LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024440.D
Acq On : 28 Apr 2025 17:02
Operator : RC/JU
Sample : Q1874-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	299	305	313	rBV	163870	220989	2.85%	0.524%
2	5.340	376	383	397	rBV	1757806	2574661	33.23%	6.107%
3	6.905	641	649	668	rBV	1656683	2700452	34.85%	6.405%
4	7.716	778	787	795	rBV	569577	851997	11.00%	2.021%
5	8.863	974	982	999	rBV	975722	1737073	22.42%	4.120%
6	10.481	1248	1257	1264	rBV	679107	1187520	15.33%	2.817%
7	12.951	1670	1677	1689	rBV	3186098	4386562	56.62%	10.404%
8	14.345	1906	1914	1921	rBV	1117993	1669208	21.54%	3.959%
9	15.722	2141	2148	2157	rBV	571707	817350	10.55%	1.939%
10	15.857	2164	2171	2181	rBV	2935937	4539416	58.59%	10.767%
11	17.145	2382	2390	2395	rBV	1636202	2114532	27.29%	5.015%
12	18.080	2544	2549	2564	rBV	642790	1147836	14.81%	2.722%
13	19.280	2747	2753	2755	rBV2	149739	280807	3.62%	0.666%
14	19.333	2755	2762	2771	rVV	1129935	2411652	31.13%	5.720%
15	19.410	2771	2775	2792	rVB	617841	1064811	13.74%	2.526%
16	19.645	2812	2815	2819	rVB	102782	124510	1.61%	0.295%
17	19.869	2847	2853	2864	rVB	6115991	7748047	100.00%	18.377%
18	20.445	2947	2951	2962	rBV3	150700	347513	4.49%	0.824%
19	21.257	3084	3089	3106	rVB	363024	700882	9.05%	1.662%
20	21.580	3137	3144	3150	rBV2	1664874	2762764	35.66%	6.553%
21	24.933	3705	3714	3727	rVB	995014	2772533	35.78%	6.576%

Sum of corrected areas: 42161115

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024440.D
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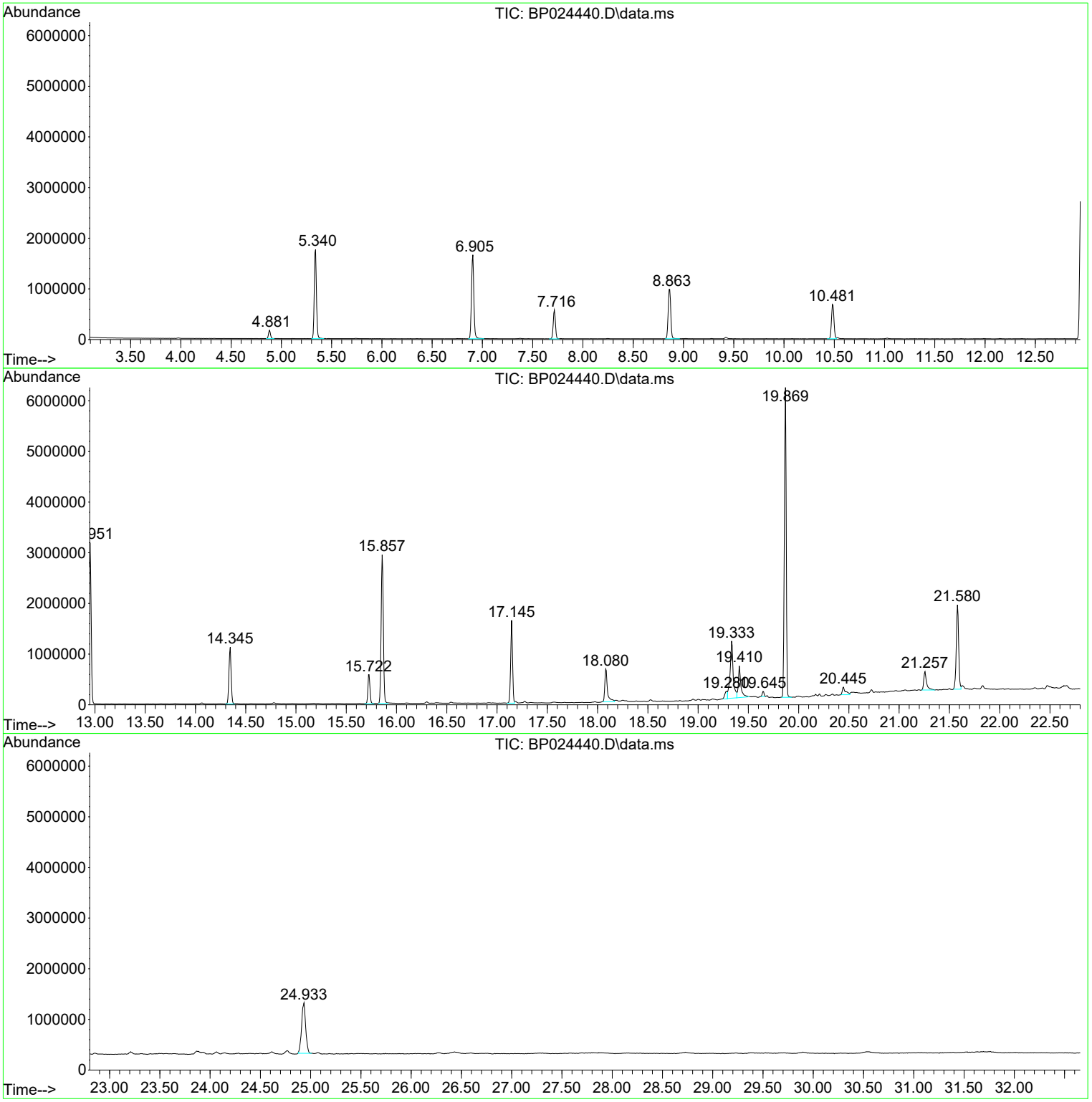
Operator : RC/JU
Sample : Q1874-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024440.D
Acq On : 28 Apr 2025 17:02
Operator : RC/JU
Sample : Q1874-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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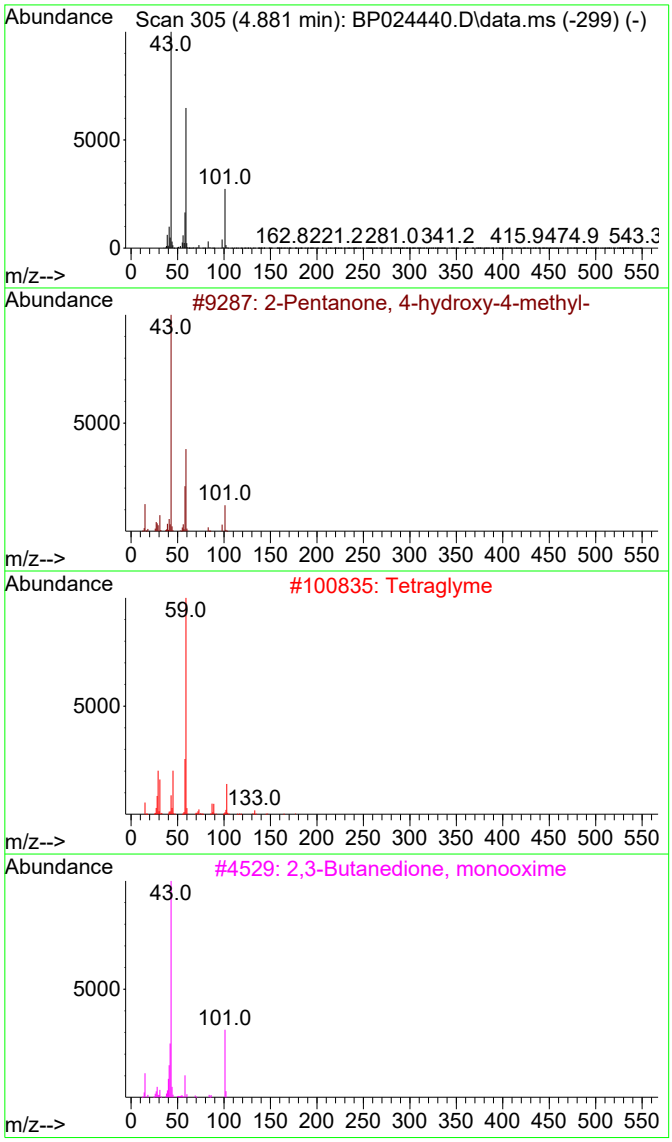
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

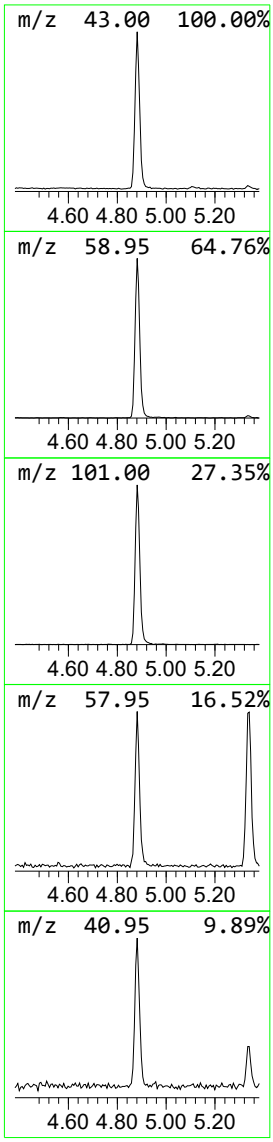
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	5.19 ng	220989	1,4-Dichlorobenzene-d4	7.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Tetraglyme	222	C10H22O5	000143-24-8	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





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Data File : BP024440.D
Acq On : 28 Apr 2025 17:02
Operator : RC/JU
Sample : Q1874-05
Misc :
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Instrument :
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ClientSampleId :
HT3727

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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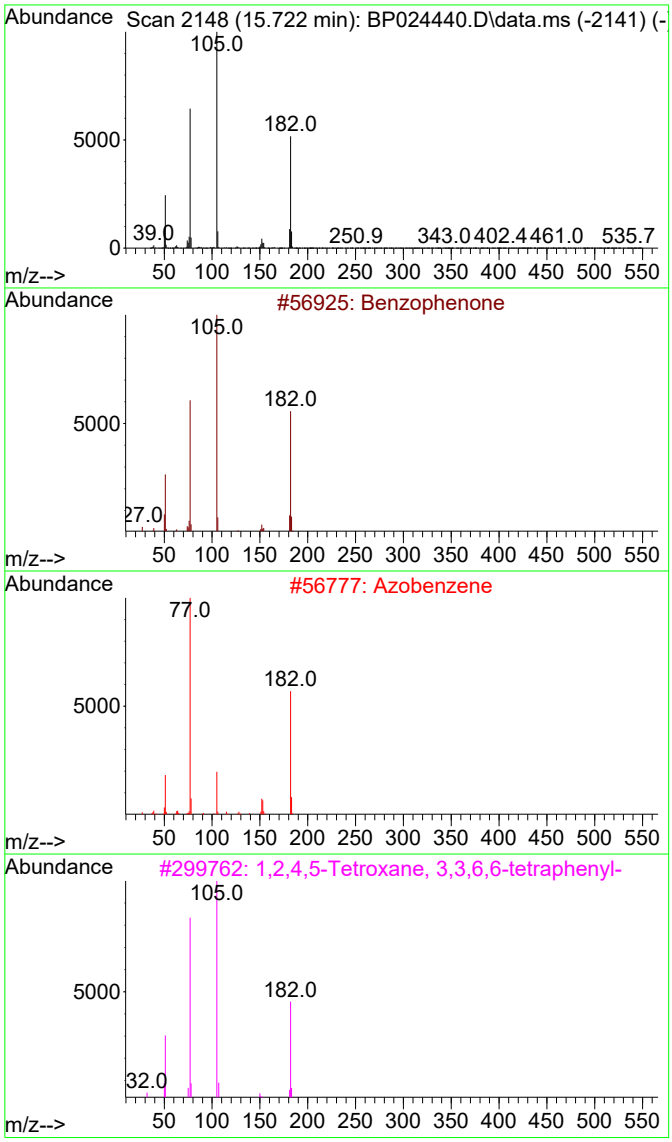
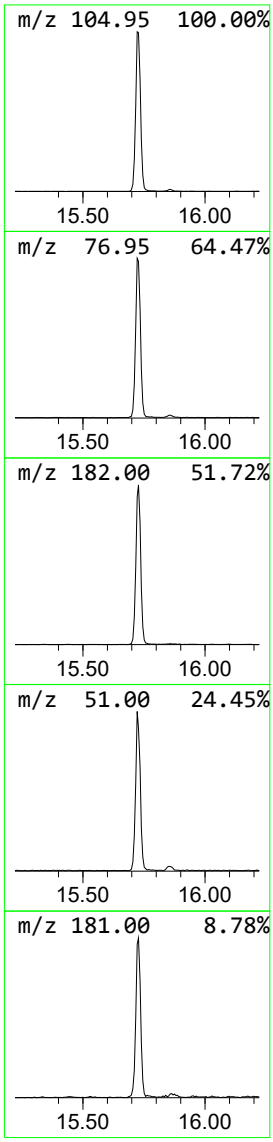
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	9.79 ng	817350	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56





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Data File : BP024440.D
Acq On : 28 Apr 2025 17:02
Operator : RC/JU
Sample : Q1874-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

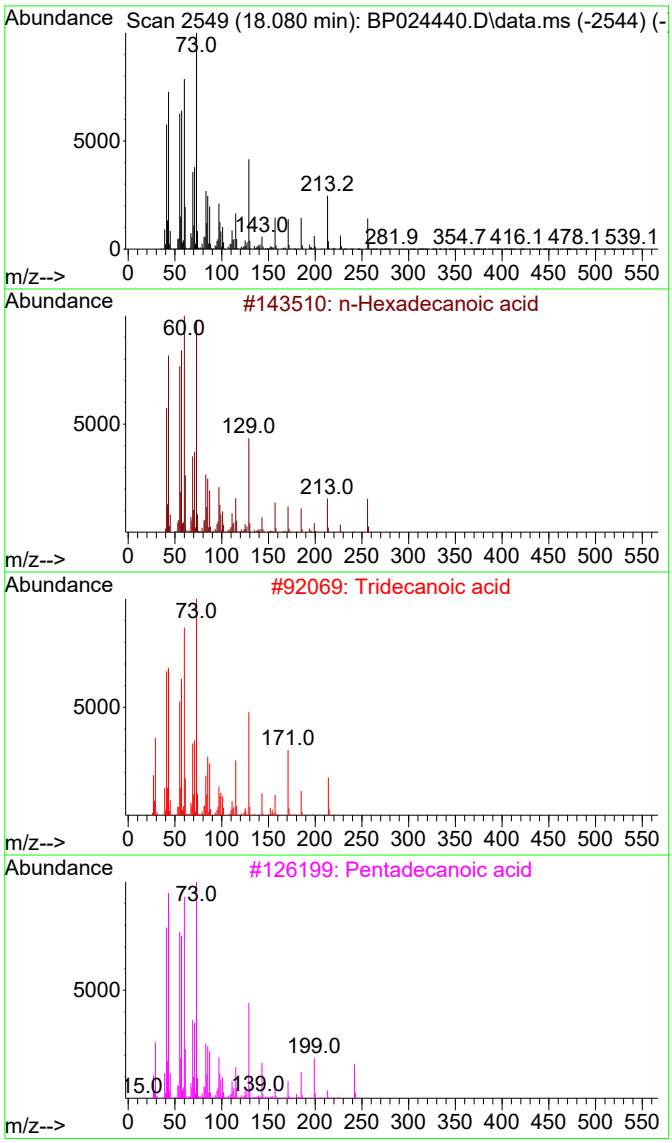
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

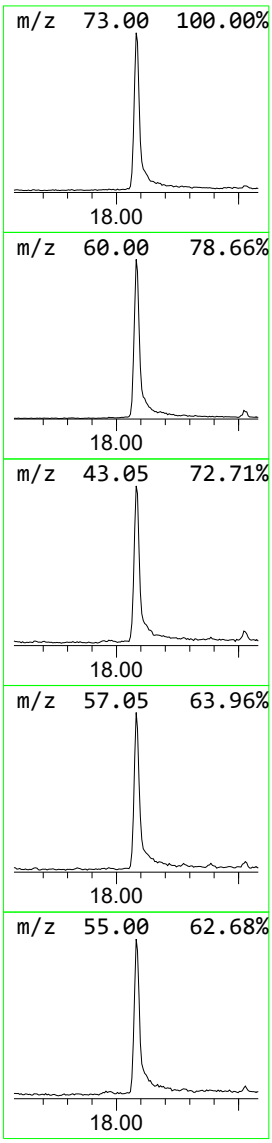
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	10.86 ng	1147840	Phenanthrene-d10	17.145

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024440.D
Acq On : 28 Apr 2025 17:02
Operator : RC/JU
Sample : Q1874-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

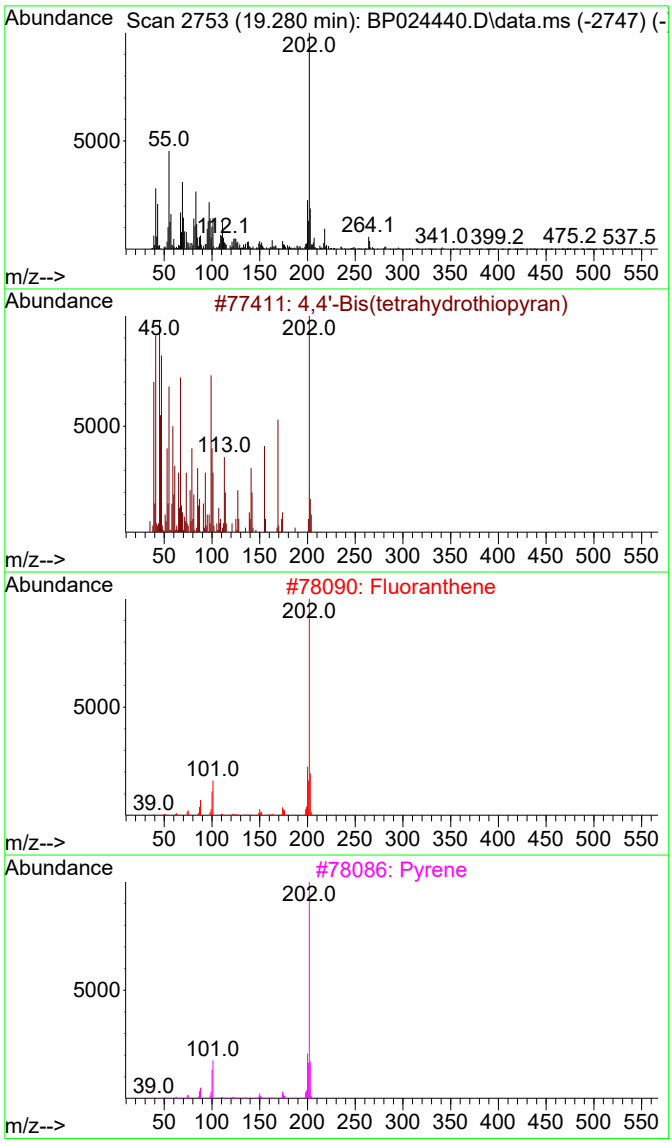
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

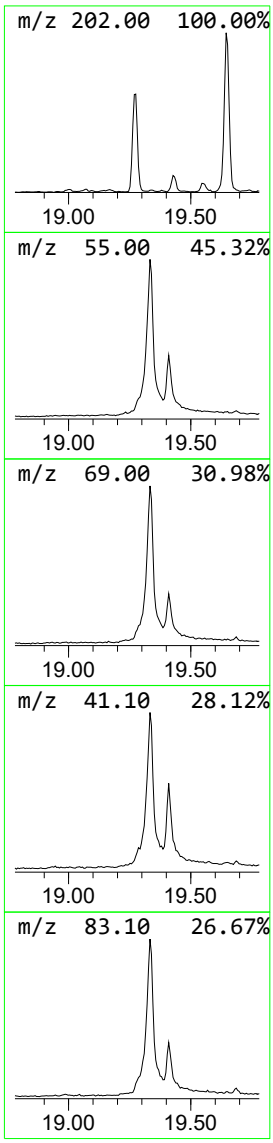
****

Peak Number 4 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	2.66 ng	280807	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	95
2	Fluoranthene	202	C16H10	000206-44-0	78
3	Pyrene	202	C16H10	000129-00-0	60
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	53
5	Di-1H-pyrrol-1-yl-isopropenylsilane	202	C11H14N2Si	1000306-57-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024440.D
Acq On : 28 Apr 2025 17:02
Operator : RC/JU
Sample : Q1874-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

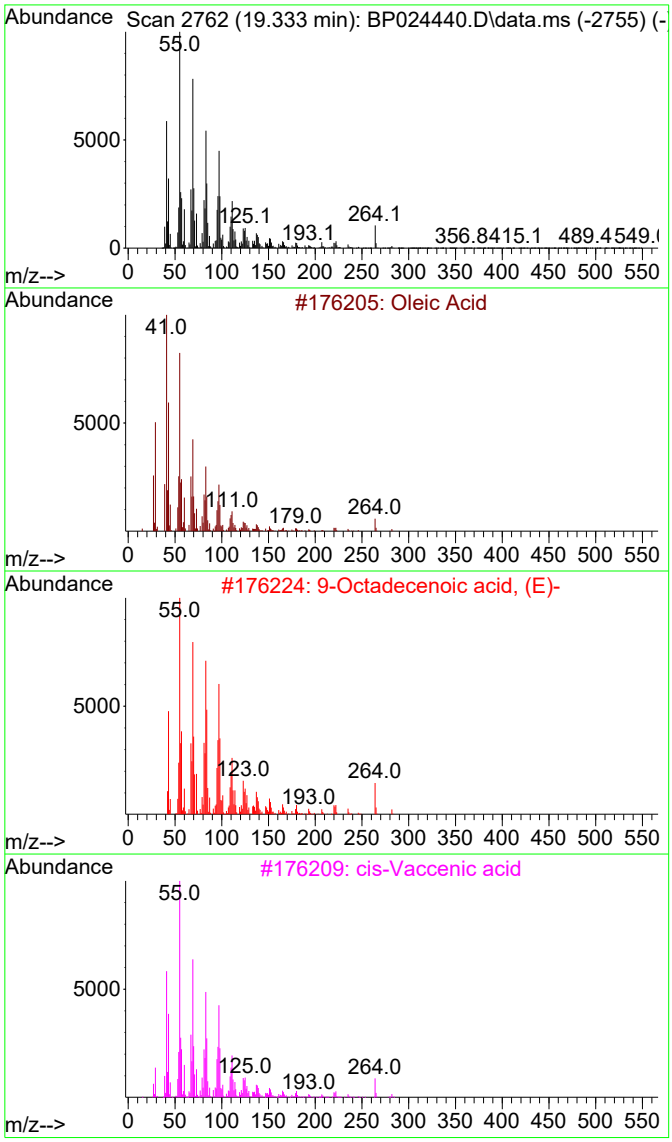
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

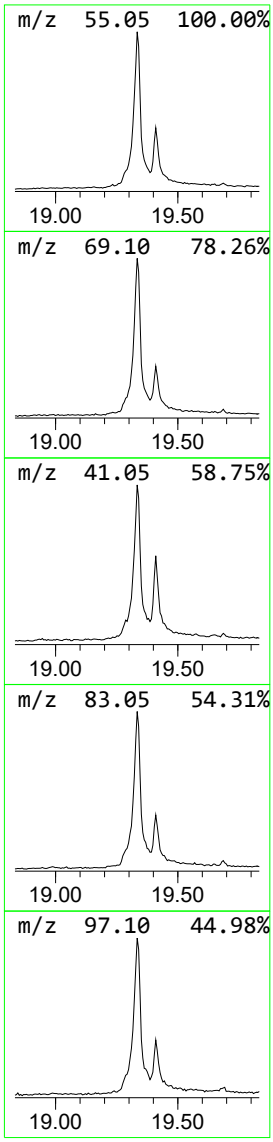
****

Peak Number 5 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	22.81 ng	2411650	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	86
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	83
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	83
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	78
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64





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Sample : Q1874-05
Misc :
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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

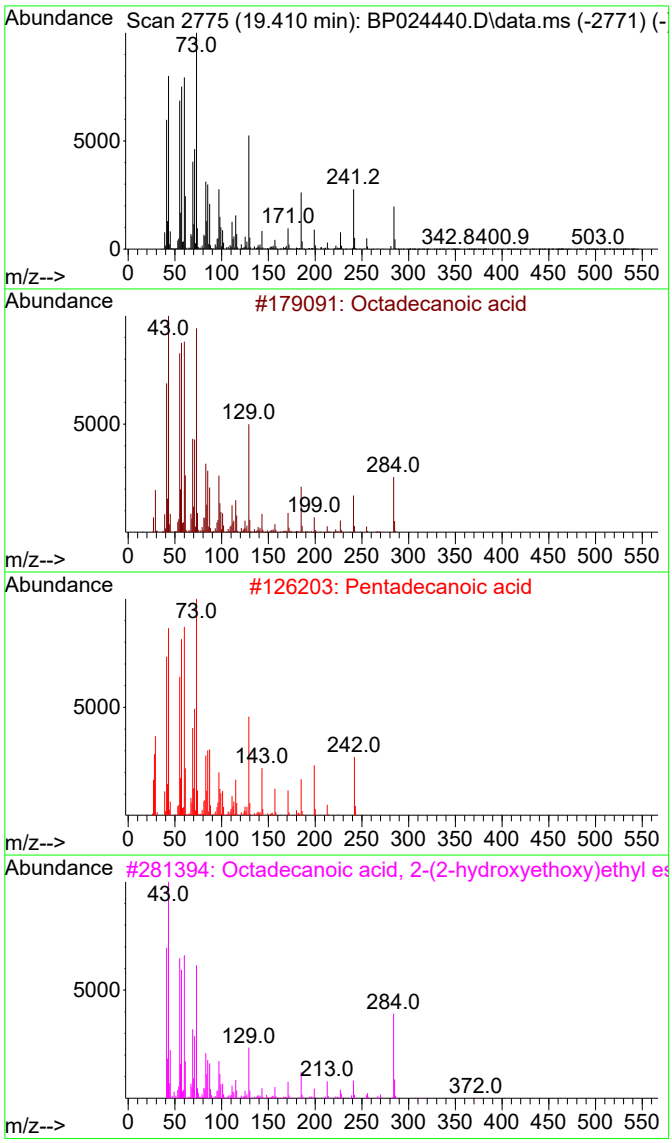
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

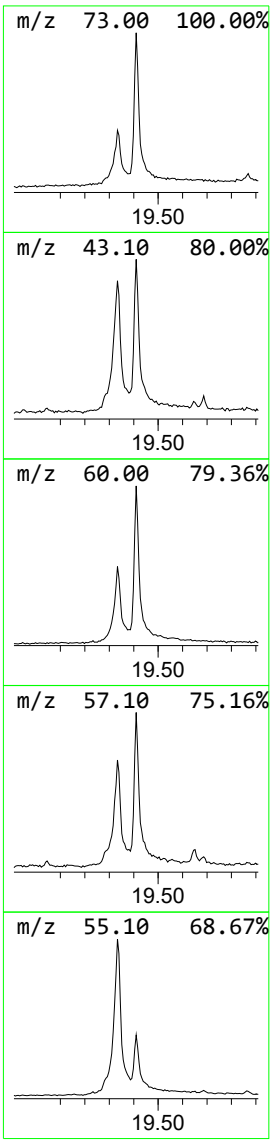
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	7.71 ng	1064810	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





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Sample : Q1874-05
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

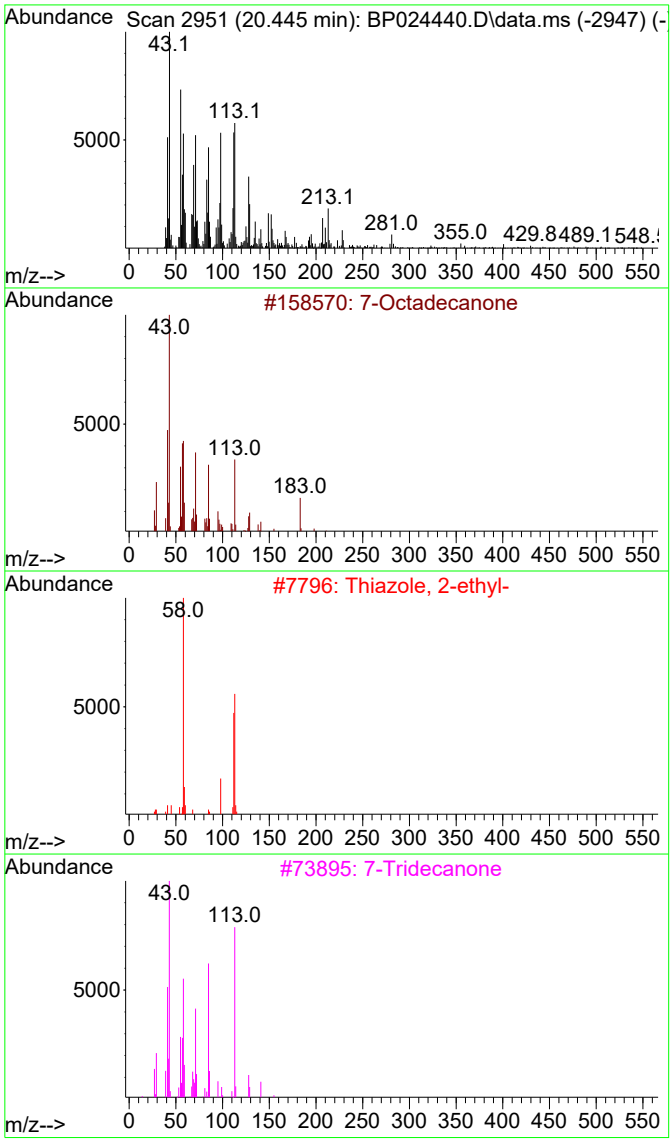
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

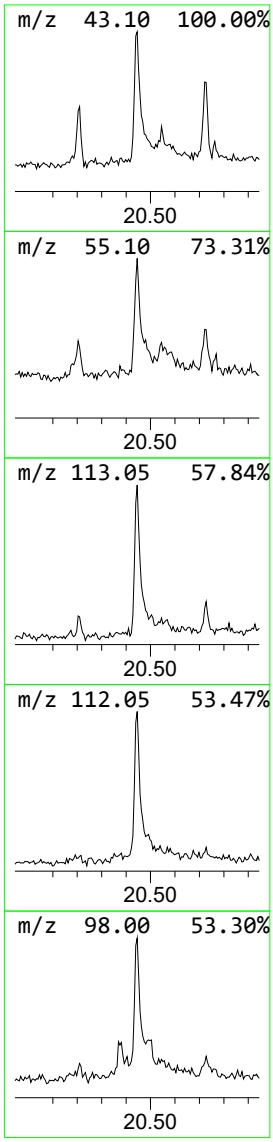
****

Peak Number 7 unknown20.445 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	2.52 ng	347513	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octadecanone	268	C18H36O	018277-00-4	49
2	Thiazole, 2-ethyl-	113	C5H7NS	015679-09-1	43
3	7-Tridecanone	198	C13H26O	000462-18-0	35
4	7-Hexadecanone	240	C16H32O	1000341-96-8	27
5	6-Undecanone	170	C11H22O	000927-49-1	25





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BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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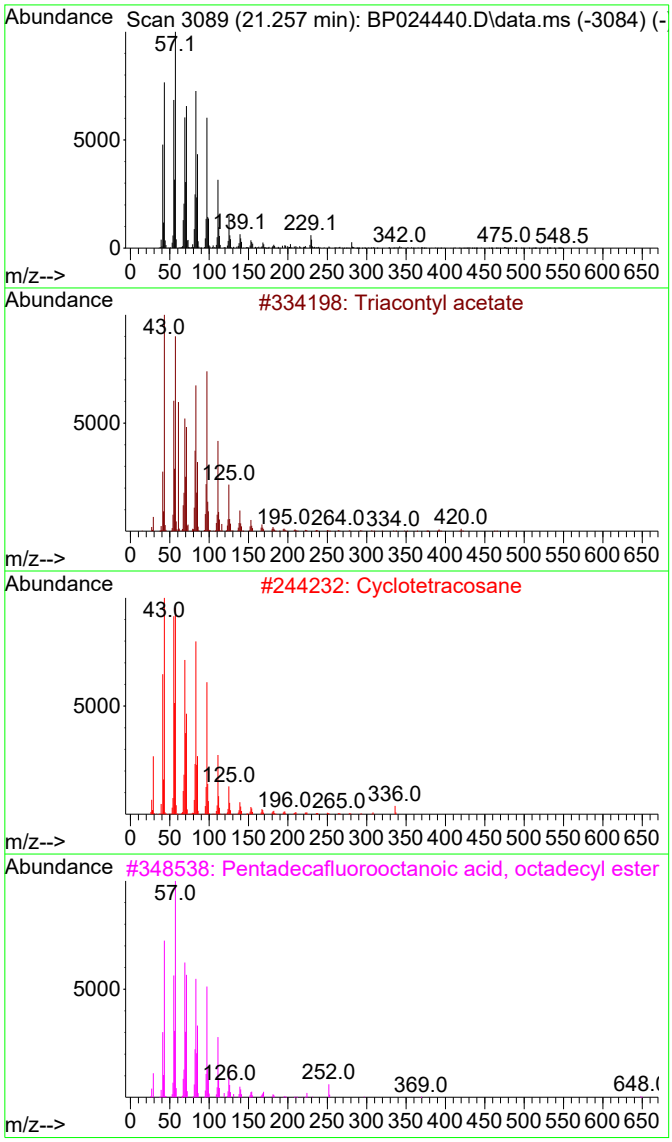
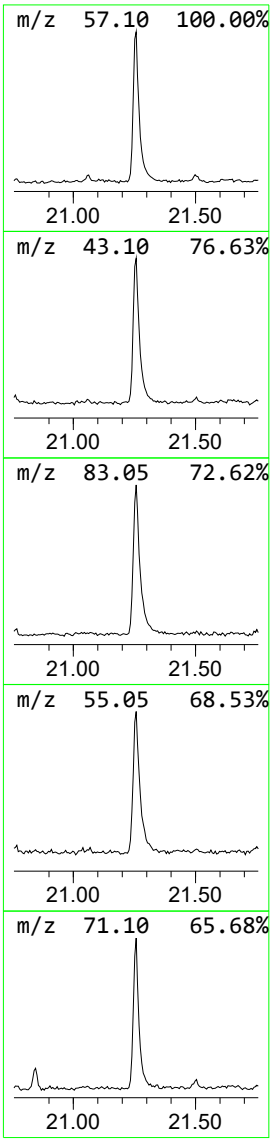
****

Peak Number 8 Triacontyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	5.07 ng	700882	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	96
2	Cyclotetracosane	336	C24H48	000297-03-0	96
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
5	1-Hexacosene	364	C26H52	018835-33-1	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.881	5.2	ng	220989	1	7.716	851997	20.0
Benzophenone	15.722	9.8	ng	817350	3	14.345	1669210	20.0
n-Hexadecanoic ...	18.081	10.9	ng	1147840	4	17.145	2114530	20.0
4,4'-Bis(tetrah...	19.280	2.7	ng	280807	4	17.145	2114530	20.0
Oleic Acid	19.333	22.8	ng	2411650	4	17.145	2114530	20.0
Octadecanoic acid	19.410	7.7	ng	1064810	5	21.580	2762760	20.0
unknown20.445	20.445	2.5	ng	347513	5	21.580	2762760	20.0
Triacontyl acetate	21.257	5.1	ng	700882	5	21.580	2762760	20.0