

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011666.D
 Acq On : 21 Sep 2017 22:40
 Operator : SJ/JU
 Sample : I5283-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3B5

Manual Integrations
 APPROVED

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 9/22/2017 4:06:18 PM

Quant Time: Sep 22 08:25:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	357422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1666535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	950925	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2058775	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2123383	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1781670	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	22475	2.83	ng/uL	0.00
5) Phenol-d5	7.11	99	613413	17.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	582681	25.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	542387	20.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	511381	19.09	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	306893	24.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	255592	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	491260	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	132380	4.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1452247	18.06	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2437072	25.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	53575	3.55	ng/ul	0.00
58) Fluorene-d10	15.58	176	1747940	25.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	89399	7.46	ng/ul	0.00
71) Anthracene-d10	17.43	188	2591383	25.56	ng/ul	0.00
79) Pyrene-d10	19.72	212	2993967	30.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	2239044	26.37	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.04	163	348381	4.526	ng/ul#	96
70) Phenanthrene	17.37	178	900521	7.847	ng/ul	99
72) Anthracene	17.46	178	209479	1.779	ng/ul	98
77) Fluoranthene	19.38	202	1459080	12.362	ng/ul#	89
80) Pyrene	19.74	202	1273419	10.279	ng/ul#	88
83) Benzo(a)anthracene	21.48	228	669481	5.726	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.39	149	2613426	29.869	ng/ul#	96
85) Chrysene	21.53	228	567238	5.352	ng/ul	99
88) Benzo(b)fluoranthene	23.14	252	665011	6.204	ng/ul#	91
89) Benzo(k)fluoranthene	23.19	252	260992m	2.535	ng/ul	
91) Benzo(a)pyrene	23.76	252	464966	4.596	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.29	276	271384	2.439	ng/ul#	92
94) Benzo(g,h,i)perylene	27.03	276	262476	2.912	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

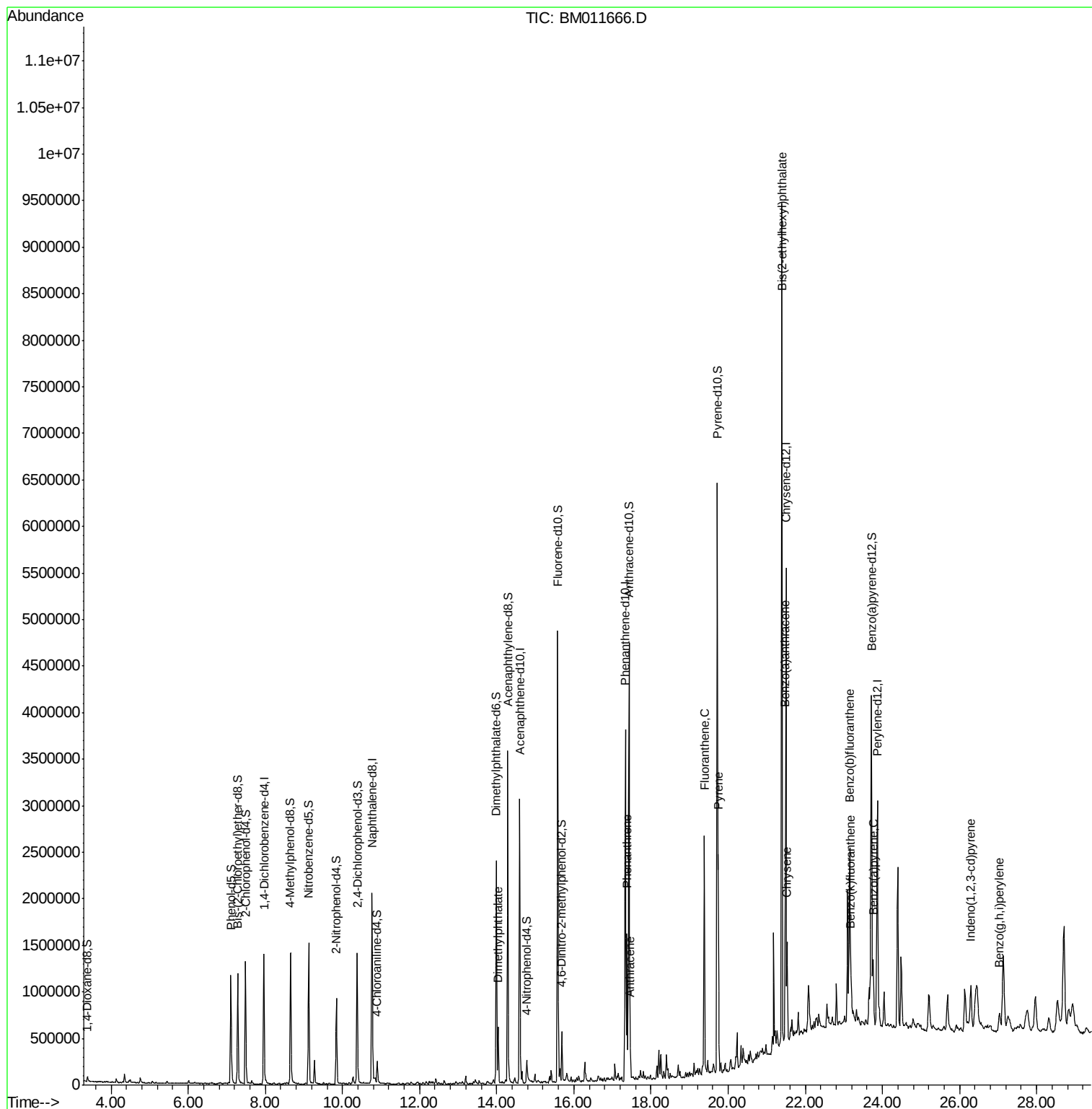
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011666.D
Acq On : 21 Sep 2017 22:40
Operator : SJ/JU
Sample : I5283-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

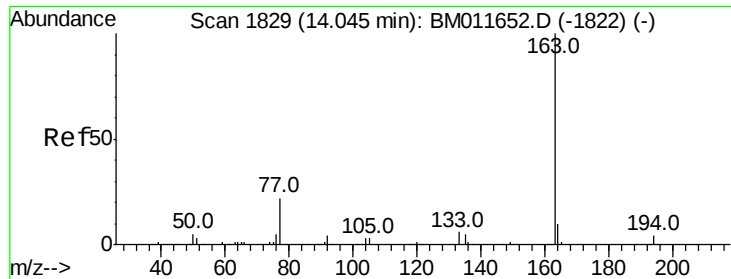
Instrument :
BNA_M
ClientSampleID :
CB3B5

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Quant Time: Sep 22 08:25:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration





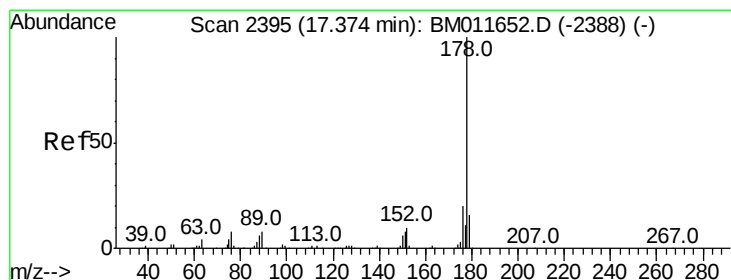
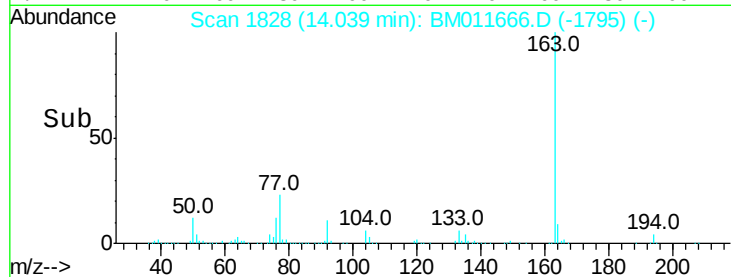
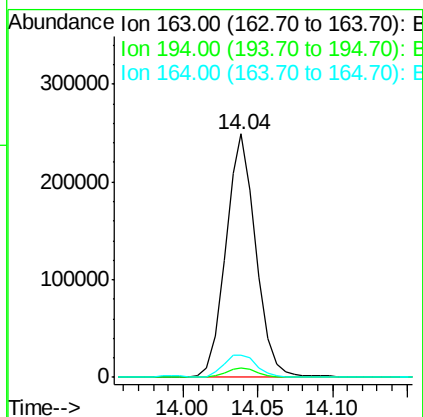
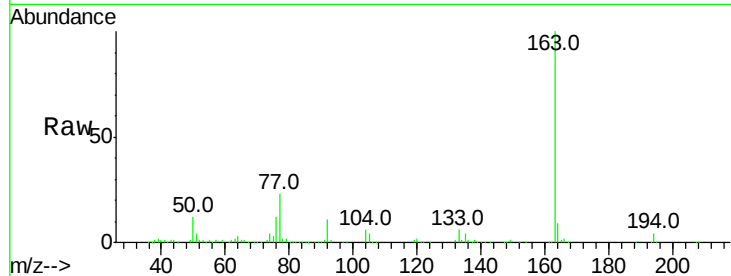
#45
Dimethylphthalate
Concen: 4.526 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011666.D
Acq: 21 Sep 2017 22:40

Instrument :
BNA_M
ClientSampleId :
CB3B5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	348381		
194	3.6	4.0	6.0#	
164	9.0	8.4	12.6	

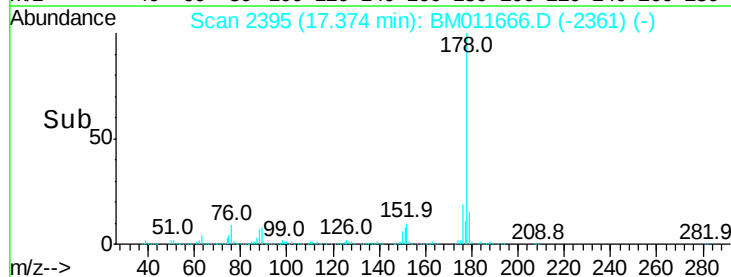
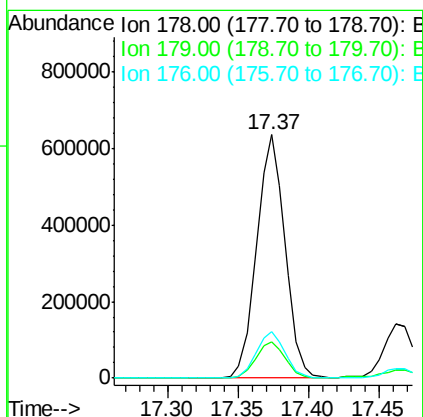
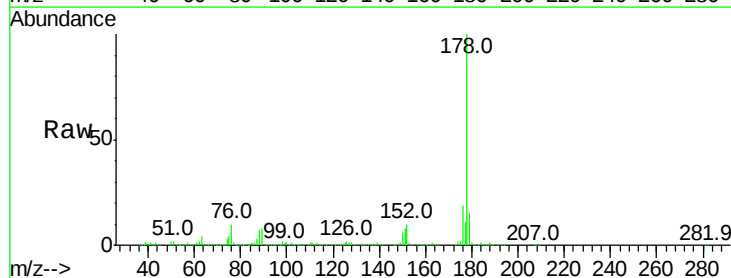
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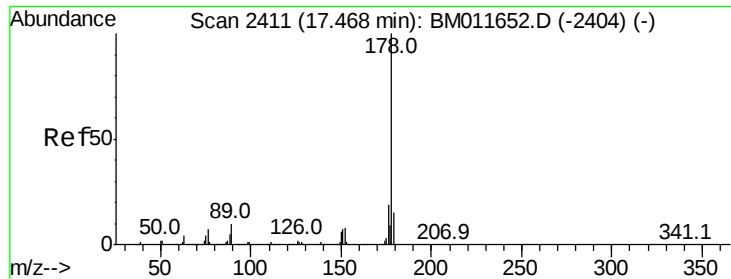
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#70
Phenanthrene
Concen: 7.847 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011666.D
Acq: 21 Sep 2017 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	900521		
179	15.1	12.3	18.5	
176	19.3	15.4	23.0	





#72

Anthracene

Concen: 1.779 ng/ul

RT: 17.46 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Instrument :

BNA_M

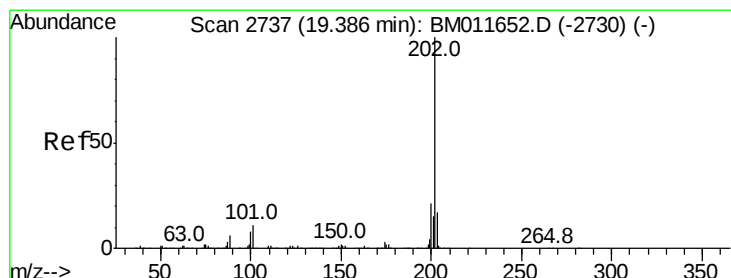
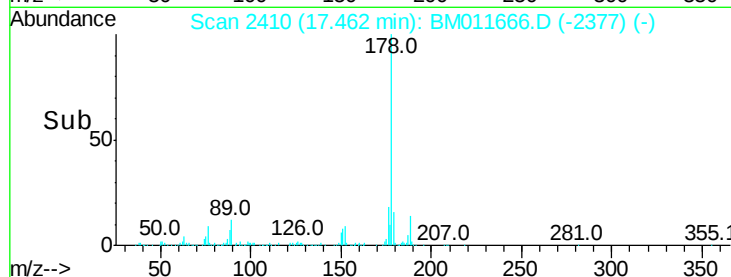
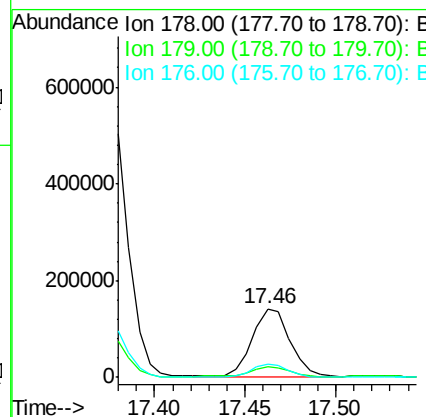
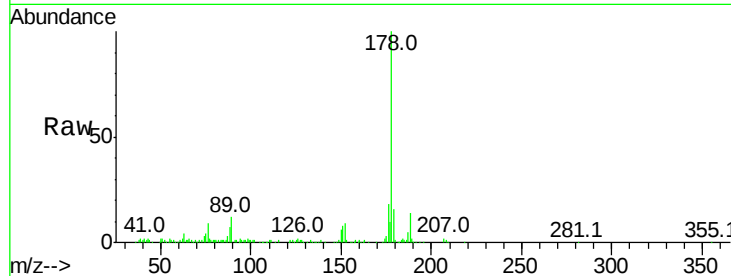
ClientSampleId :

CB3B5

Tot Ion:	178	Resp:	209479
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.2
176	18.4	15.4	23.0

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#77

Fluoranthene

Concen: 12.362 ng/ul

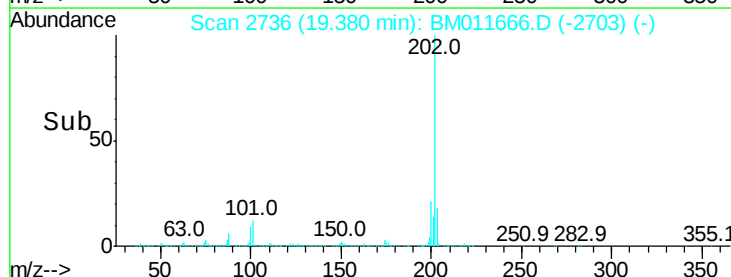
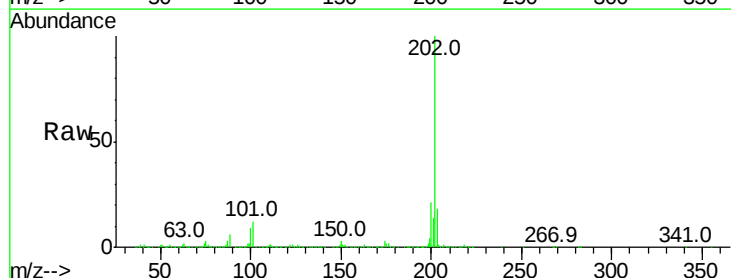
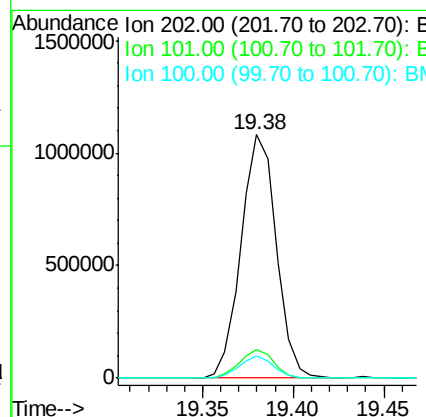
RT: 19.38 min Scan# 2736

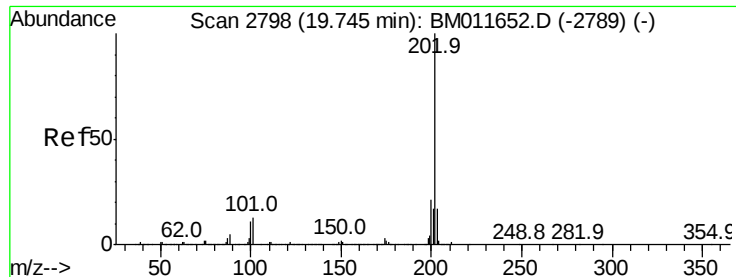
Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Tgt Ion:	202	Resp:	1459080
Ion Ratio	Lower	Upper	
202	100		
101	11.9	6.1	9.1#
100	9.0	4.6	7.0#





#80

Pvrene

Concen: 10.279 ng/ul

RT: 19.74 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Instrument :

BNA_M

ClientSampleId :

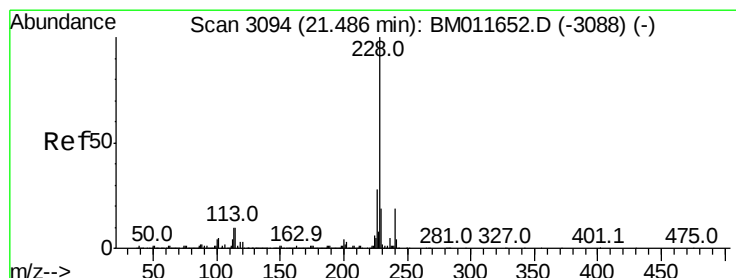
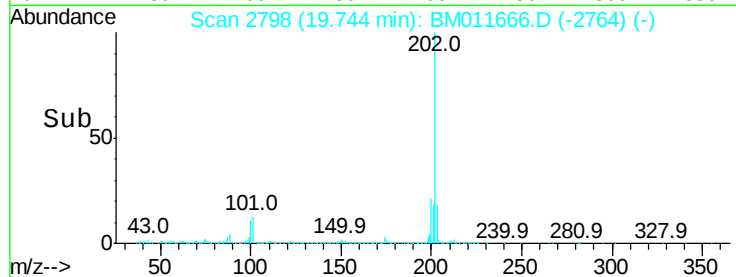
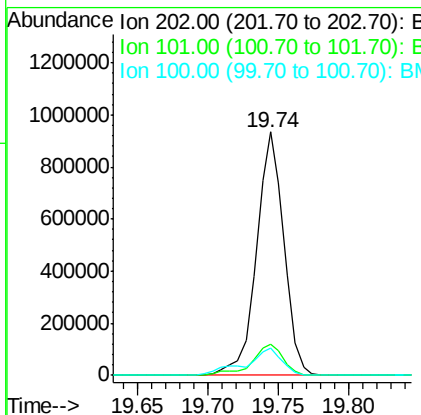
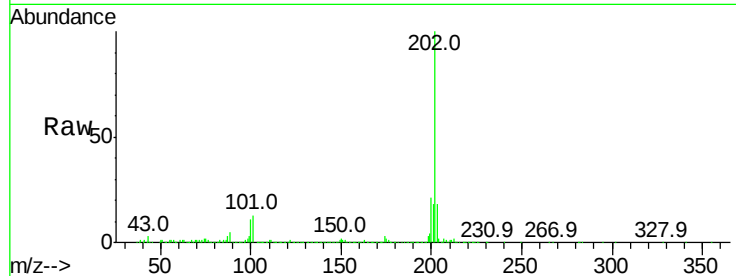
CB3B5

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	6.9	10.3#
100	11.0	5.6	8.4#

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#83

Benzo(a)anthracene

Concen: 5.726 ng/ul

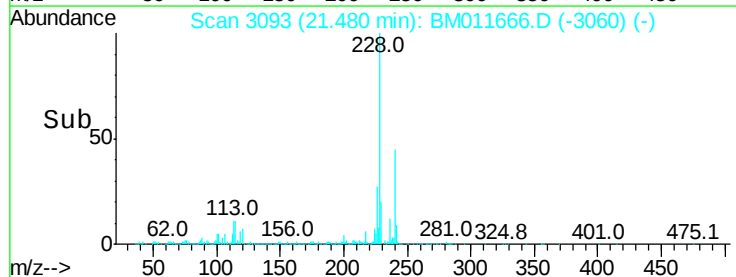
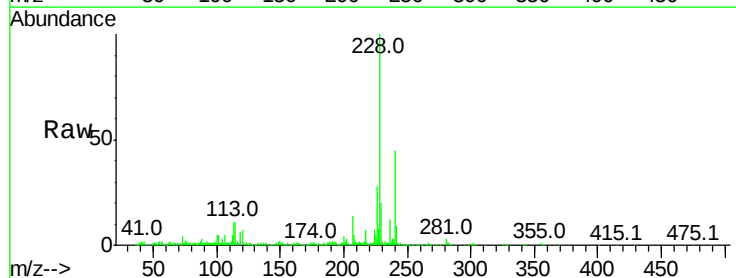
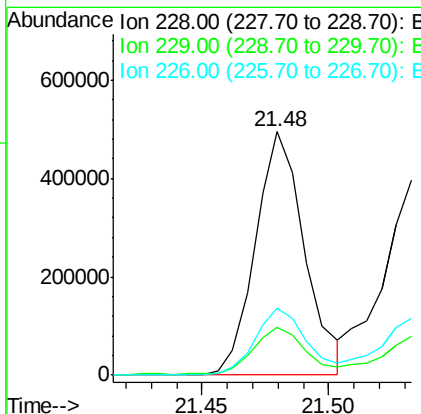
RT: 21.48 min Scan# 3093

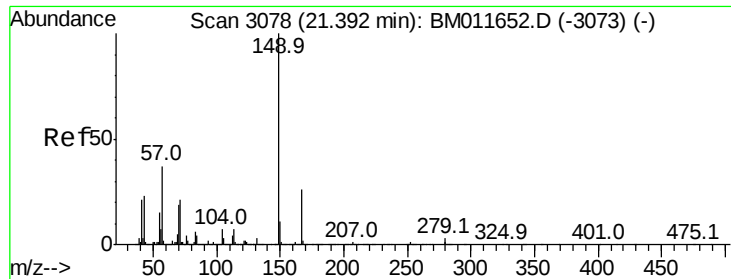
Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	27.6	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 29.869 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Instrument :

BNA_M

ClientSampleId :

CB3B5

Tot Ion:149 Resp: 2613426

Ion Ratio Lower Upper

149 100

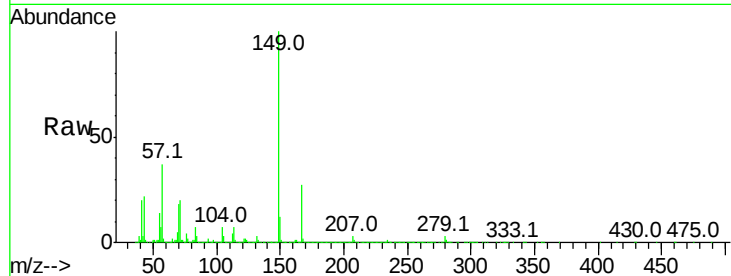
167 26.8 23.0 34.6

279 3.5 4.3 6.5#

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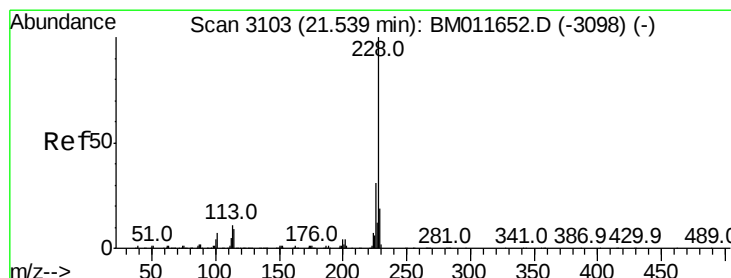
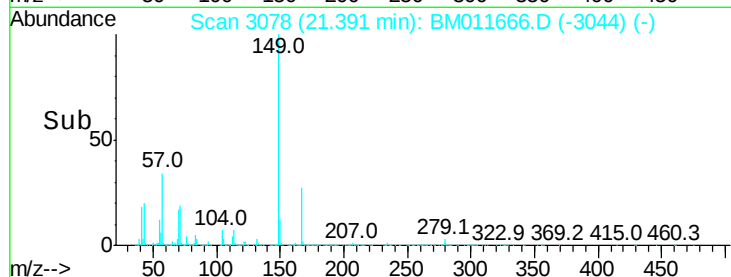
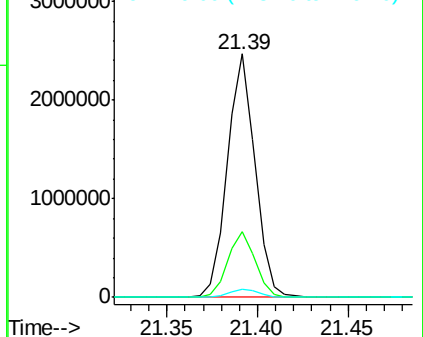
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 5.352 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

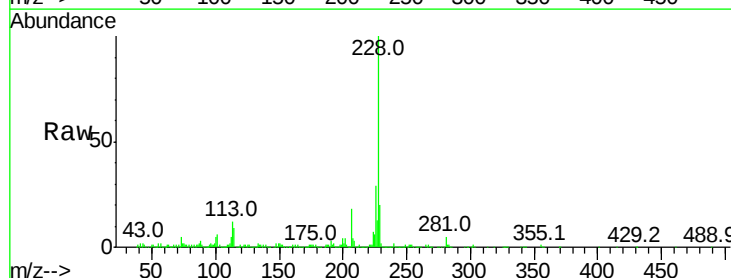
Tgt Ion:228 Resp: 567238

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

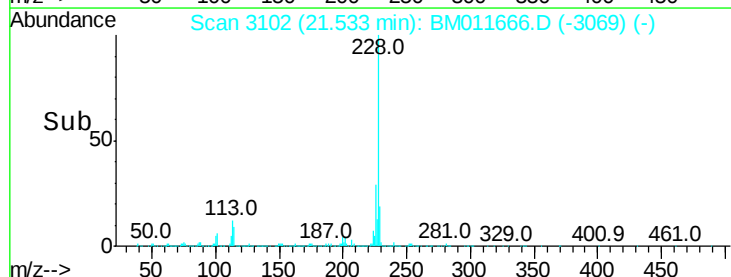
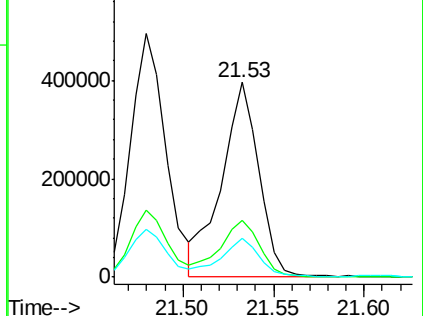
229 19.8 16.0 24.0

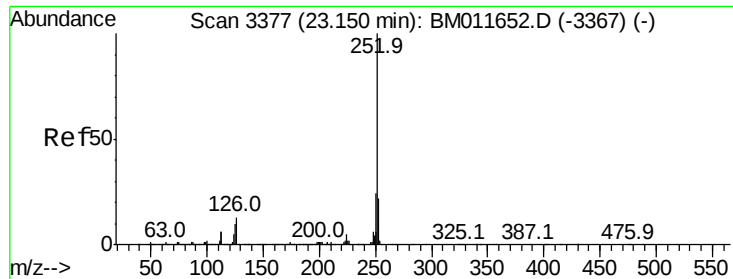


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.204 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Instrument :

BNA_M

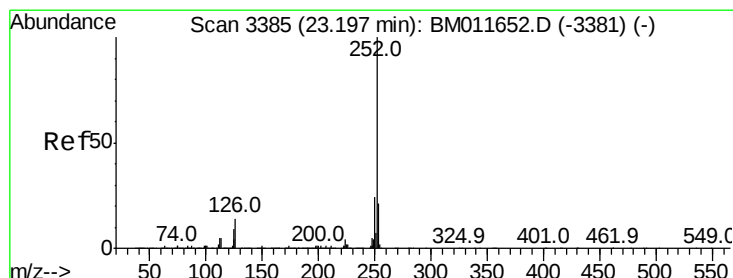
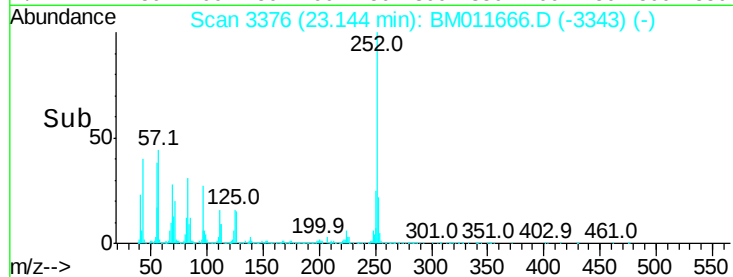
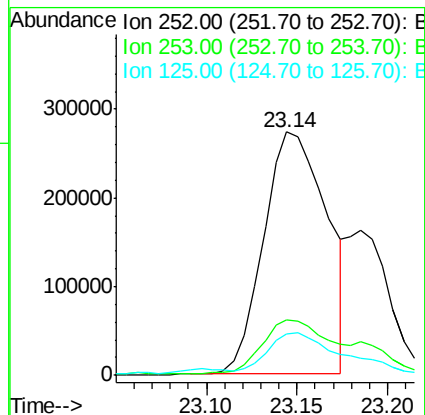
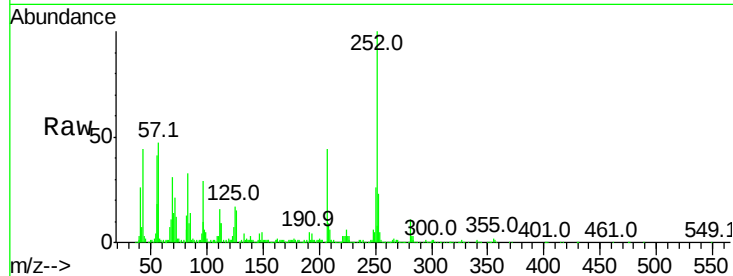
ClientSampled :

CB3B5

Tot Ion:	252	Resp:	665011
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	17.1	4.9	7.3#

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#89

Benzo(k)fluoranthene

Concen: 2.535 ng/ul m

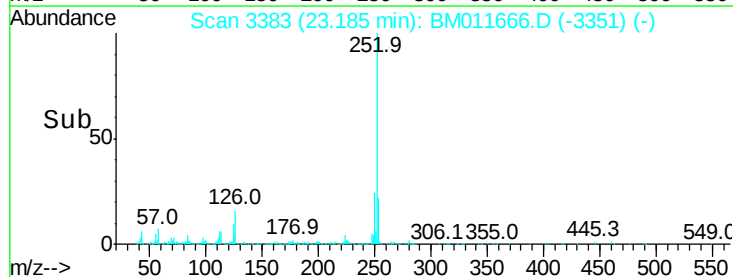
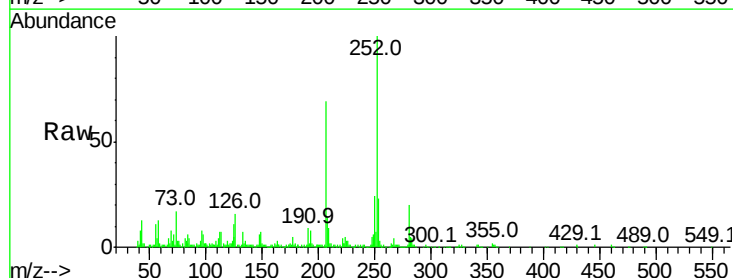
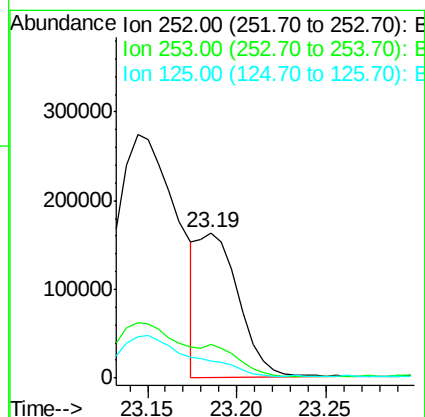
RT: 23.19 min Scan# 3383

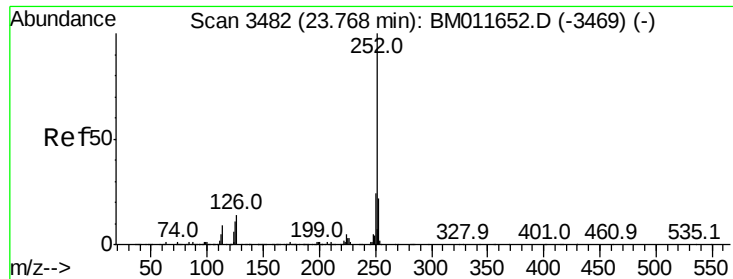
Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Tgt Ion:	252	Resp:	260992
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	11.5	5.4	8.0#





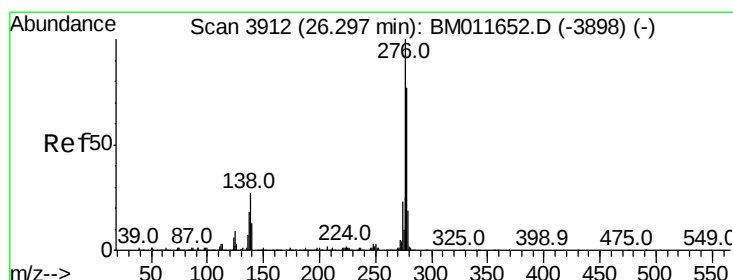
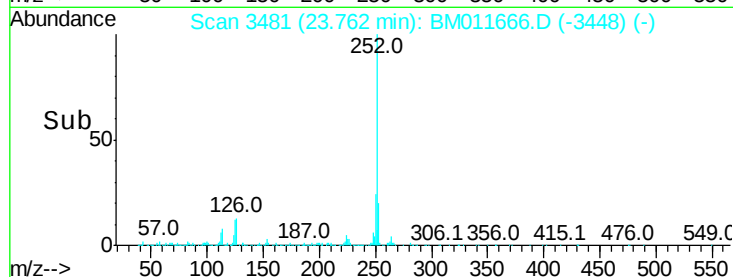
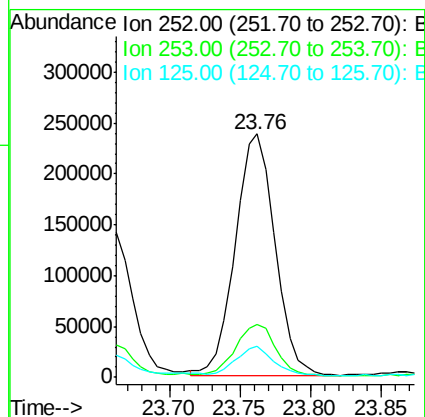
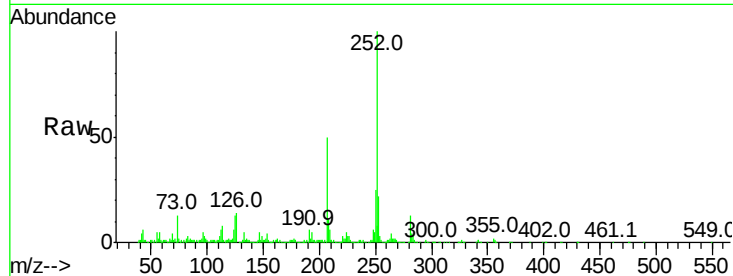
#91
Benzo(a)pyrene
Concen: 4.596 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM011666.D
Acq: 21 Sep 2017 22:40

Instrument :
BNA_M
ClientSampleId :
CB3B5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.8	5.8	8.6

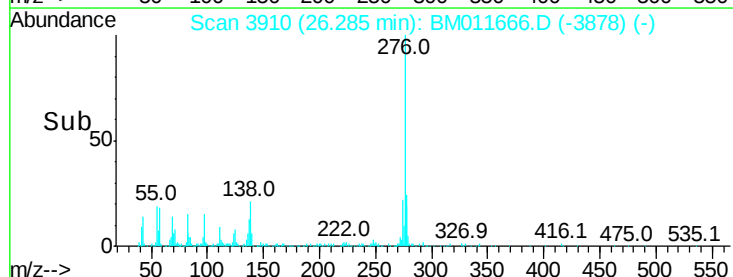
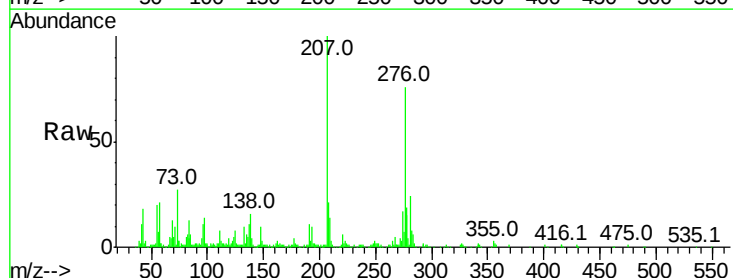
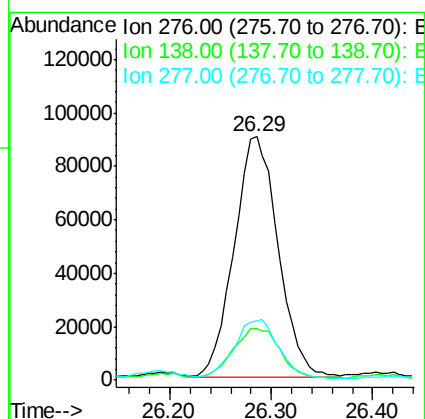
Manual Integrations
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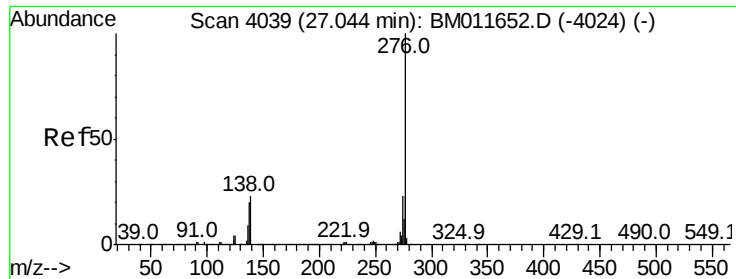
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.439 ng/ul
RT: 26.29 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM011666.D
Acq: 21 Sep 2017 22:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	10.9	16.3
277	24.6	18.9	28.3





#94

Benzo(a,h,i)perylene

Concen: 2.912 ng/ul

RT: 27.03 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BM011666.D

Acq: 21 Sep 2017 22:40

Instrument :

BNA_M

ClientSampleId :

CB3B5

Tot Ion:	276	Resp:	262476
Ion Ratio	Lower	Upper	
276	100		
138	22.4	11.2	16.8#
277	25.0	19.0	28.6

Manual Integrations
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