

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142505.D
 Acq On : 22 May 2025 12:42
 Operator : RC/JU
 Sample : Q2074-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	487	497	505	rBV	145120	216940	10.38%	1.347%
2	5.516	558	565	570	rBV	1370620	1868576	89.44%	11.604%
3	6.516	729	735	747	rBV	1405806	1933860	92.56%	12.010%
4	6.898	794	800	805	rBV	476691	596304	28.54%	3.703%
5	7.457	888	895	900	rBV	917897	1198158	57.35%	7.441%
6	7.710	933	938	946	rVB	32605	41225	1.97%	0.256%
7	8.181	1012	1018	1033	rBV	610616	780360	37.35%	4.846%
8	8.392	1050	1054	1060	rVB	18149	22463	1.08%	0.140%
9	9.251	1195	1200	1205	rBV	1662941	2089292	100.00%	12.975%
10	9.934	1311	1316	1321	rBV	713571	878893	42.07%	5.458%
11	10.645	1432	1437	1445	rVB	213987	266543	12.76%	1.655%
12	10.722	1445	1450	1455	rBV	1196776	1520826	72.79%	9.445%
13	10.957	1483	1490	1495	rBV2	22016	28037	1.34%	0.174%
14	11.422	1564	1569	1576	rBV	710008	876220	41.94%	5.442%
15	11.945	1651	1658	1674	rBV	241410	392241	18.77%	2.436%
16	12.198	1697	1701	1708	rVB3	15235	21034	1.01%	0.131%
17	12.445	1734	1743	1750	rBV3	18398	44230	2.12%	0.275%
18	12.727	1786	1791	1801	rBV2	38787	70677	3.38%	0.439%
19	13.010	1833	1839	1844	rBV	1308027	1676428	80.24%	10.411%
20	13.198	1865	1871	1882	rBV	27123	52341	2.51%	0.325%
21	13.810	1969	1975	1985	rBV	29356	52415	2.51%	0.326%
22	13.904	1986	1991	2004	rBV	38993	86800	4.15%	0.539%
23	14.063	2009	2018	2028	rVB	404749	565321	27.06%	3.511%
24	14.316	2056	2061	2069	rBV	37229	60545	2.90%	0.376%
25	14.780	2134	2140	2145	rBV	35173	60506	2.90%	0.376%
26	14.921	2160	2164	2171	rVB2	16478	24562	1.18%	0.153%
27	15.286	2221	2226	2232	rVB	26821	47003	2.25%	0.292%
28	15.557	2265	2272	2281	rVB	349024	569631	27.26%	3.538%
29	15.845	2316	2321	2330	rVB	19602	38152	1.83%	0.237%
30	16.504	2429	2433	2438	rVB2	12455	22866	1.09%	0.142%

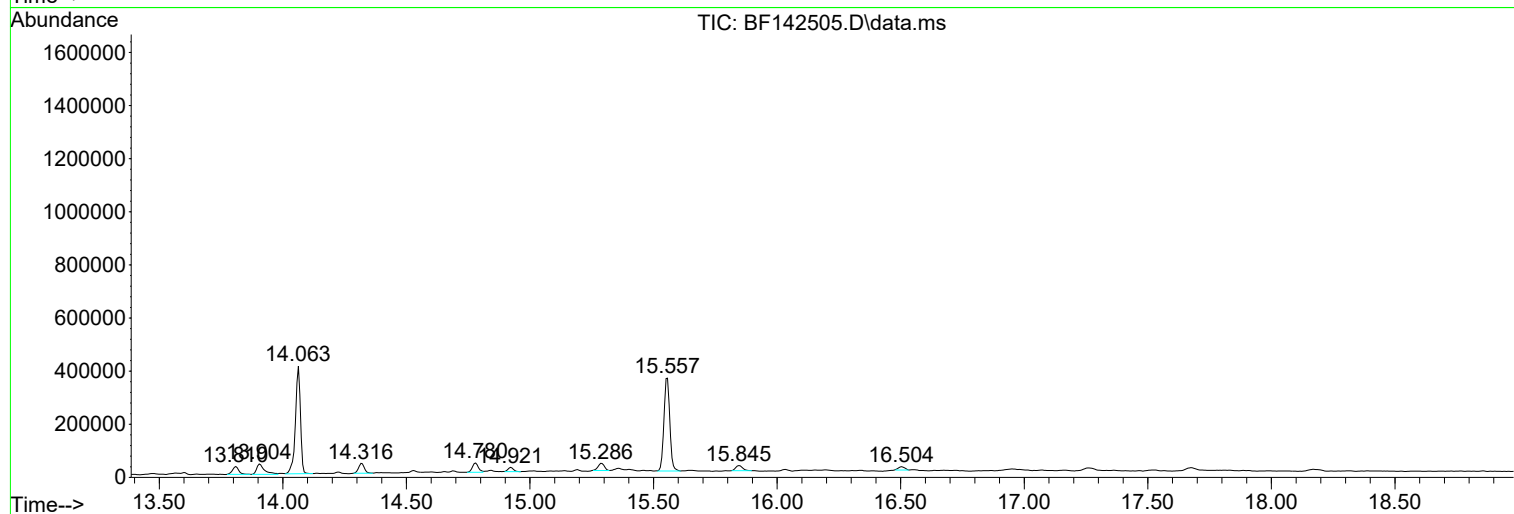
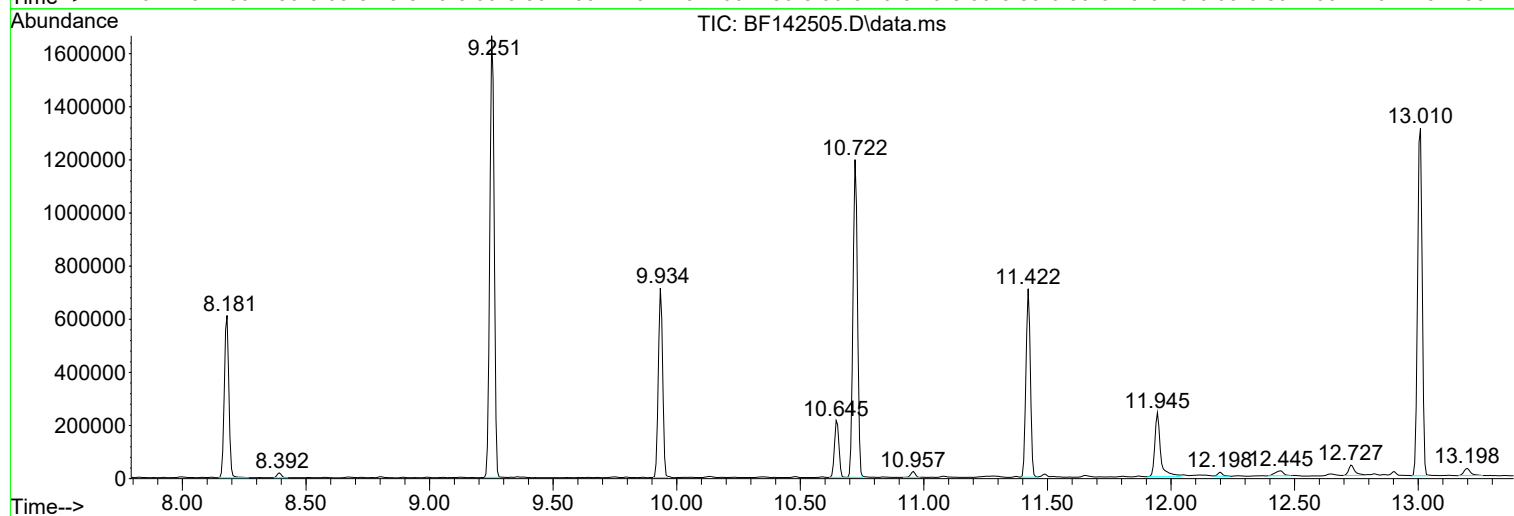
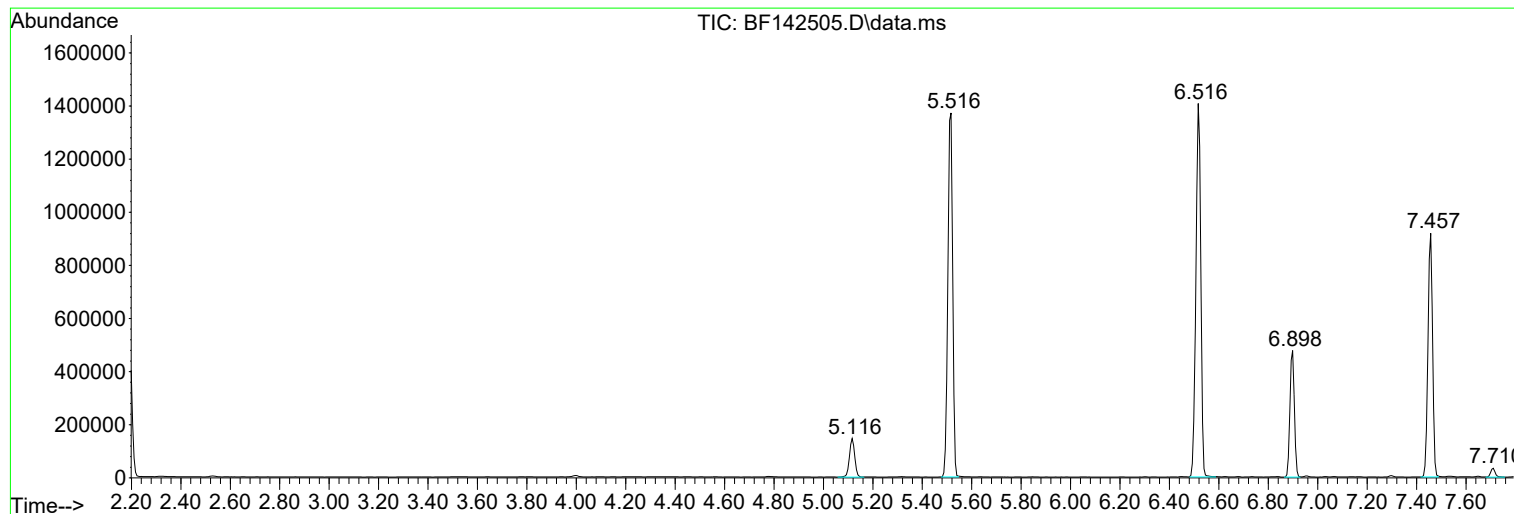
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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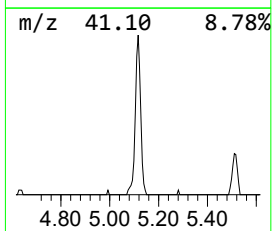
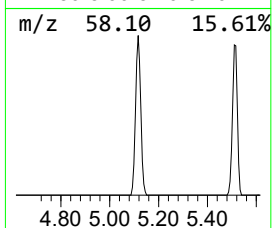
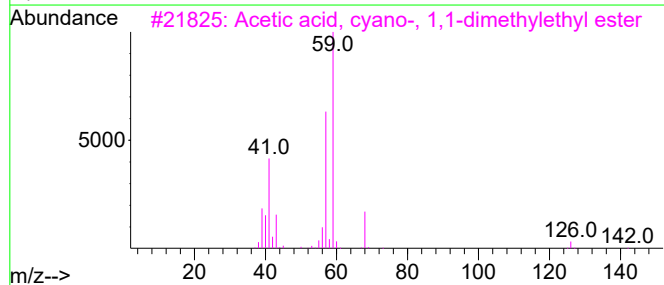
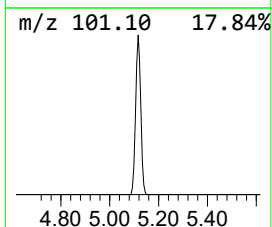
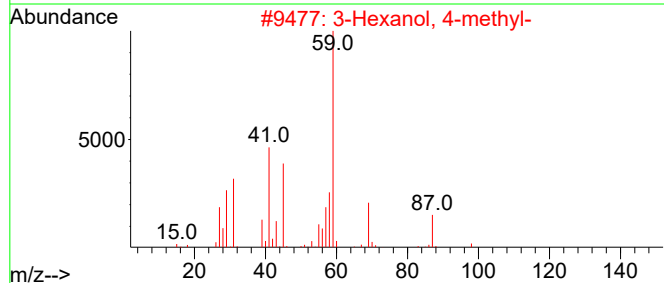
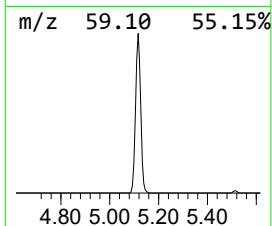
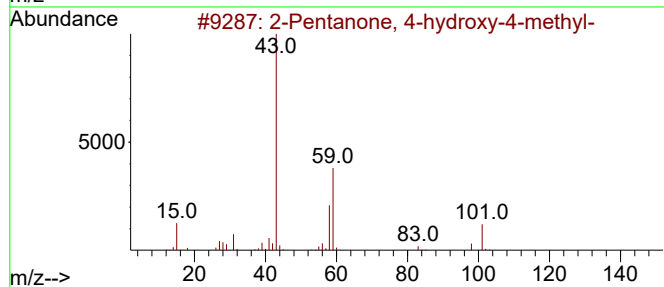
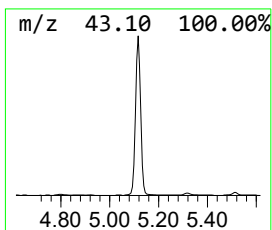
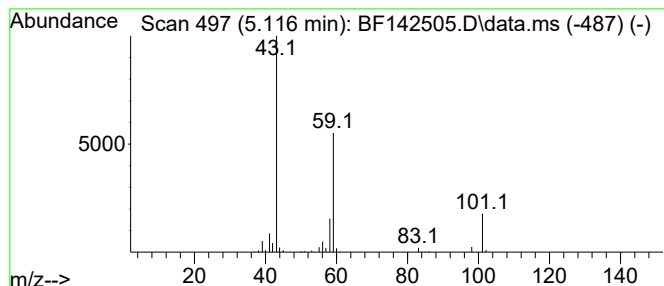
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	7.28 ng	216940	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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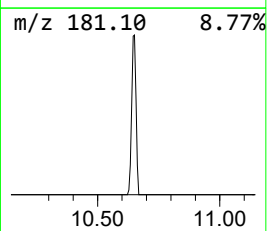
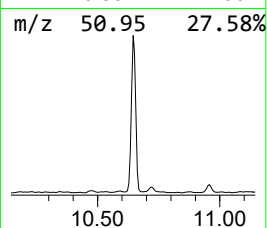
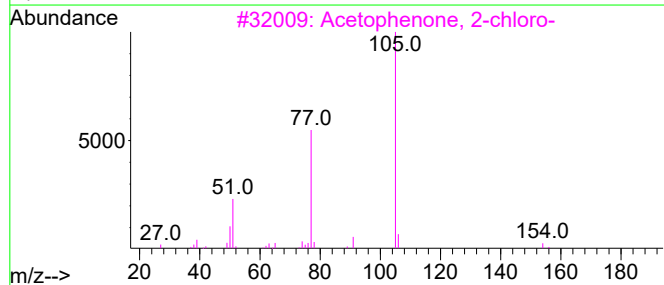
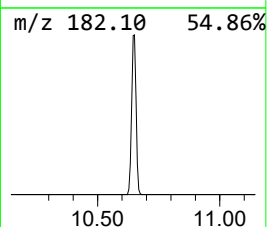
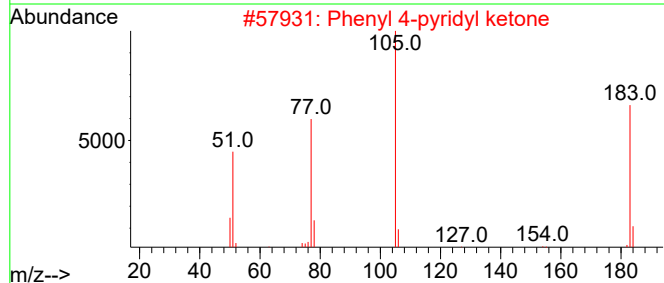
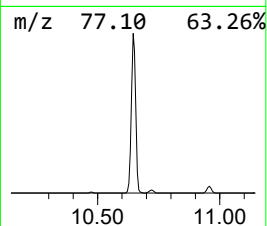
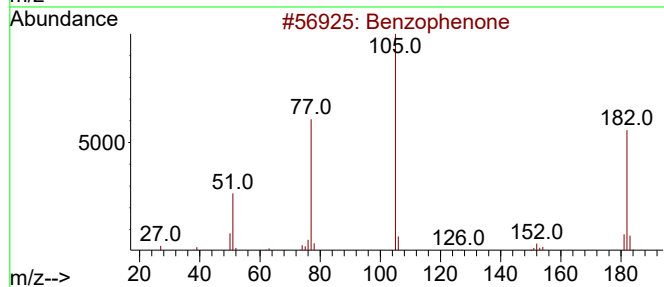
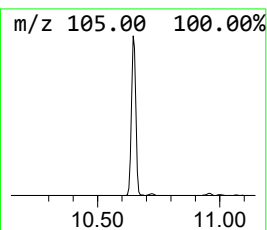
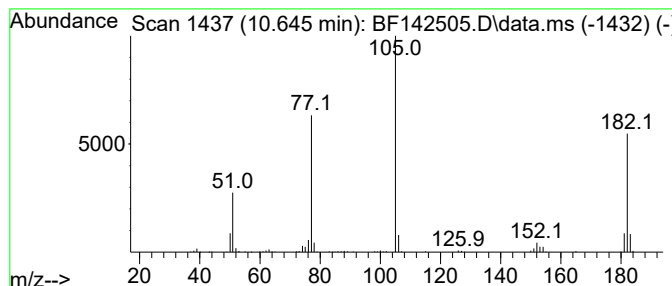
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	6.07 ng	266543	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



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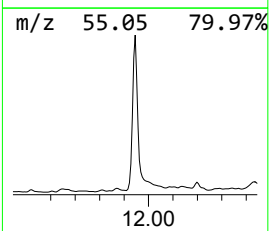
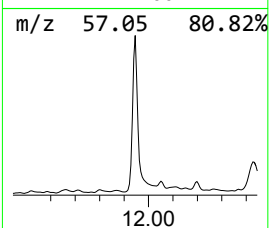
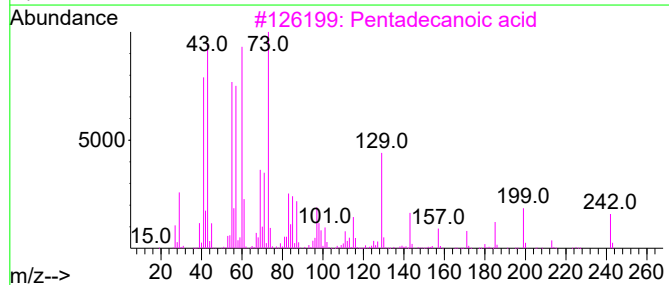
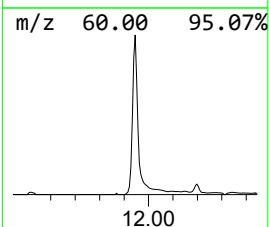
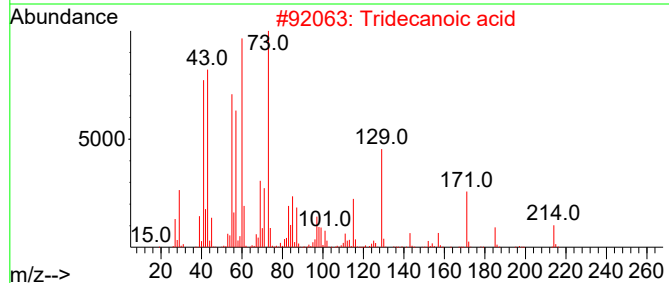
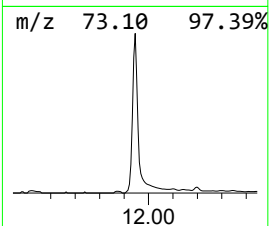
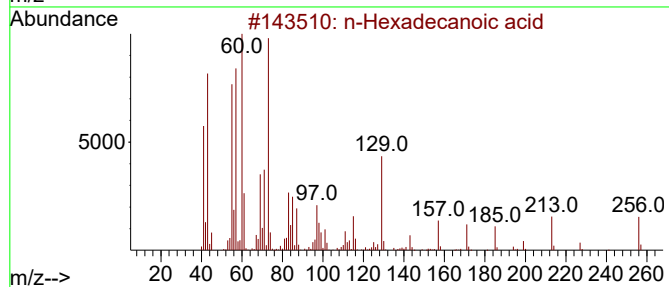
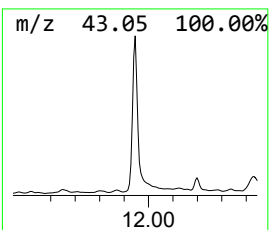
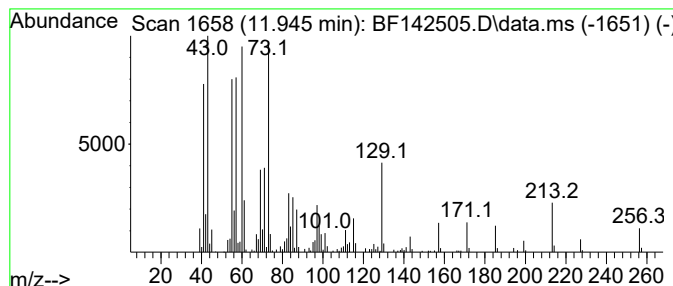
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	8.95 ng	392241	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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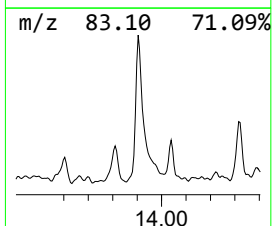
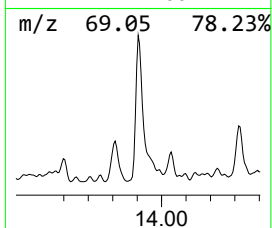
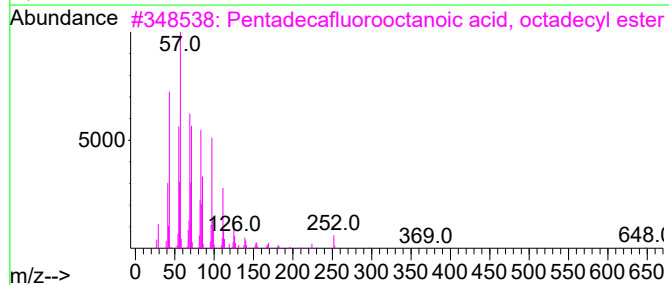
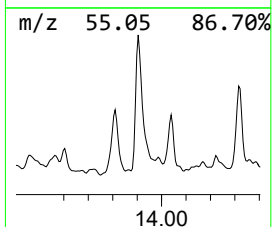
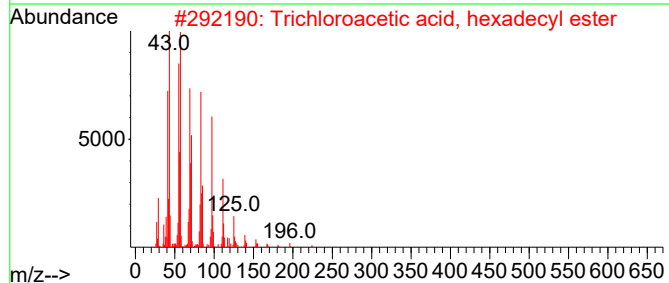
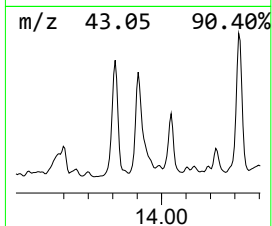
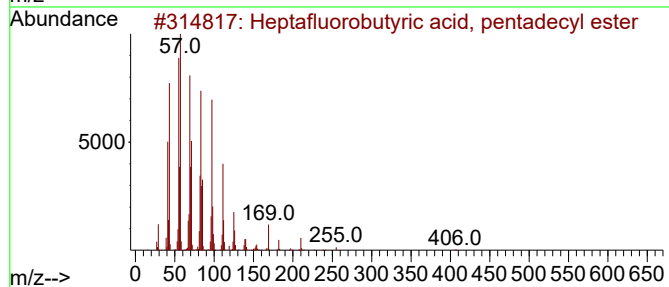
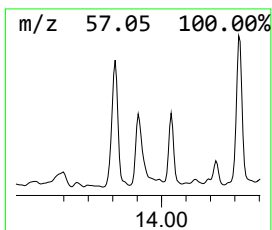
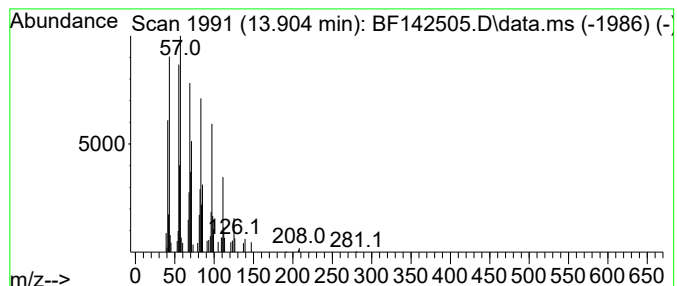
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Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.07 ng	86800	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



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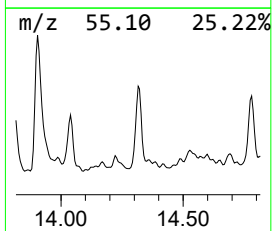
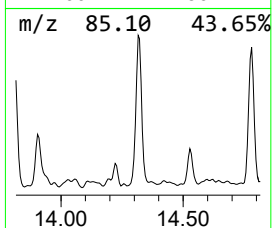
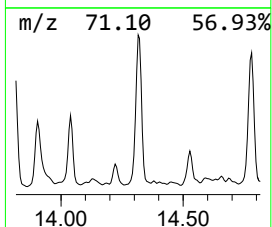
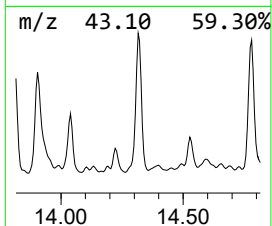
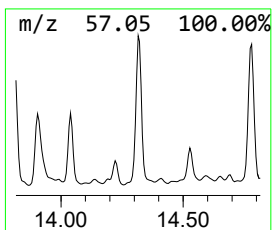
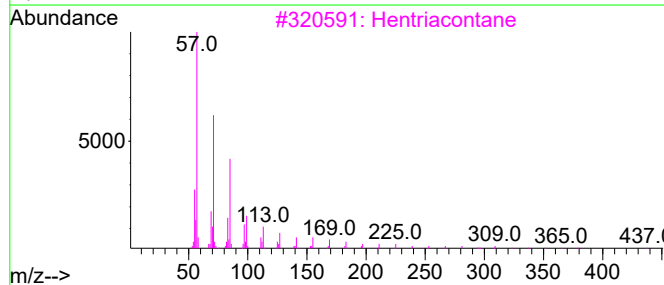
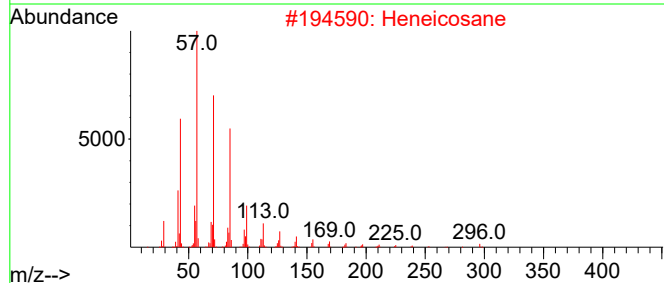
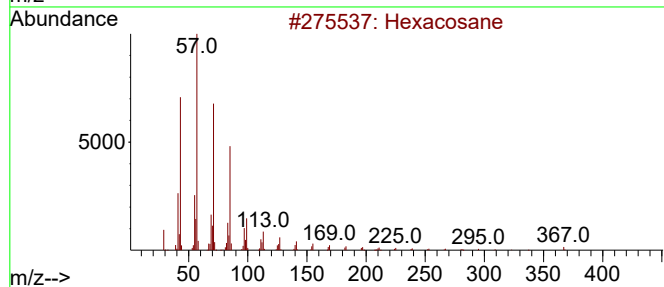
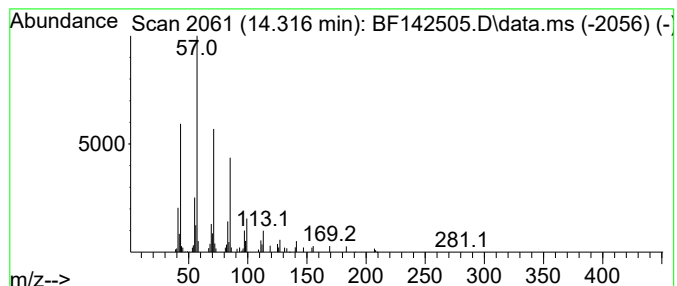
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Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.316	2.14 ng	60545	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hentriacontane		437	C31H64	000630-04-6	91
4	Octacosane, 2-methyl-		408	C29H60	001560-98-1	91
5	Octacosane		394	C28H58	000630-02-4	90



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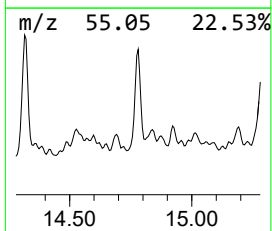
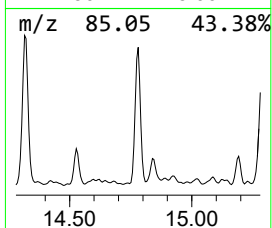
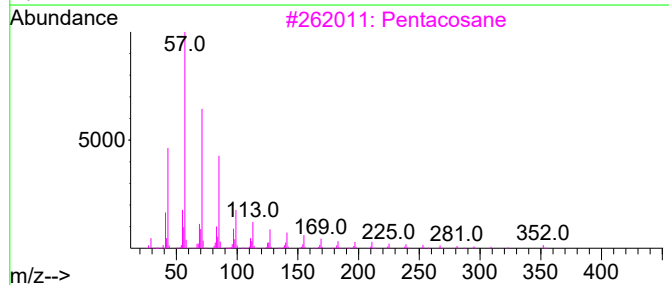
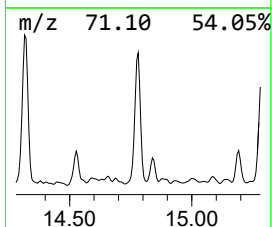
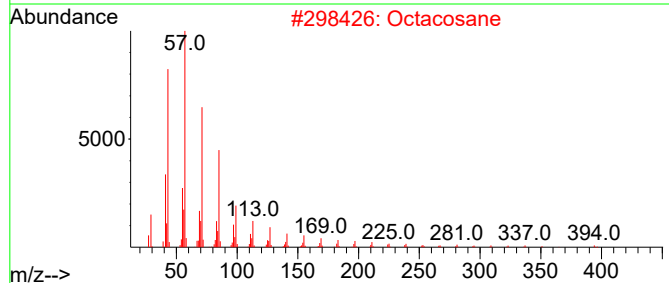
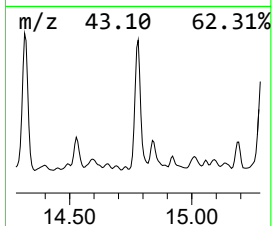
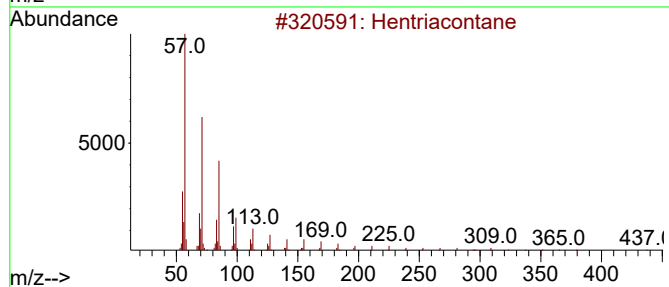
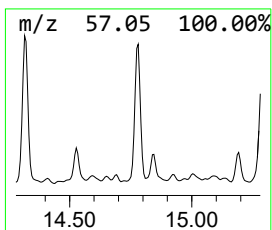
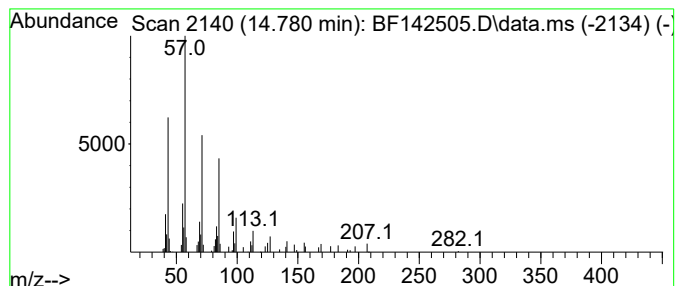
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	2.14 ng	60506	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142505.D
Acq On : 22 May 2025 12:42
Operator : RC/JU
Sample : Q2074-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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-...	5.116	7.3	ng	216940	1	6.898	596304	20.0
Benzophenone	10.645	6.1	ng	266543	3	9.934	878893	20.0
n-Hexadecanoic ...	11.945	8.9	ng	392241	4	11.422	876220	20.0
Heptafluorobuty...	13.904	3.1	ng	86800	5	14.063	565321	20.0
Hexacosane	14.316	2.1	ng	60545	5	14.063	565321	20.0
Hentriacontane	14.780	2.1	ng	60506	5	14.063	565321	20.0