LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
Data File : BP010737.D
Acq On : 15 Jun 2022 19:31
Operator : CG/JU
Sample : N3354-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-49

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-BP060722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP010737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.417	390	396	414	rVB	832281	1304741	15.46%	3.901%
2	7.011	658	667	679	rBV	616335	1085483	12.86%	3.245%
3	7.828	797	806	815	rBV	305164	502379	5.95%	1.502%
4	8.993	996	1004	1016	rBV	1394331	2386934	28.28%	7.136%
5	10.028	1169	1180	1190	rBV4	33352	87891	1.04%	0.263%
6	10.628	1275	1282	1294	rBV	442231	791547	9.38%	2.366%
7	13.093	1694	1701	1708	rBV	3680558	5337389	63.23%	15.956%
8	14.298	1902	1906	1912	rVB	153877	218322	2.59%	0.653%
9	14.469	1929	1935	1942	rVB	747818	1106270	13.11%	3.307%
10	15.845	2165	2169	2178	rVB2	185904	353262	4.19%	1.056%
11	15.963	2183	2189	2205	rVB	3369566	4976538	58.96%	14.877%
12	17.222	2398	2403	2409	rBV	1022796	1424262	16.87%	4.258%
13	18.122	2552	2556	2563	rBV	592286	840750	9.96%	2.513%
14	19.351	2762	2765	2773	rBV	322478	447267	5.30%	1.337%
15	19.786	2834	2839	2846	rVB	7356142	8440582	100.00%	25.233%
16	21.022	3045	3049	3057	rVB	443080	539816	6.40%	1.614%
17	21.310	3094	3098	3104	rVB	1317276	1727791	20.47%	5.165%
18	23.710	3499	3506	3516	rVB2	937949	1878886	22.26%	5.617%

Sum of corrected areas: 33450110

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ClientSampleId :
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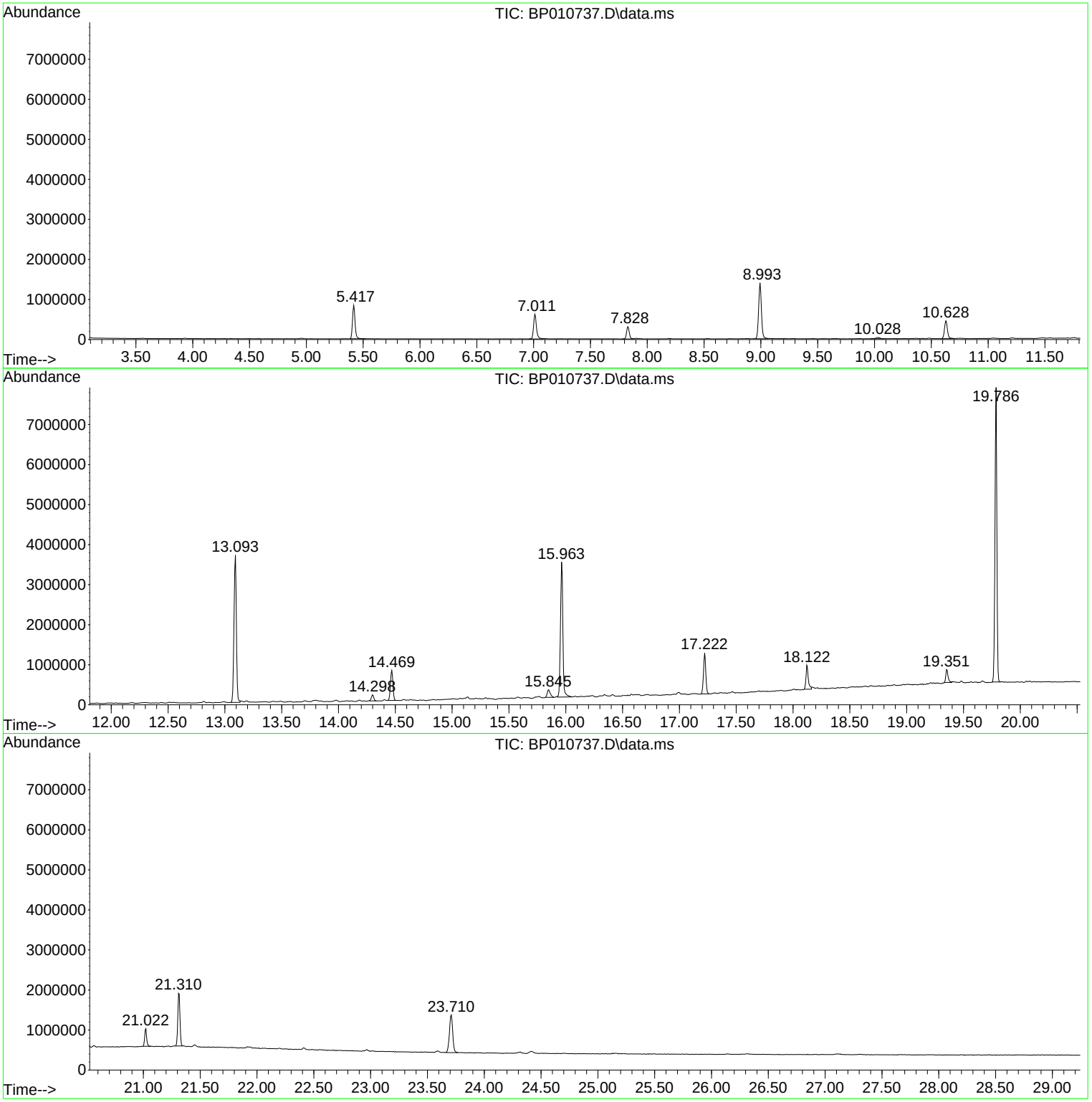
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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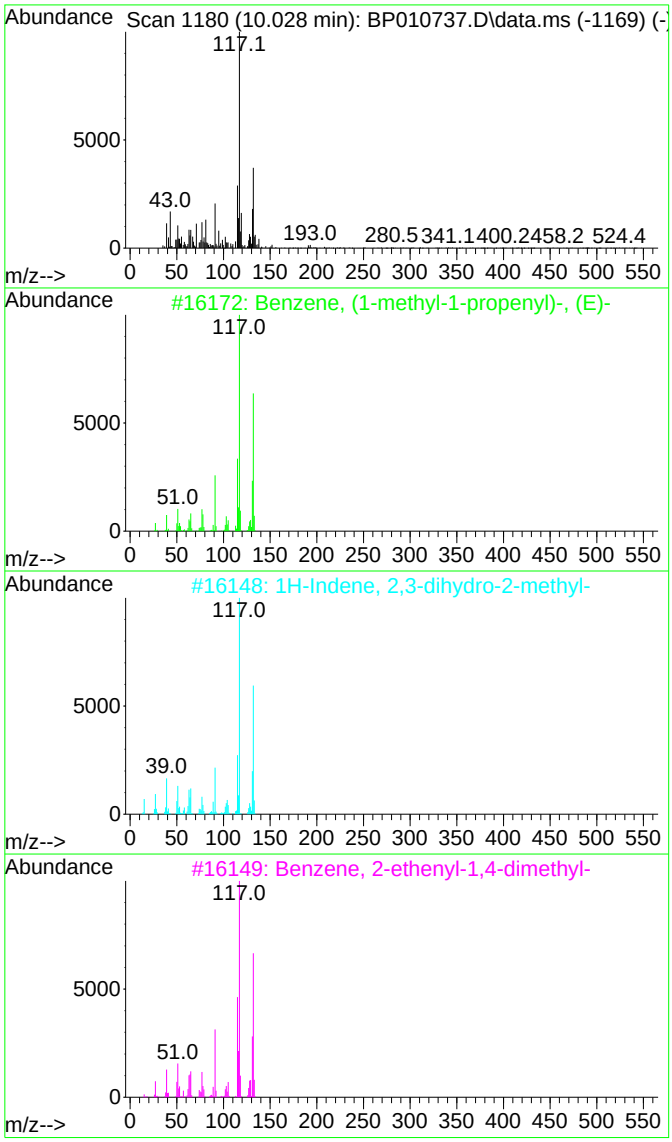
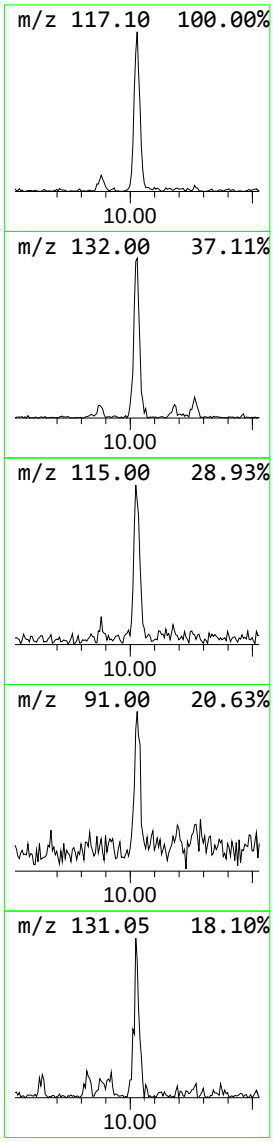
Peak Number 1 Benzene, (1-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	2.22 ng	87891	Naphthalene-d8	10.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	74





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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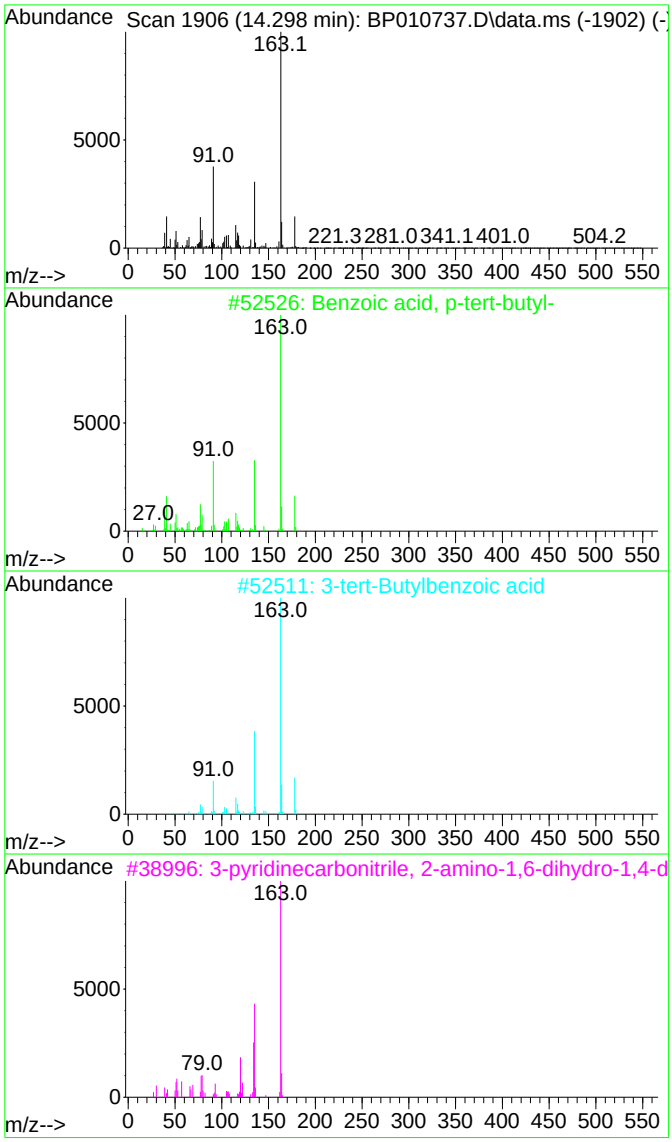
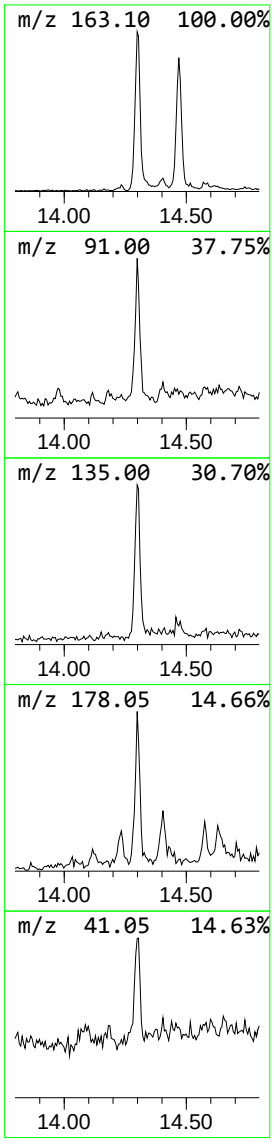
Peak Number 2 Benzoic acid, p-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	3.95 ng	218322	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	87
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	87
3	3-pyridinecarbonitrile, 2-amino-...	163	C8H9N3O	1010404-44-3	58
4	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	53
5	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	53





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Misc :
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Instrument :
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ClientSampleId :
MW-49

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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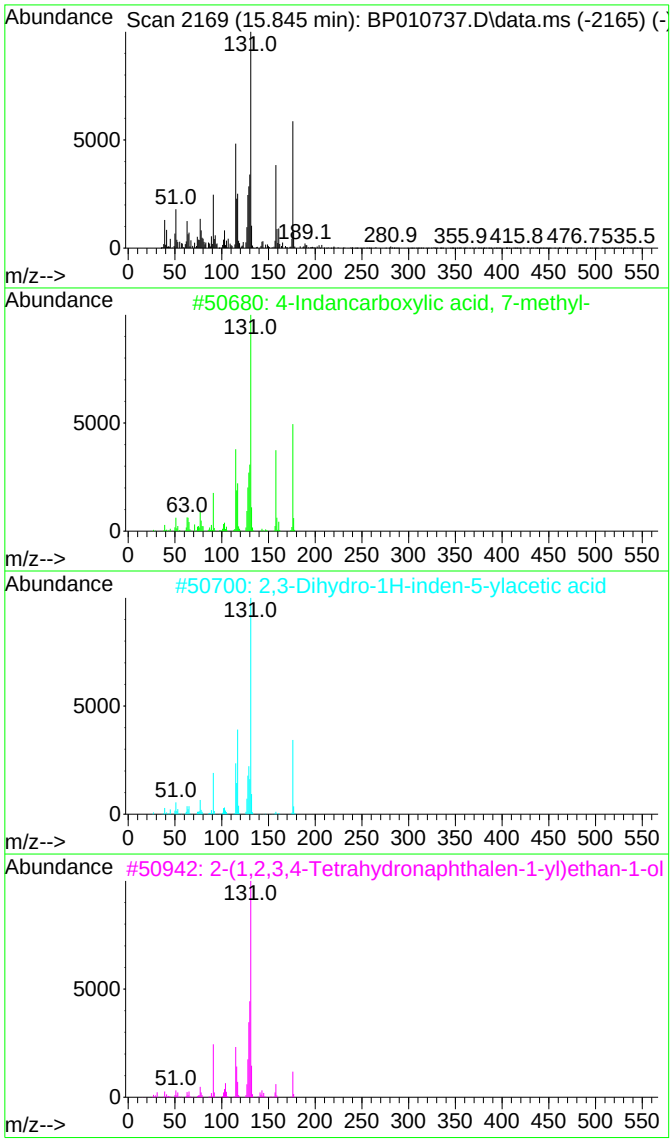
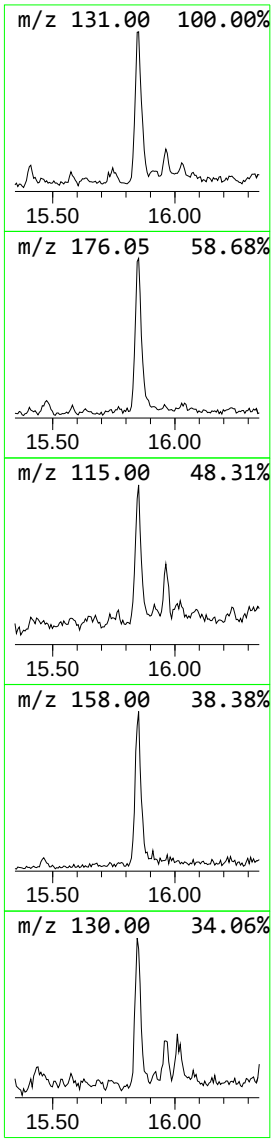
Peak Number 3 4-Indancarboxylic acid, 7-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	4.96 ng	353262	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	98
2	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	76
3	2-(1,2,3,4-Tetrahydronaphthalen-...	176	C12H16O	068480-12-6	70
4	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	47
5	1-(p-Tolyl)cyclopropanecarboxyli...	176	C11H12O2	083846-66-6	47





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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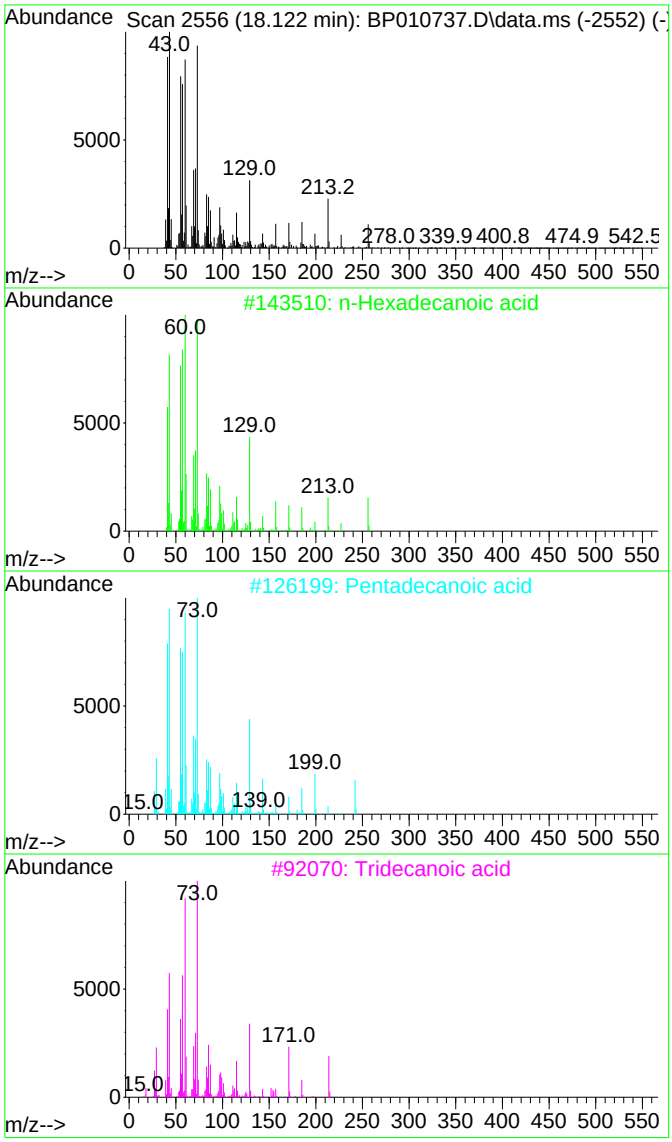
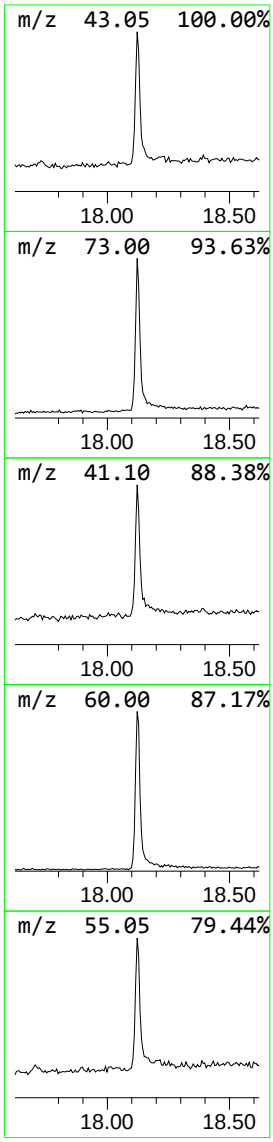
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	11.81 ng	840750	Phenanthrene-d10	17.222

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	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid	284	C18H36O2	000057-11-4	68





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Misc :
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Instrument :
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ClientSampleId :
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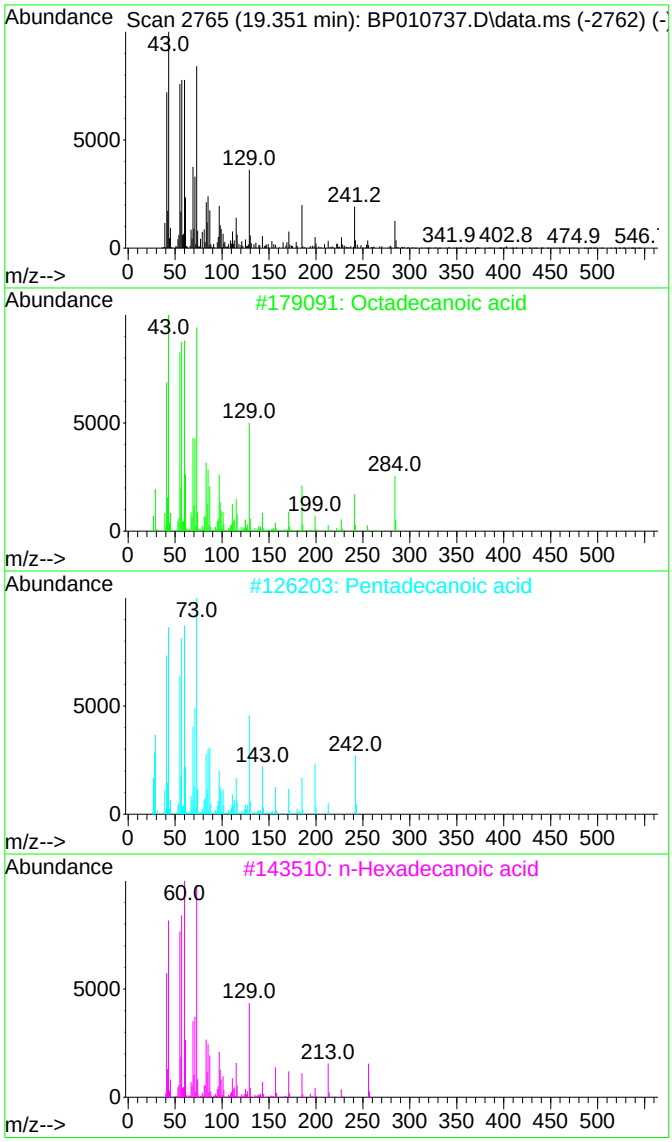
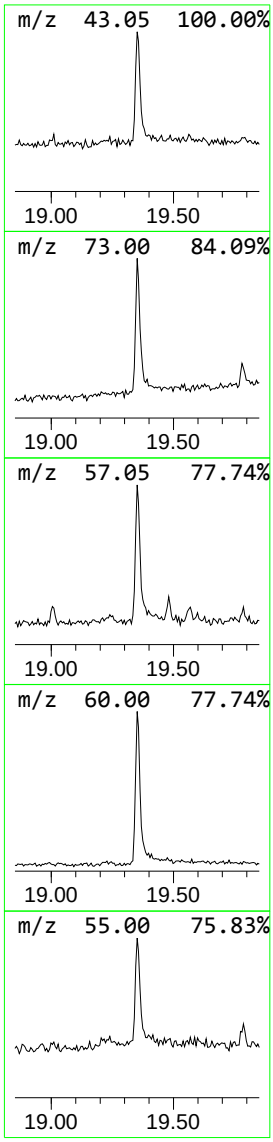
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	5.18 ng	447267	Chrysene-d12	21.316

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	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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

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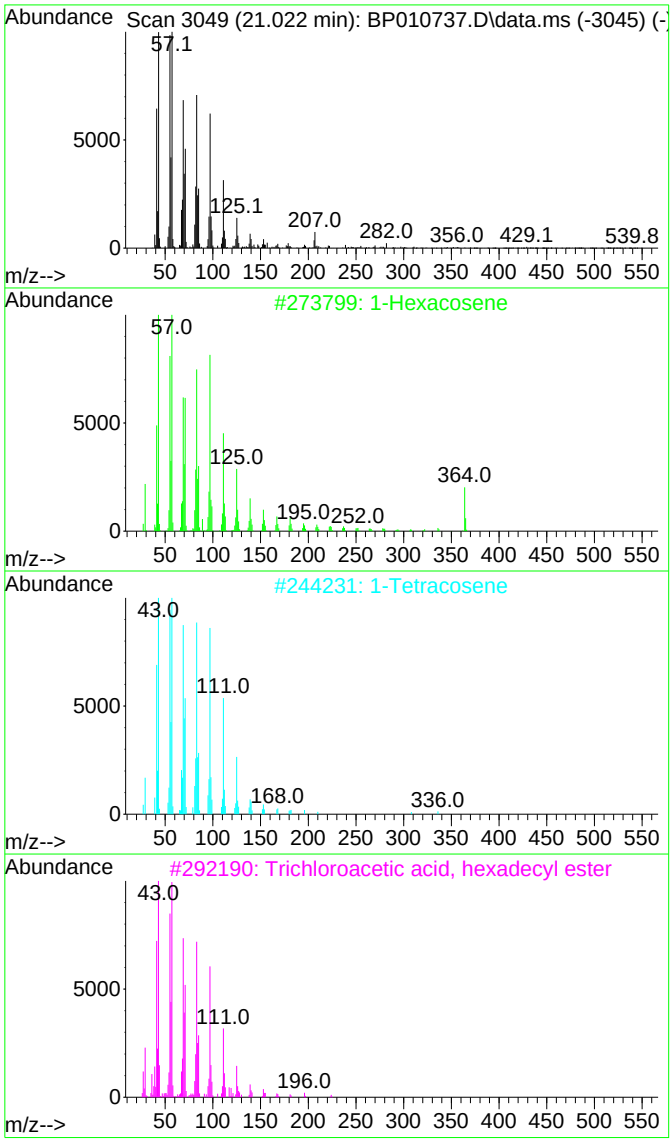
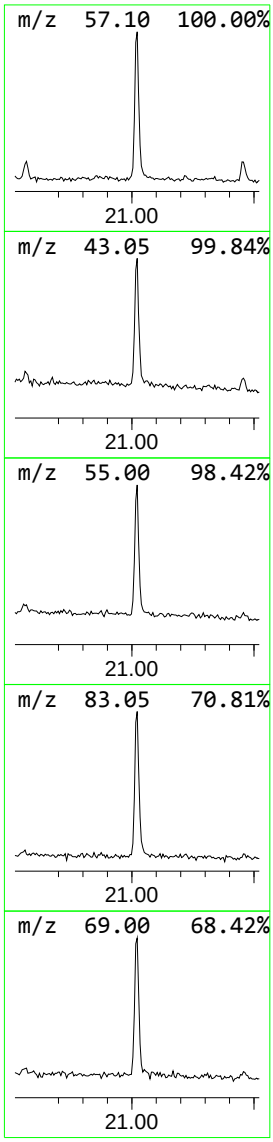
Peak Number 6 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	6.25 ng	539816	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	98
2	1-Tetracosene	336	C24H48	010192-32-2	97
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
4	Cyclotetracosane	336	C24H48	000297-03-0	95
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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
Benzene, (1-met...	10.028	2.2	ng	87891	2	10.628	791547	20.0
Benzoic acid, p...	14.298	4.0	ng	218322	3	14.469	1106270	20.0
4-Indancarboxyl...	15.845	5.0	ng	353262	4	17.222	1424260	20.0
n-Hexadecanoic ...	18.122	11.8	ng	840750	4	17.222	1424260	20.0
Octadecanoic acid	19.351	5.2	ng	447267	5	21.316	1727790	20.0
1-Hexacosene	21.022	6.3	ng	539816	5	21.316	1727790	20.0