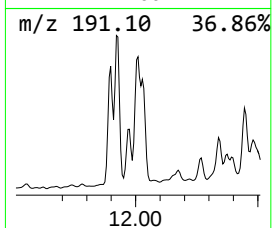
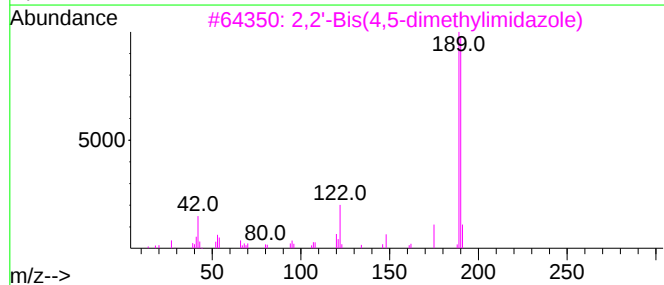
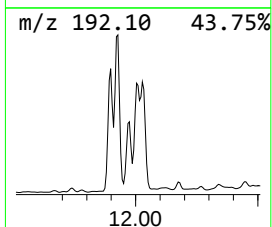
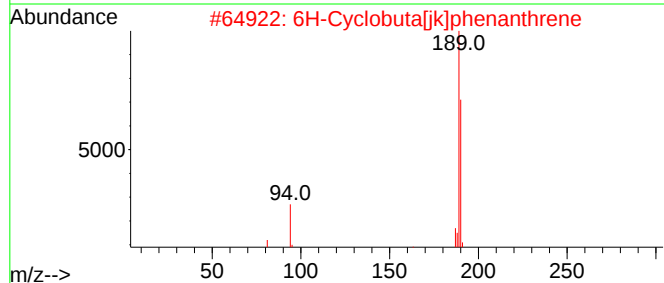
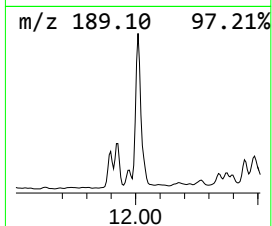
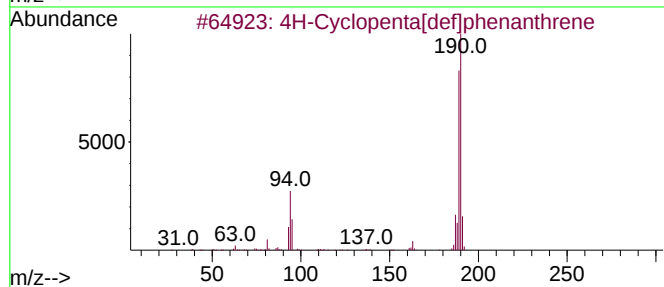
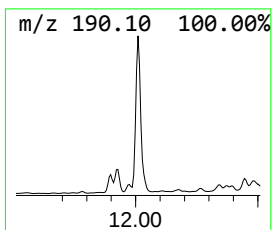
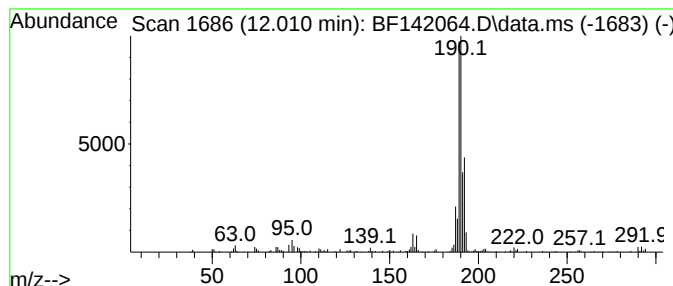
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	7.78 ng	290097	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
4		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
5		1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	32



Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

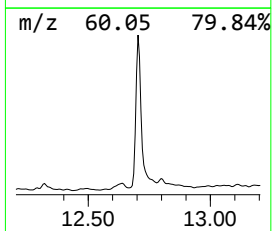
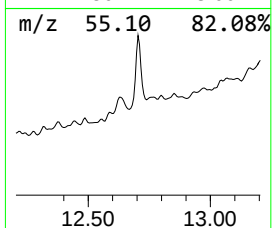
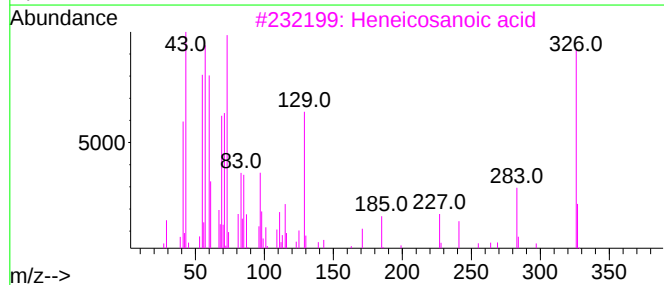
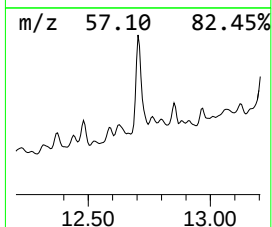
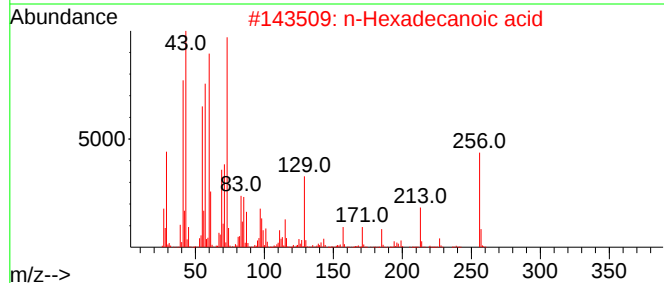
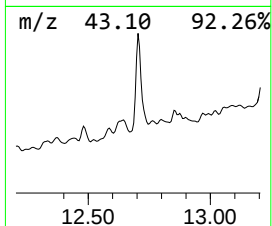
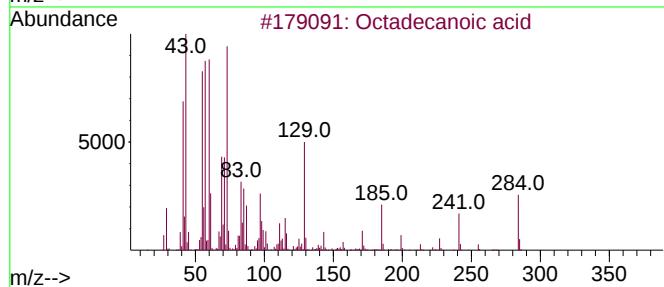
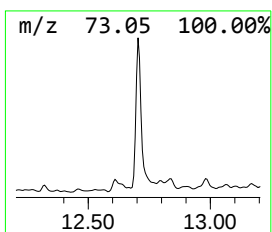
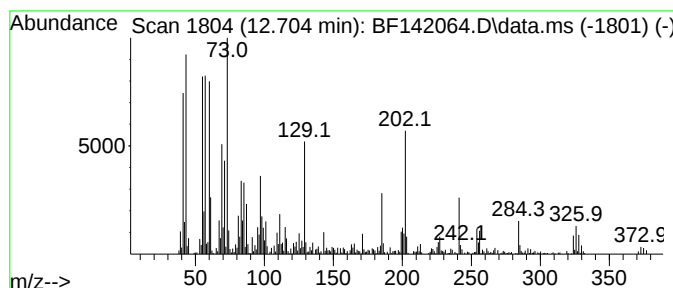
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	9.62 ng	358514	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Heneicosanoic acid	326	C21H42O2	002363-71-5	78
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142064.D
Acq On : 24 Mar 2025 19:53
Operator : RC/JU
Sample : Q1626-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1

Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.140	32.3	ng	1094440	1	6.875	678389	20.0
Biphenylene	9.769	2.0	ng	80965	3	9.910	806066	20.0
Benzophenone	10.622	6.3	ng	252722	3	9.910	806066	20.0
Benzenesulfonam...	10.804	5.2	ng	192772	4	11.392	745654	20.0
n-Hexadecanoic ...	11.922	22.9	ng	855635	4	11.392	745654	20.0
4H-Cyclopenta[d...	12.010	7.8	ng	290097	4	11.392	745654	20.0
Octadecanoic acid	12.704	9.6	ng	358514	4	11.392	745654	20.0