LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015315.D
Acq On : 26 May 2023 18:32
Operator : CG/JU
Sample : 02945-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB17B

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-BP052423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP015315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	330	335	347	rVB	237874	331237	4.71%	0.803%
2	5.634	409	416	428	rBV	2869004	4091334	58.16%	9.913%
3	7.258	682	692	709	rBV	2594098	4107770	58.39%	9.953%
4	8.105	828	836	844	rBV	696734	1079954	15.35%	2.617%
5	9.281	1026	1036	1049	rBV	1580725	2643304	37.57%	6.405%
6	10.934	1310	1317	1326	rBV	826167	1386323	19.71%	3.359%
7	13.369	1724	1731	1748	rBV	3607030	5423864	77.10%	13.142%
8	14.746	1956	1965	1975	rBV	1169925	1697070	24.12%	4.112%
9	16.104	2188	2196	2209	rBV	626583	885771	12.59%	2.146%
10	16.234	2211	2218	2239	rBV	2879511	4235817	60.21%	10.263%
11	16.669	2287	2292	2298	rBV	70118	96369	1.37%	0.233%
12	17.498	2427	2433	2448	rBV	1351434	1973565	28.05%	4.782%
13	18.357	2574	2579	2588	rBV	451976	651527	9.26%	1.579%
14	19.581	2783	2787	2795	rBV	203655	301269	4.28%	0.730%
15	20.034	2859	2864	2875	rBV	5772079	7035018	100.00%	17.045%
16	21.257	3068	3072	3086	rBV2	318912	639171	9.09%	1.549%
17	21.575	3121	3126	3131	rBV	1611783	2270653	32.28%	5.502%
18	24.127	3553	3560	3572	rVB	1139769	2422114	34.43%	5.869%

Sum of corrected areas: 41272130

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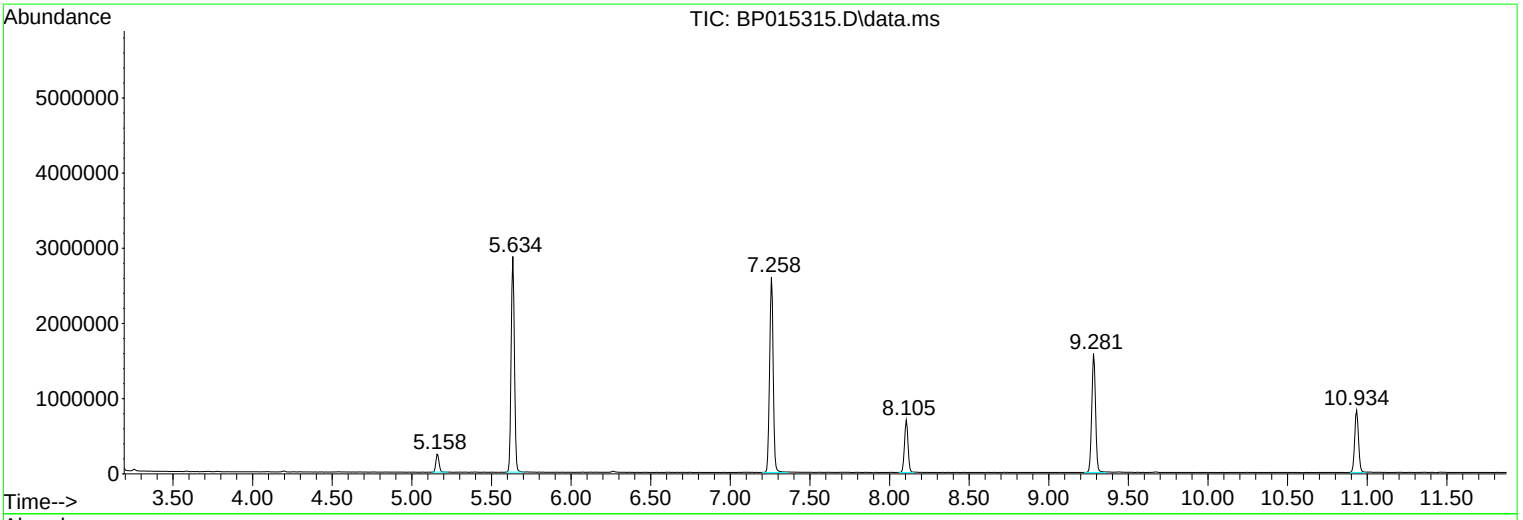
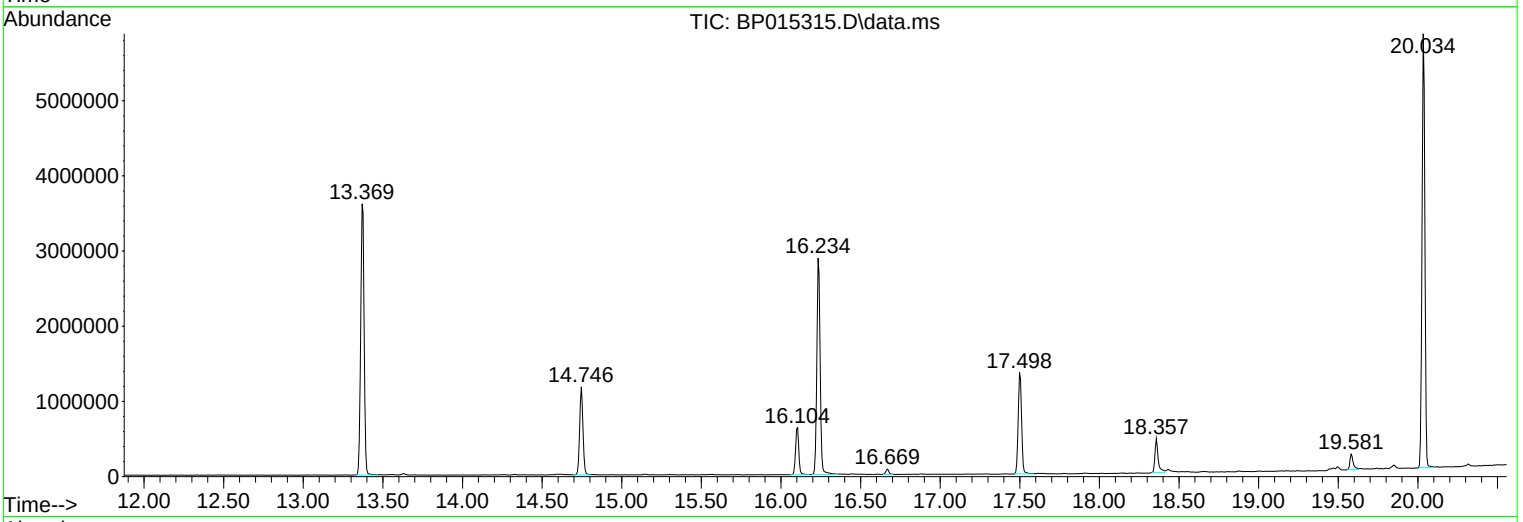
Misc :
ALS Vial : 8 Sample Multiplier: 1

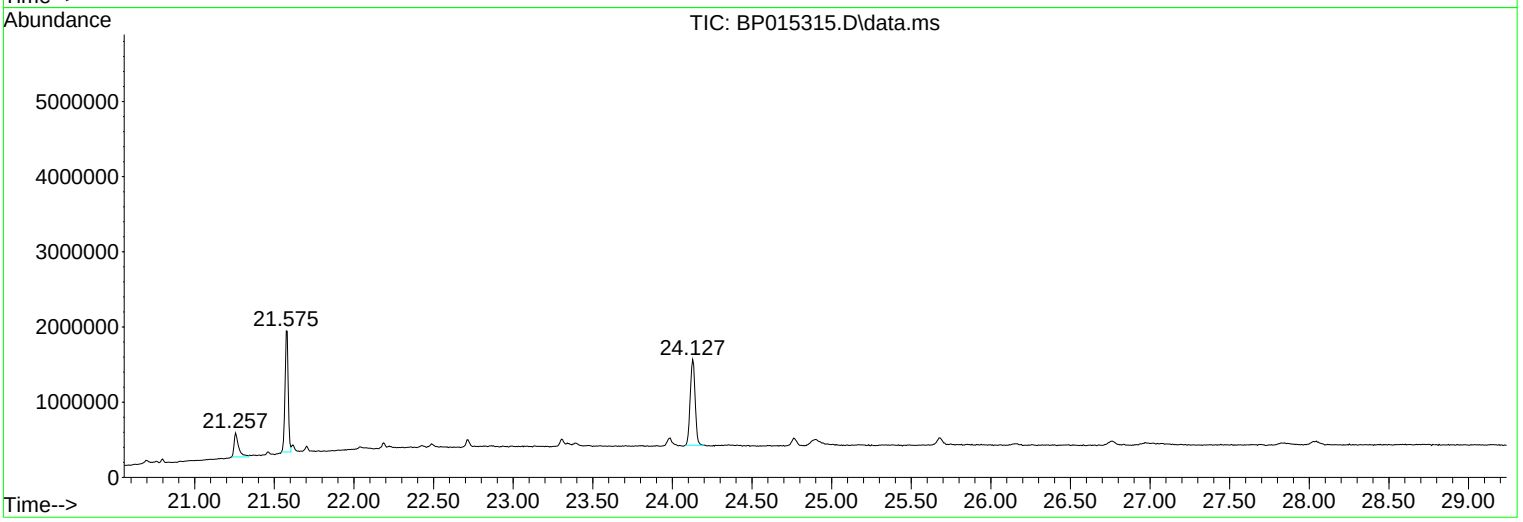
Instrument :
BNA_P
ClientSampleId :
SB17B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.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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Acq On : 26 May 2023 18:32
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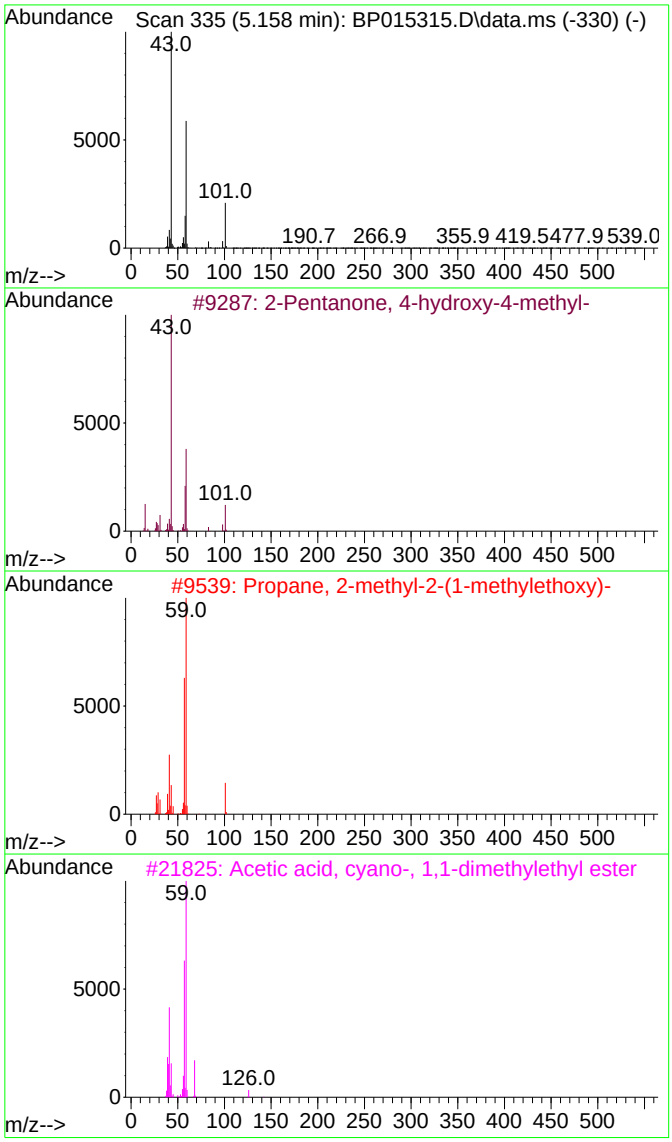
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

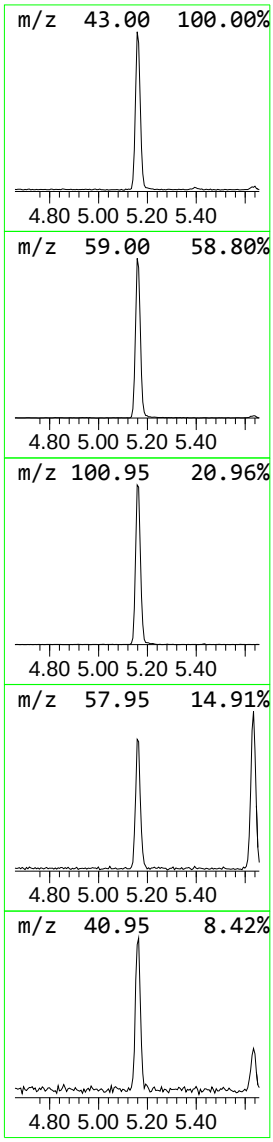
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.158	6.13 ng	331237	1,4-Dichlorobenzene-d4	8.105

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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

TIC Library : C:\Database\NIST20.L
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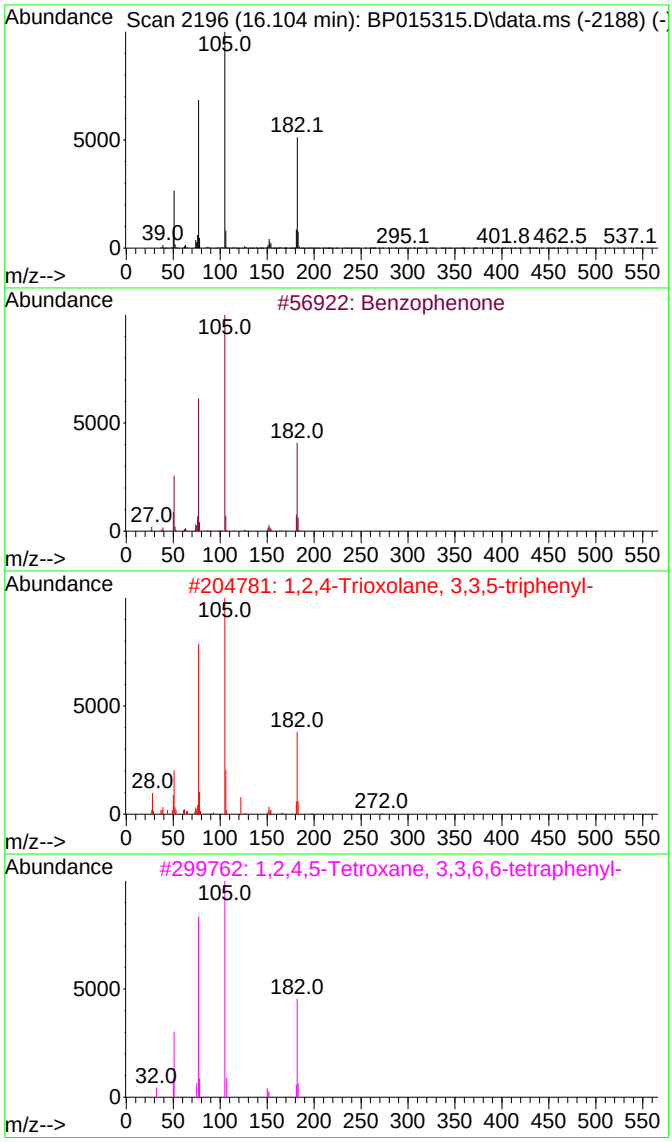
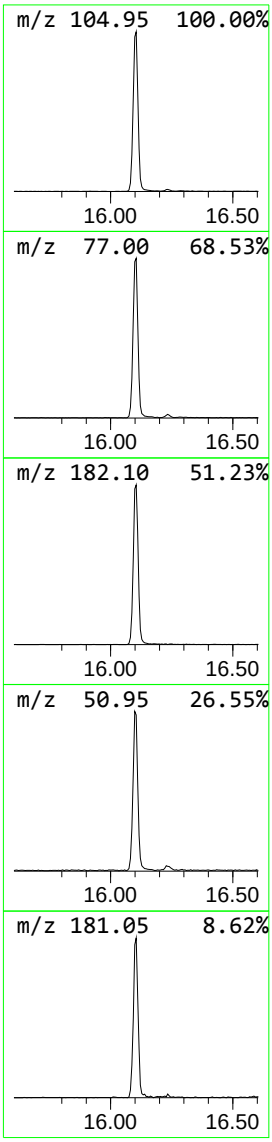
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	10.44 ng	885771	Acenaphthene-d10	14.746

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	74
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42





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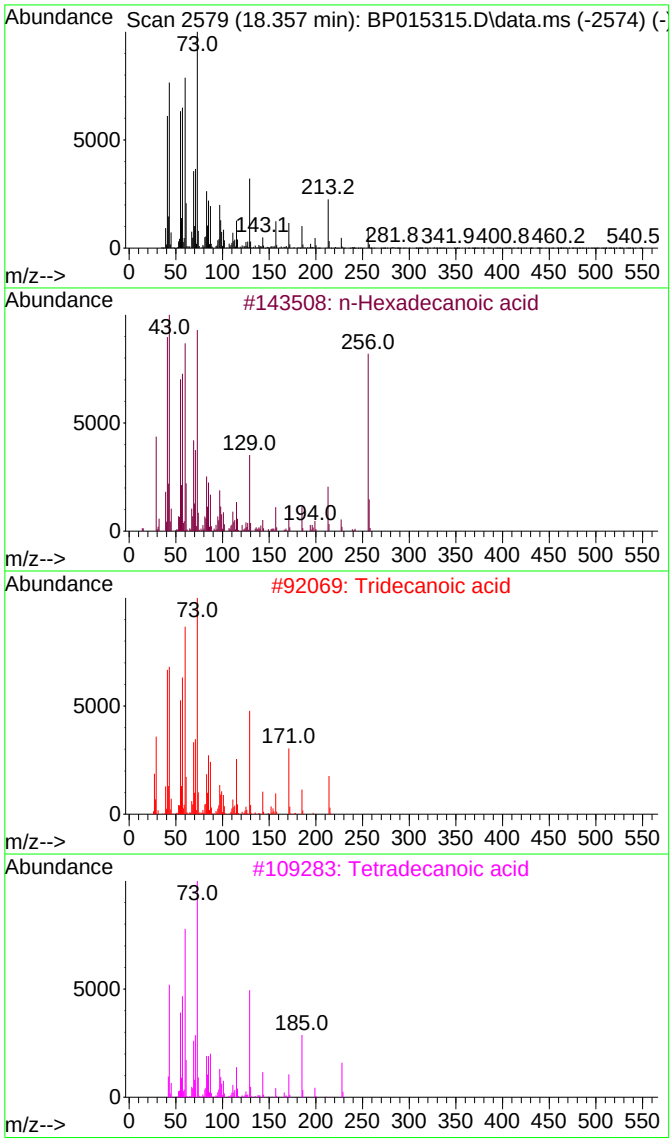
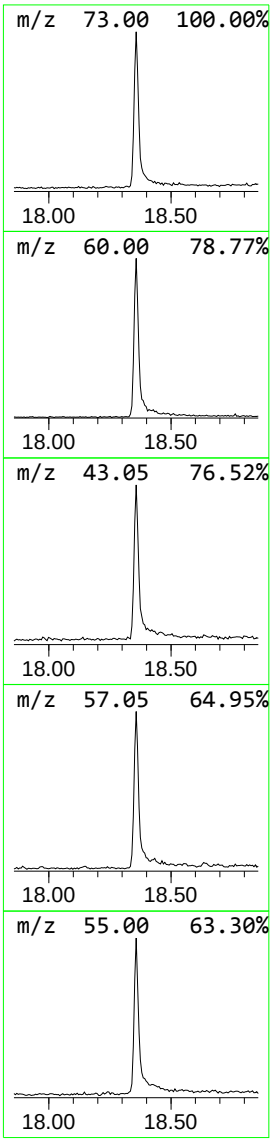
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	6.60 ng	651527	Phenanthrene-d10	17.498

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	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Instrument :
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ClientSampleId :
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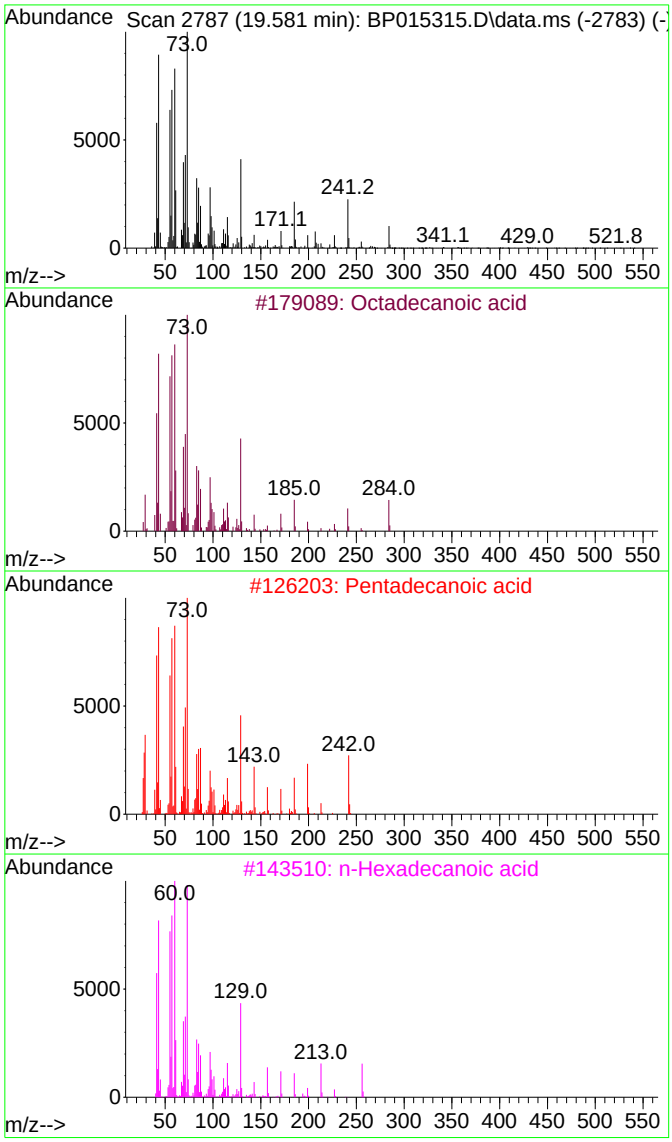
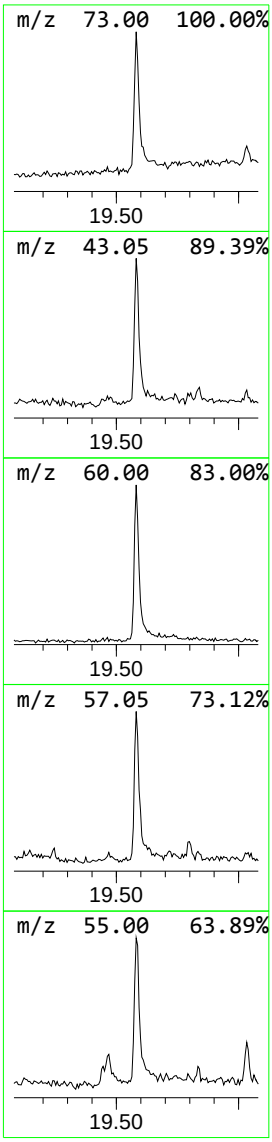
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.581	2.65 ng	301269	Chrysene-d12	21.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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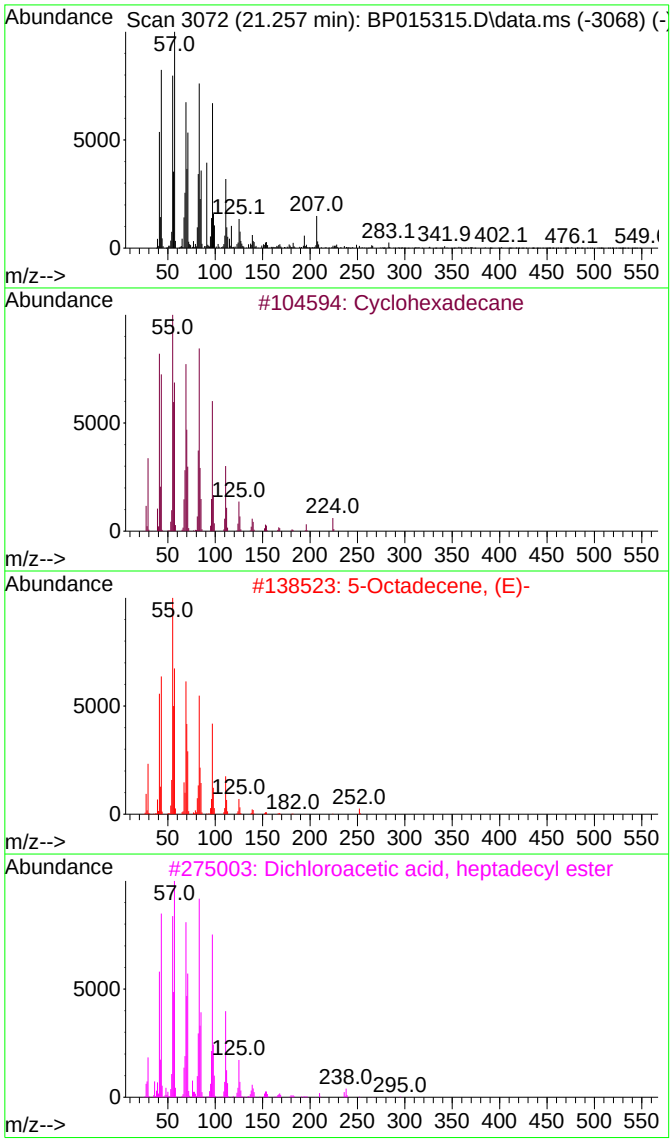
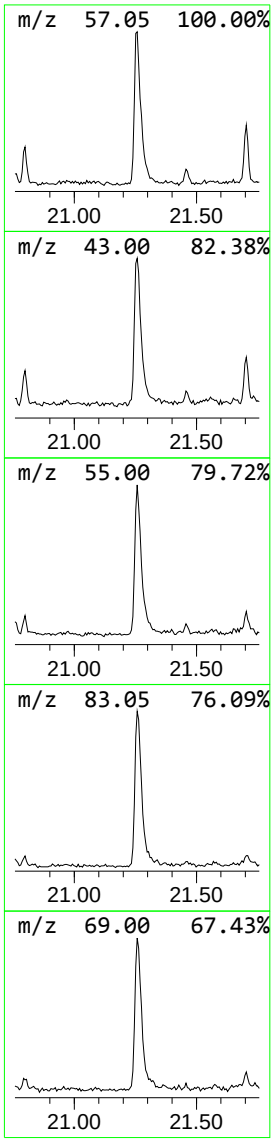
Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.257	5.63 ng	639171	Chrysene-d12	21.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	96
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	93





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
2-Pentanone, 4-...	5.158	6.1	ng	331237	1	8.105	1079950	20.0
Benzophenone	16.104	10.4	ng	885771	3	14.746	1697070	20.0
n-Hexadecanoic ...	18.357	6.6	ng	651527	4	17.498	1973570	20.0
Octadecanoic acid	19.581	2.6	ng	301269	5	21.581	2270650	20.0
Cyclohexadecane	21.257	5.6	ng	639171	5	21.581	2270650	20.0