LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143603.D
Acq On : 27 Aug 2025 12:52
Operator : RC/JU
Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	11	17	27	rVB2	33551	55548	1.61%	0.325%
2	3.993	300	306	315	rVB	75497	121829	3.54%	0.713%
3	4.640	410	416	420	rBV	28391	40104	1.16%	0.235%
4	5.110	487	496	503	rBV2	108198	181413	5.27%	1.062%
5	5.504	553	563	568	rBV	1168893	1561263	45.32%	9.141%
6	6.498	726	732	737	rBV	764573	953541	27.68%	5.583%
7	6.892	793	799	804	rBV	502824	630196	18.29%	3.690%
8	7.451	882	894	899	rBV	1418161	1957047	56.81%	11.458%
9	8.169	1011	1016	1024	rBV	663840	840835	24.41%	4.923%
10	9.245	1193	1199	1204	rVB	2649134	3444759	100.00%	20.168%
11	9.792	1287	1292	1294	rBV	35619	50110	1.45%	0.293%
12	9.922	1309	1314	1319	rBV	705131	894124	25.96%	5.235%
13	9.969	1319	1322	1326	rVB2	38046	56790	1.65%	0.332%
14	10.639	1430	1436	1442	rBV	74027	102151	2.97%	0.598%
15	10.710	1442	1448	1459	rBV	1388506	1819109	52.81%	10.650%
16	11.410	1562	1567	1572	rBV	597786	740549	21.50%	4.336%
17	11.669	1606	1611	1614	rBV	27804	36169	1.05%	0.212%
18	11.933	1651	1656	1666	rBV2	59525	97377	2.83%	0.570%
19	12.645	1770	1777	1784	rBV	47796	85497	2.48%	0.501%
20	12.716	1784	1789	1798	rVB3	19140	39646	1.15%	0.232%
21	12.992	1831	1836	1842	rBV	1736343	2303036	66.86%	13.483%
22	14.045	2009	2015	2022	rBV	345784	450233	13.07%	2.636%
23	14.910	2157	2162	2168	rBV	37583	51559	1.50%	0.302%
24	15.521	2260	2266	2278	rVB	371129	567796	16.48%	3.324%

Sum of corrected areas: 17080681

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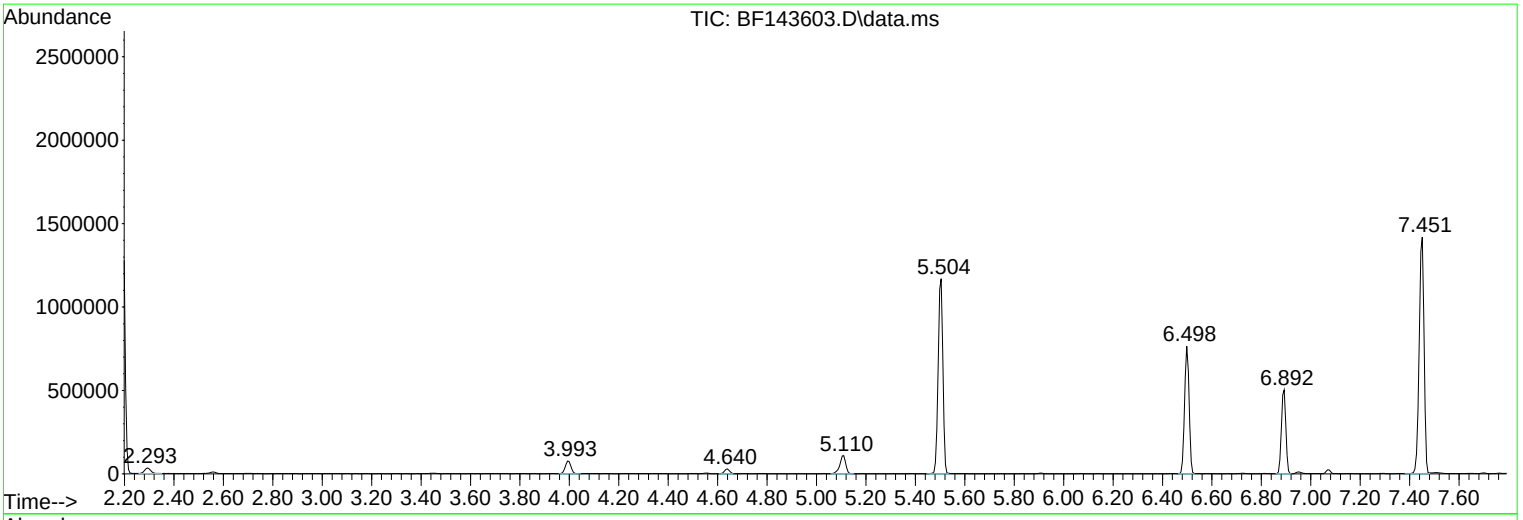
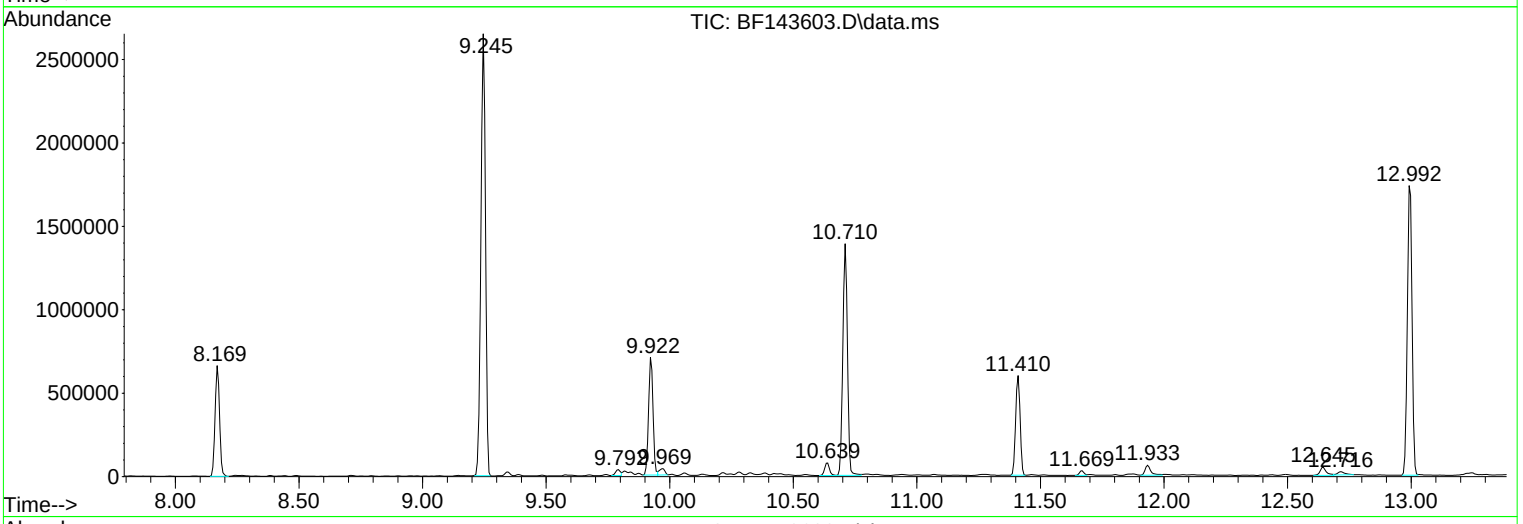
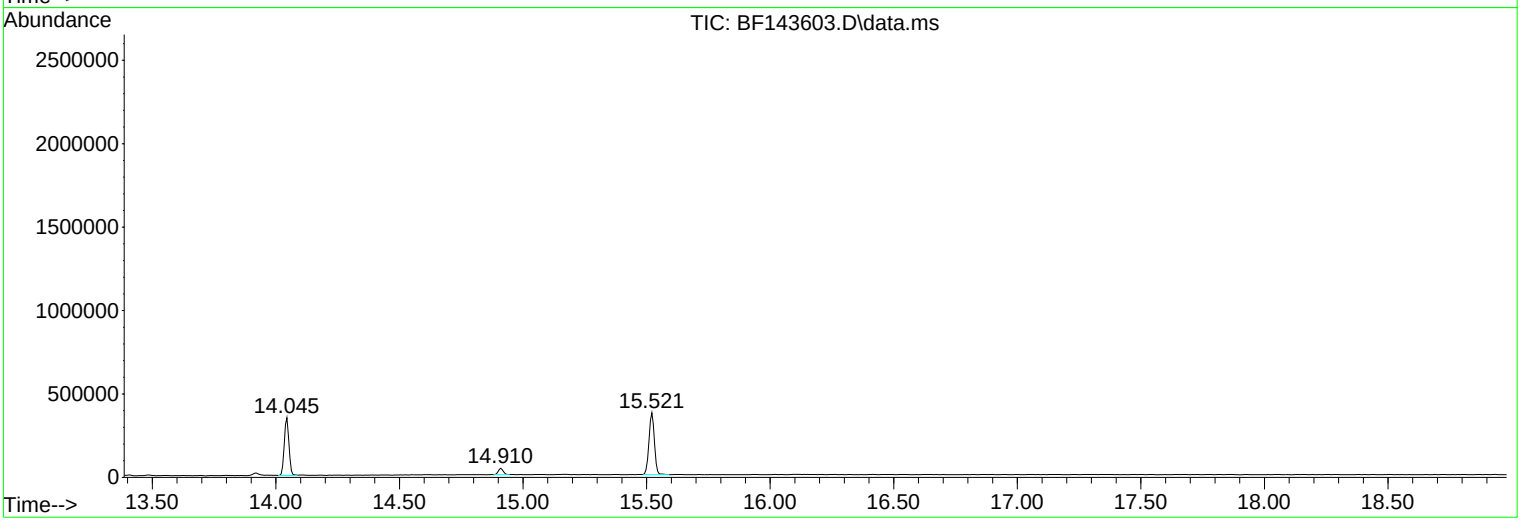
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Integration Parameters: LSCINT.P

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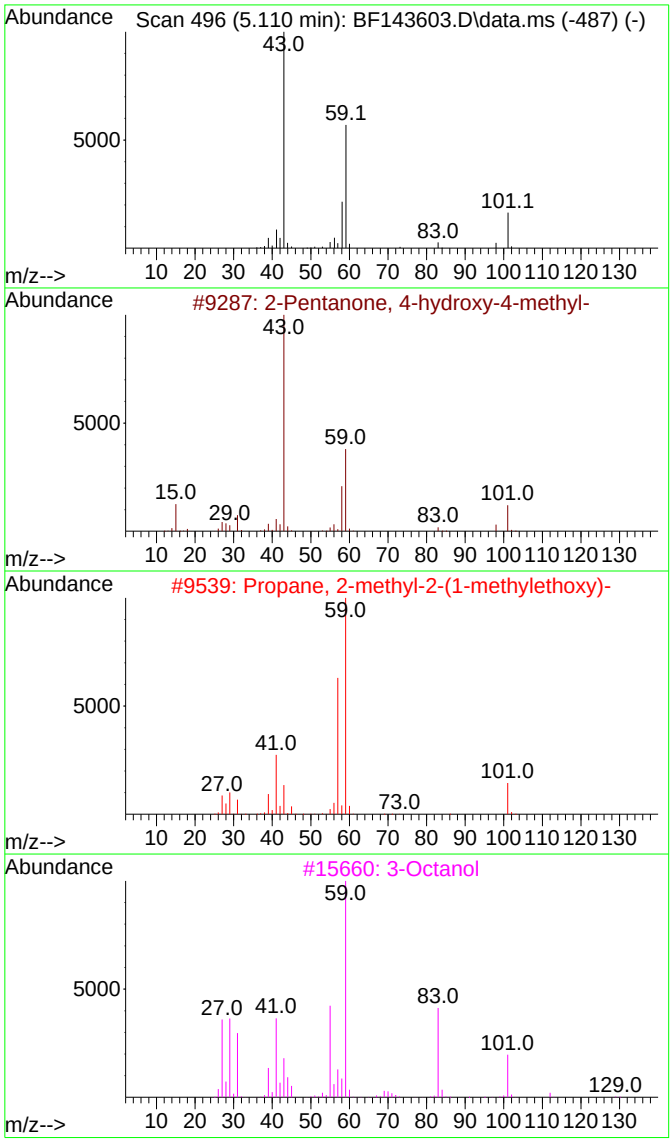
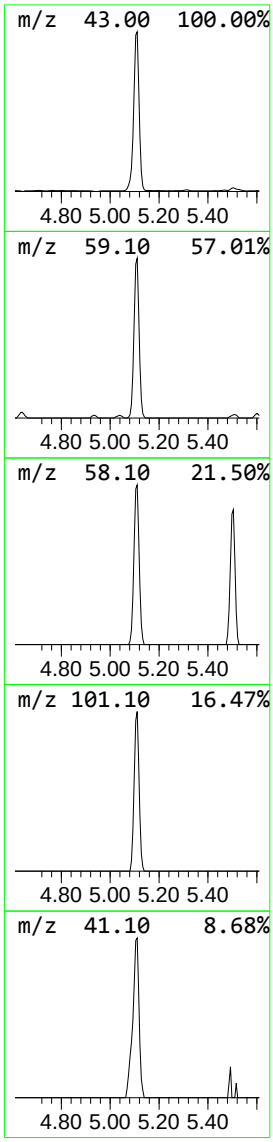
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.76 ng	181413	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	3-Octanol	130	C8H18O	000589-98-0	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
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TIC Library : C:\Database\NIST20.L
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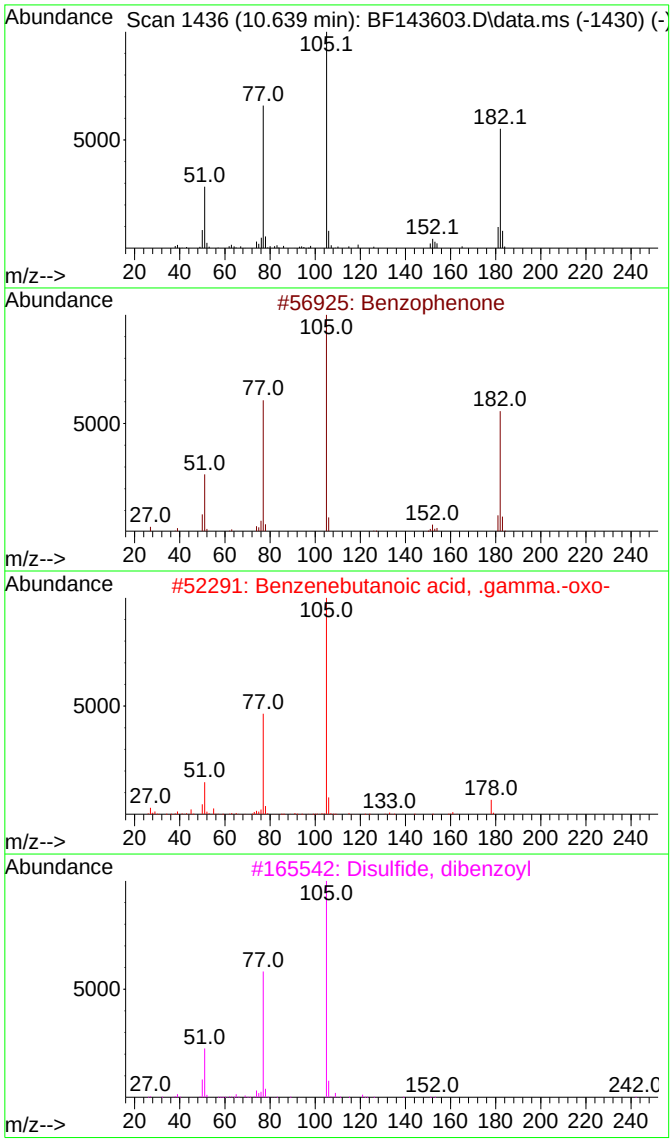
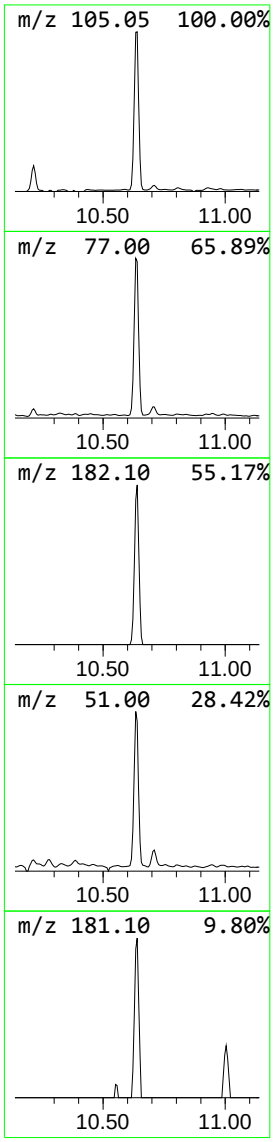
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	2.28 ng	102151	Acenaphthene-d10	9.922

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	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47





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Sample : Q2924-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
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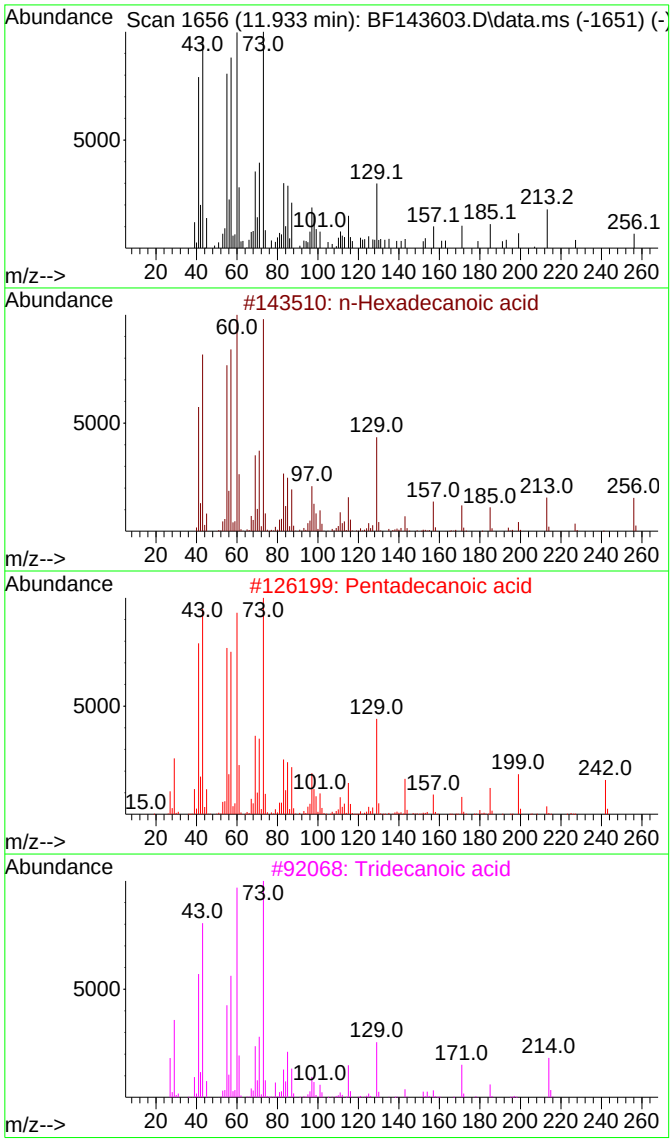
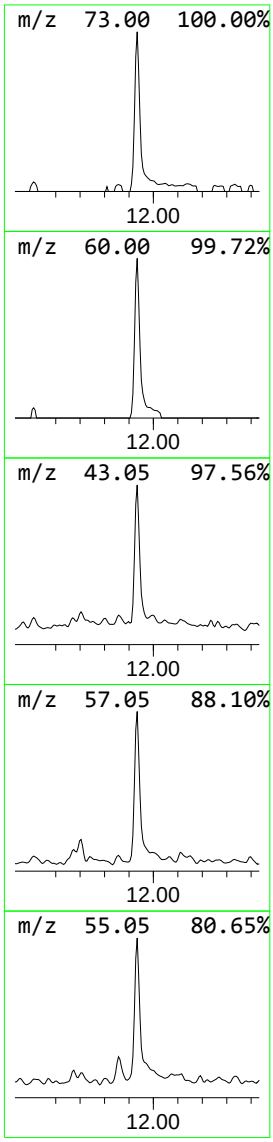
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.63 ng	97377	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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TIC Integration Parameters: LSCINT.P

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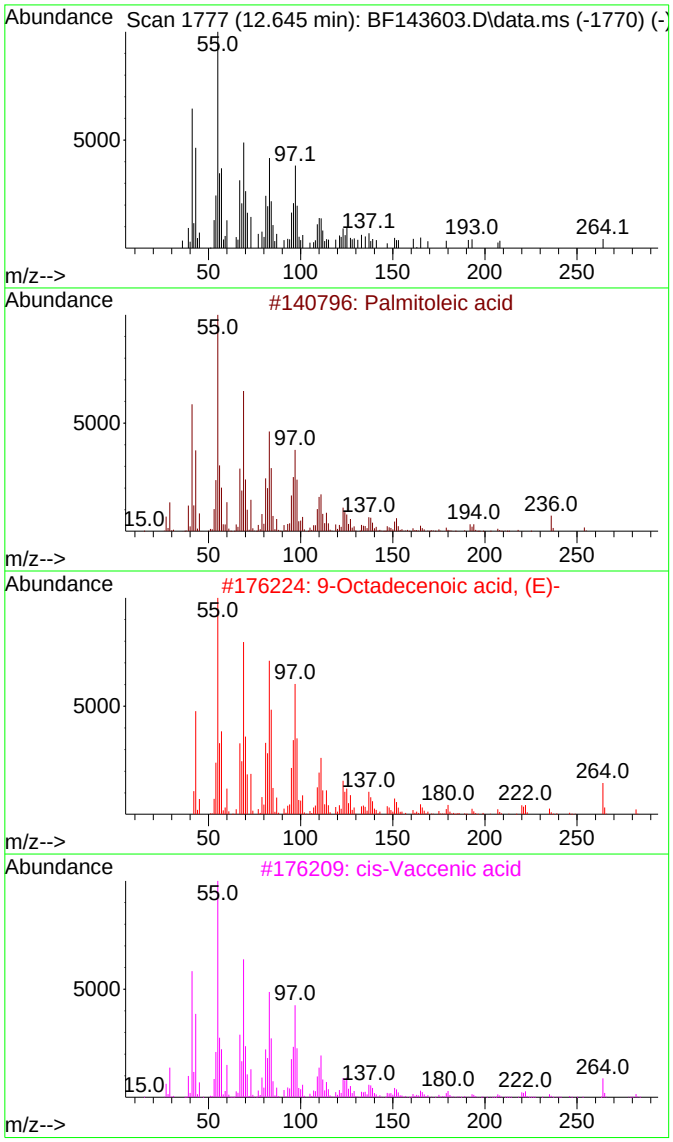
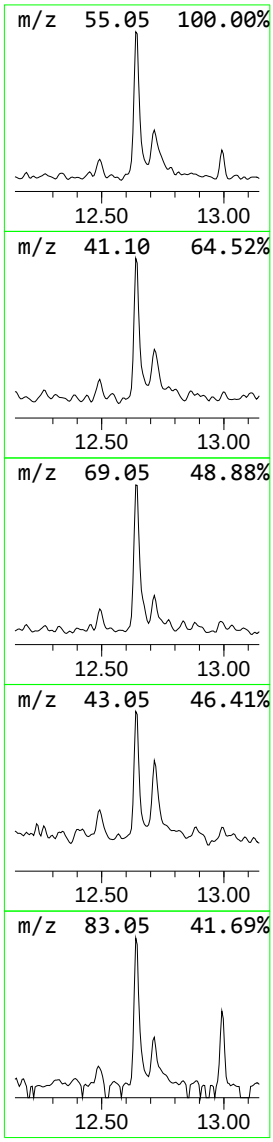
Peak Number 5 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.31 ng	85497	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	87
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	86
4	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	80
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	80





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	5.8	ng	181413	1	6.892	630196	20.0
Benzophenone	10.639	2.3	ng	102151	3	9.922	894124	20.0
n-Hexadecanoic ...	11.933	2.6	ng	97377	4	11.410	740549	20.0
Palmitoleic acid	12.645	2.3	ng	85497	4	11.410	740549	20.0