

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143410.D
 Acq On : 15 Aug 2025 09:17
 Operator : RC/JU
 Sample : Q2815-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-88H-N

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-BF081225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	24	rBV	2507570	4097757	100.00%	14.874%
2	5.163	497	505	523	rBV	272601	412383	10.06%	1.497%
3	5.569	568	574	590	rBV	1997837	2647787	64.62%	9.611%
4	6.563	737	743	756	rBV	1653676	2260471	55.16%	8.205%
5	6.934	801	806	813	rBV	658946	825959	20.16%	2.998%
6	7.492	894	901	912	rBV	1606830	2270418	55.41%	8.241%
7	8.210	1018	1023	1040	rVB	791361	1070788	26.13%	3.887%
8	9.286	1200	1206	1211	rBV	2978078	3829028	93.44%	13.899%
9	9.969	1317	1322	1334	rBV	910874	1141030	27.85%	4.142%
10	10.680	1438	1443	1451	rBV	332732	423232	10.33%	1.536%
11	10.757	1451	1456	1472	rBV	1570860	2088772	50.97%	7.582%
12	10.986	1491	1495	1501	rVB	39571	52877	1.29%	0.192%
13	11.457	1569	1575	1589	rBV	737158	977392	23.85%	3.548%
14	11.980	1659	1664	1679	rBV2	95719	188772	4.61%	0.685%
15	12.533	1752	1758	1769	rVB4	16776	46025	1.12%	0.167%
16	12.857	1808	1813	1818	rVB	52283	65422	1.60%	0.237%
17	13.039	1838	1844	1849	rBV	2260423	2906370	70.93%	10.550%
18	13.269	1878	1883	1892	rBV	34040	83741	2.04%	0.304%
19	13.610	1937	1941	1948	rVB	30264	48482	1.18%	0.176%
20	13.939	1993	1997	2015	rBV4	60920	218964	5.34%	0.795%
21	14.068	2015	2019	2020	rVV	119657	129960	3.17%	0.472%
22	14.098	2020	2024	2035	rVB	476650	671890	16.40%	2.439%
23	14.251	2047	2050	2055	rVB	37543	45827	1.12%	0.166%
24	14.557	2099	2102	2106	rVB	35133	41487	1.01%	0.151%
25	14.868	2152	2155	2162	rVB	33203	44832	1.09%	0.163%
26	14.951	2165	2169	2177	rVB	38174	54845	1.34%	0.199%
27	15.215	2211	2214	2221	rVB	32681	49507	1.21%	0.180%
28	15.592	2272	2278	2287	rBV	511905	855412	20.88%	3.105%

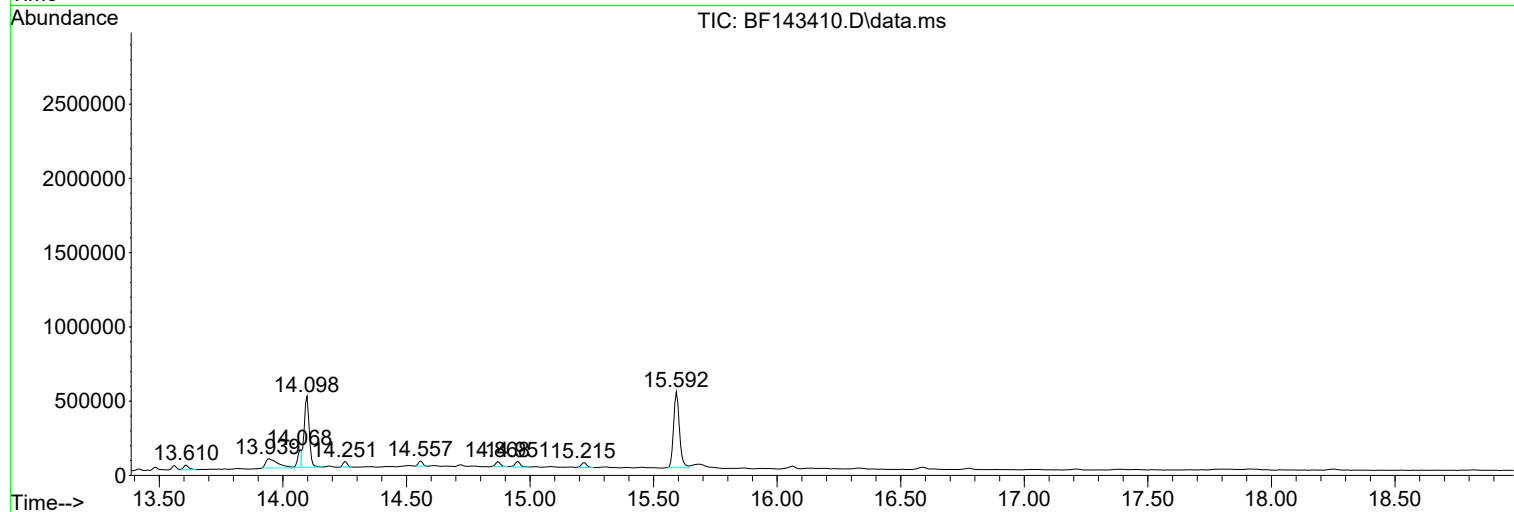
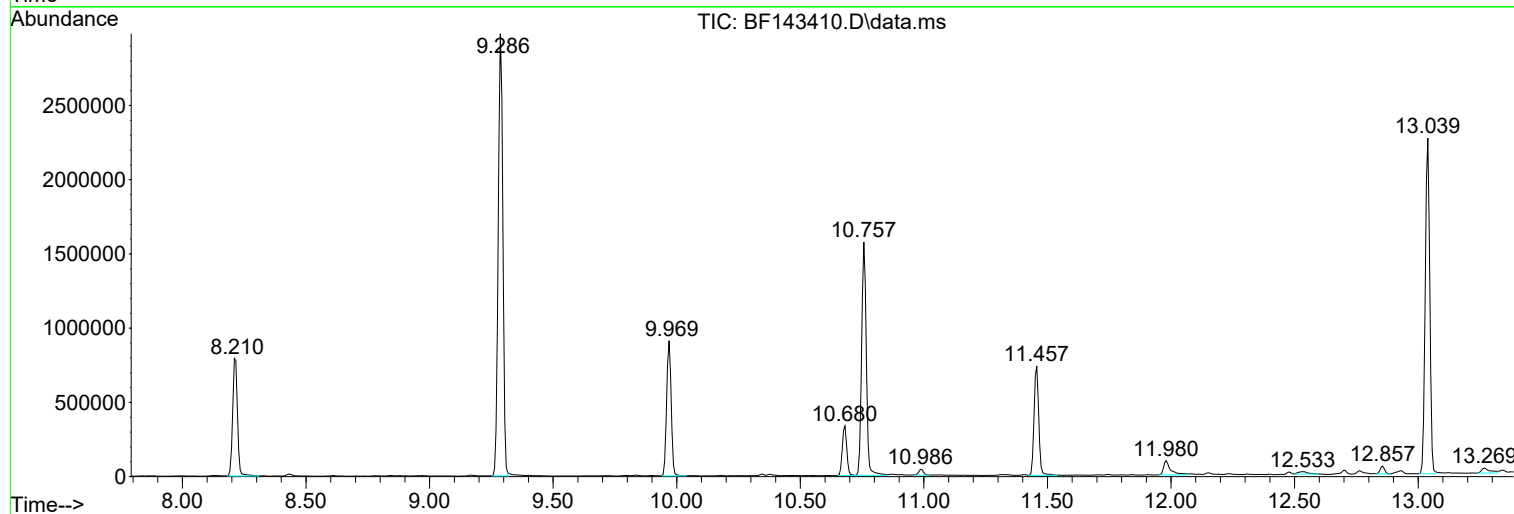
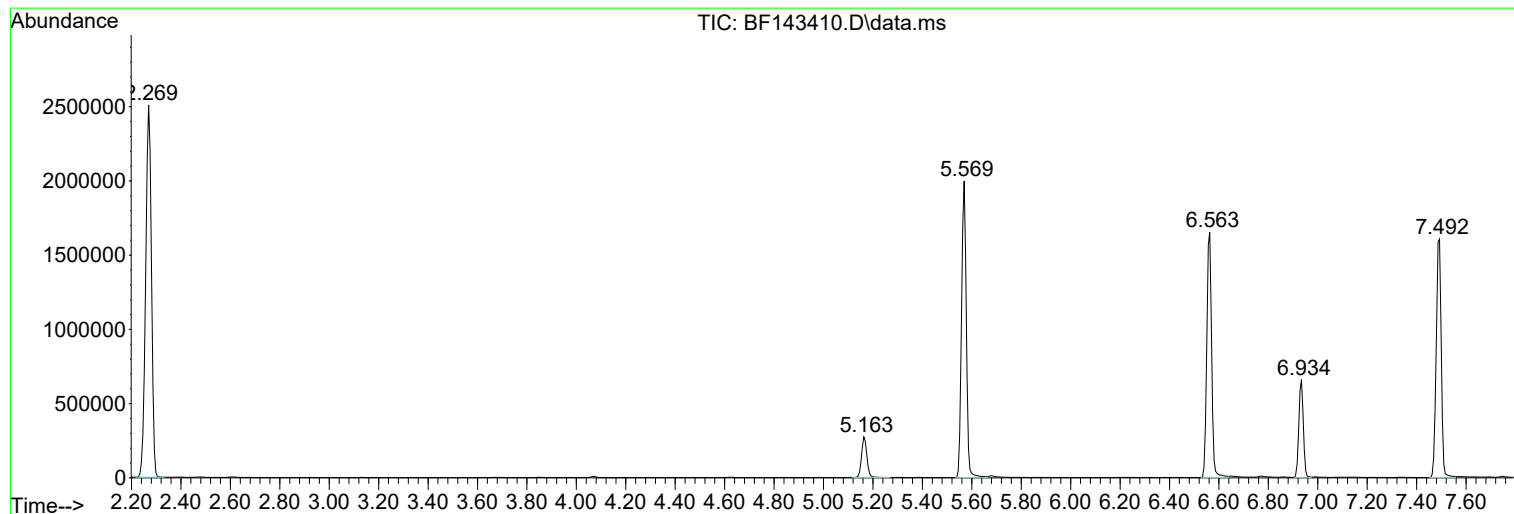
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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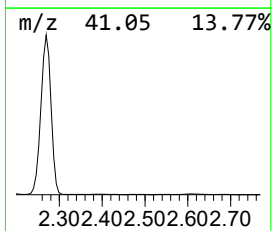
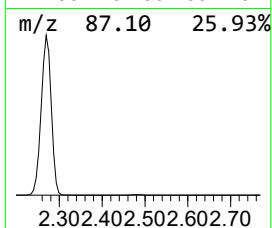
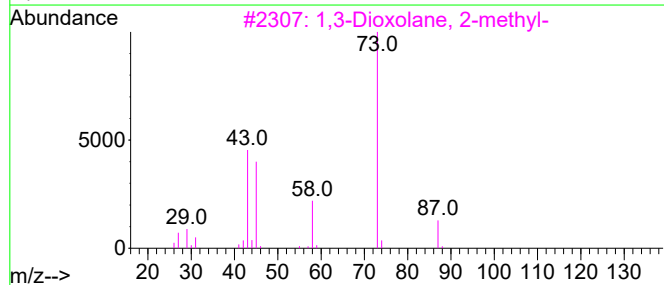
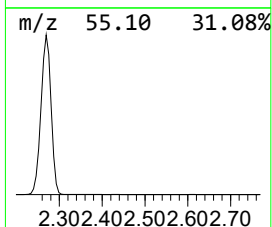
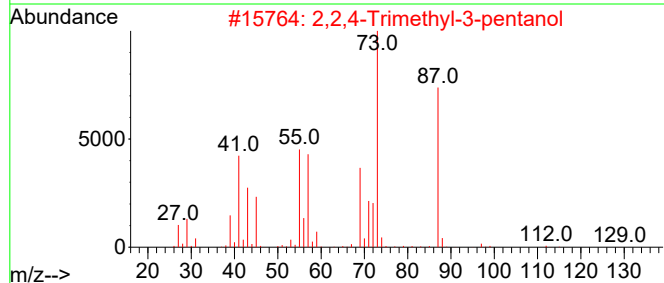
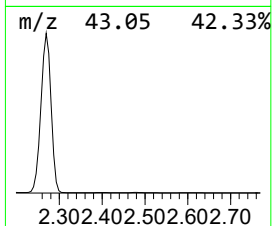
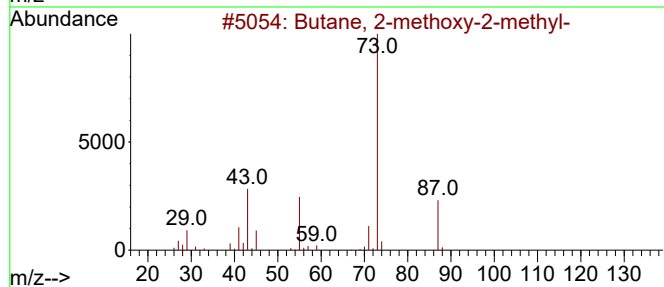
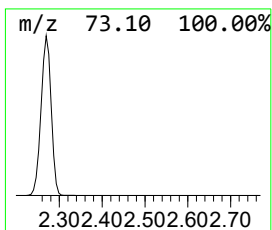
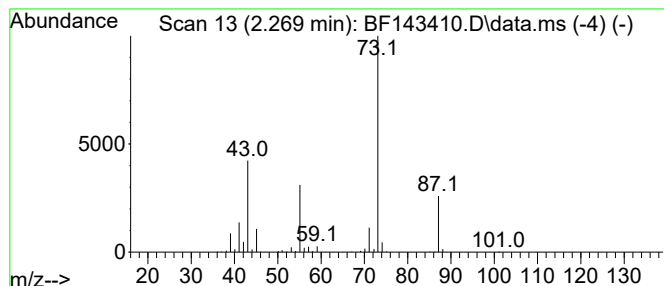
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.269	99.22 ng	4097760	1,4-Dichlorobenzene-d4	6.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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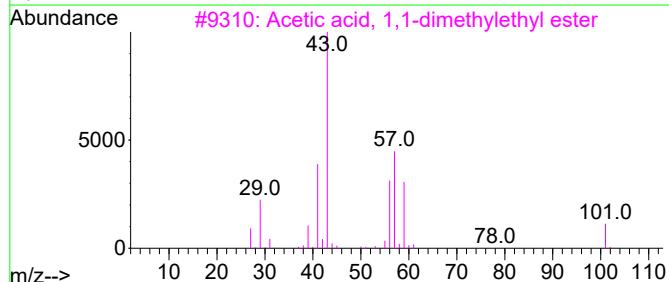
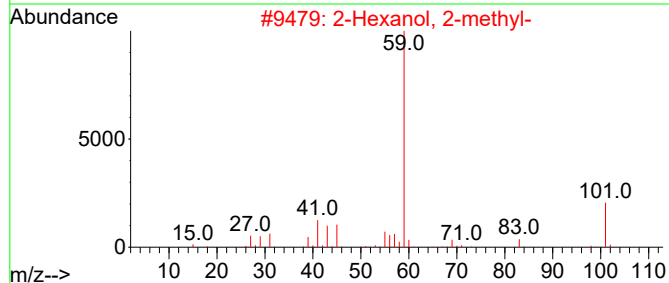
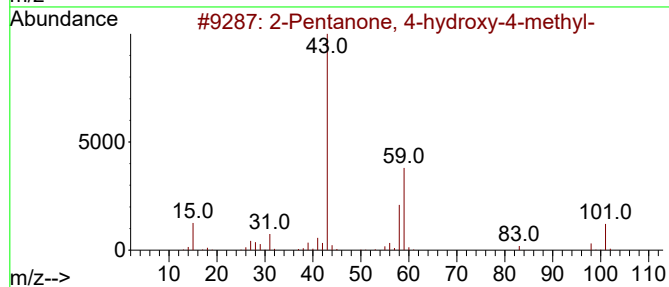
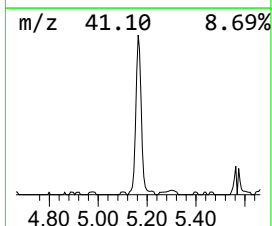
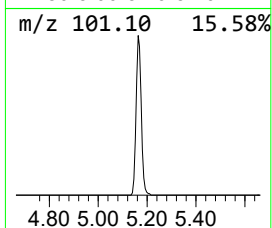
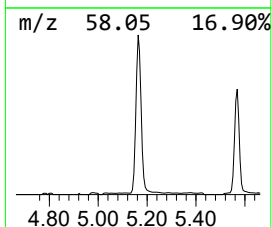
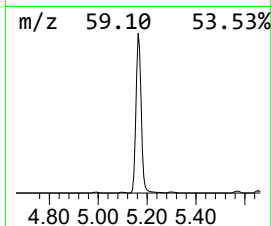
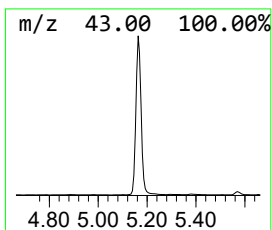
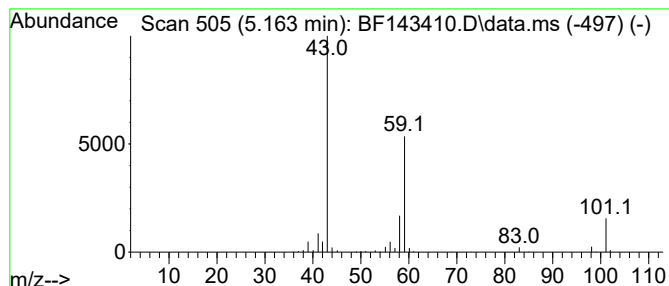
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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.163	9.99 ng	412383	1,4-Dichlorobenzene-d4			6.934
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-		116	C7H16O	000625-23-0	33
3	Acetic acid, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	16



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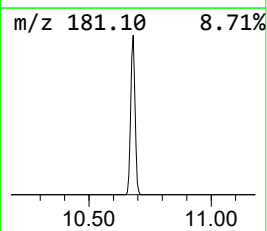
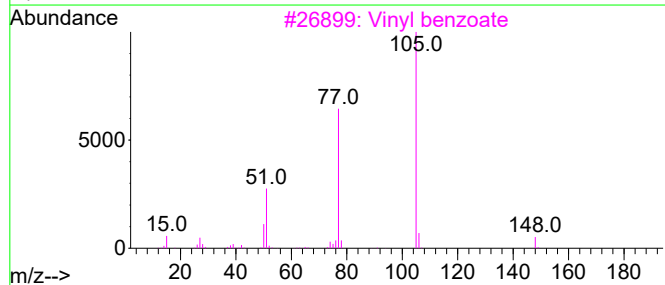
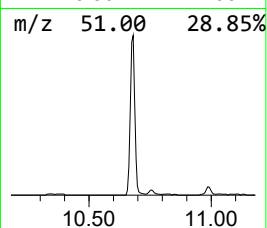
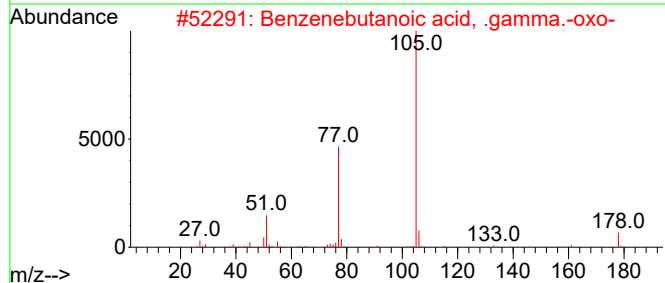
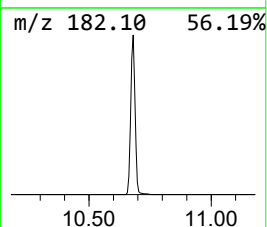
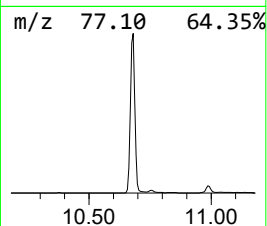
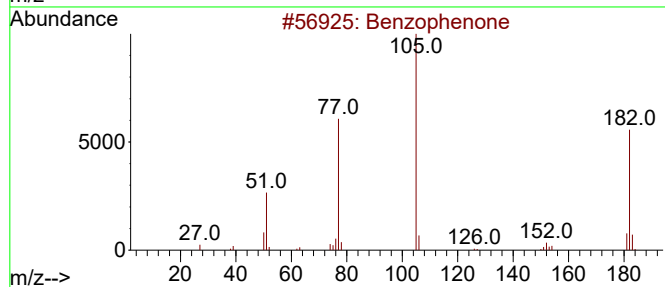
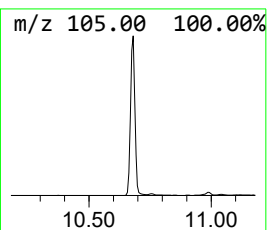
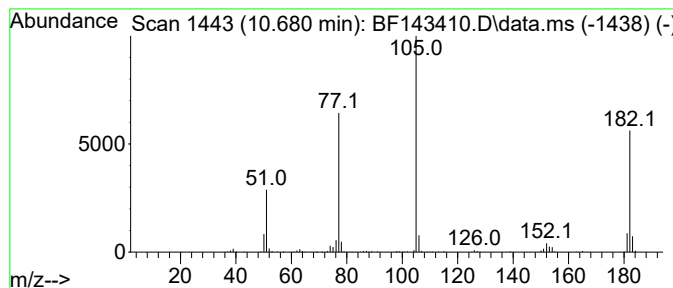
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	7.42 ng	423232	Acenaphthene-d10	9.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



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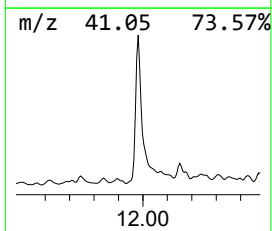
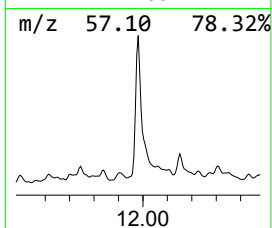
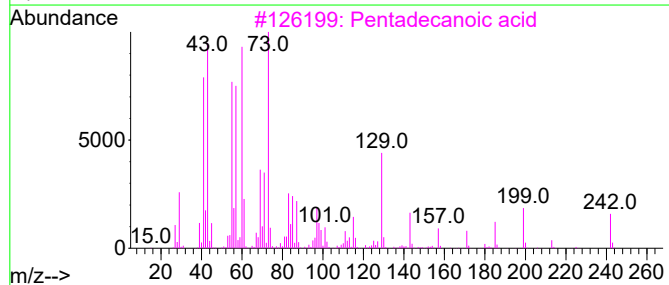
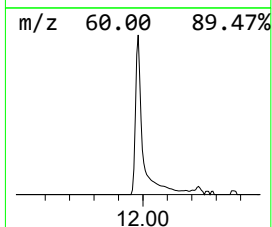
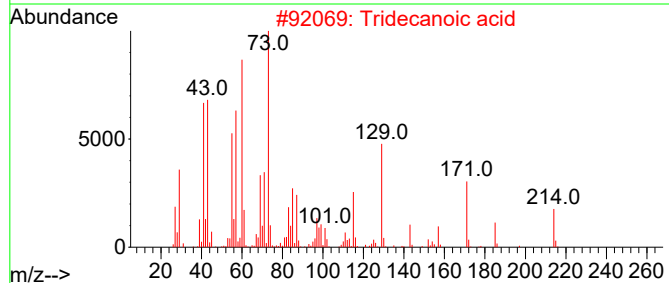
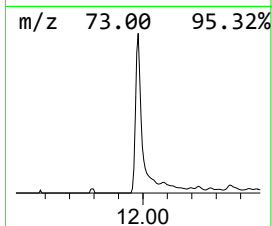
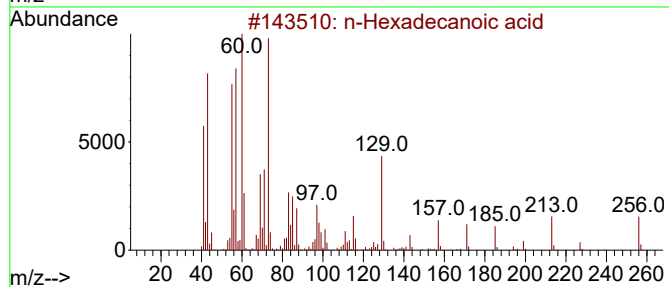
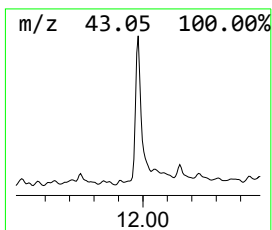
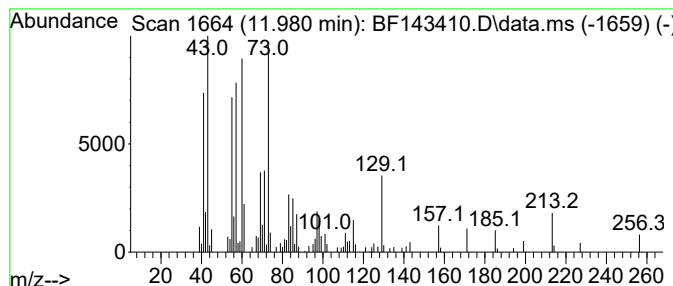
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	3.86 ng	188772	Phenanthrene-d10	11.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Undecanoic acid	186	C11H22O2	000112-37-8	59



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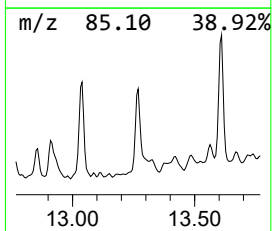
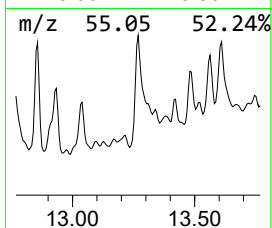
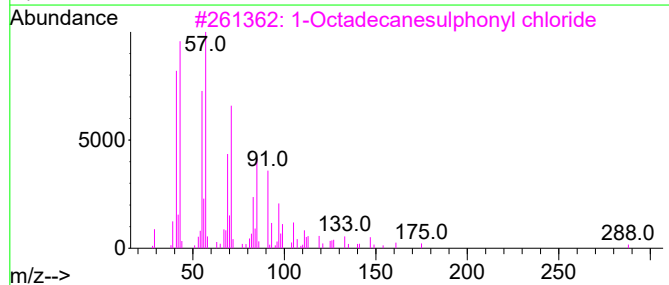
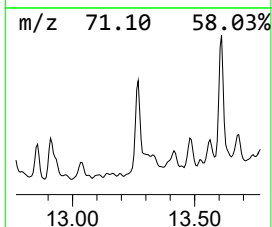
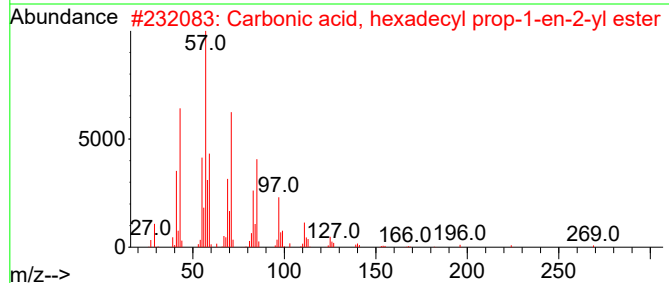
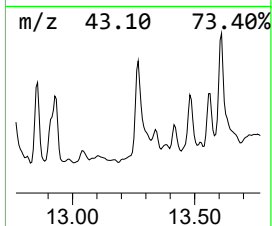
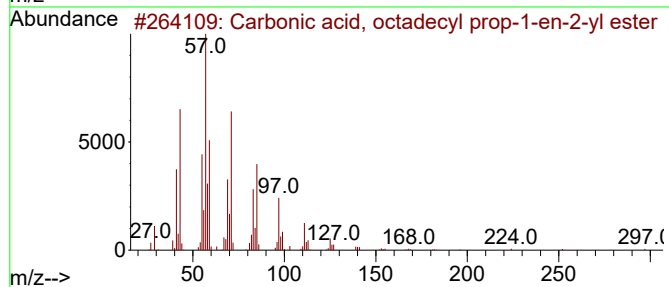
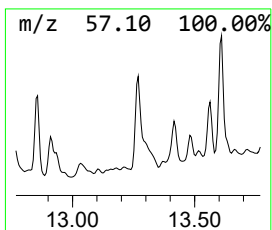
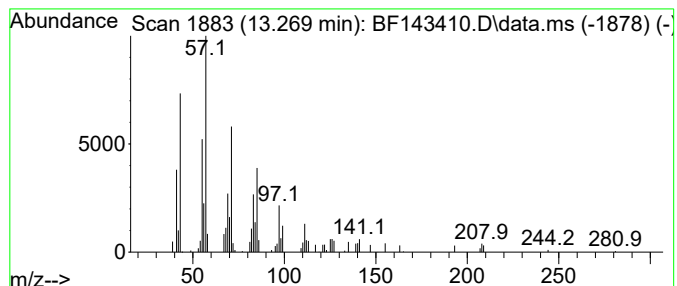
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Carbonic acid, octadecyl pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	2.49 ng	83741	Chrysene-d12	14.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
4			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90



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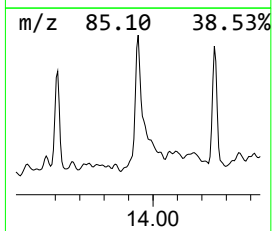
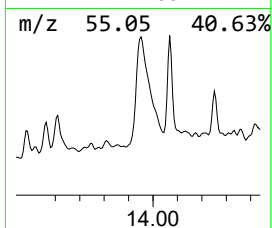
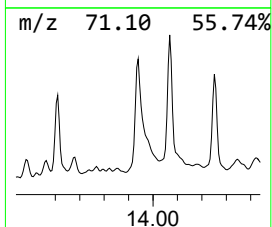
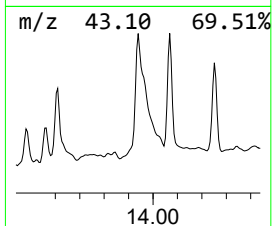
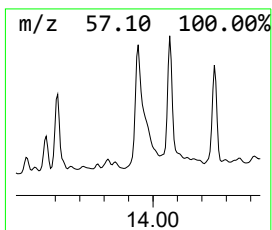
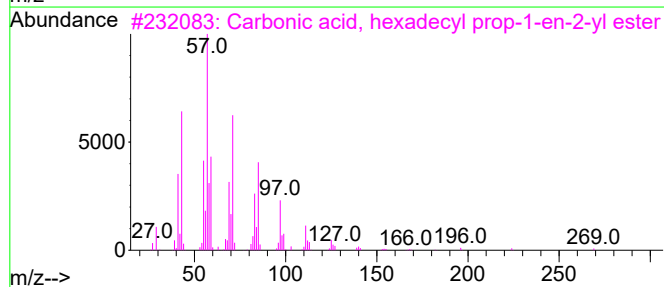
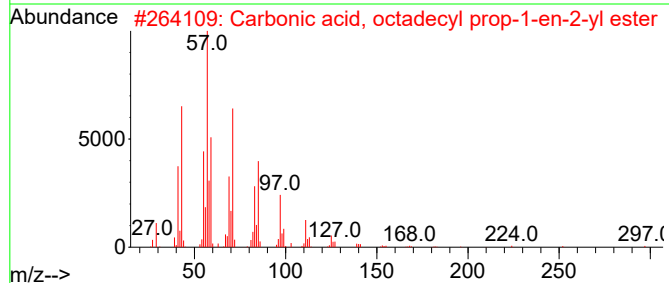
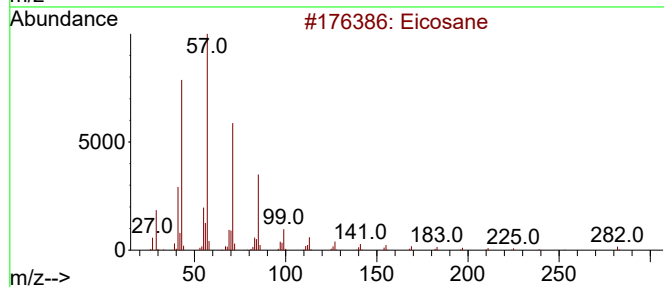
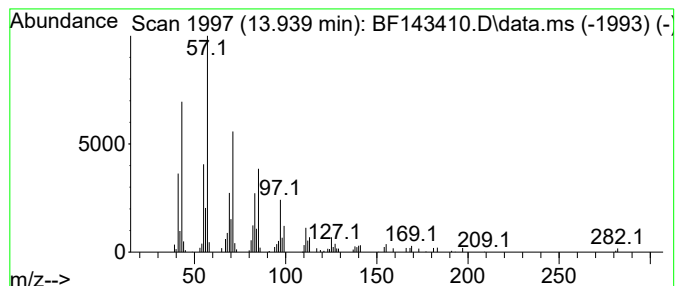
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	6.52 ng	218964	Chrysene-d12	14.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	92
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143410.D
Acq On : 15 Aug 2025 09:17
Operator : RC/JU
Sample : Q2815-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-88H-N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.269	99.2	ng	4097760	1	6.934	825959	20.0
2-Pentanone, 4-...	5.163	10.0	ng	412383	1	6.934	825959	20.0
Benzophenone	10.680	7.4	ng	423232	3	9.969	1141030	20.0
n-Hexadecanoic ...	11.980	3.9	ng	188772	4	11.457	977392	20.0
Carbonic acid, ...	13.269	2.5	ng	83741	5	14.098	671890	20.0
Eicosane	13.939	6.5	ng	218964	5	14.098	671890	20.0