LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024441.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : Q1889-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1

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: BP024441.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	314	rBV	178551	248681	2.91%	0.617%
2	5.334	376	382	400	rBV	2165897	3094029	36.26%	7.674%
3	6.898	637	648	665	rBV	2098650	3247758	38.07%	8.055%
4	7.716	780	787	795	rBV	474987	732513	8.59%	1.817%
5	8.863	974	982	995	rBV	1200702	2017464	23.65%	5.004%
6	10.486	1250	1258	1269	rBV	573184	992093	11.63%	2.461%
7	12.951	1670	1677	1693	rBV	3049523	4413954	51.74%	10.947%
8	14.345	1906	1914	1925	rBV	881426	1315424	15.42%	3.262%
9	15.721	2142	2148	2162	rBV	363559	497574	5.83%	1.234%
10	15.857	2164	2171	2187	rBV	3364142	5004390	58.66%	12.412%
11	17.145	2382	2390	2403	rBV2	1016451	1636352	19.18%	4.058%
12	18.080	2543	2549	2557	rBV	439915	686477	8.05%	1.703%
13	19.333	2750	2762	2772	rBV	954123	2032045	23.82%	5.040%
14	19.410	2772	2775	2792	rVB	359850	665770	7.80%	1.651%
15	19.868	2847	2853	2862	rBV	7048900	8531789	100.00%	21.160%
16	20.445	2947	2951	2961	rBV4	72943	186855	2.19%	0.463%
17	21.256	3084	3089	3098	rBV2	196375	426075	4.99%	1.057%
18	21.580	3139	3144	3153	rBV2	1251313	2086805	24.46%	5.176%
19	24.927	3705	3713	3730	rVB2	879330	2503923	29.35%	6.210%

Sum of corrected areas: 40319971

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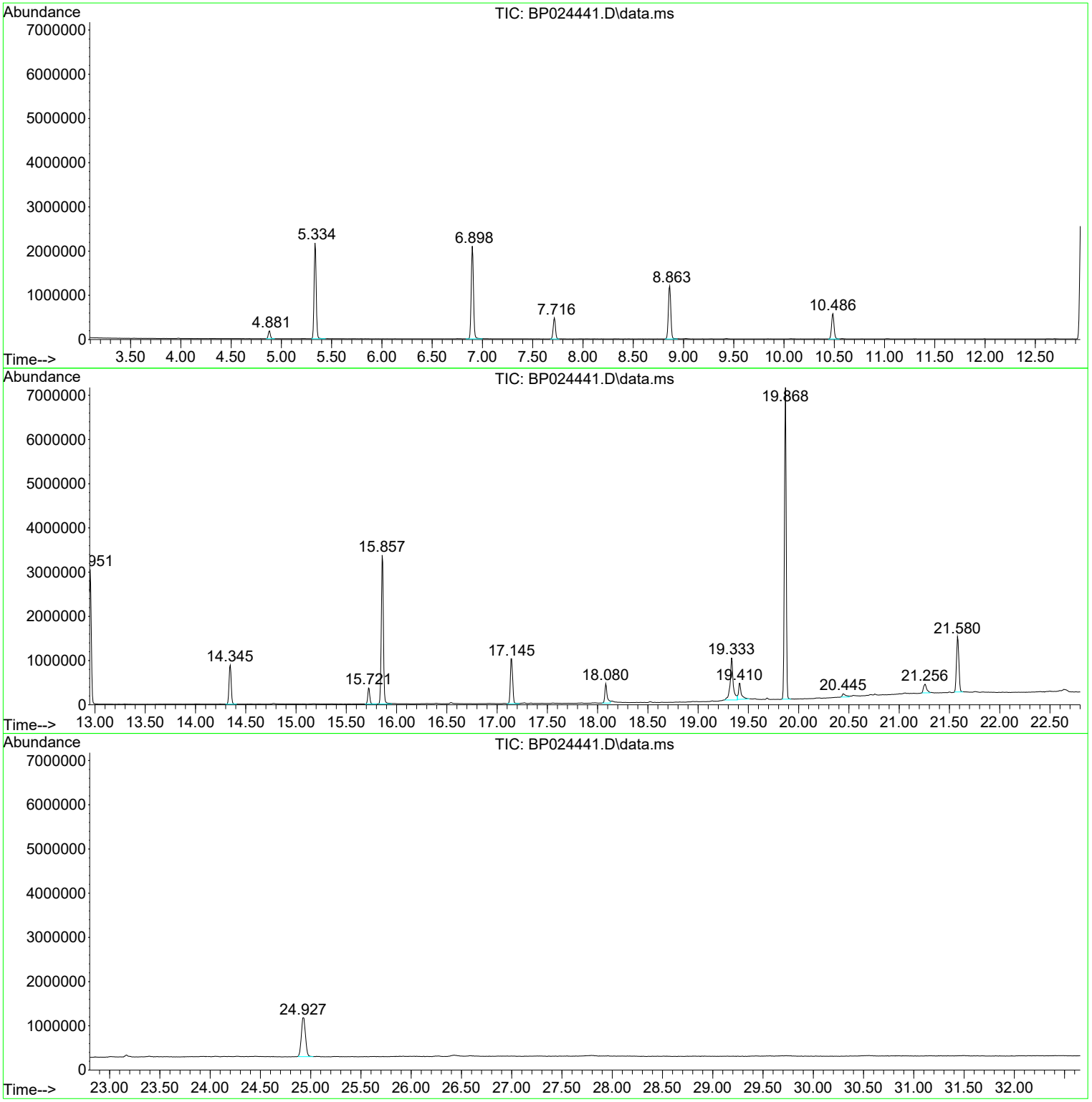
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP024441.D
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Sample : Q1889-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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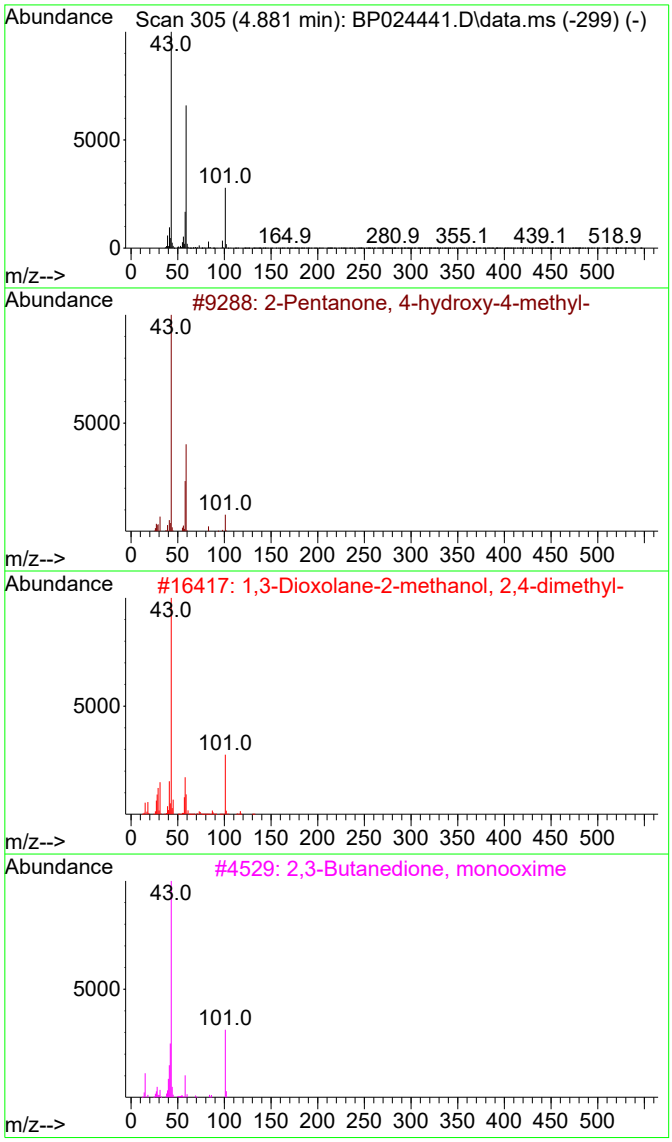
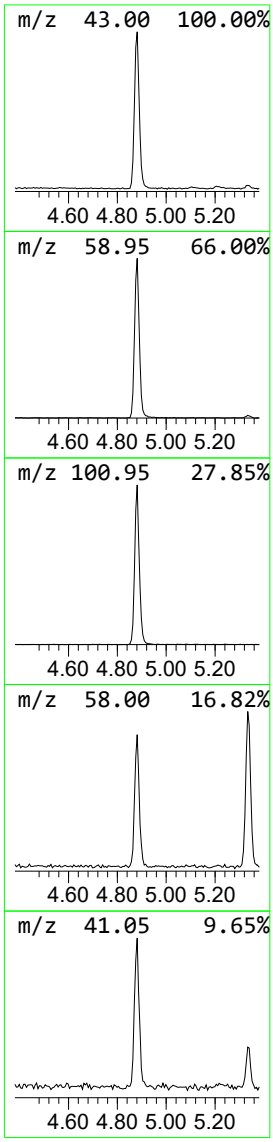
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	6.79 ng	248681	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	56
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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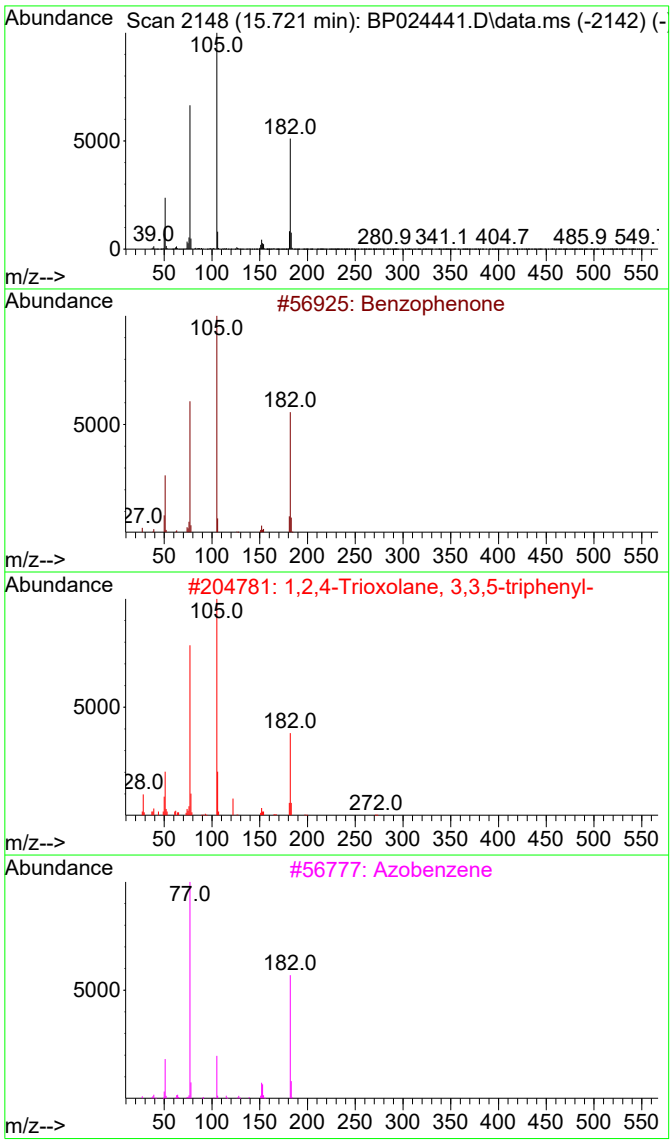
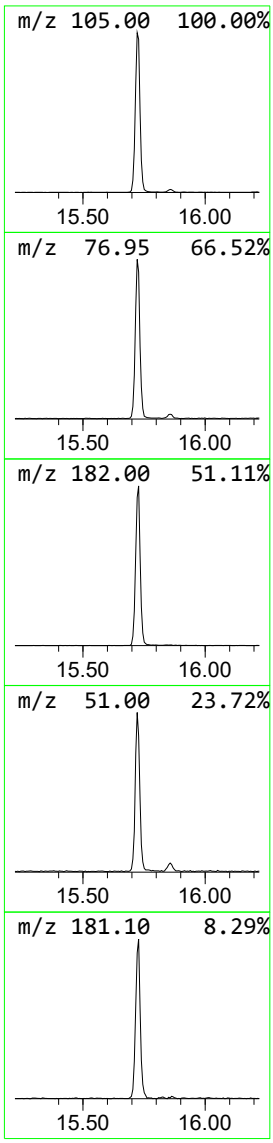
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	7.57 ng	497574	Acenaphthene-d10	14.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Azobenzene	182	C12H10N2	000103-33-3	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	25





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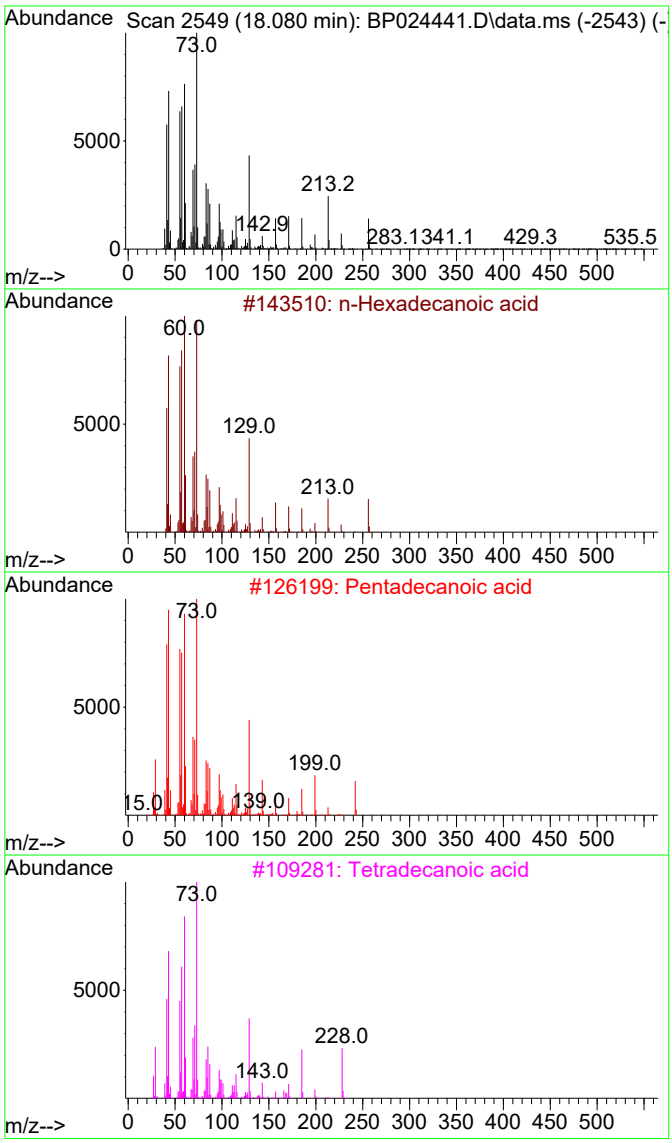
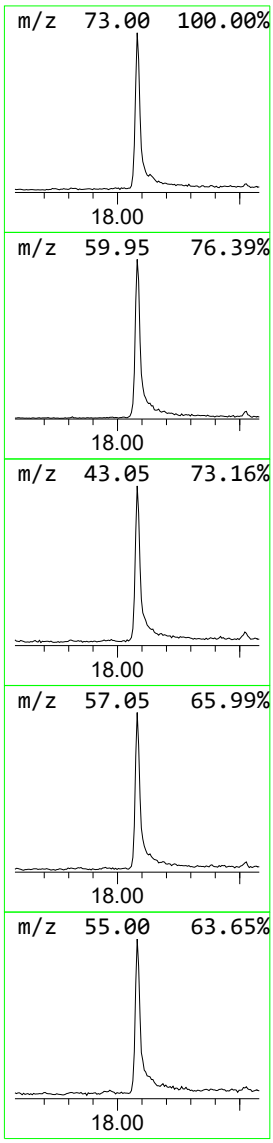
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	8.39 ng	686477	Phenanthrene-d10	17.139

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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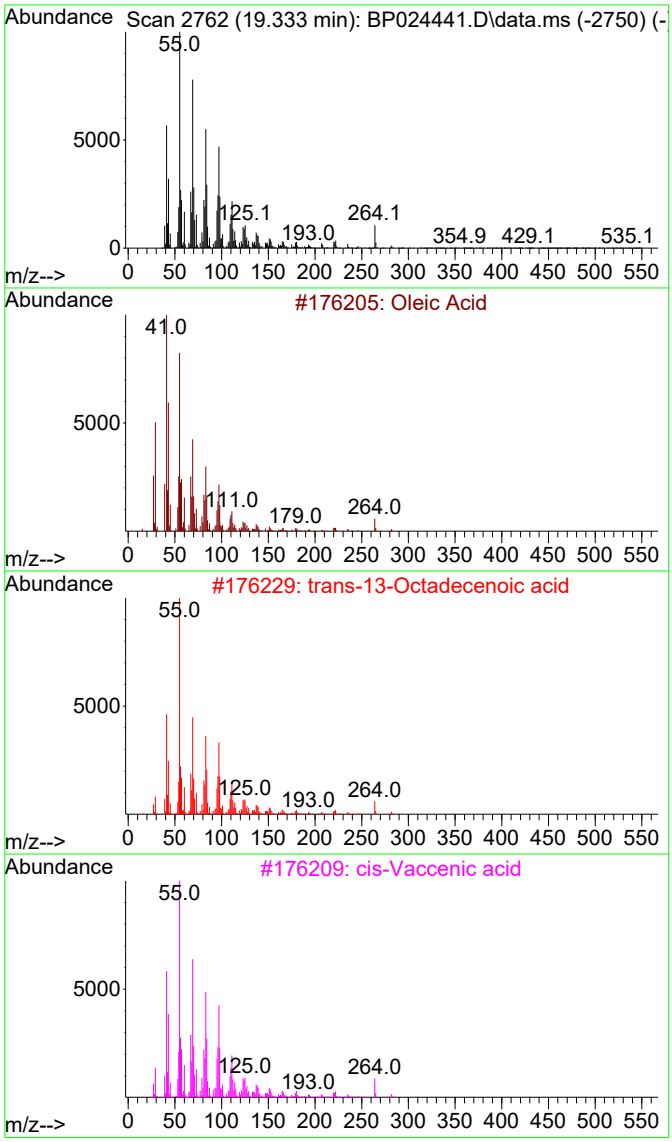
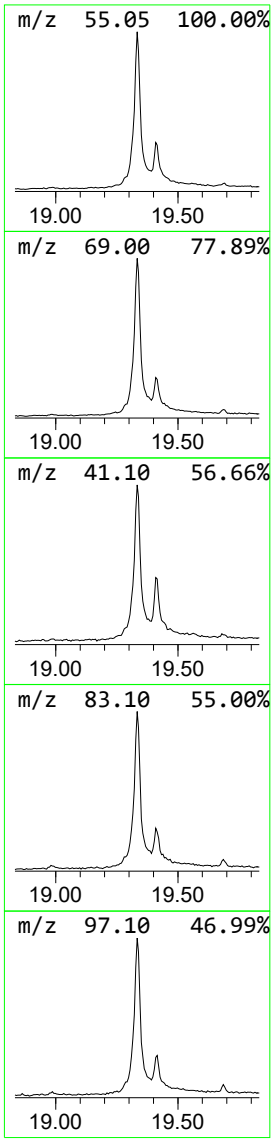
Peak Number 4 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	24.84 ng	2032050	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	98
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	97
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	97
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95





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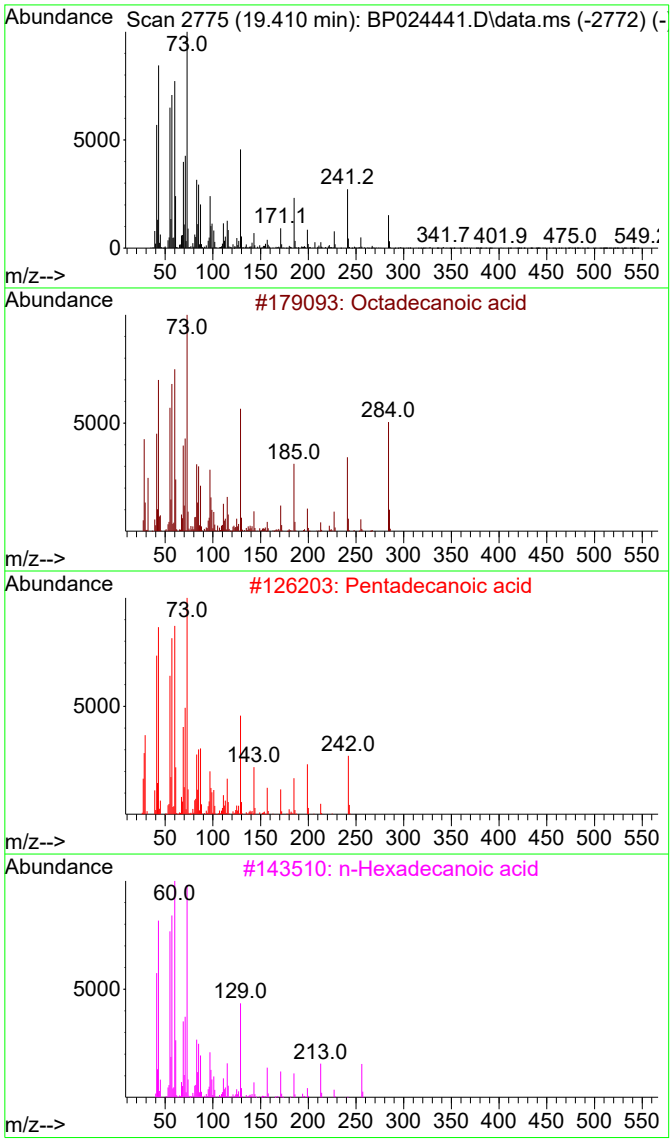
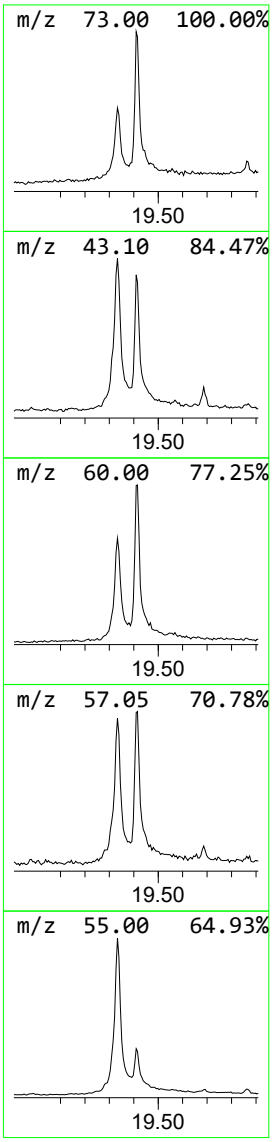
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	6.38 ng	665770	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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Misc :
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Instrument :
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ClientSampleId :
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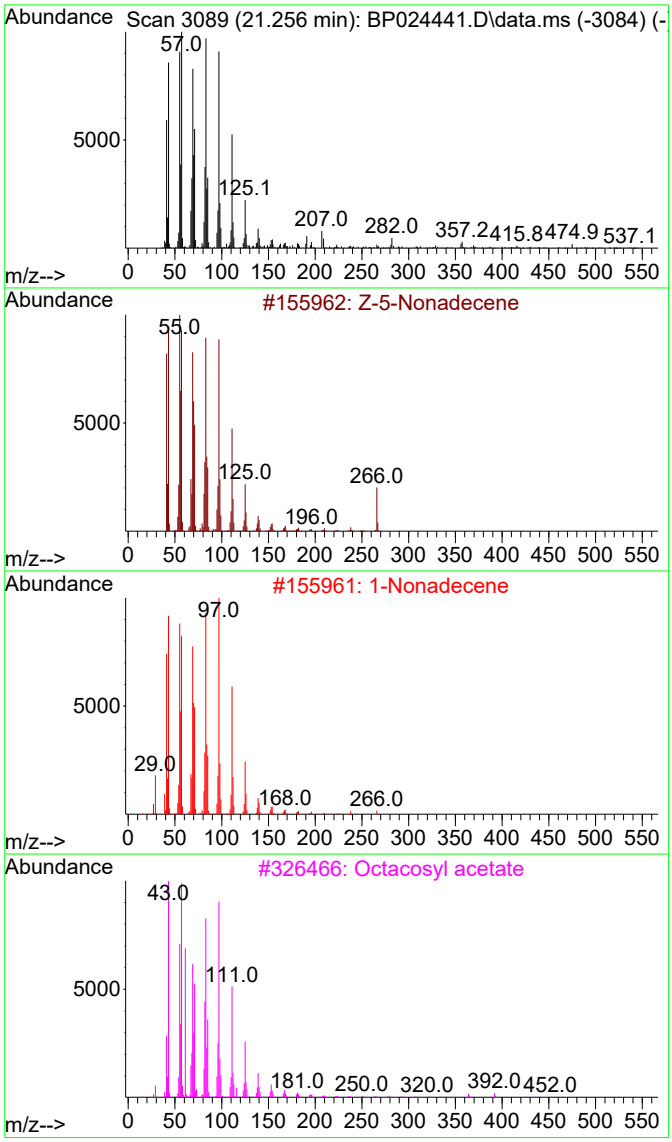
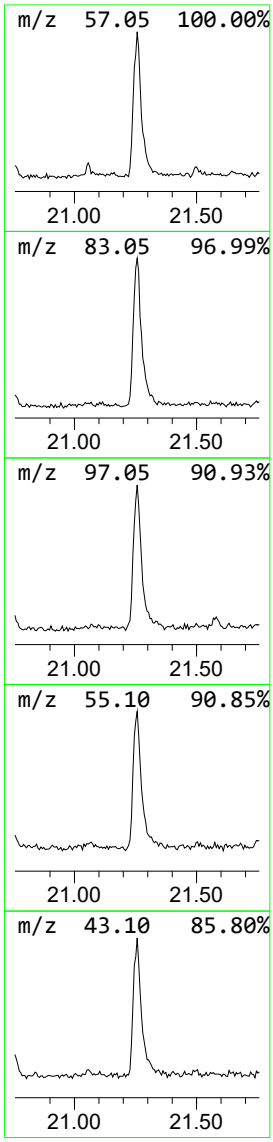
Peak Number 6 Z-5-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	4.08 ng	426075	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	96
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Octacosyl acetate	452	C30H60O2	018206-97-8	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.881	6.8	ng	248681	1	7.716	732513	20.0
Benzophenone	15.722	7.6	ng	497574	3	14.345	1315420	20.0
n-Hexadecanoic ...	18.080	8.4	ng	686477	4	17.139	1636350	20.0
Oleic Acid	19.333	24.8	ng	2032050	4	17.139	1636350	20.0
Octadecanoic acid	19.410	6.4	ng	665770	5	21.580	2086810	20.0
Z-5-Nonadecene	21.256	4.1	ng	426075	5	21.580	2086810	20.0