

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142134.D
 Acq On : 27 Mar 2025 19:44
 Operator : RC/JU
 Sample : Q1648-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	23	rVB	851656	1350520	33.24%	4.809%
2	5.093	498	510	524	rBV	148182	238607	5.87%	0.850%
3	5.487	571	577	597	rVB	2053198	2738083	67.40%	9.750%
4	6.493	741	748	767	rBV	2077330	2904880	71.50%	10.344%
5	6.869	807	812	817	rBV	771734	950279	23.39%	3.384%
6	7.428	901	907	917	rBV	1448708	1985486	48.87%	7.070%
7	7.687	946	951	958	rBV	30612	46858	1.15%	0.167%
8	7.898	982	987	992	rVB	57587	76150	1.87%	0.271%
9	8.151	1024	1030	1035	rBV	1022496	1331323	32.77%	4.741%
10	9.228	1206	1213	1224	rBV	3137604	4062517	100.00%	14.466%
11	9.904	1323	1328	1343	rVB	1284316	1670469	41.12%	5.948%
12	10.616	1444	1449	1457	rBV	262991	345526	8.51%	1.230%
13	10.692	1457	1462	1477	rVV	1602501	2077903	51.15%	7.399%
14	11.392	1576	1581	1590	rBV	1093644	1546708	38.07%	5.508%
15	11.916	1662	1670	1682	rBV3	60226	171664	4.23%	0.611%
16	12.416	1745	1755	1758	rBV	25039	49343	1.21%	0.176%
17	12.604	1783	1787	1791	rBV	156680	195046	4.80%	0.695%
18	12.698	1798	1803	1811	rBV	76311	161543	3.98%	0.575%
19	12.833	1820	1826	1830	rBV	127133	186856	4.60%	0.665%
20	12.874	1830	1833	1841	rVB4	25648	54599	1.34%	0.194%
21	12.974	1842	1850	1859	rBV	2199915	2934352	72.23%	10.449%
22	13.116	1869	1874	1879	rBV	45959	63642	1.57%	0.227%
23	13.551	1944	1948	1951	rBV3	24364	43811	1.08%	0.156%
24	13.874	1998	2003	2022	rBV4	132356	334816	8.24%	1.192%
25	14.033	2023	2030	2045	rVV	706602	1118293	27.53%	3.982%
26	14.192	2054	2057	2064	rVB	32852	49911	1.23%	0.178%
27	14.498	2105	2109	2115	rBV2	51252	86881	2.14%	0.309%
28	15.074	2203	2207	2215	rVV	64000	141668	3.49%	0.504%
29	15.145	2216	2219	2223	rVB	42695	53287	1.31%	0.190%
30	15.445	2266	2270	2275	rVV	46878	72016	1.77%	0.256%
31	15.510	2275	2281	2293	rVB	624336	1040007	25.60%	3.703%

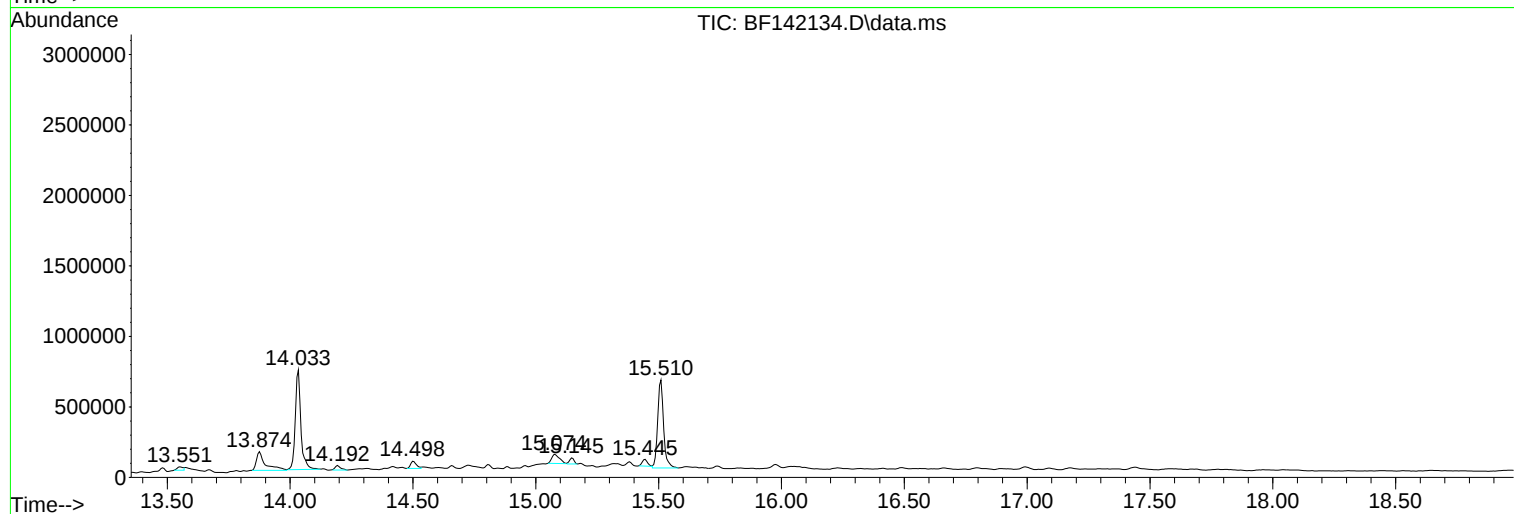
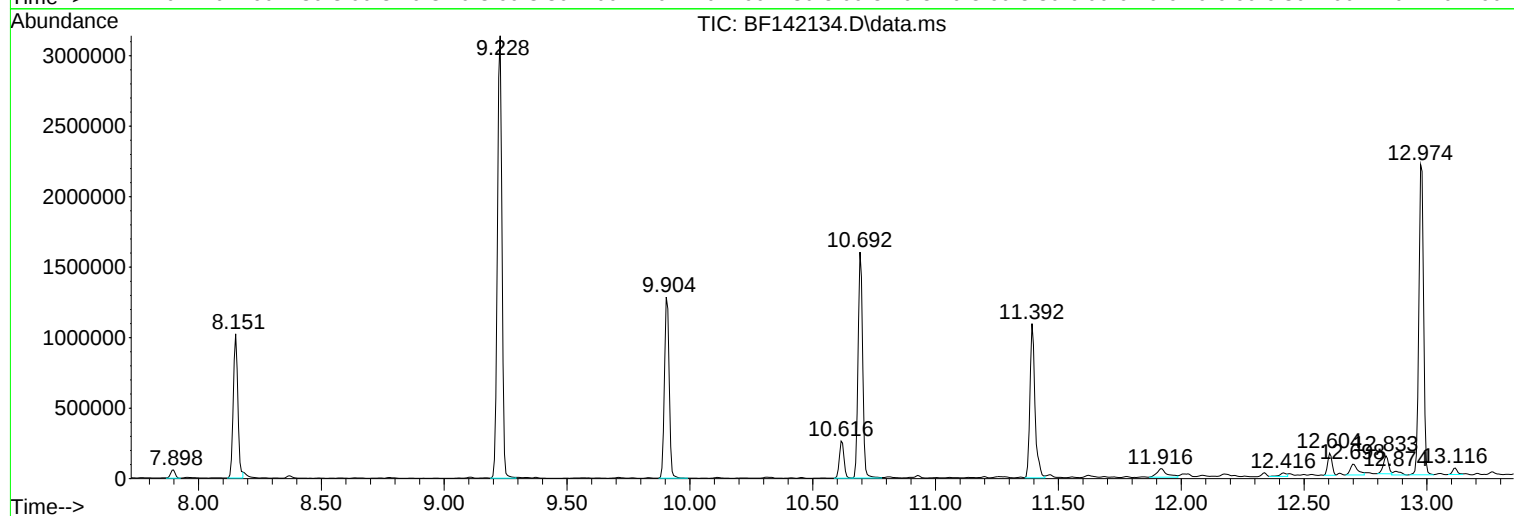
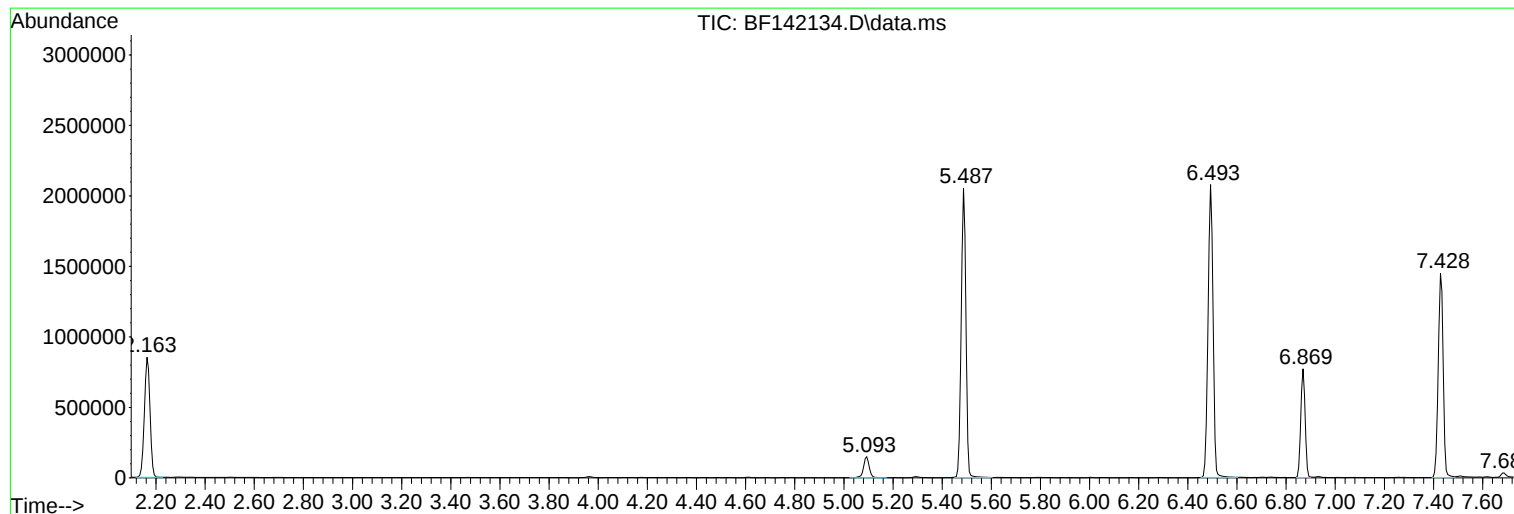
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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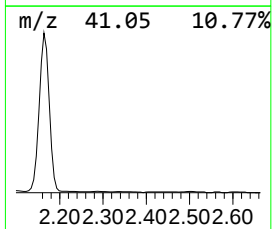
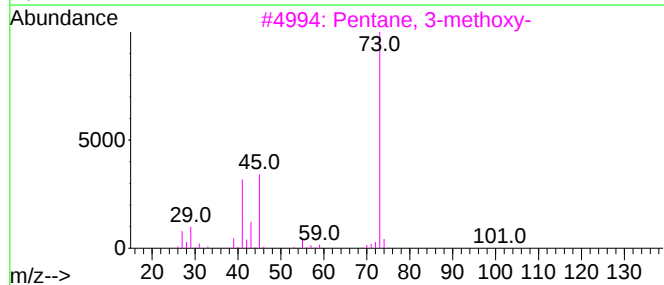
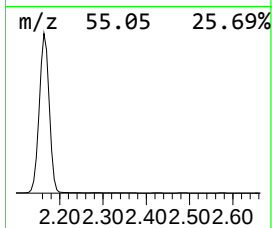
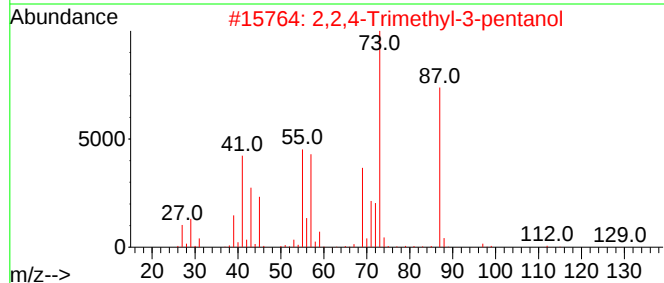
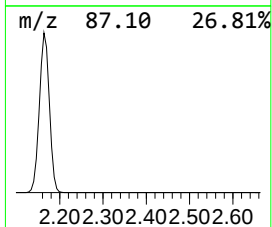
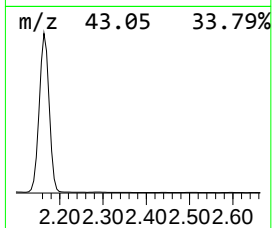
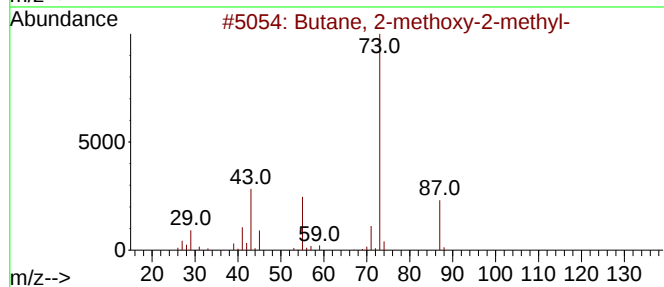
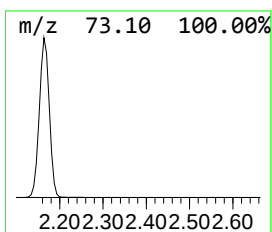
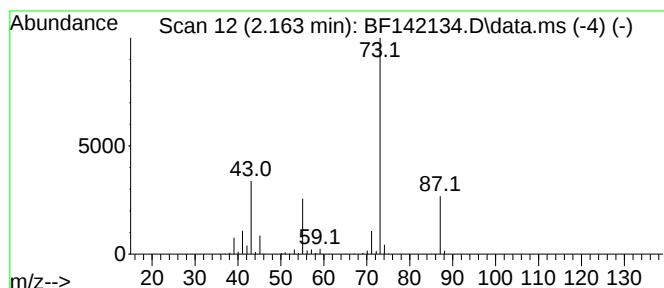
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	28.42 ng	1350520	1,4-Dichlorobenzene-d4	6.869

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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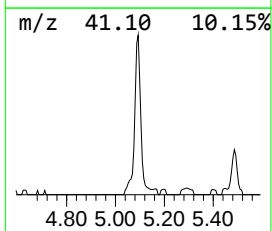
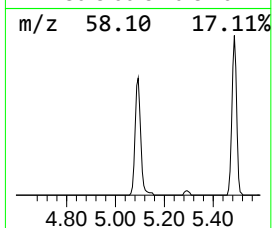
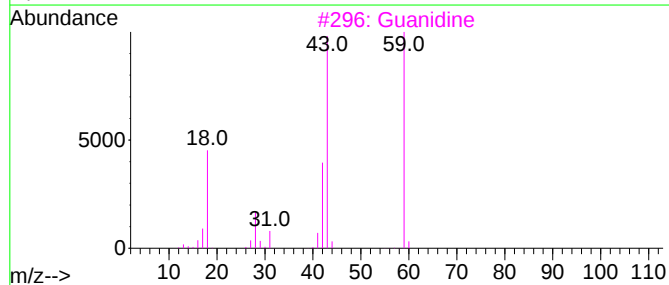
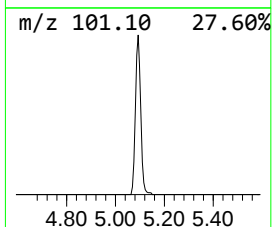
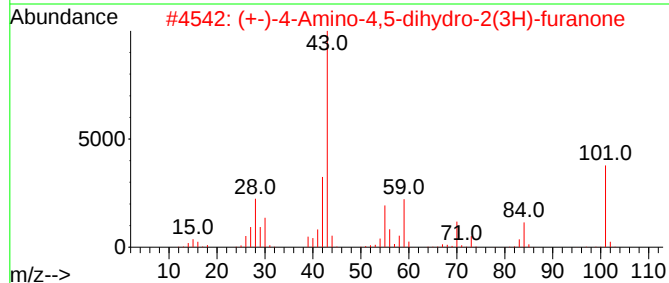
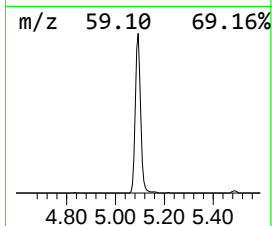
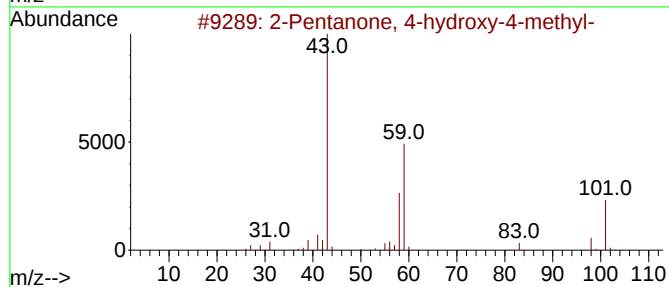
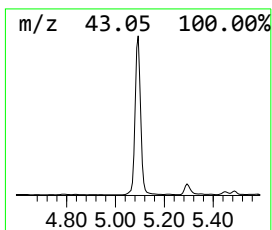
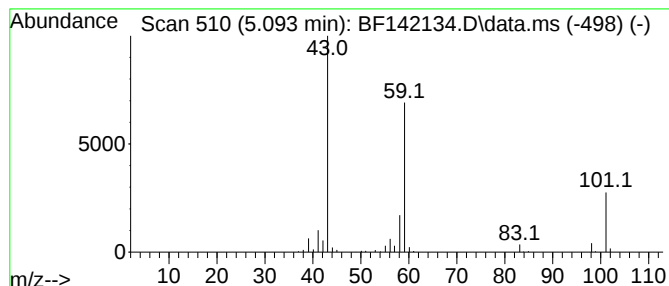
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.02 ng	238607	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	64
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3			Guanidine	59	CH5N3	000113-00-8	37
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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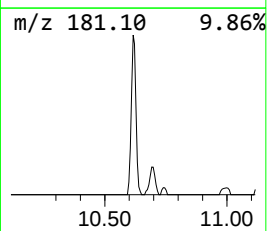
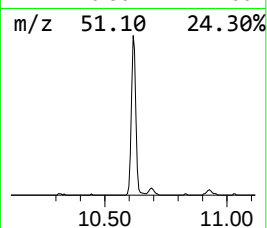
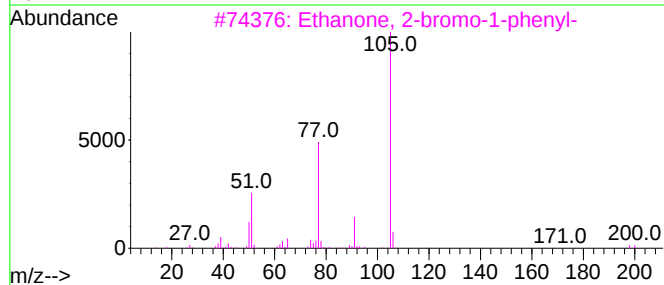
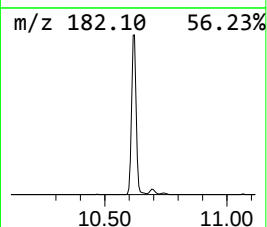
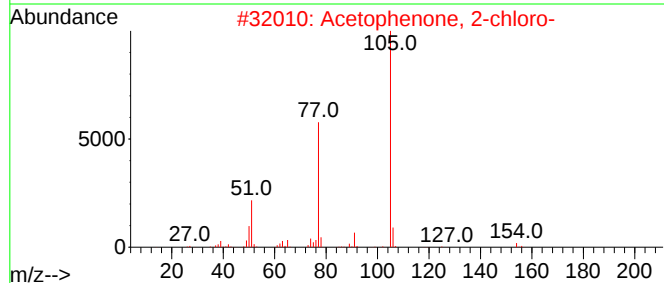
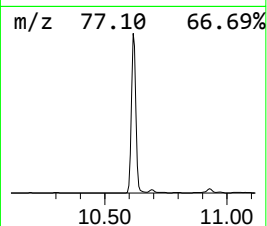
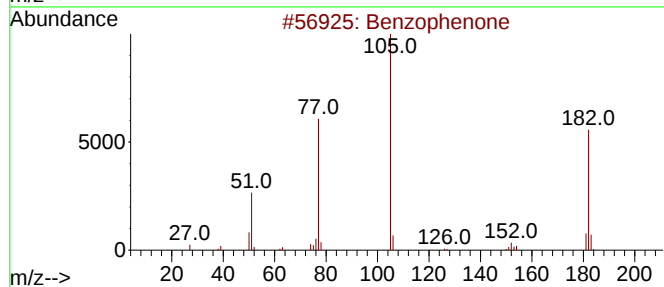
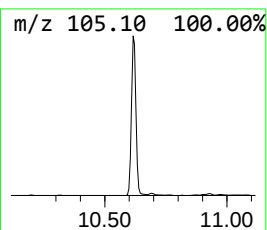
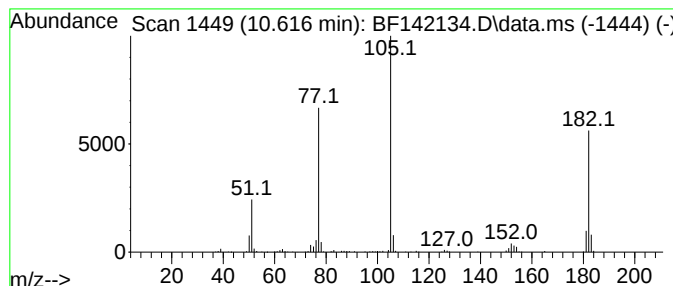
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.14 ng	345526	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



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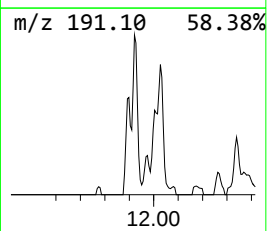
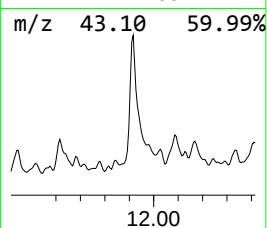
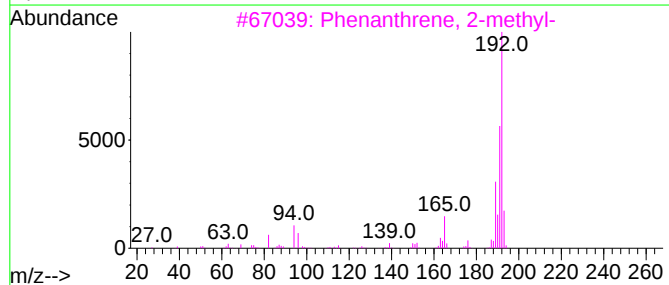
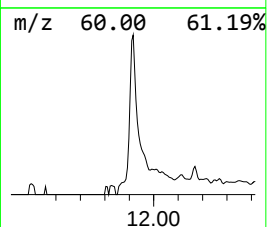
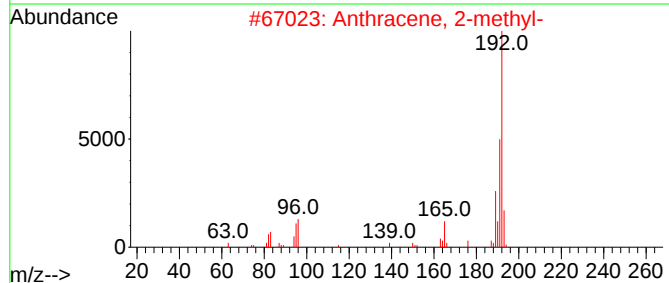
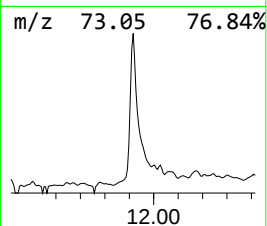
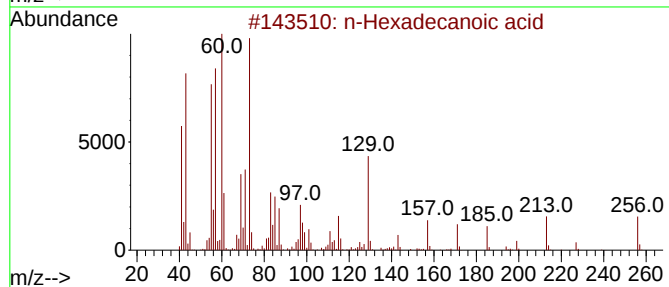
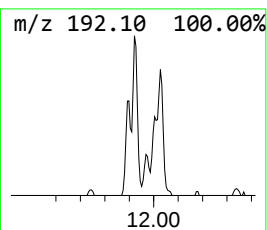
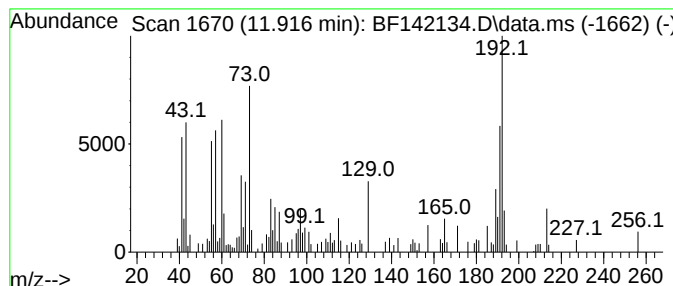
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	2.22 ng	171664	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	89
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	86
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	84
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	83



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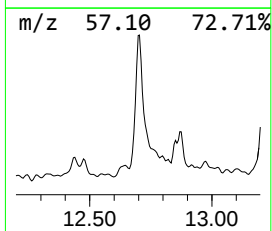
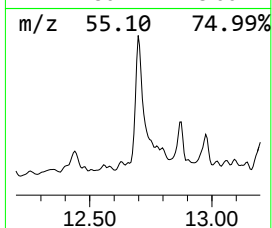
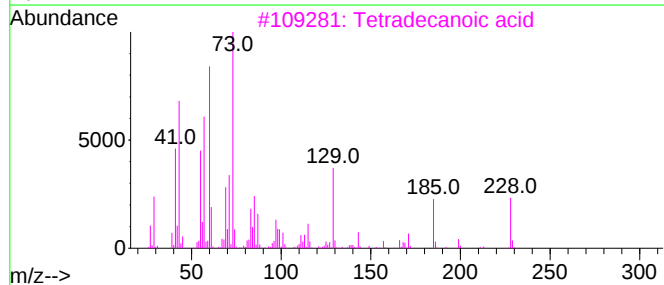
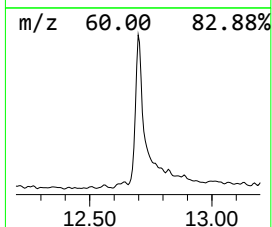
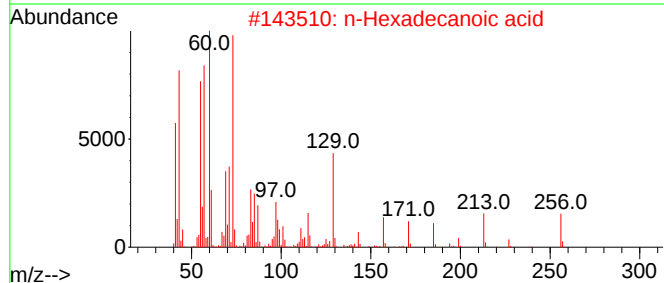
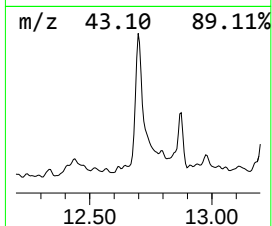
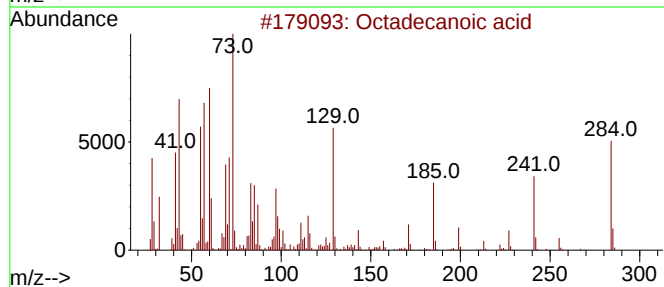
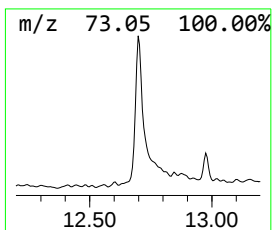
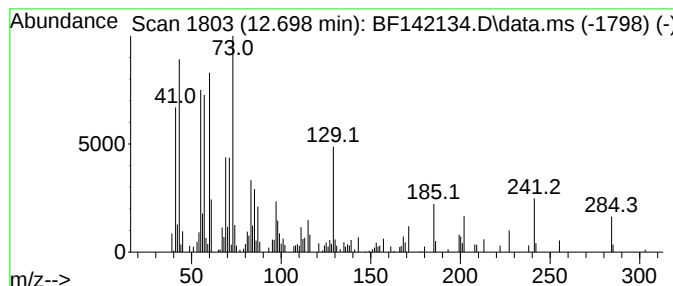
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.698	2.09 ng	161543	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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80



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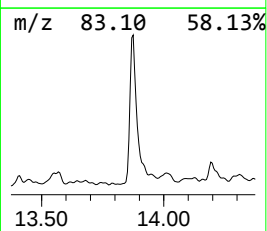
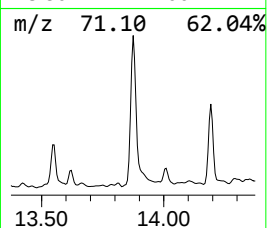
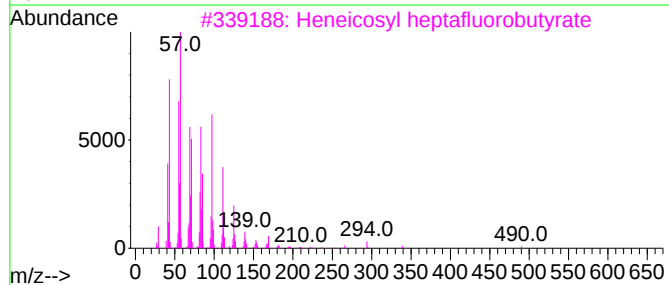
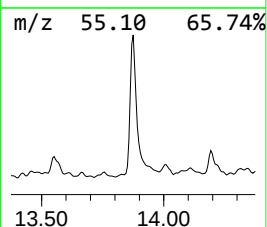
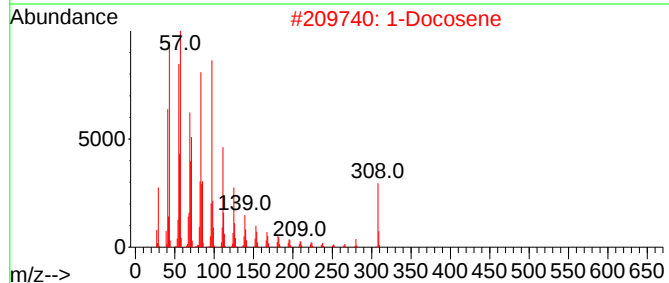
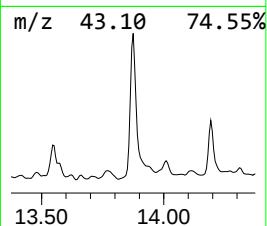
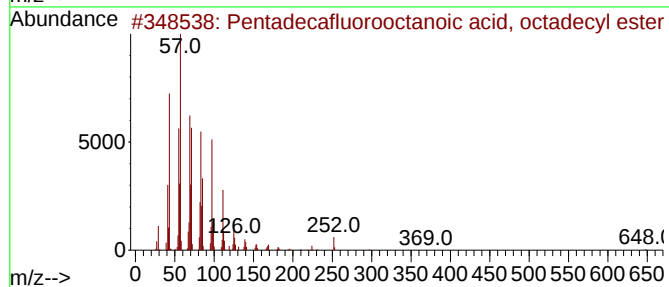
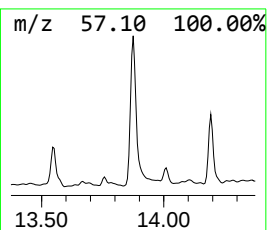
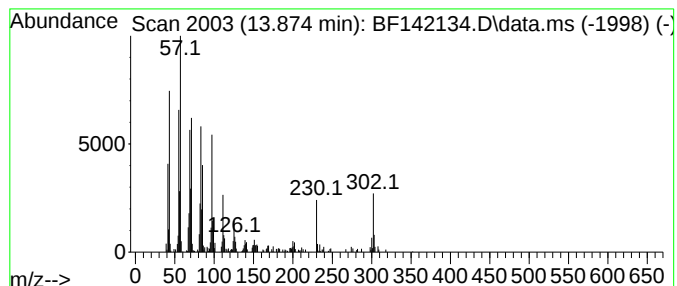
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.99 ng	334816	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2			1-Docosene	308	C22H44	001599-67-3	92
3			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	90
4			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	89
5			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142134.D
Acq On : 27 Mar 2025 19:44
Operator : RC/JU
Sample : Q1648-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

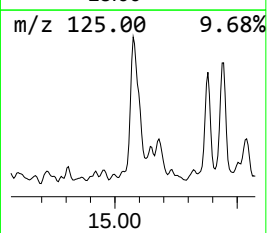
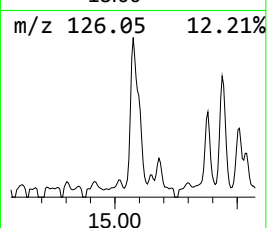
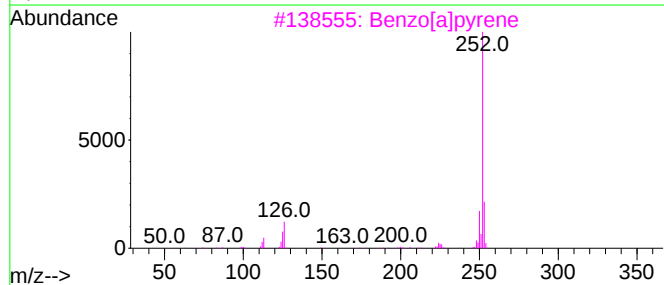
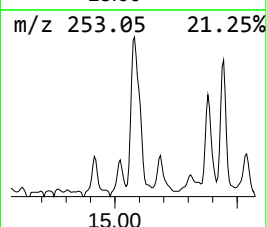
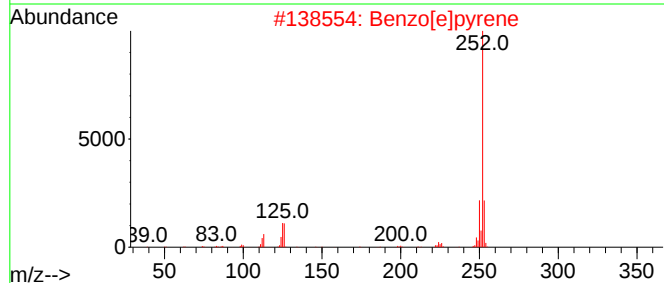
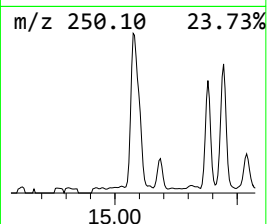
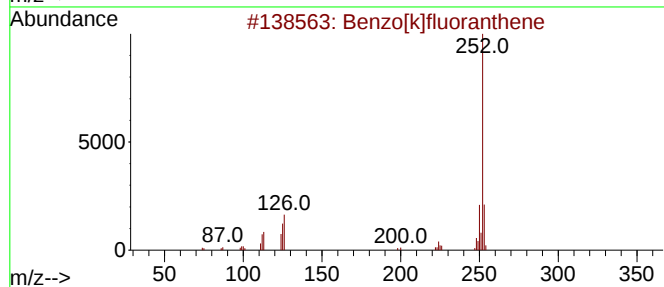
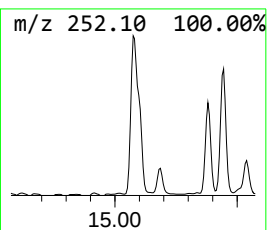
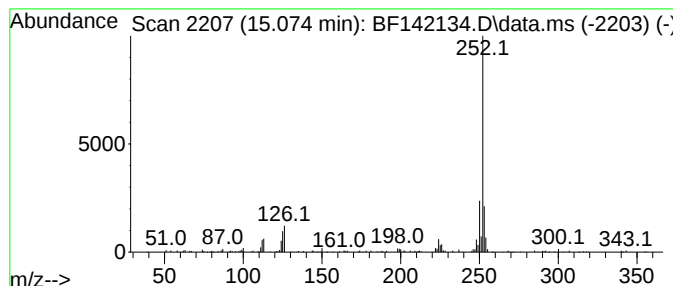
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.074	2.72 ng	141668	Perylene-d12	15.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Benzo[e]pyrene	252	C20H12	000192-97-2	94
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142134.D
Acq On : 27 Mar 2025 19:44
Operator : RC/JU
Sample : Q1648-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\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...	2.163	28.4	ng	1350520	1	6.869	950279	20.0
2-Pentanone, 4-...	5.093	5.0	ng	238607	1	6.869	950279	20.0
Benzophenone	10.616	4.1	ng	345526	3	9.904	1670470	20.0
n-Hexadecanoic ...	11.916	2.2	ng	171664	4	11.392	1546710	20.0
Octadecanoic acid	12.698	2.1	ng	161543	4	11.392	1546710	20.0
Pentadecafluoro...	13.874	6.0	ng	334816	5	14.033	1118290	20.0
Benzo[e]pyrene	15.074	2.7	ng	141668	6	15.510	1040010	20.0