LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010235.D
Acq On : 26 May 2017 01:58
Operator : SJ/MA
Sample : I3340-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 265563

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:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.522	409	414	424	rBV	1078863	1538674	12.04%	3.317%
2	7.128	681	687	697	rBV	558966	882210	6.90%	1.902%
3	7.481	740	747	762	rBV	1910785	3045739	23.84%	6.565%
4	7.939	819	825	833	rBV	411433	661437	5.18%	1.426%
5	8.263	873	880	888	rBV	1902168	3018903	23.63%	6.507%
6	9.128	1020	1027	1036	rBV	1347250	2209370	17.29%	4.762%
7	10.751	1296	1303	1312	rBV	487429	822165	6.43%	1.772%
8	13.198	1705	1719	1728	rBV	4210774	6027723	47.17%	12.993%
9	13.439	1750	1760	1768	rBV	249452	436318	3.41%	0.940%
10	14.574	1947	1953	1961	rBV2	769225	1180980	9.24%	2.546%
11	14.757	1976	1984	1994	rBV5	94627	233919	1.83%	0.504%
12	15.833	2159	2167	2174	rBV4	77441	188184	1.47%	0.406%
13	16.068	2200	2207	2219	rBV	3731445	5365310	41.99%	11.565%
14	17.321	2414	2420	2428	rBV	1186000	1655948	12.96%	3.569%
15	18.168	2560	2564	2570	rBV3	129666	238251	1.86%	0.514%
16	19.327	2757	2761	2773	rBV5	198323	380102	2.97%	0.819%
17	19.439	2777	2780	2790	rBV9	89981	182152	1.43%	0.393%
18	19.633	2810	2813	2818	rVB2	129201	152672	1.19%	0.329%
19	19.921	2857	2862	2873	rBV	9944298	12778021	100.00%	27.543%
20	21.480	3123	3127	3134	rBV	2038058	2558997	20.03%	5.516%
21	23.844	3523	3529	3540	rVB	1372445	2835905	22.19%	6.113%

Sum of corrected areas: 46392980

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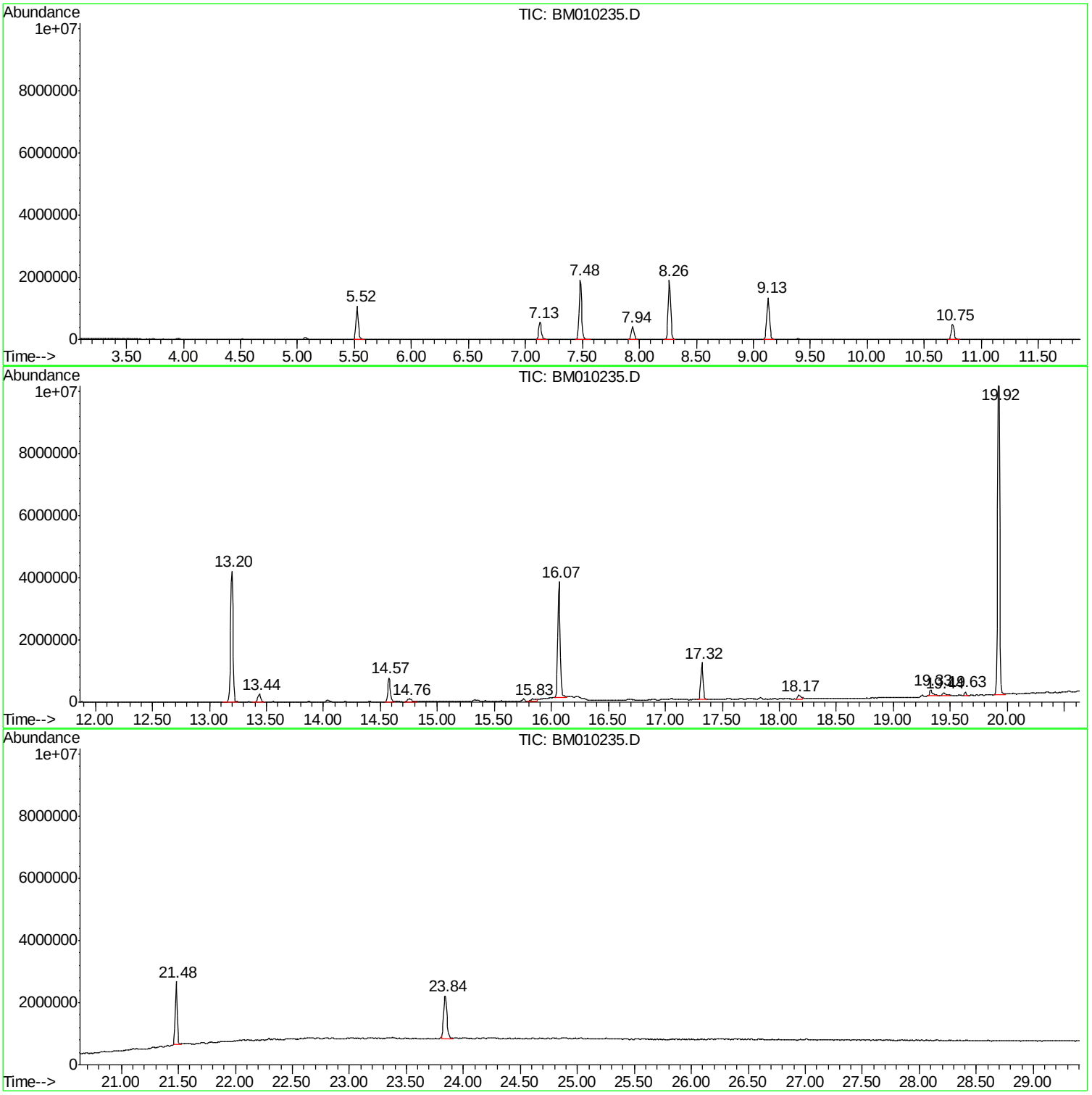
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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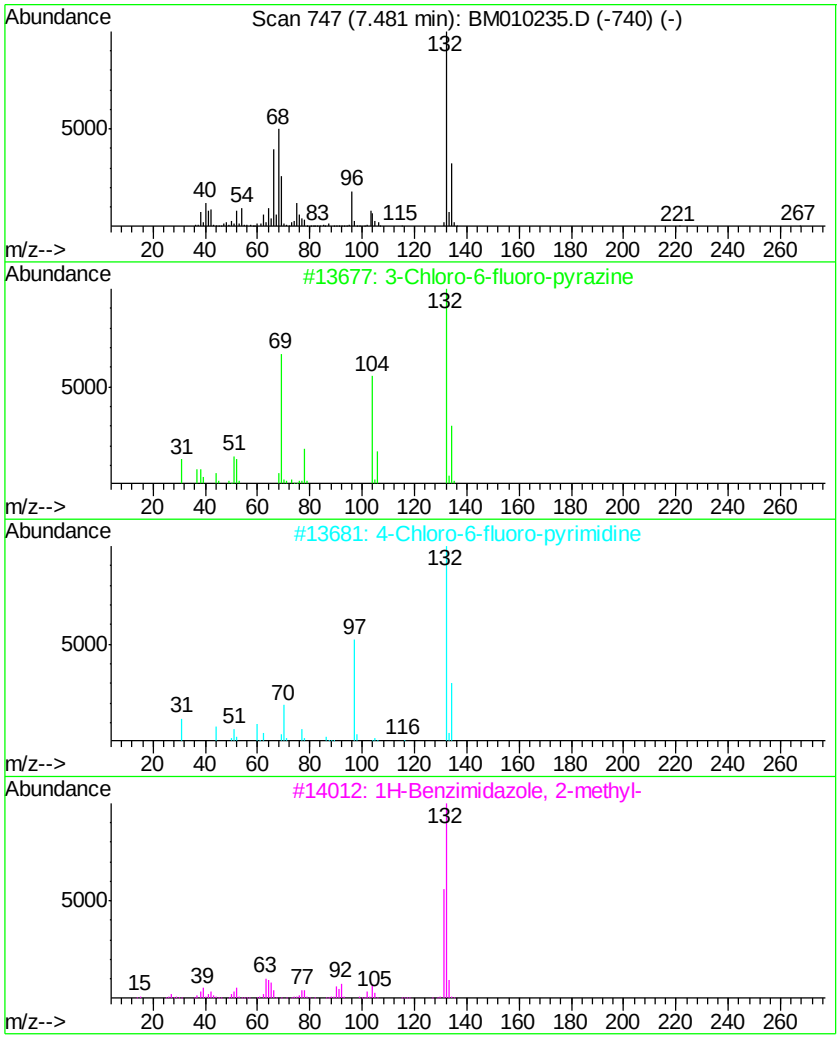
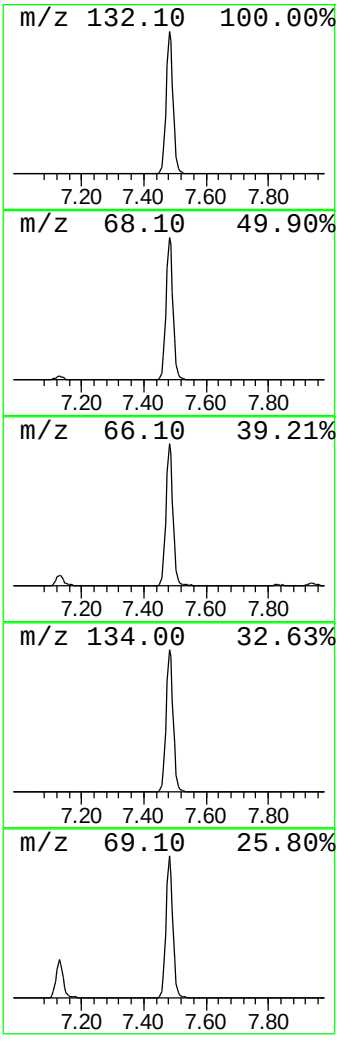
****

Peak Number 1 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	92.09 ng	3045740	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





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ClientSampleId : 265563

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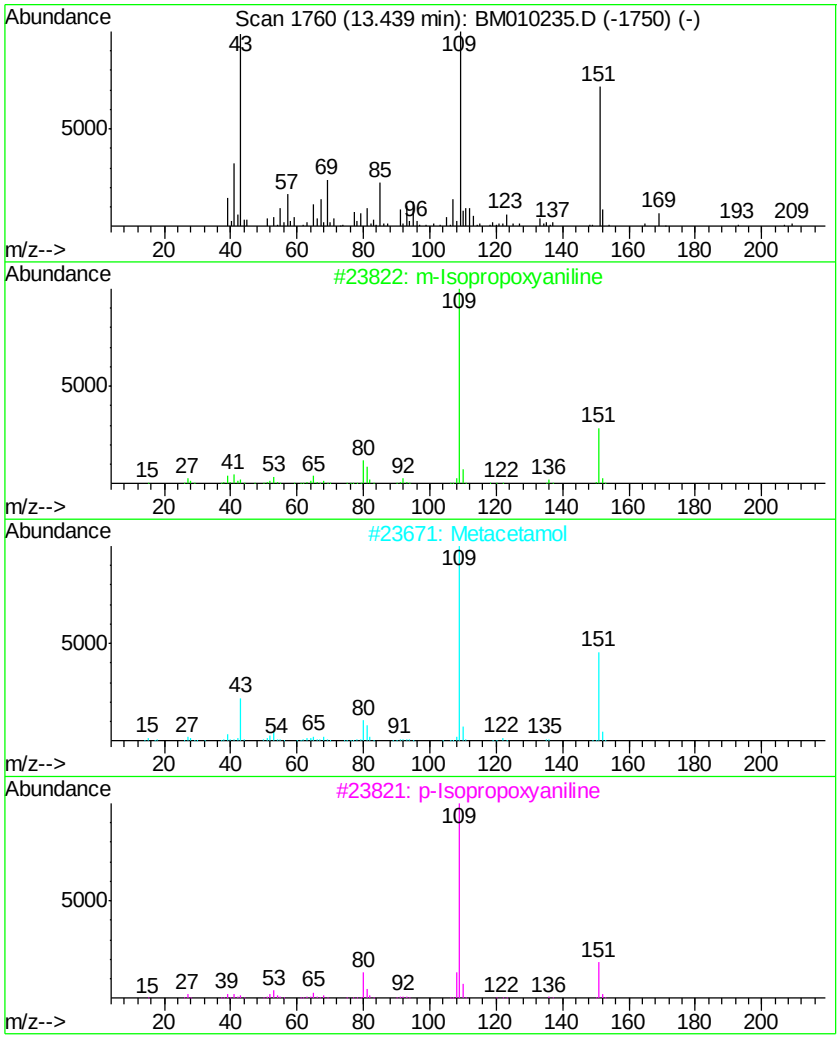
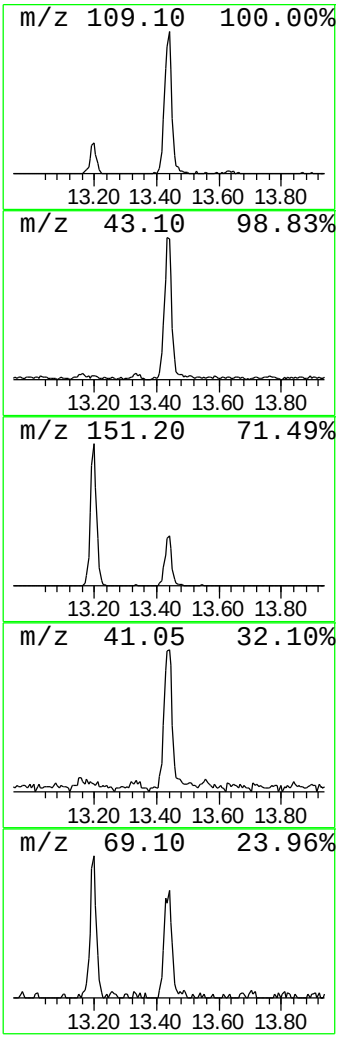
Peak Number 3 m-Isopropoxyaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.39 ng	436318	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	52
2	Metacetamol	151	C8H9NO2	000621-42-1	52
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	50
4	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	35
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	35





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Misc :
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Instrument : BNA_M
ClientSampleId : 265563

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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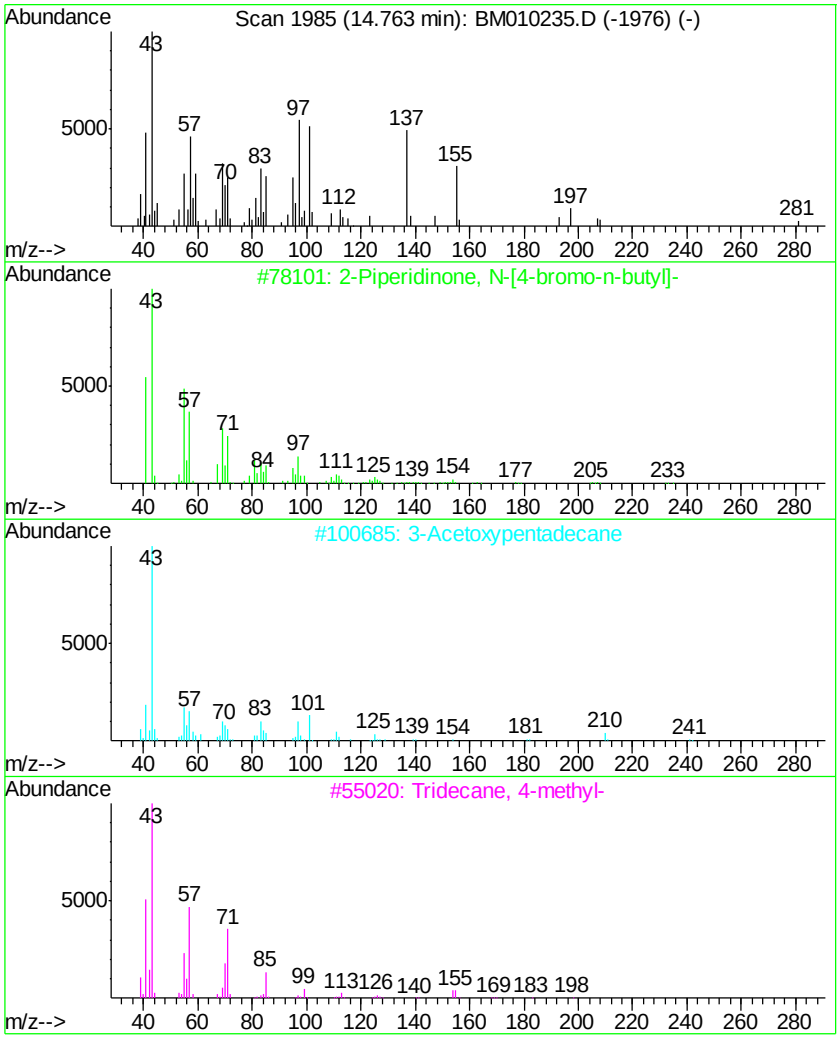
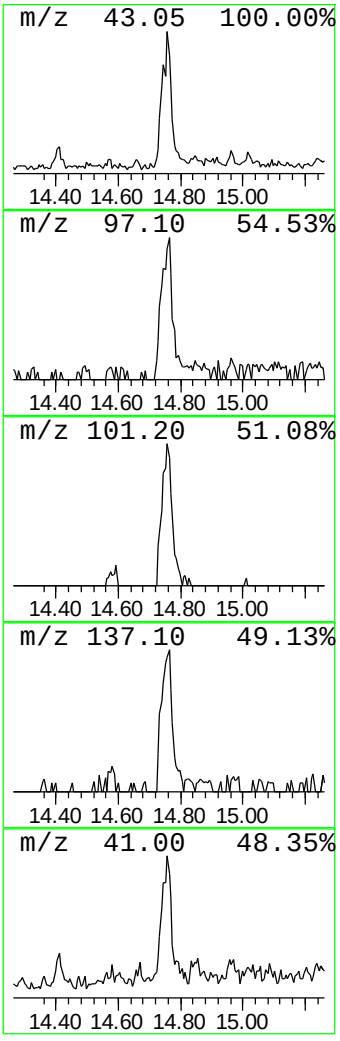
Peak Number 4 unknown14.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.96 ng	233919	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	25
2	3-Acetoxypentadecane	270	C17H34O2	1000245-62-1	16
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	10
4	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	10
5	3-Octanol, 2,6-dimethyl-, acetate	200	C12H24O2	123232-57-5	9





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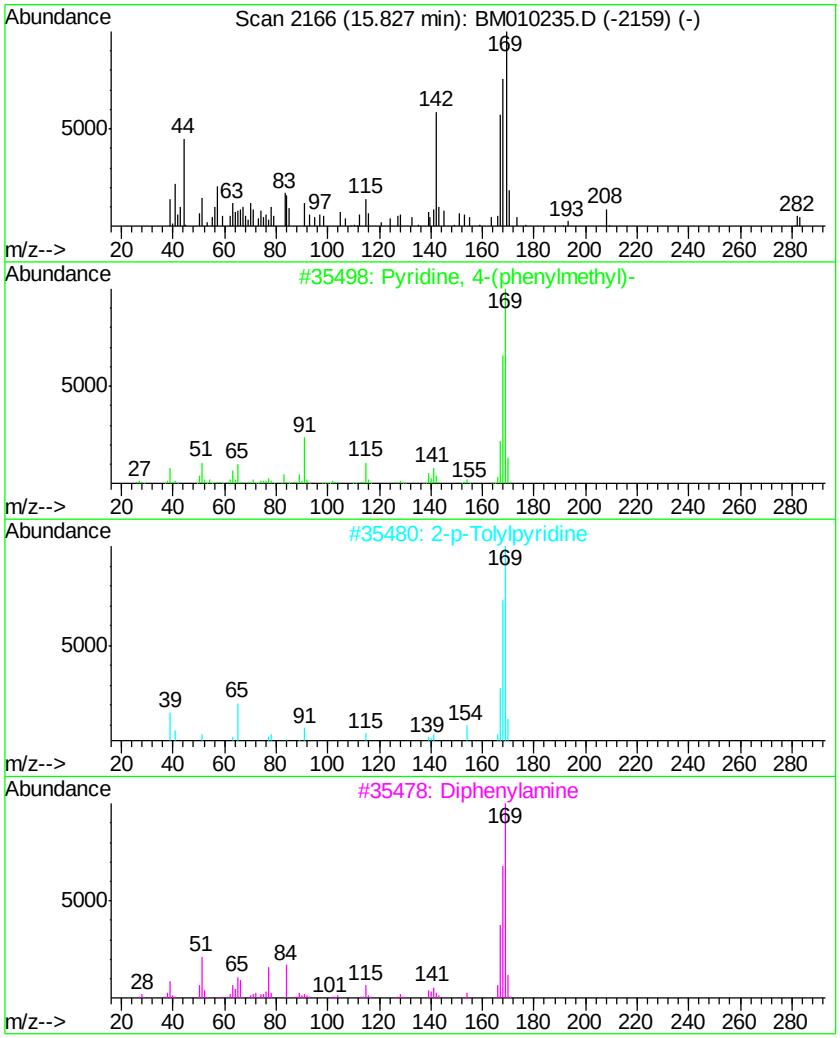
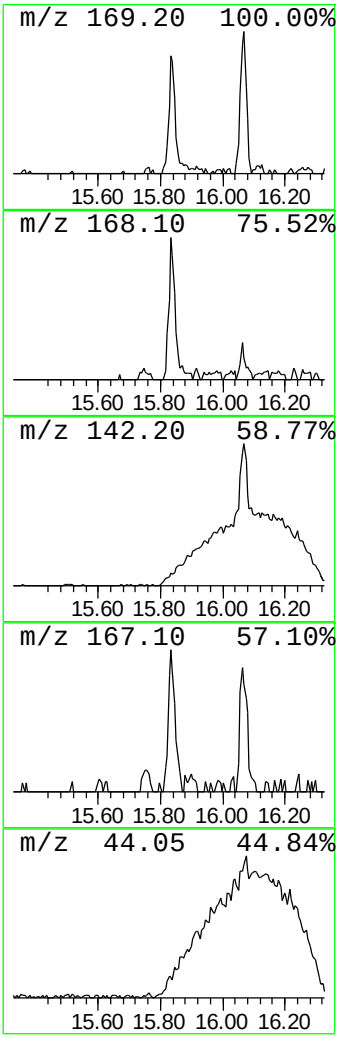
Peak Number 5 Pyridine, 4-(phenylmethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.19 ng	188184	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	60
2	2-p-Tolylpyridine	169	C12H11N	004467-06-5	55
3	Diphenylamine	169	C12H11N	000122-39-4	53
4	4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	49
5	Benzaldehyde, 4-fluoro-3-nitro-	169	C7H4FNO3	042564-51-2	46





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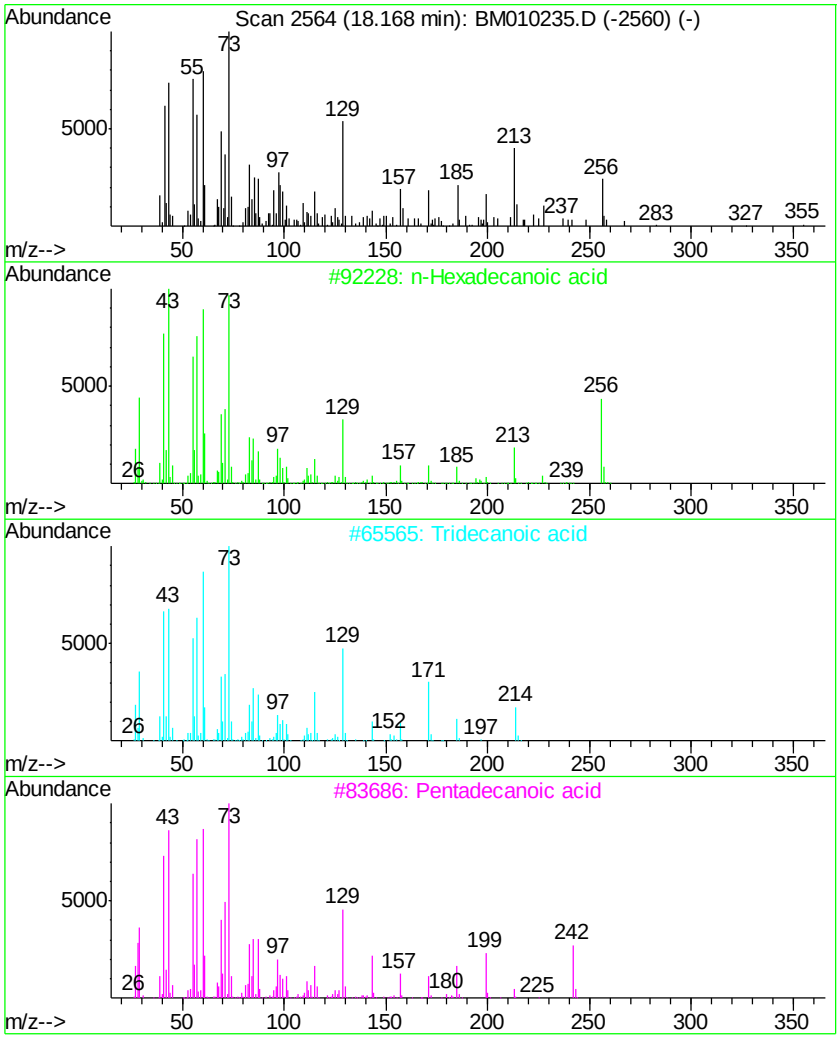
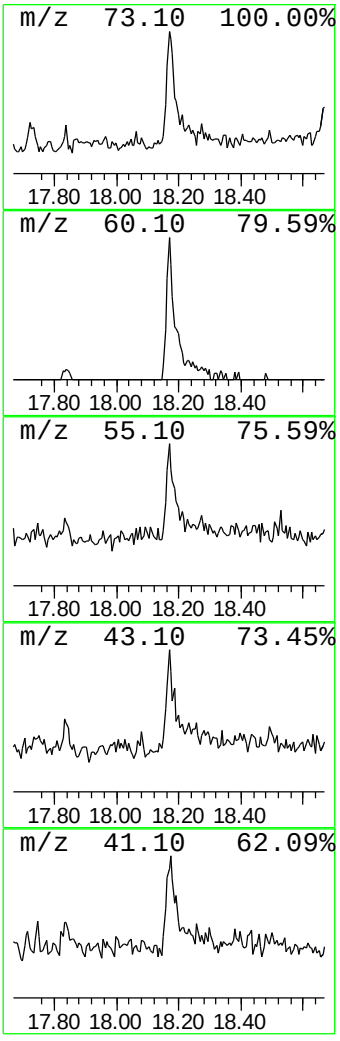
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.88 ng	238251	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





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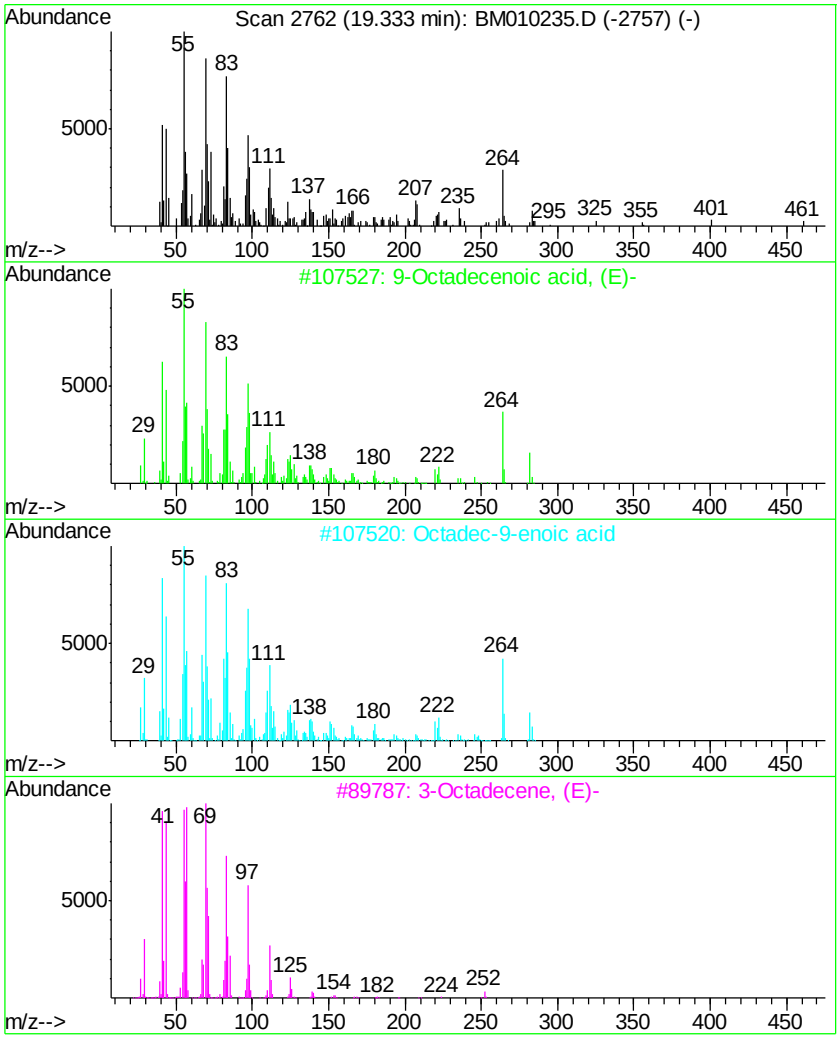
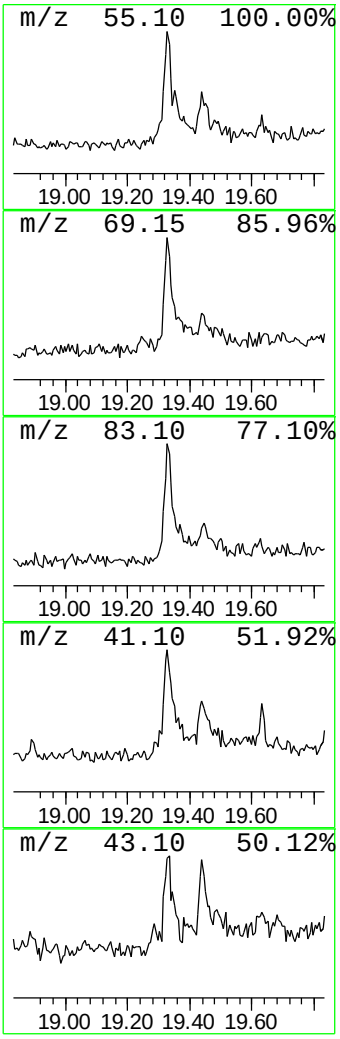
Peak Number 7 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	4.59 ng	380102	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	87
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	68
4	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	68
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	64





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
unknown7.48	7.48	92.1	ng	3045740	1	7.94	661437	20.0
m-Isopropoxyaniline	13.44	7.4	ng	436318	3	14.57	1180980	20.0
unknown14.76	14.76	4.0	ng	233919	3	14.57	1180980	20.0
Pyridine, 4-(phen...	15.83	3.2	ng	188184	3	14.57	1180980	20.0
n-Hexadecanoic acid	18.17	2.9	ng	238251	4	17.32	1655950	20.0
9-Octadecenoic ac...	19.33	4.6	ng	380102	4	17.32	1655950	20.0