LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024443.D
Acq On : 28 Apr 2025 19:04
Operator : RC/JU
Sample : Q1892-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-H

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: BP024443.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	300	305	312	rBV	134601	185070	3.03%	0.547%
2	5.340	376	383	402	rBV	1646502	2317736	37.97%	6.853%
3	6.904	640	649	668	rBV	1445438	2390945	39.17%	7.070%
4	7.716	778	787	795	rBV	532497	821721	13.46%	2.430%
5	8.863	974	982	992	rBV	882892	1505871	24.67%	4.453%
6	10.493	1249	1259	1272	rBV	661581	1155202	18.93%	3.416%
7	12.957	1669	1678	1688	rBV	2195874	3503809	57.40%	10.361%
8	14.351	1907	1915	1924	rBV	1026468	1588447	26.02%	4.697%
9	15.722	2142	2148	2156	rBV	315476	438422	7.18%	1.296%
10	15.857	2164	2171	2188	rBV	2302183	3778801	61.91%	11.174%
11	17.139	2383	2389	2397	rBV2	1313379	1991691	32.63%	5.889%
12	17.563	2457	2461	2471	rBV4	32826	77698	1.27%	0.230%
13	18.080	2544	2549	2560	rBV	293253	501983	8.22%	1.484%
14	18.527	2621	2625	2631	rBV	78439	102838	1.68%	0.304%
15	19.339	2751	2763	2772	rBV	678251	1432188	23.46%	4.235%
16	19.416	2772	2776	2793	rVB	213467	459391	7.53%	1.358%
17	19.868	2847	2853	2861	rBV	4969349	6103726	100.00%	18.048%
18	21.268	3086	3091	3101	rBV2	161057	329994	5.41%	0.976%
19	21.592	3140	3146	3158	rVB	1573762	2441292	40.00%	7.219%
20	24.933	3705	3714	3727	rVB	1013581	2691931	44.10%	7.960%

Sum of corrected areas: 33818756

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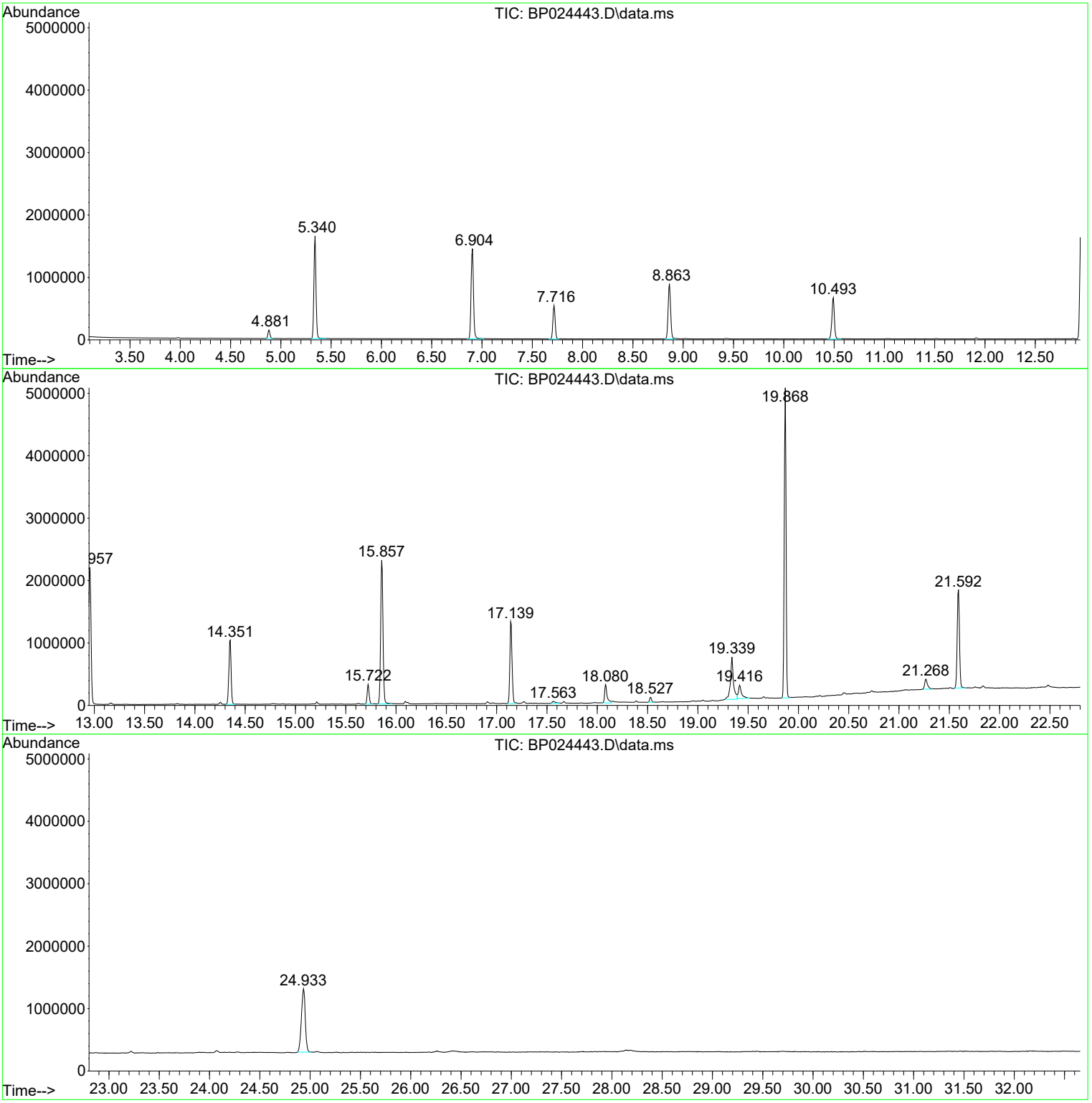
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BP024443.D
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Operator : RC/JU
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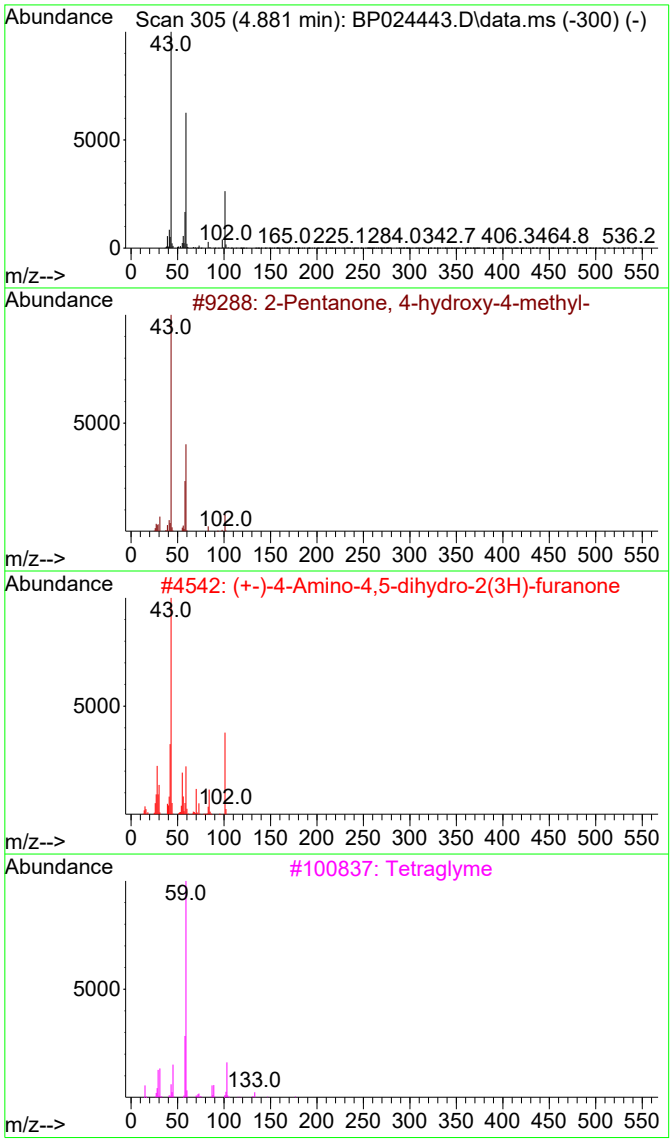
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

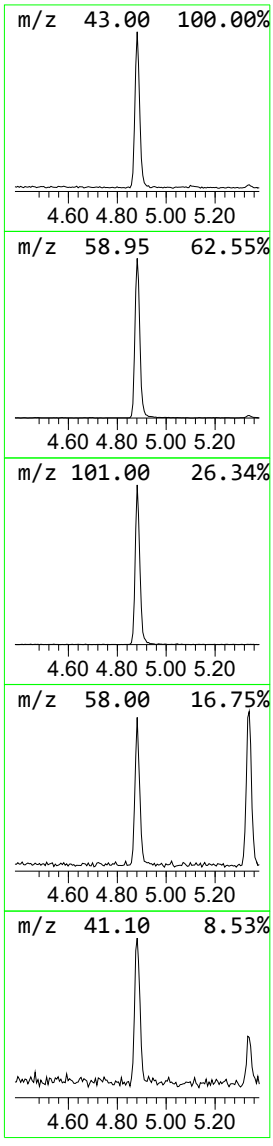
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	4.50 ng	185070	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	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Tetraglyme	222	C10H22O5	000143-24-8	32
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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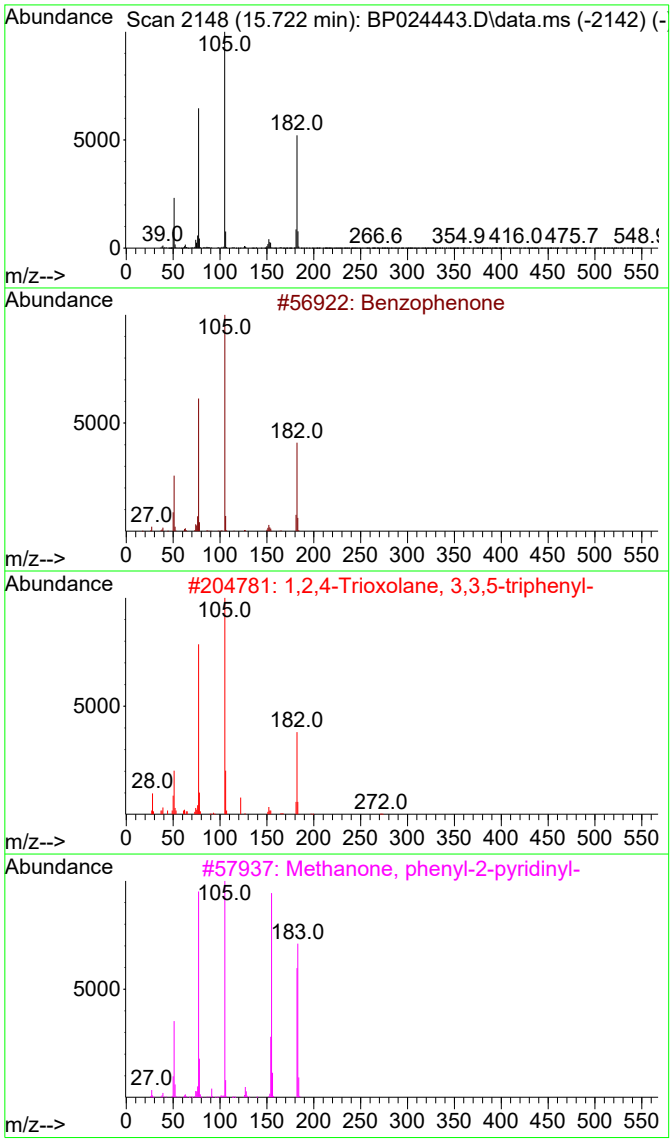
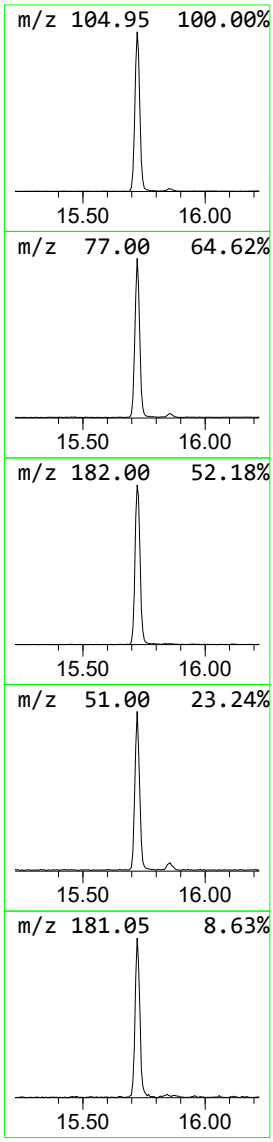
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	5.52 ng	438422	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





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Sample : Q1892-05
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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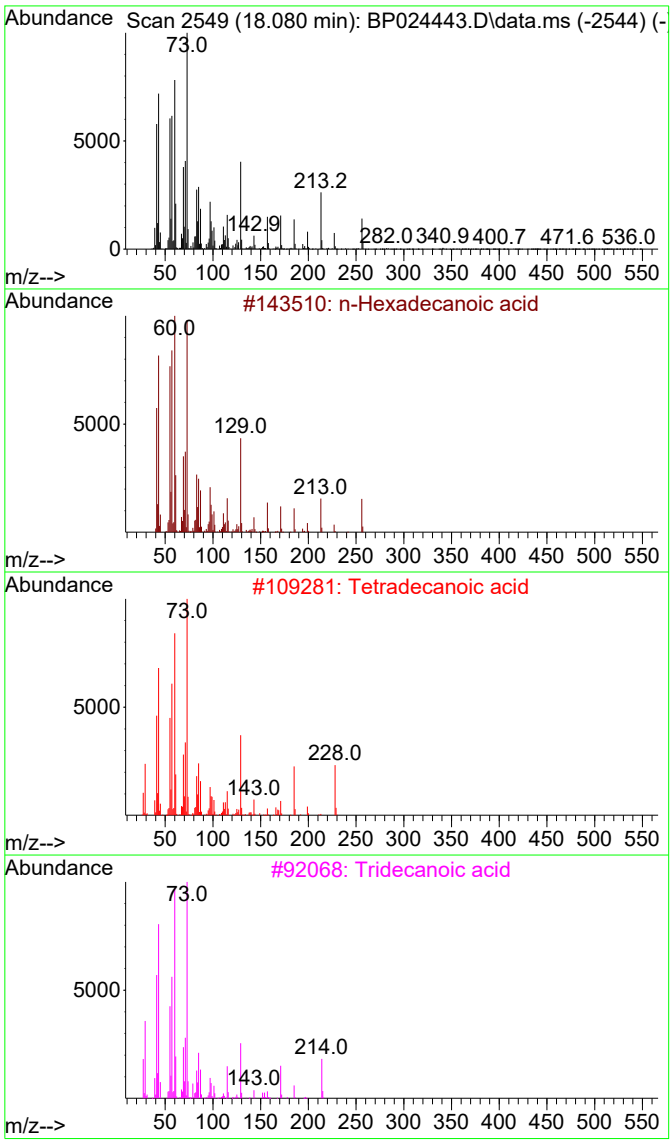
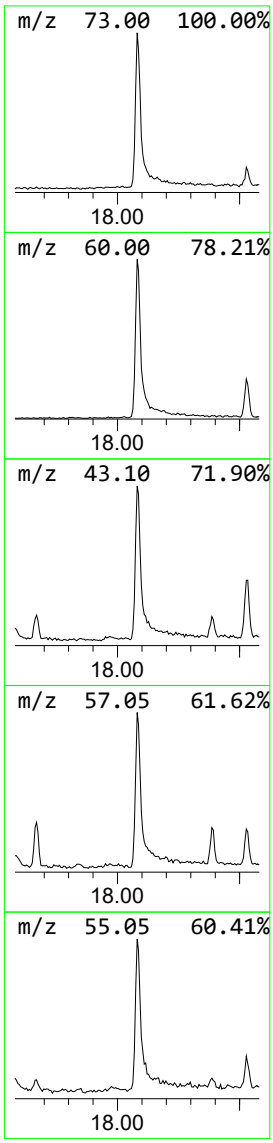
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	5.04 ng	501983	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Sample : Q1892-05
Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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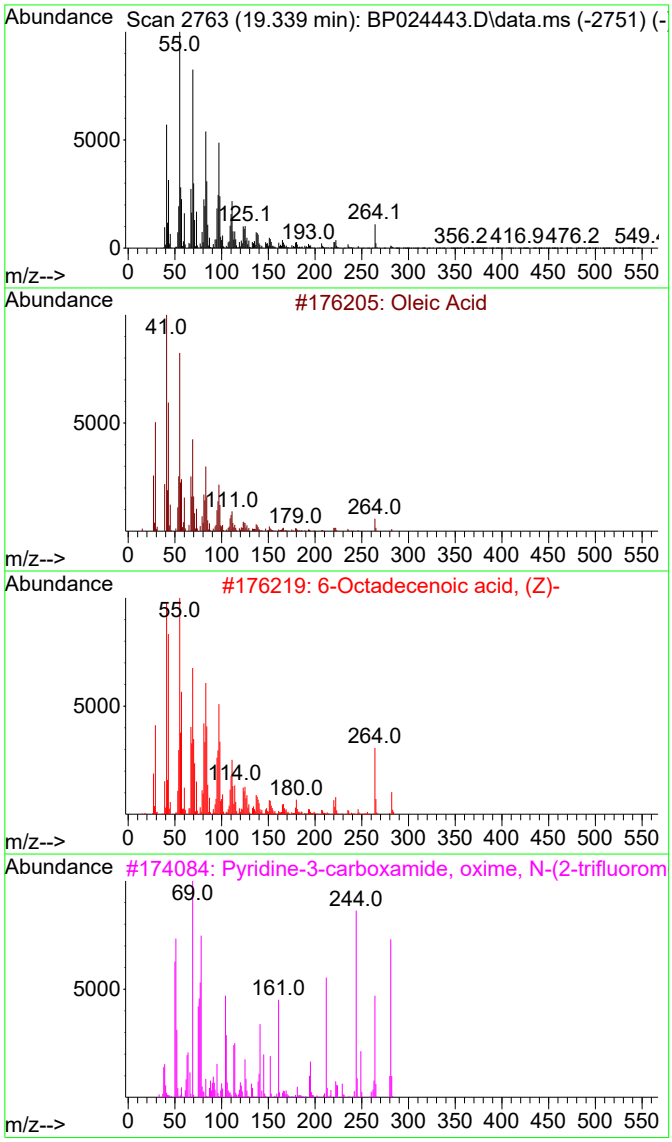
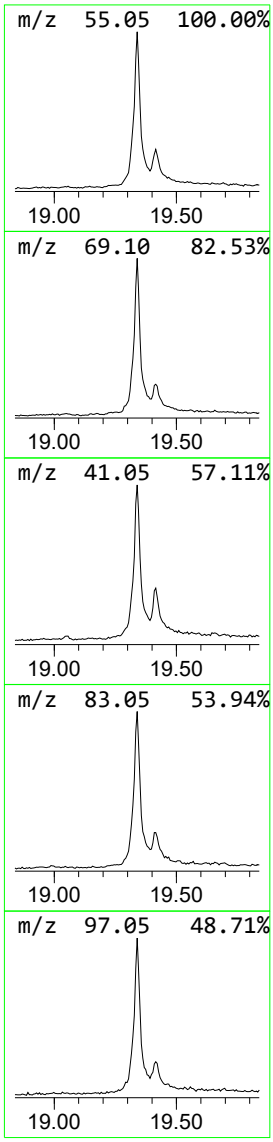
Peak Number 4 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	14.38 ng	1432190	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	98
2	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95
3	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	93
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	89
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86





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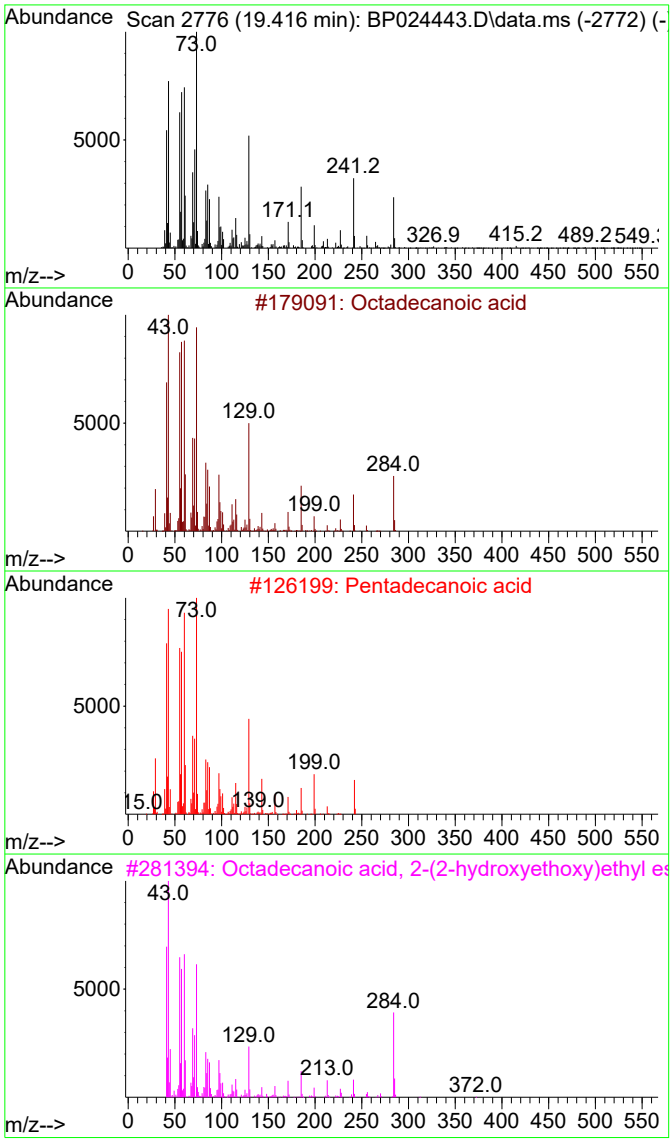
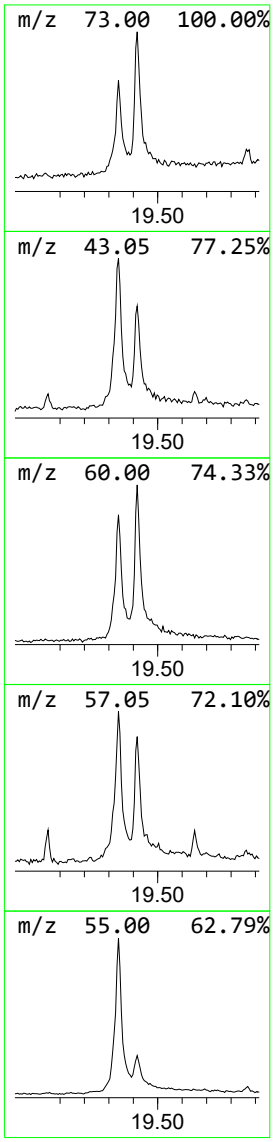
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.416	3.76 ng	459391	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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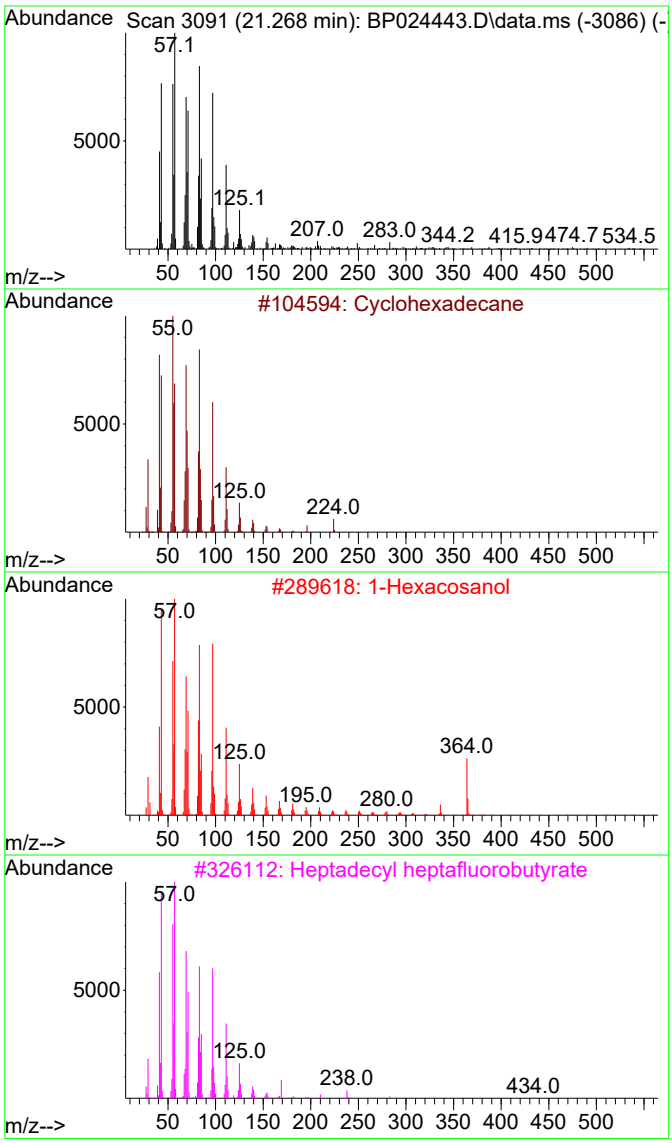
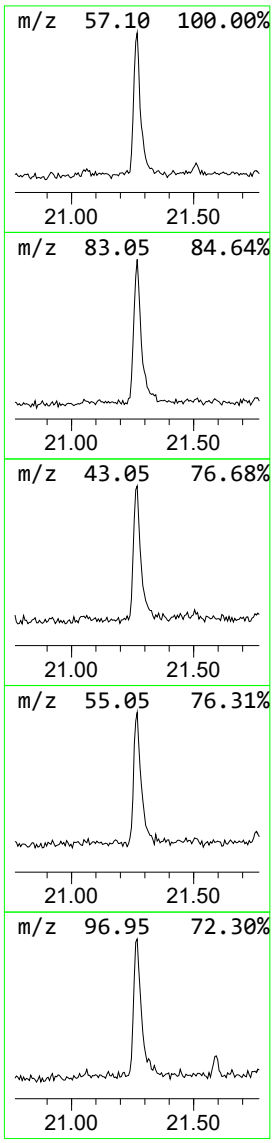
Peak Number 6 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.268	2.70 ng	329994	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Hexacosanol	382	C26H54O	000506-52-5	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Cyclopentadecane	210	C15H30	000295-48-7	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	4.5	ng	185070	1	7.716	821721	20.0
Benzophenone	15.722	5.5	ng	438422	3	14.351	1588450	20.0
n-Hexadecanoic ...	18.080	5.0	ng	501983	4	17.139	1991690	20.0
Oleic Acid	19.339	14.4	ng	1432190	4	17.139	1991690	20.0
Octadecanoic acid	19.416	3.8	ng	459391	5	21.592	2441290	20.0
Cyclohexadecane	21.268	2.7	ng	329994	5	21.592	2441290	20.0