

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142052.D
 Acq On : 24 Mar 2025 13:55
 Operator : RC/JU
 Sample : Q1618-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20250320-01

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: BF142052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	25	rVB	2558907	4113107	73.04%	13.993%
2	5.487	571	577	604	rBV	1358703	1840699	32.69%	6.262%
3	6.493	742	748	760	rBV	892011	1153882	20.49%	3.926%
4	6.875	808	813	820	rBV	632641	788765	14.01%	2.683%
5	7.434	902	908	918	rBV	1998566	2759855	49.01%	9.389%
6	8.151	1025	1030	1047	rVB	760127	1041240	18.49%	3.542%
7	9.228	1207	1213	1228	rBV	4267775	5631609	100.00%	19.159%
8	9.798	1303	1310	1313	rBV	61591	91920	1.63%	0.313%
9	9.910	1323	1329	1338	rVB	920605	1183547	21.02%	4.027%
10	10.622	1444	1450	1457	rBV	234784	307030	5.45%	1.045%
11	10.698	1457	1463	1479	rBV	2221240	3009090	53.43%	10.237%
12	11.392	1576	1581	1588	rBV	826671	1054087	18.72%	3.586%
13	11.916	1665	1670	1686	rBV2	125111	251435	4.46%	0.855%
14	12.704	1798	1804	1817	rBV	171334	351928	6.25%	1.197%
15	12.980	1845	1851	1856	rBV	3267565	4243633	75.35%	14.437%
16	13.874	1998	2003	2019	rBV5	39831	143091	2.54%	0.487%
17	14.033	2024	2030	2049	rVB	459701	698211	12.40%	2.375%
18	15.504	2274	2280	2293	rVB	441976	730251	12.97%	2.484%

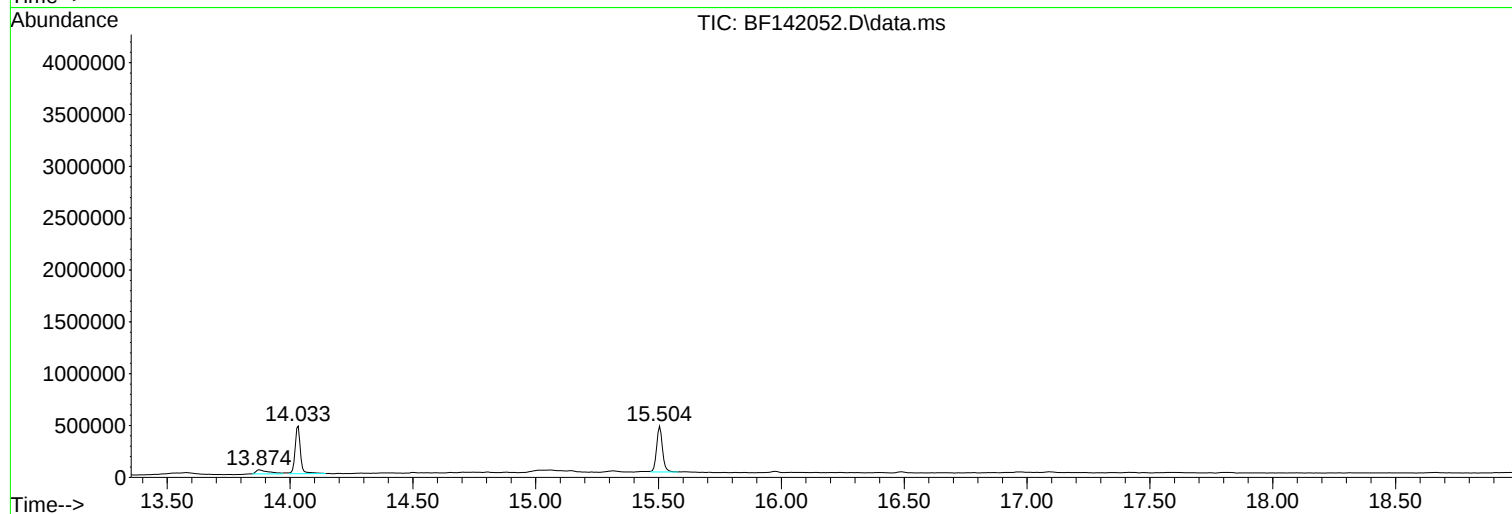
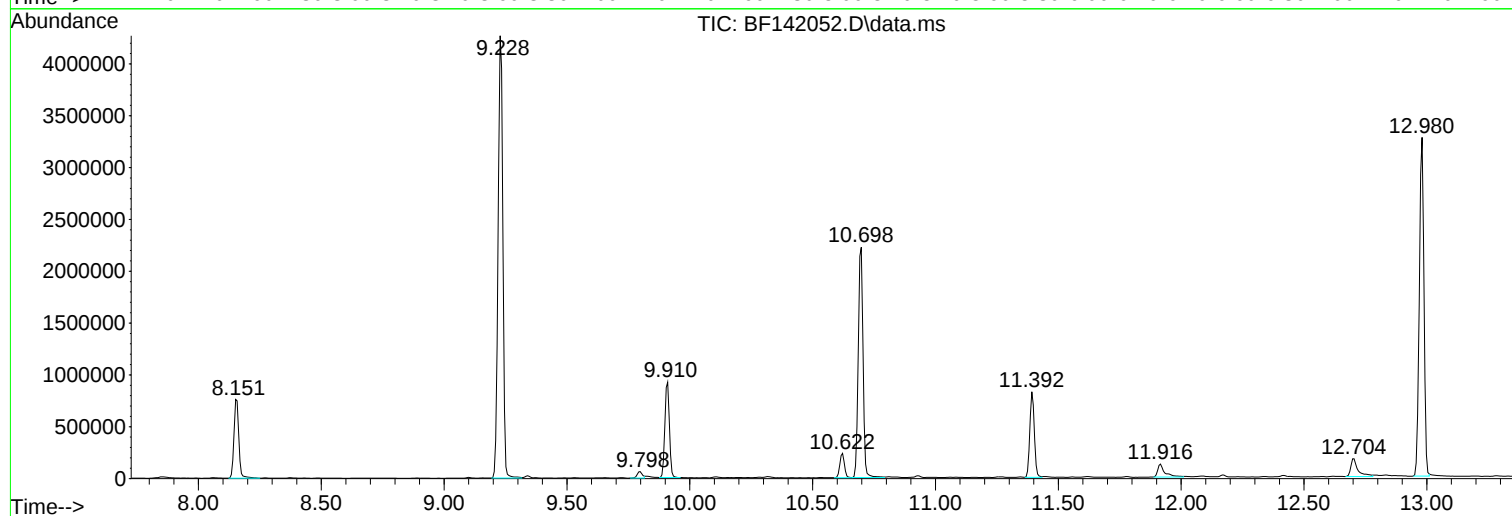
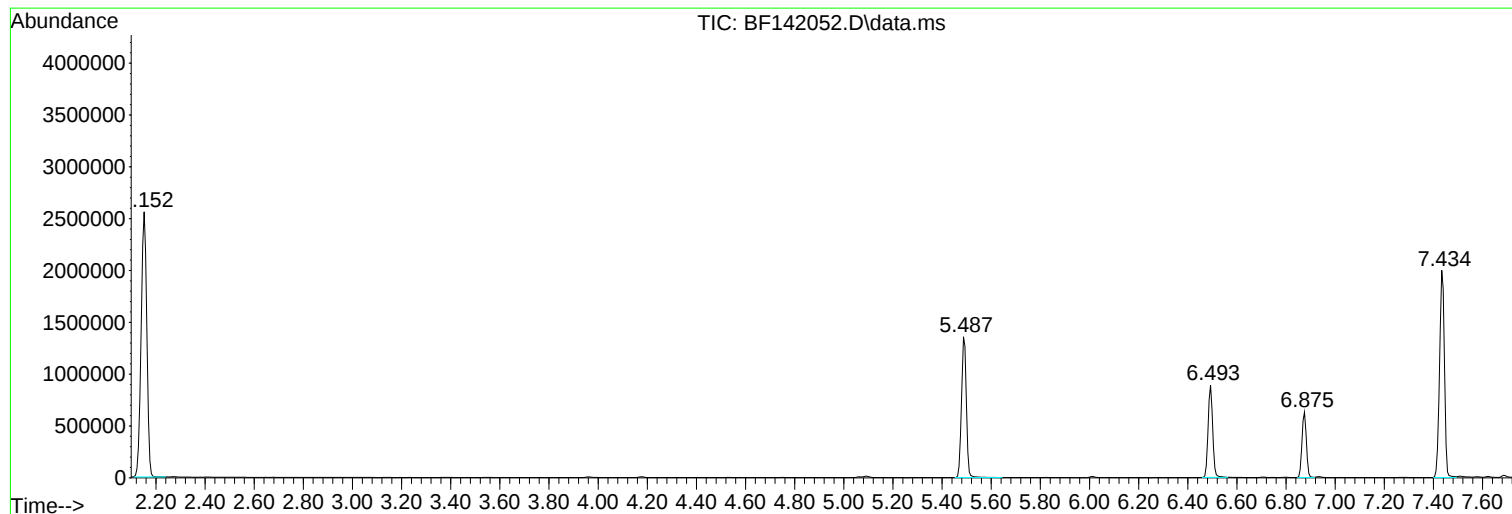
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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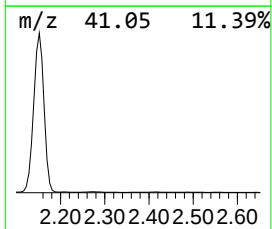
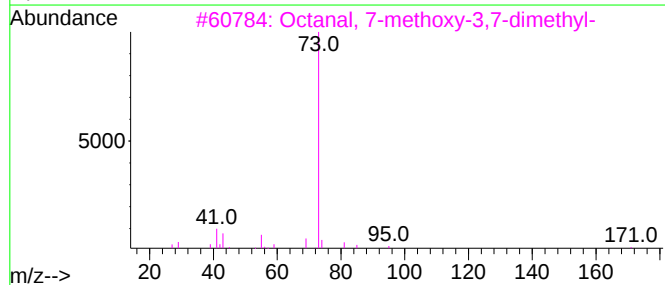
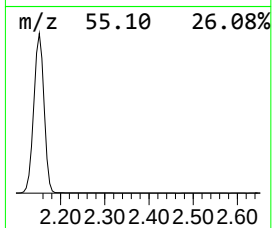
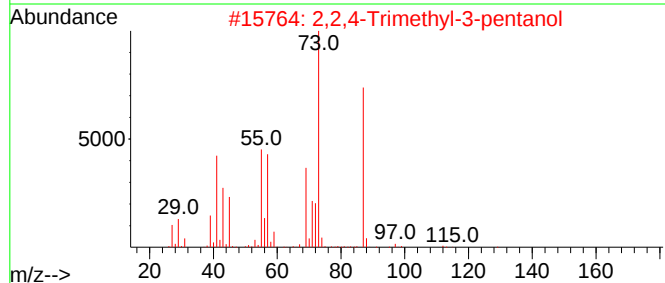
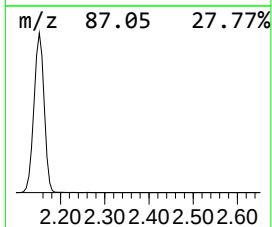
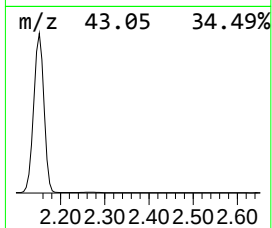
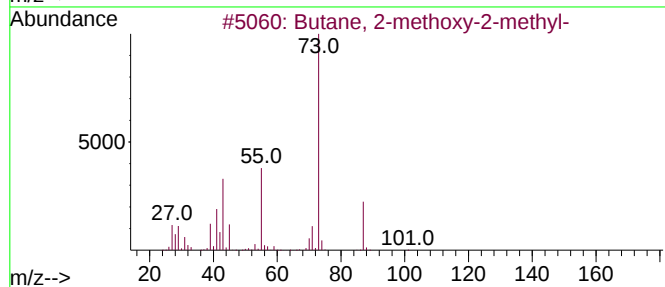
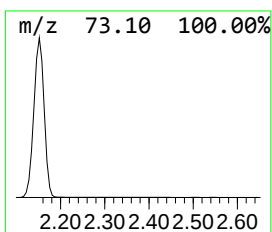
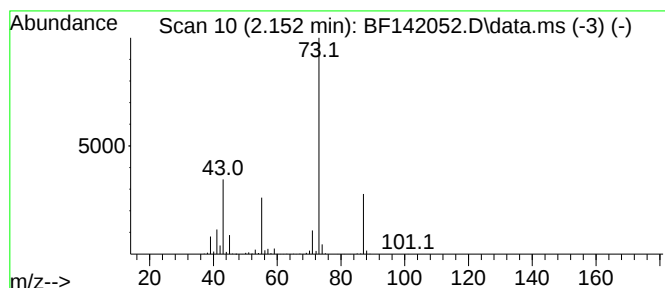
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	104.29 ng	4113110	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	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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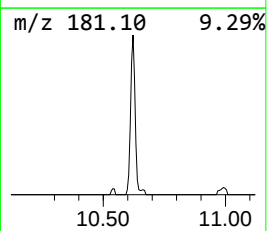
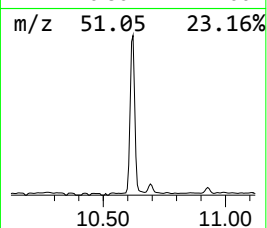
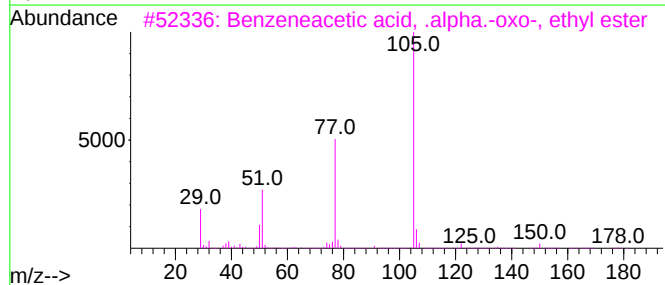
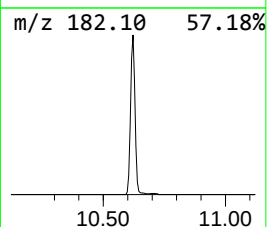
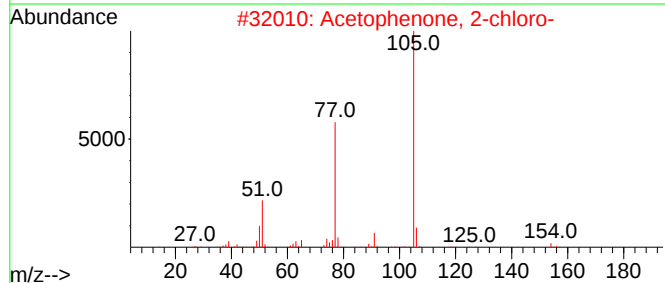
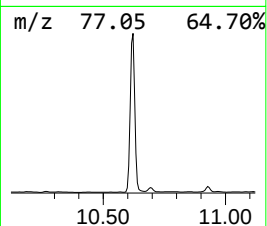
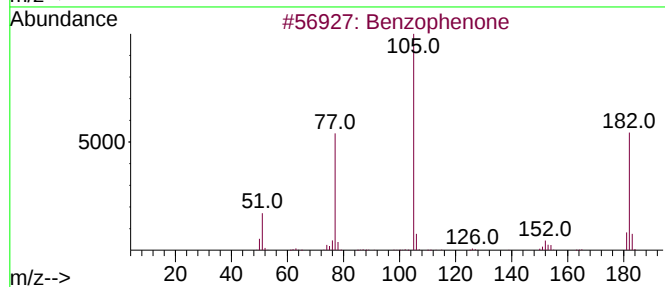
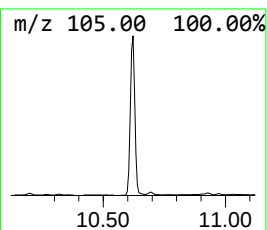
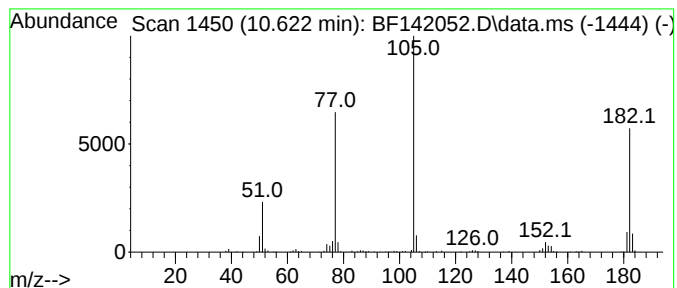
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	5.19 ng	307030	Acenaphthene-d10	9.910

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			Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
4			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47



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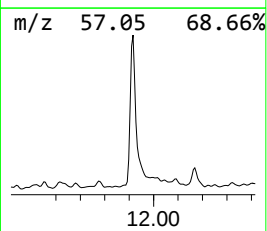
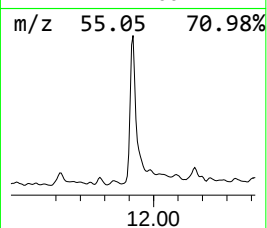
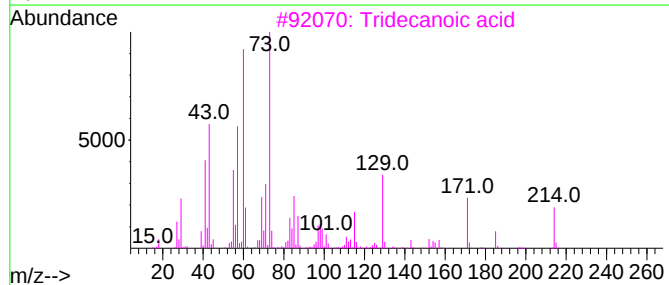
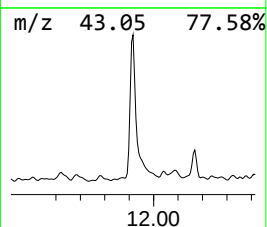
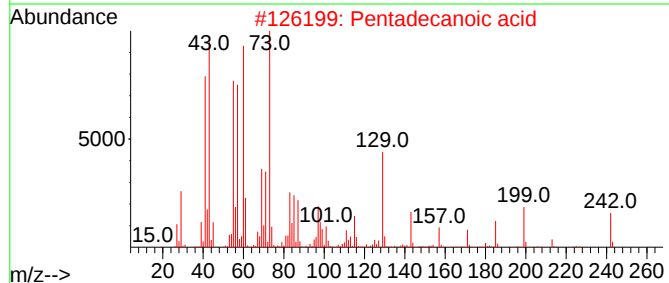
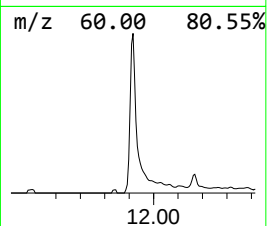
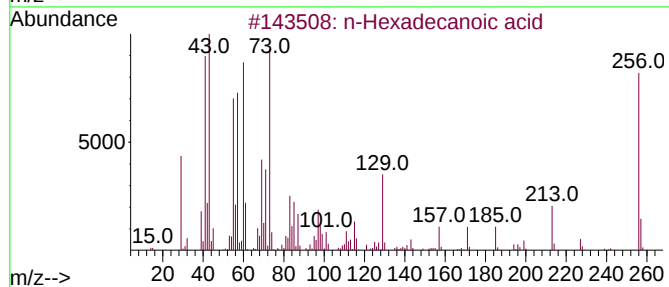
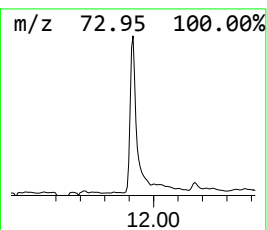
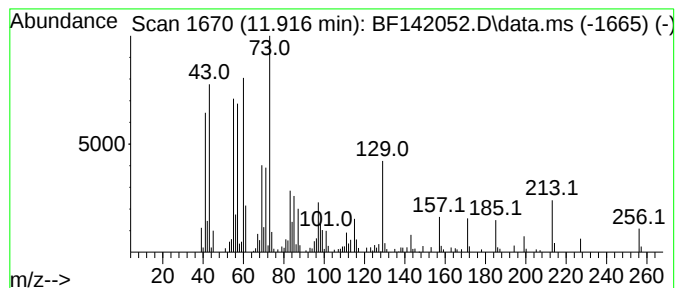
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BNA_F
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	4.77 ng	251435	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
3	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Undecanoic acid		186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	80



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP20250320-01

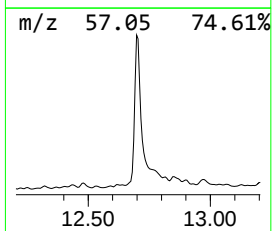
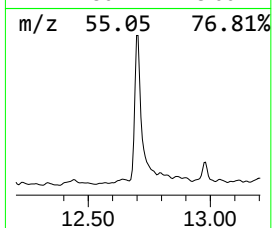
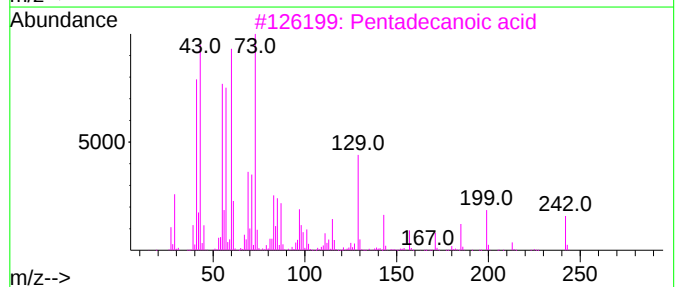
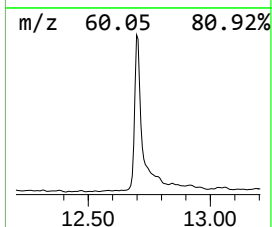
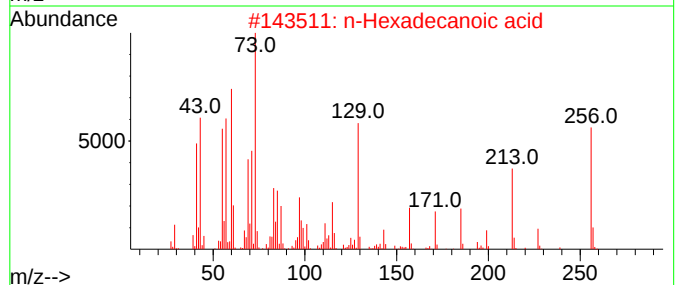
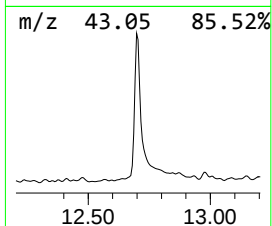
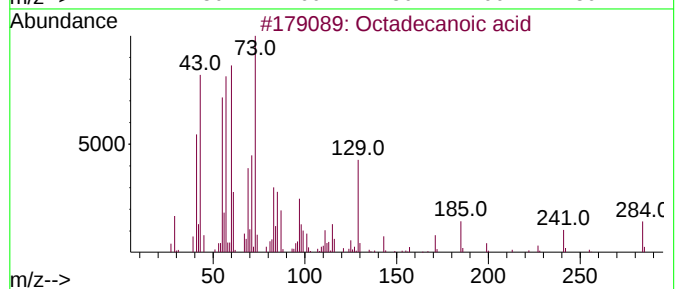
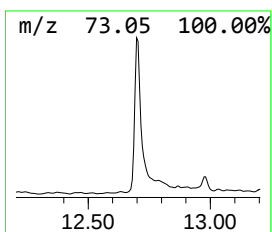
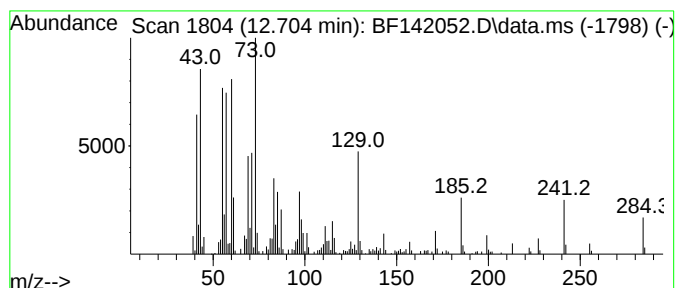
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Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	6.68 ng	351928	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			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	74



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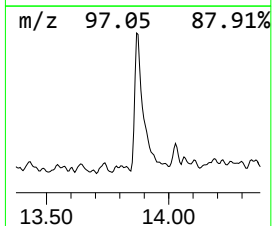
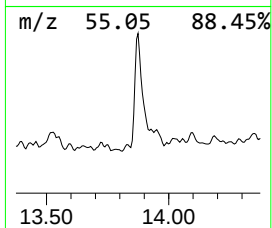
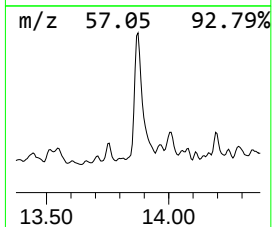
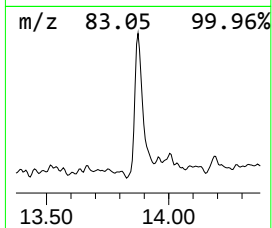
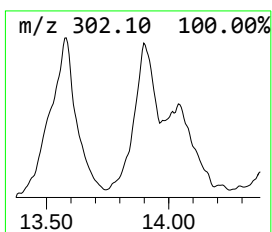
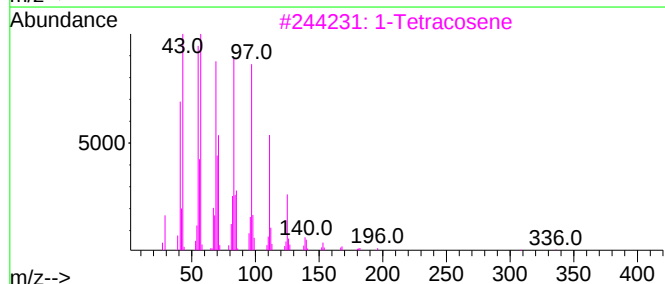
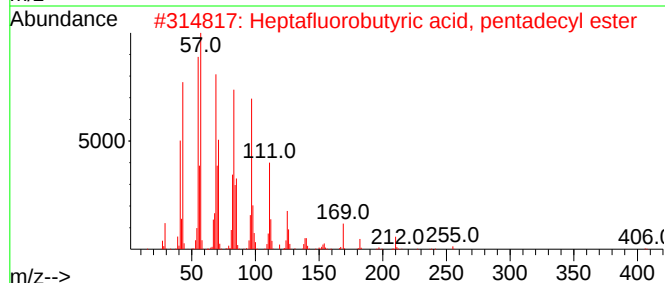
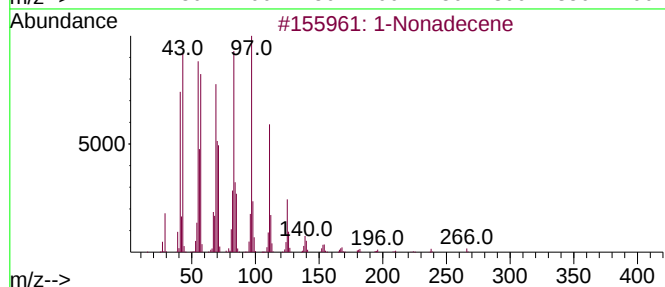
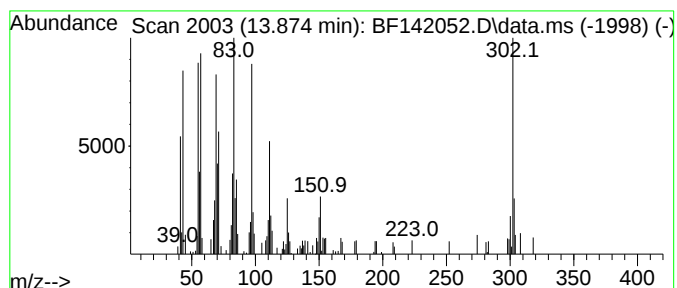
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Peak Number 5 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.874	4.10 ng	143091	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
3	1-Tetracosene	336	C24H48	010192-32-2	64
4	Behenic alcohol	326	C22H46O	000661-19-8	64
5	1-Heneicosanol	312	C21H44O	015594-90-8	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.152	104.3	ng	4113110	1	6.875	788765	20.0
Benzophenone	10.622	5.2	ng	307030	3	9.910	1183550	20.0
n-Hexadecanoic ...	11.916	4.8	ng	251435	4	11.392	1054090	20.0
Octadecanoic acid	12.704	6.7	ng	351928	4	11.392	1054090	20.0
1-Nonadecene	13.874	4.1	ng	143091	5	14.033	698211	20.0