LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025588.D
Acq On : 26 Aug 2025 16:37
Operator : CG/JU
Sample : Q2924-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-16A-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_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025588.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	35	rVB	4293229	5362907	45.34%	9.644%
2	4.937	334	340	347	rBV2	201080	284169	2.40%	0.511%
3	5.402	413	419	428	rBV	1569740	2348185	19.85%	4.223%
4	6.972	677	686	697	rBV	847029	1445562	12.22%	2.600%
5	7.778	815	823	831	rBV	715609	1117215	9.44%	2.009%
6	8.919	1009	1017	1031	rBV	2052516	3666777	31.00%	6.594%
7	10.549	1286	1294	1307	rBV	878263	1531382	12.95%	2.754%
8	13.001	1704	1711	1731	rBV	5135545	8087564	68.37%	14.544%
9	14.389	1940	1947	1955	rBV	1332029	2040632	17.25%	3.670%
10	15.772	2177	2182	2189	rVB	85995	122712	1.04%	0.221%
11	15.913	2199	2206	2222	rBV	4384905	6967360	58.90%	12.530%
12	17.195	2417	2424	2436	rBV	1659170	2538601	21.46%	4.565%
13	18.130	2579	2583	2594	rBV	399728	599797	5.07%	1.079%
14	19.336	2784	2788	2802	rBV	512168	847269	7.16%	1.524%
15	19.460	2805	2809	2812	rBV	177949	241932	2.05%	0.435%
16	19.913	2880	2886	2894	rBV	9271909	11829210	100.00%	21.273%
17	21.642	3174	3180	3188	rVB2	1884555	3153654	26.66%	5.671%
18	25.018	3748	3754	3770	rVB3	1103972	3421278	28.92%	6.153%

Sum of corrected areas: 55606206

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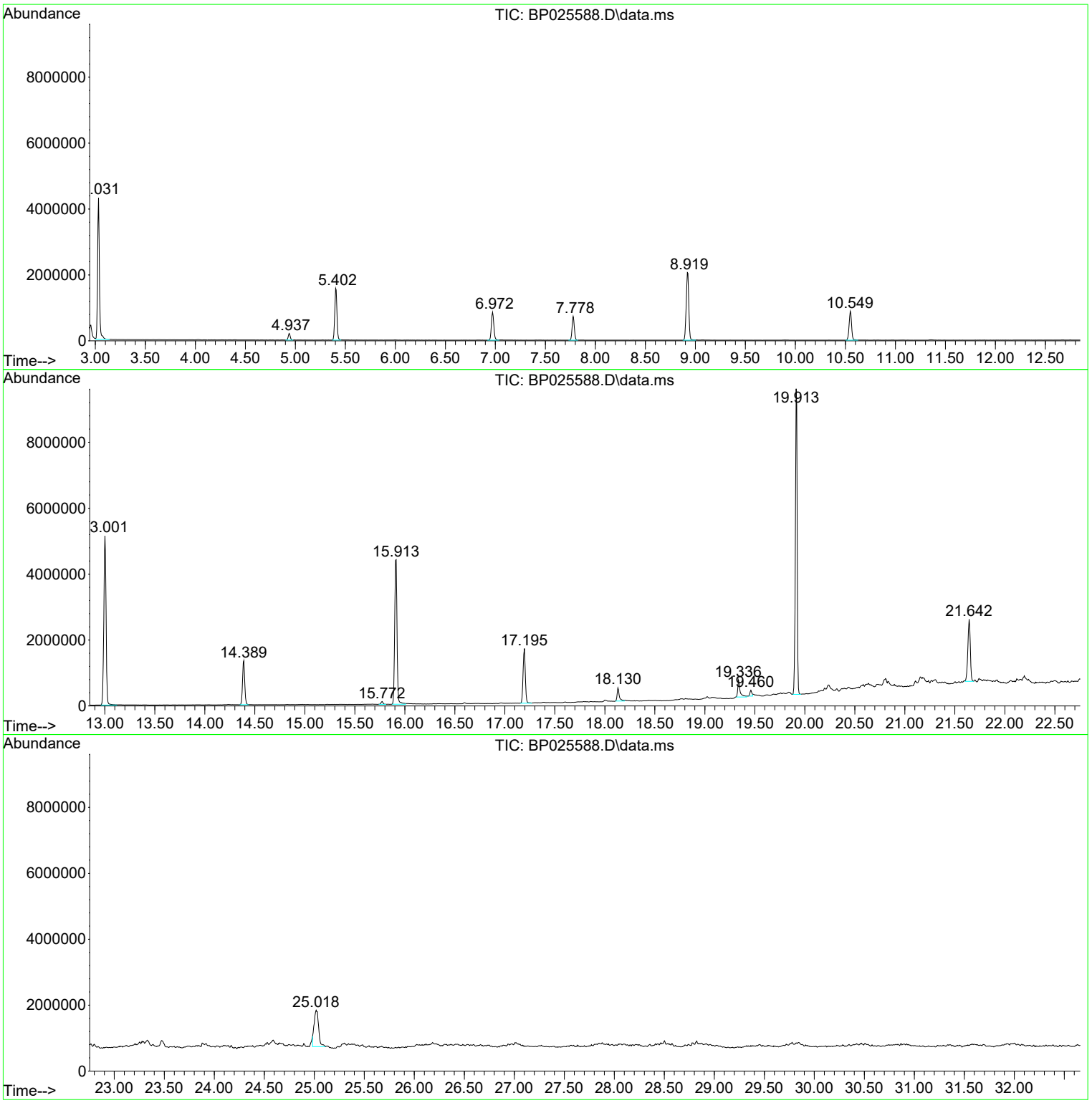
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

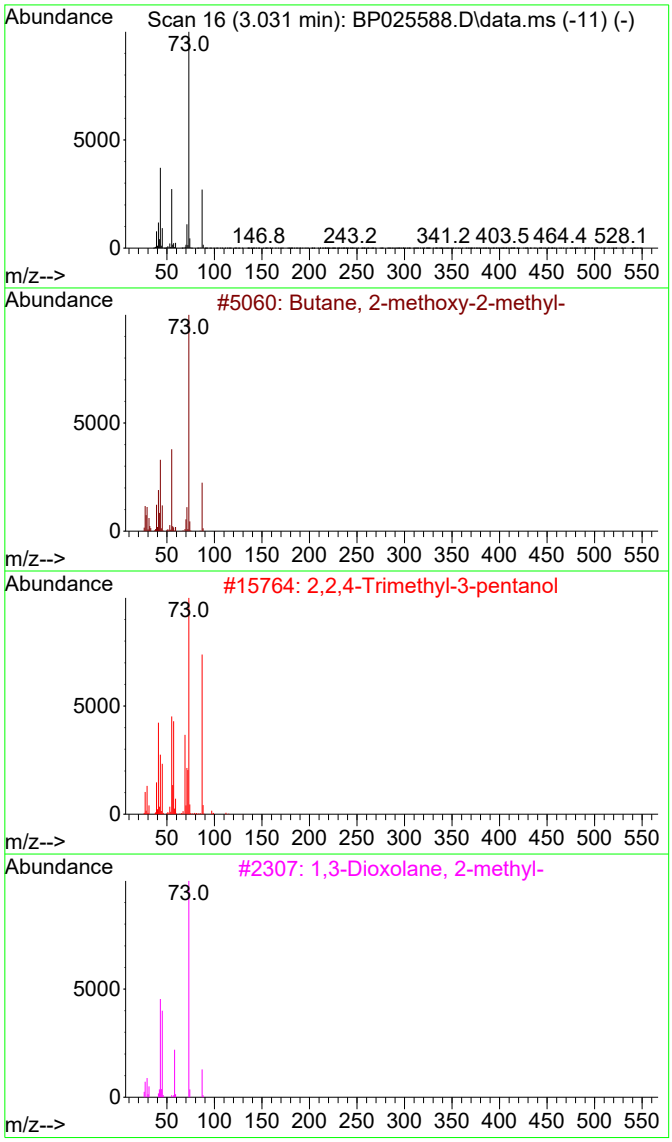
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

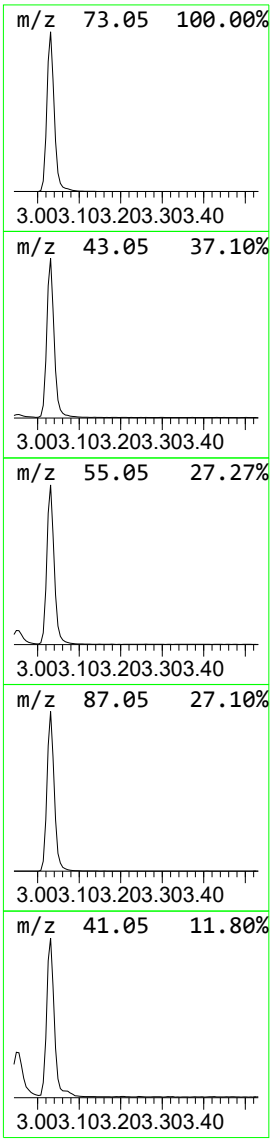
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	96.00 ng	5362910	1,4-Dichlorobenzene-d4	7.778

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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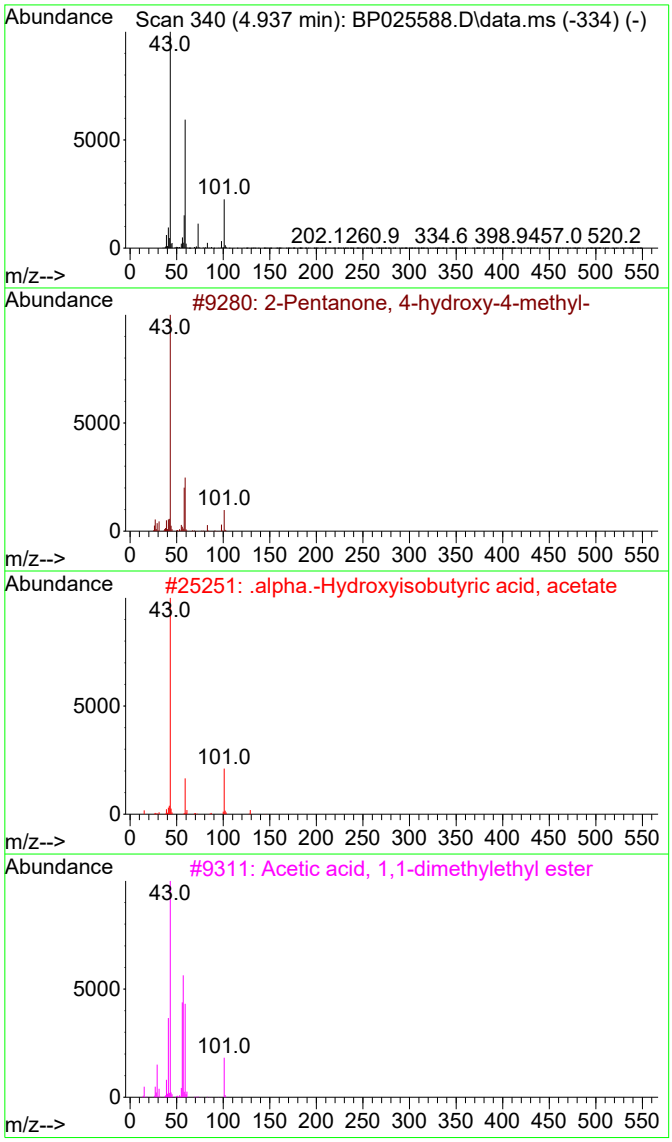
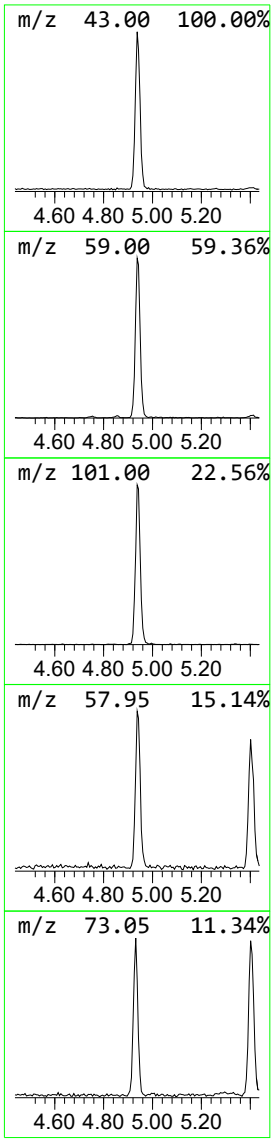
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	5.09 ng	284169	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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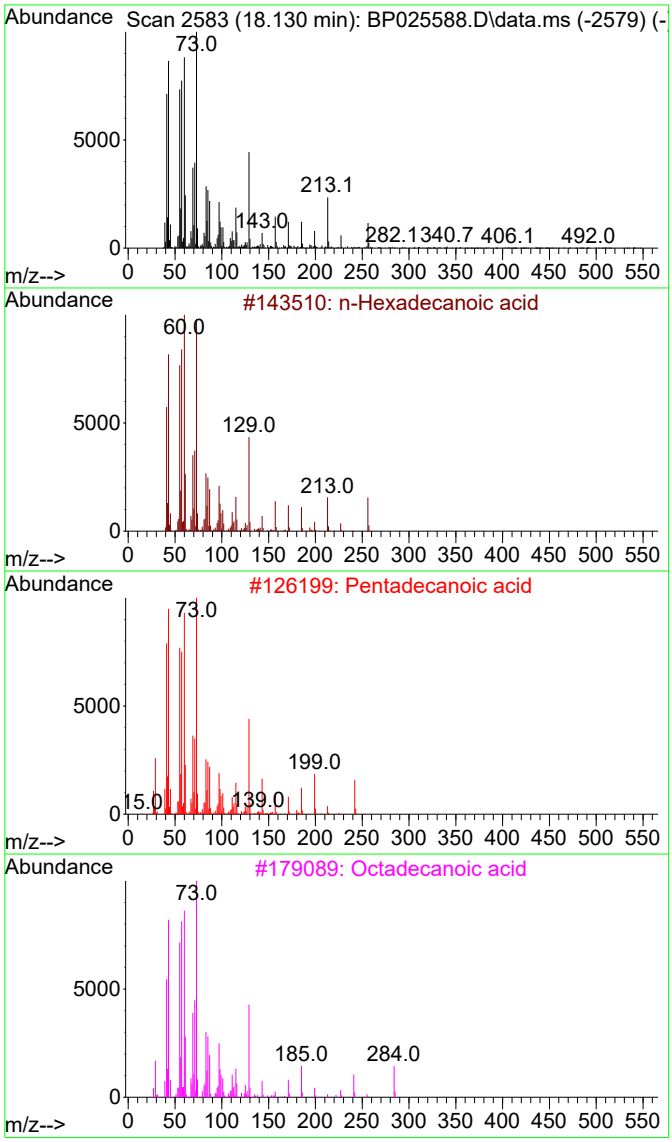
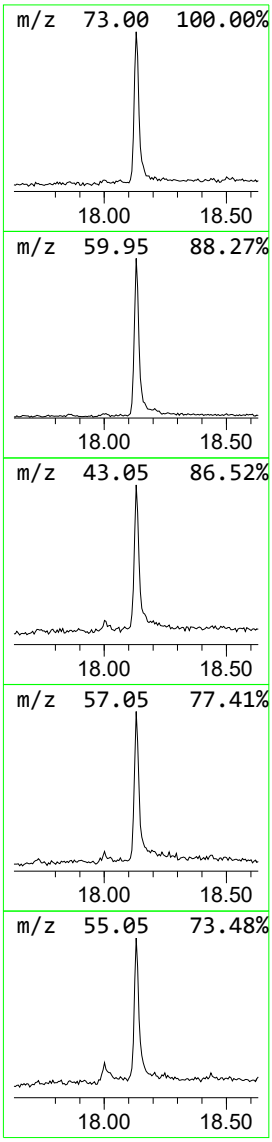
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	4.73 ng	599797	Phenanthrene-d10	17.195

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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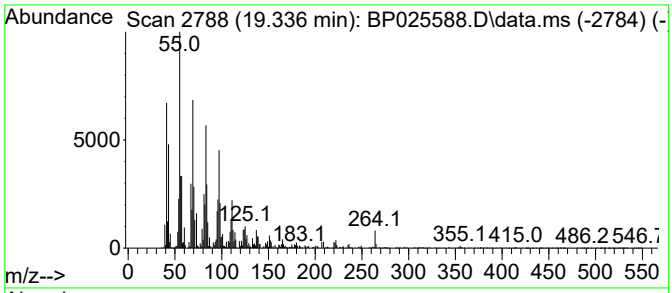
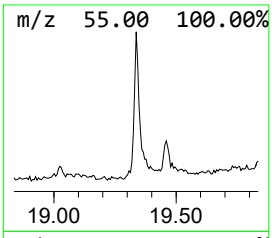
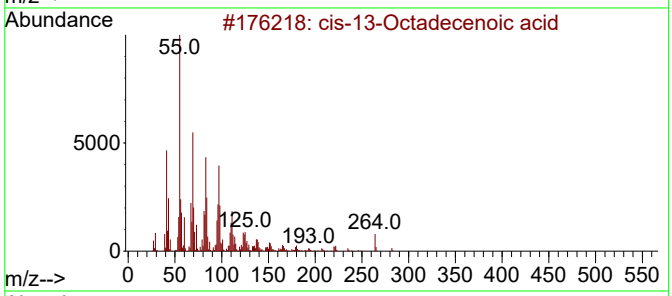
Peak Number 4 cis-13-Octadecenoic acid Concentration Rank 2

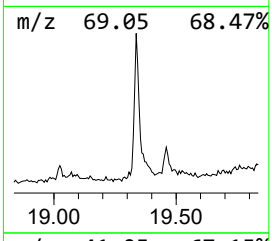
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.336	6.68 ng	847269	Phenanthrene-d10	17.195

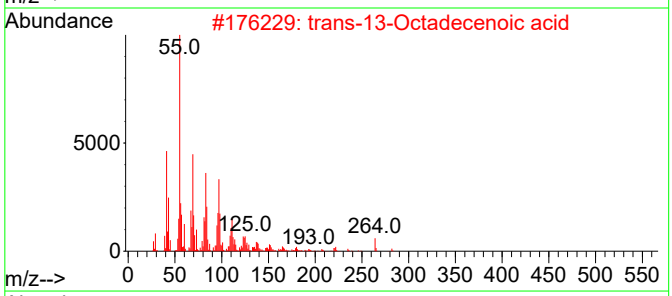
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91

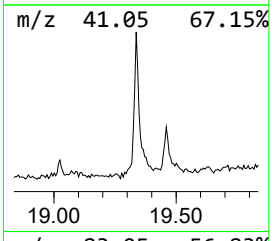


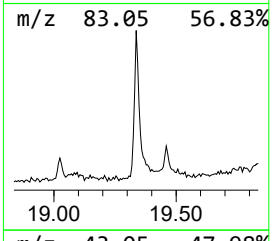


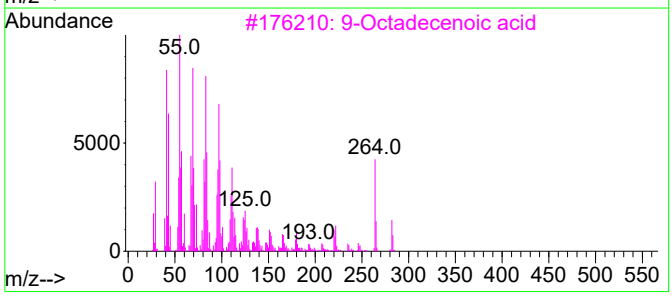


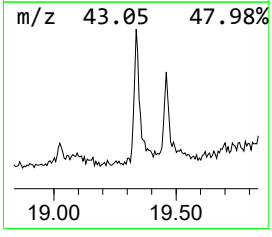












Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.031	96.0	ng	5362910	1	7.778	1117220	20.0
2-Pentanone, 4-...	4.937	5.1	ng	284169	1	7.778	1117220	20.0
n-Hexadecanoic ...	18.131	4.7	ng	599797	4	17.195	2538600	20.0
cis-13-Octadece...	19.336	6.7	ng	847269	4	17.195	2538600	20.0