

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011752.D
 Acq On : 28 Sep 2017 08:36
 Operator : SJ/JU
 Sample : I5377-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3E0

Manual Integrations
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Sohil
 9/29/2017 2:23:21 PM

Quant Time: Sep 28 15:23:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	296107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1314768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	706929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1509970	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1170168	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1023682	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	7478	1.13	ng/uL	0.00
5) Phenol-d5	7.09	99	160300	5.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	170407	8.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	152901	7.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	125612	5.51	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	89341	8.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	70694	6.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	126617	6.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	23287	1.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.97	166	496458	8.19	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	482066	6.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	3999	0.39	ng/ul	0.02
57) Fluorene-d10	15.56	176	481200	9.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	11788	1.15	ng/ul	0.00
70) Anthracene-d10	17.41	188	636307	8.28	ng/ul	0.00
76) Pyrene-d10	19.70	212	738229	13.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	425714	8.69	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.02	163	100281	1.729	ng/ul	99
47) Acenaphthylene	14.30	152	149068	2.027	ng/ul	99
58) Fluorene	15.62	166	61550	1.057	ng/ul	97
69) Phenanthrene	17.36	178	796398	9.424	ng/ul	98
71) Anthracene	17.44	178	187035	2.148	ng/ul	97
74) Fluoranthene	19.36	202	1215645	11.782	ng/ul#	89
77) Pyrene	19.73	202	1130479	16.212	ng/ul#	87
80) Benzo(a)anthracene	21.46	228	492129	7.517	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	43830	1.007	ng/ul#	97
82) Chrysene	21.52	228	470090	7.613	ng/ul	96
85) Benzo(b)fluoranthene	23.13	252	666527	11.035	ng/ul#	95
86) Benzo(k)fluoranthene	23.17	252	172850m	2.805	ng/ul	
88) Benzo(a)pyrene	23.74	252	409991	7.028	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	340297	5.603	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.27	278	84167	1.655	ng/ul#	88
91) Benzo(g,h,i)perylene	27.01	276	322304	6.393	ng/ul#	86

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

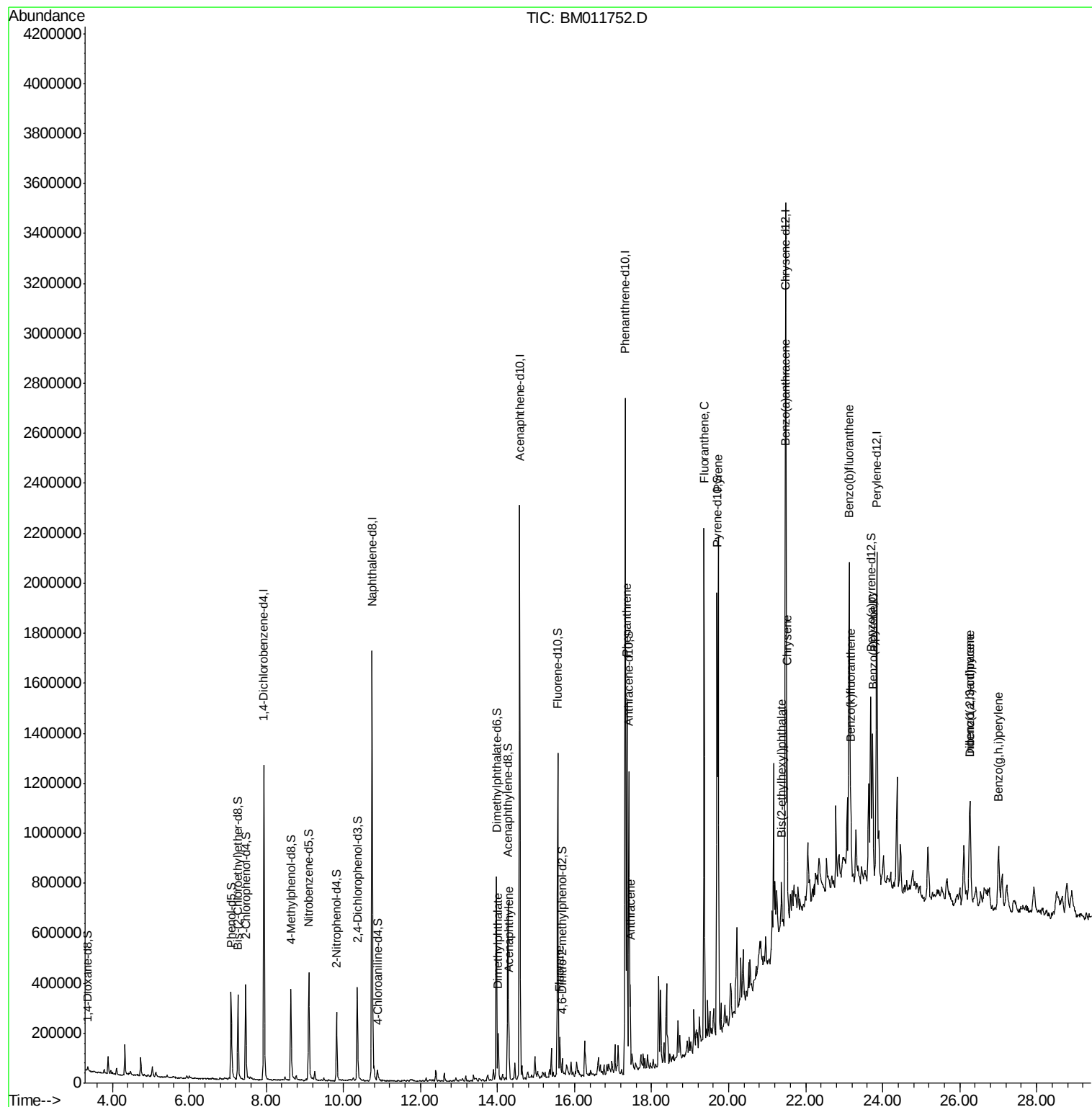
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011752.D
Acq On : 28 Sep 2017 08:36
Operator : SJ/JU
Sample : I5377-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

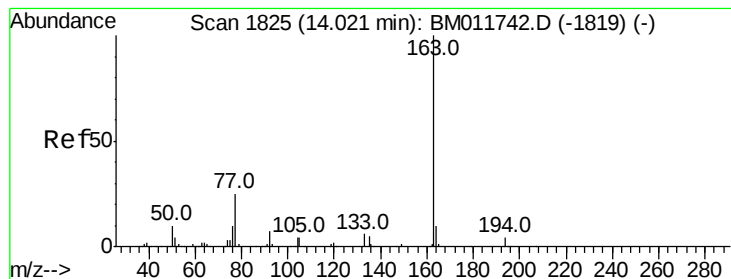
Instrument :
BNA_M
ClientSampled :
CB3E0

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Quant Time: Sep 28 15:23:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.729 ng/ul

RT: 14.02 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Instrument :

BNA_M

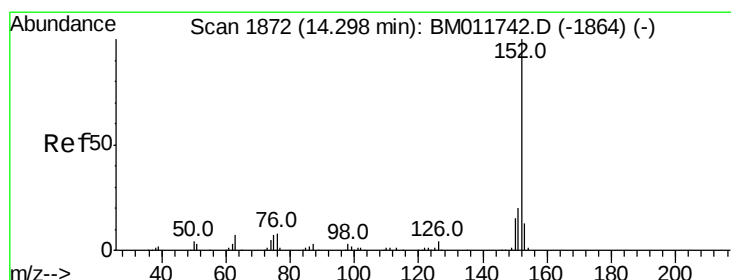
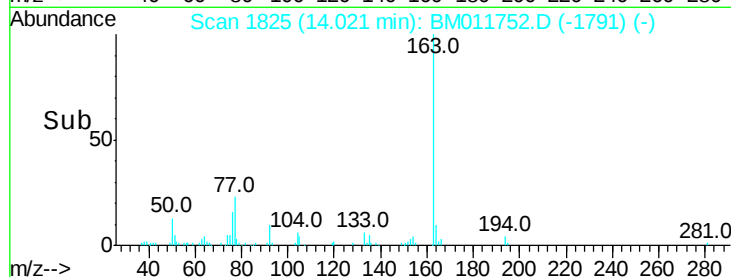
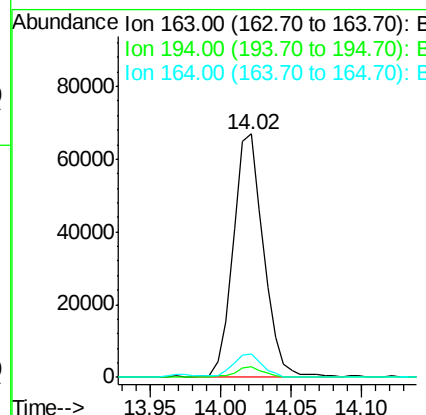
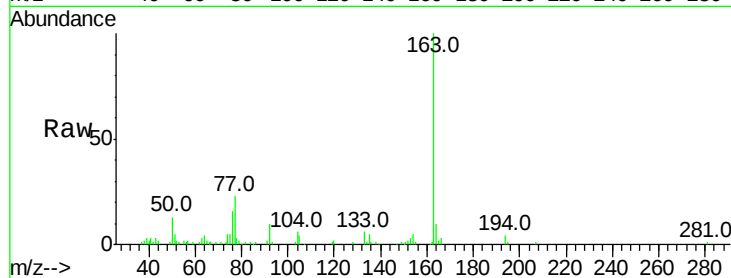
ClientSampleId :

CB3E0

Tot Ion:	163	Resp:	100281
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.6	8.2	12.4

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#47

Acenaphthylene

Concen: 2.027 ng/ul

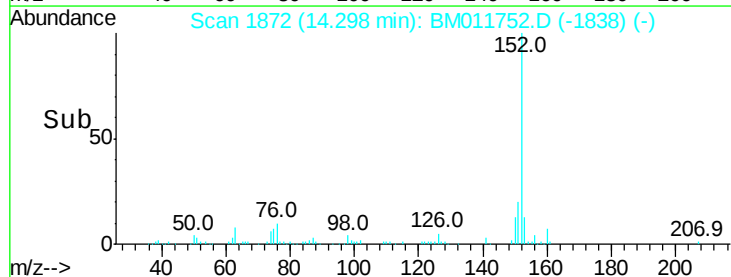
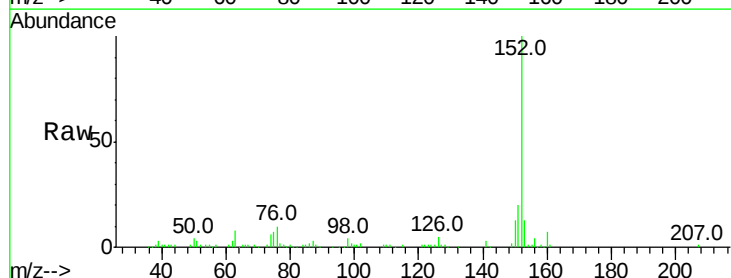
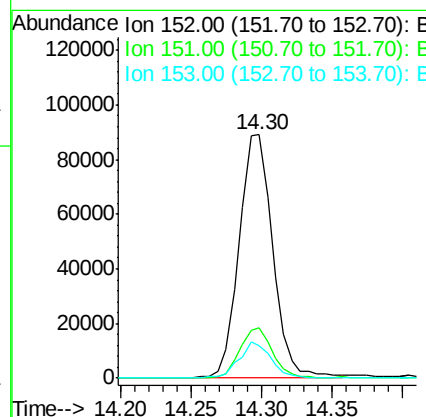
RT: 14.30 min Scan# 1872

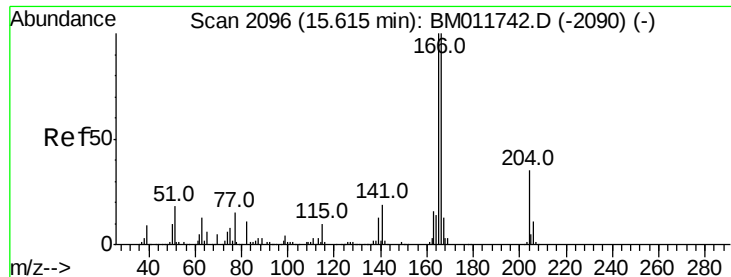
Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Tgt Ion:	152	Resp:	149068
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.4	10.2	15.4





#58

Fluorene

Concen: 1.057 ng/ul

RT: 15.62 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Instrument :

BNA_M

ClientSampleId :

CB3E0

Tot Ion:166 Resp: 61550

Ion Ratio Lower Upper

166 100

165 100.6 77.9 116.9

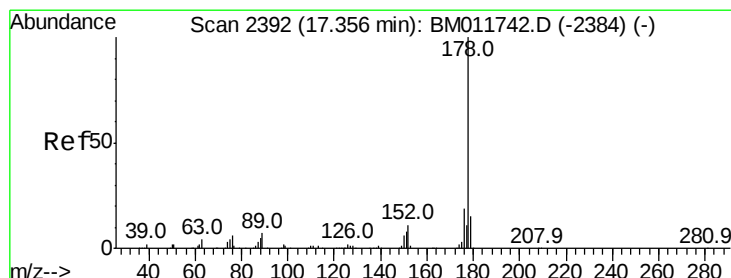
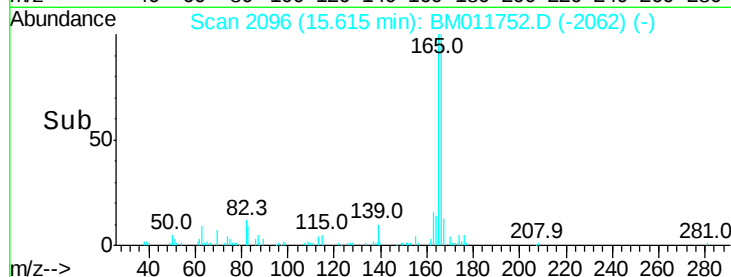
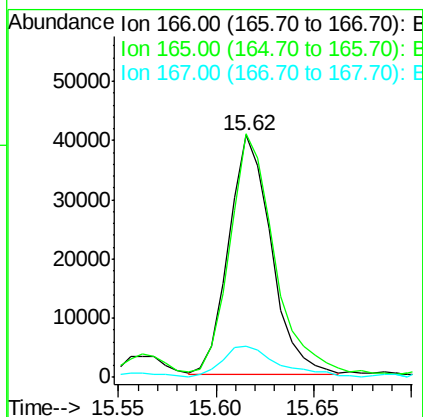
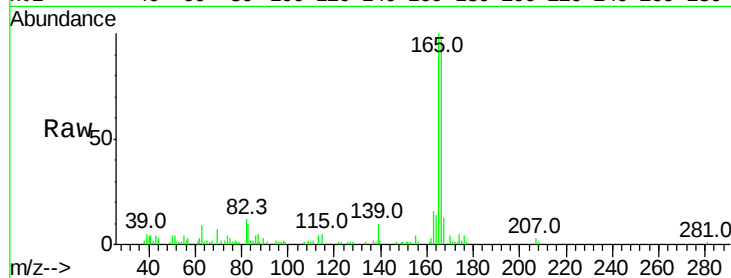
167 13.1 10.6 16.0

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#69

Phenanthrene

Concen: 9.424 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

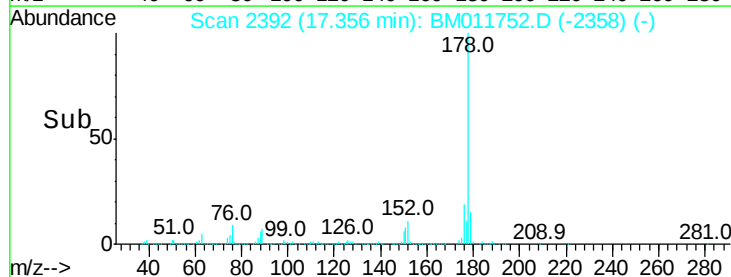
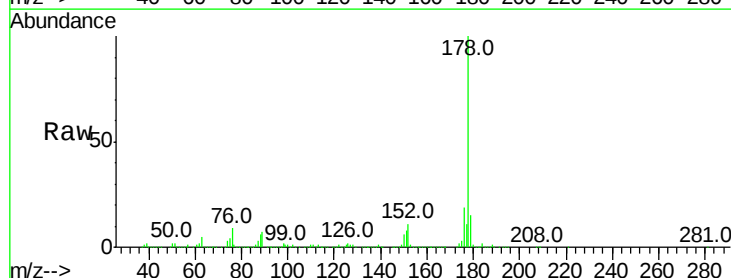
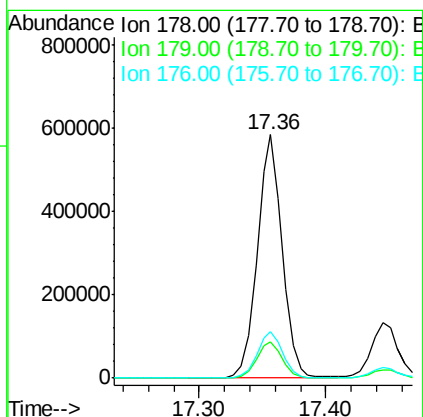
Tgt Ion:178 Resp: 796398

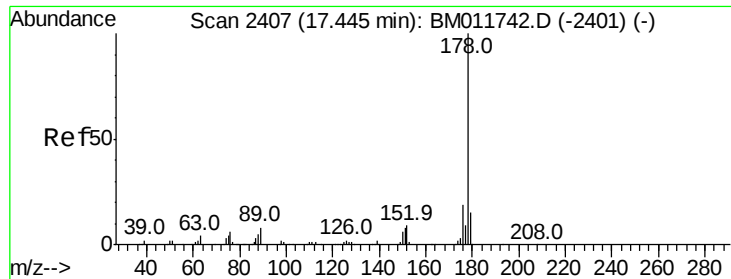
Ion Ratio Lower Upper

178 100

179 14.6 12.6 19.0

176 19.2 14.9 22.3





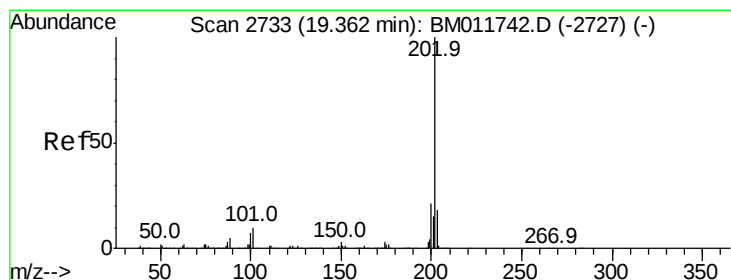
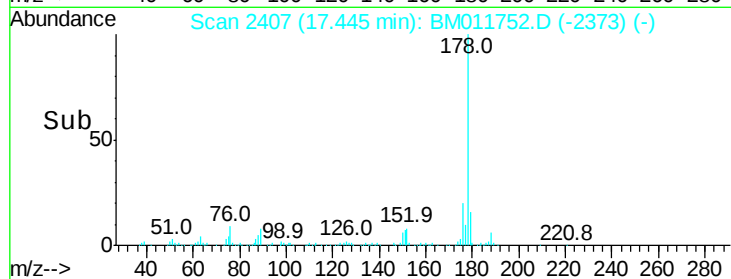
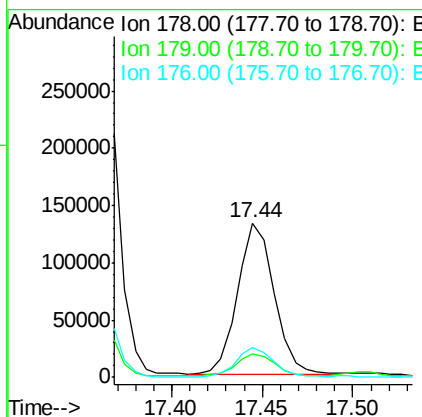
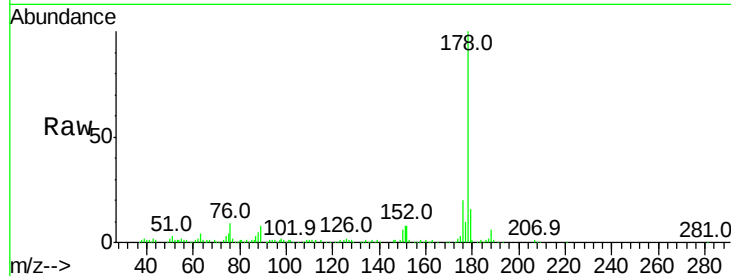
#71
 Anthracene
 Concen: 2.148 ng/ul
 RT: 17.44 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM011752.D
 Acq: 28 Sep 2017 08:36

Instrument :
 BNA_M
 ClientSampleId :
 CB3E0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	19.6	14.6	21.8

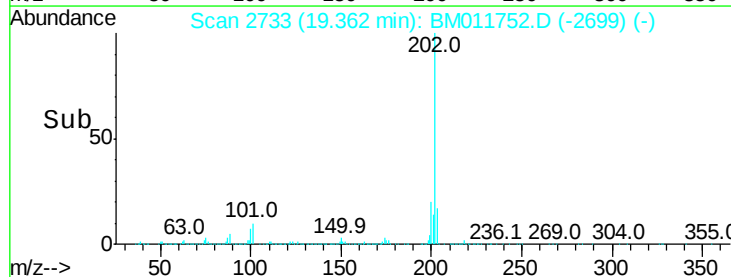
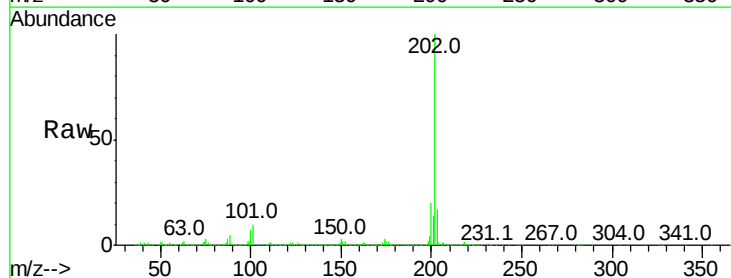
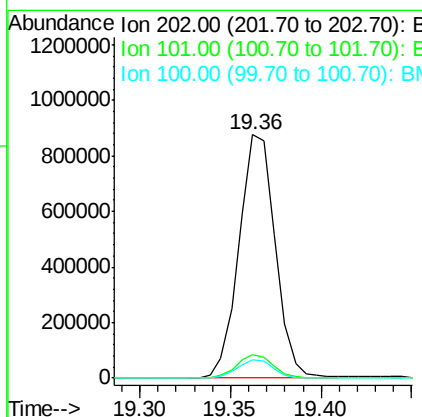
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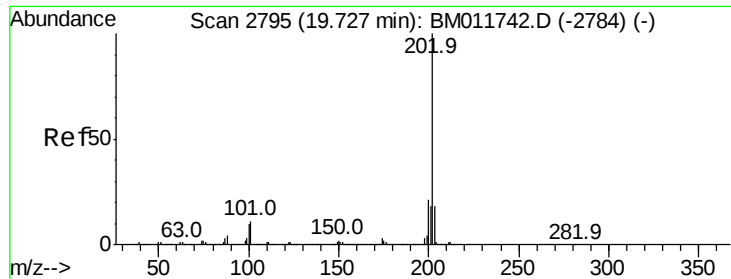
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#74
 Fluoranthene
 Concen: 11.782 ng/ul
 RT: 19.36 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM011752.D
 Acq: 28 Sep 2017 08:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	4.6	7.0#
100	7.5	3.4	5.2#





#77

Pvrene

Concen: 16.212 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Instrument :

BNA_M

ClientSampleId :

CB3E0

Tot Ion:202 Resp: 1130479

Ion Ratio Lower Upper

202 100

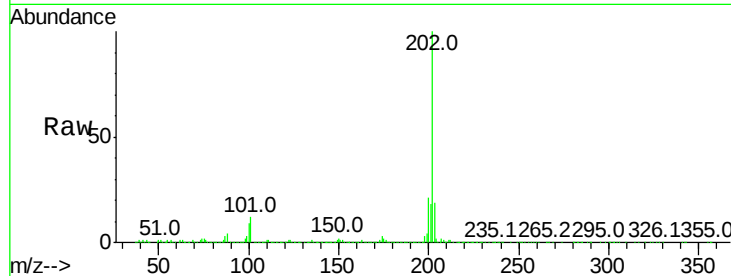
101 11.7 5.1 7.7#

100 9.4 4.9 7.3#

Manual Integrations
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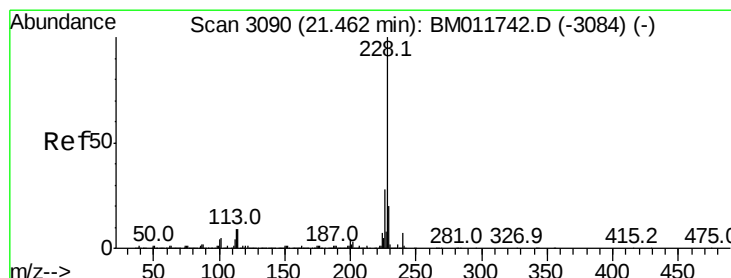
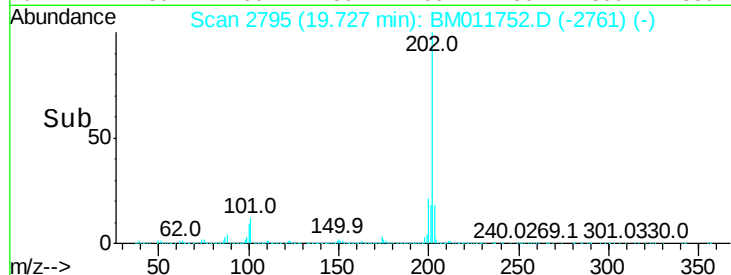
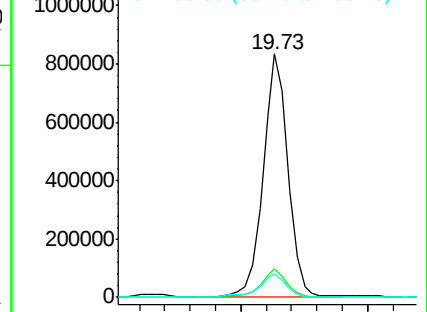
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 7.517 ng/ul

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

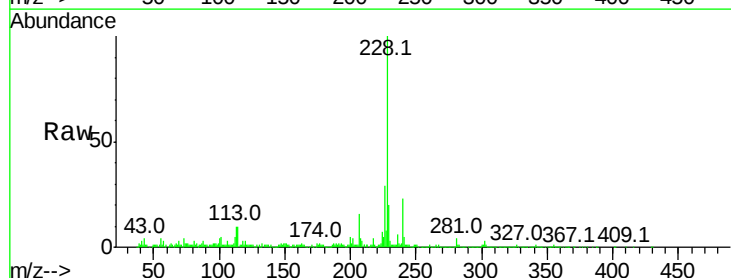
Tgt Ion:228 Resp: 492129

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

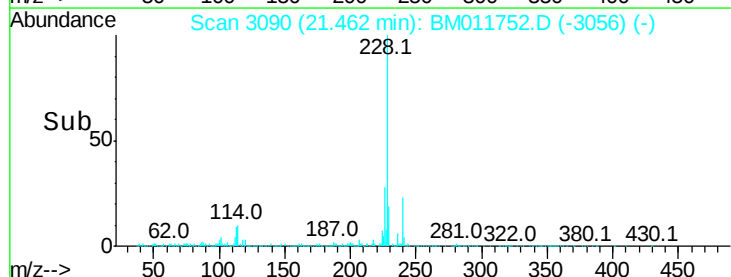
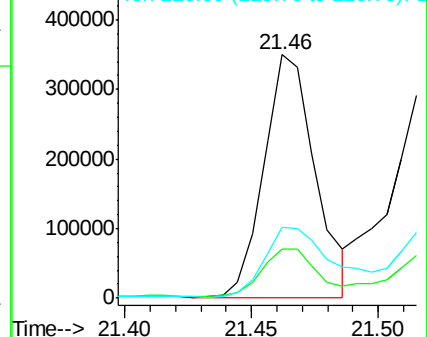
226 28.9 21.4 32.0

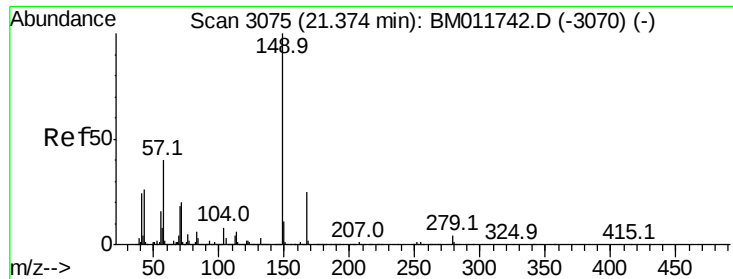


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





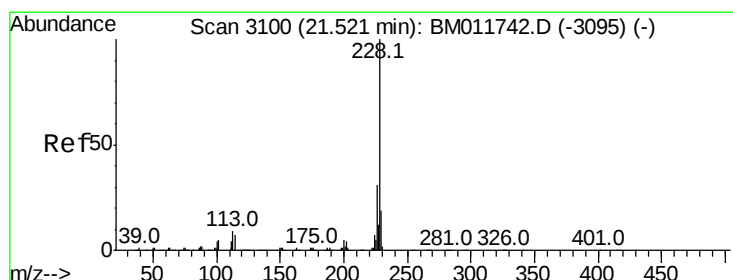
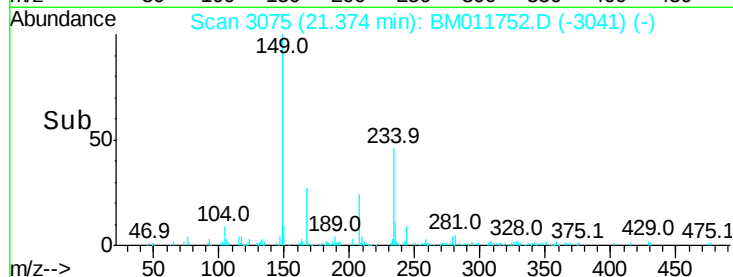
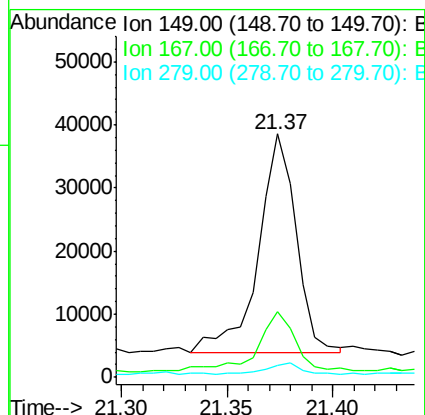
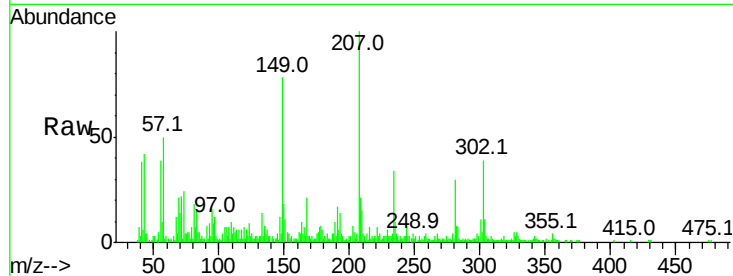
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.007 ng/ul
 RT: 21.37 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM011752.D
 Acq: 28 Sep 2017 08:36

Instrument :
 BNA_M
 ClientSampled :
 CB3E0

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.8	34.2
279	4.7	4.9	7.3#

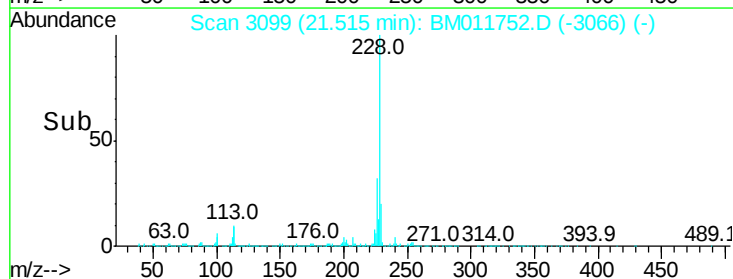
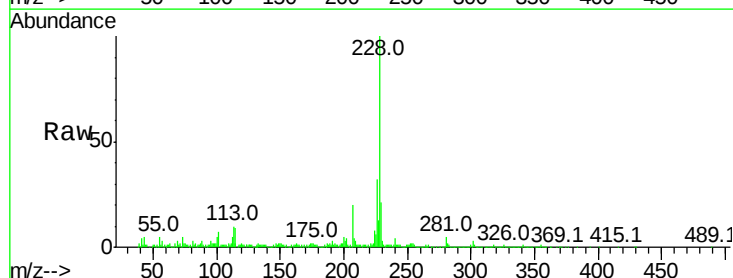
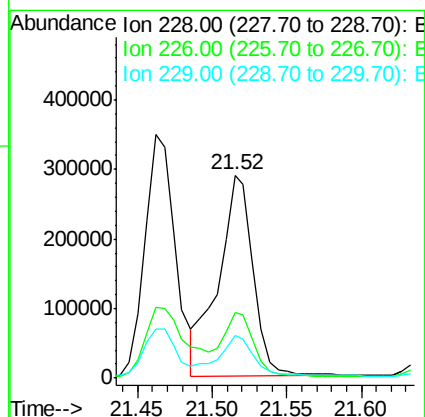
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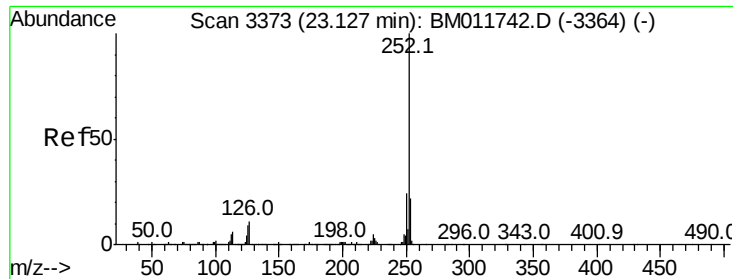
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#82
 Chrysene
 Concen: 7.613 ng/ul
 RT: 21.52 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM011752.D
 Acq: 28 Sep 2017 08:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.2
229	20.8	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 11.035 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Instrument :

BNA_M

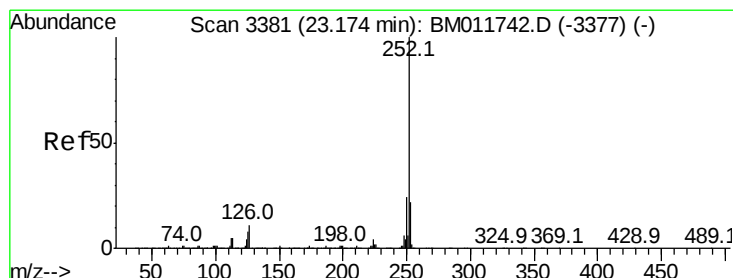
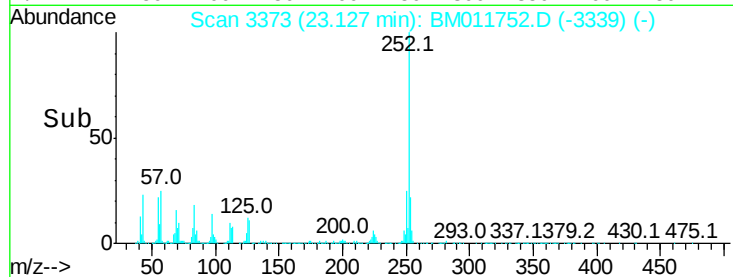
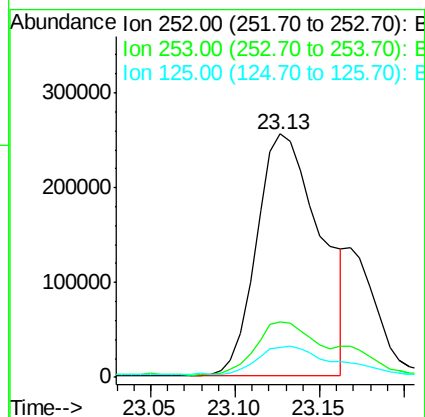
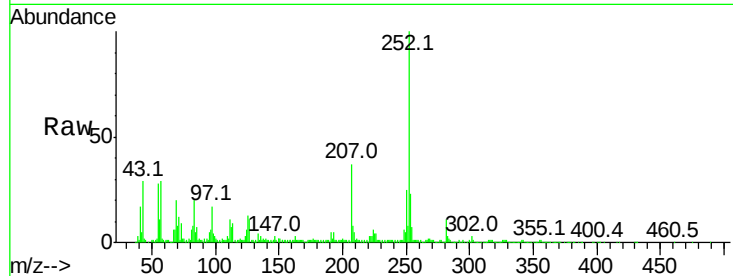
ClientSampleId :

CB3E0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.5	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.805 ng/ul m

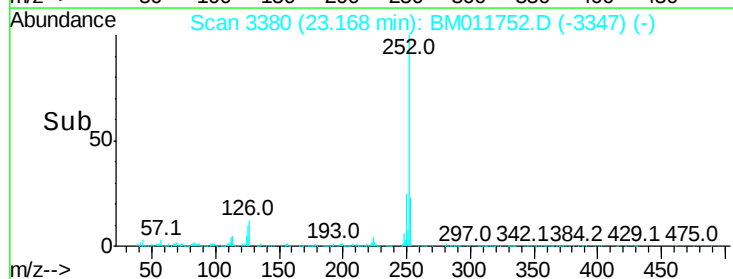
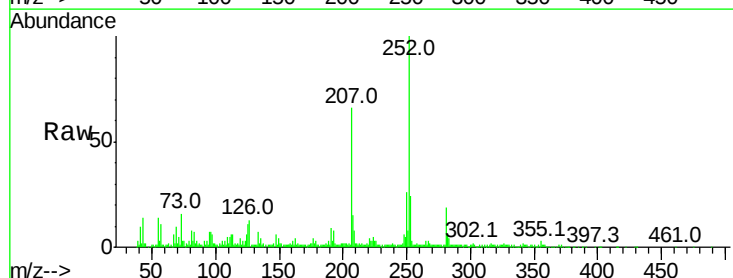
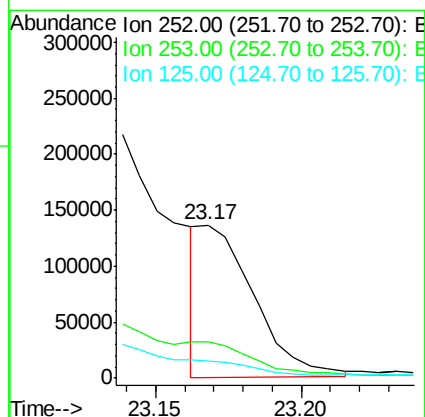
RT: 23.17 min Scan# 3380

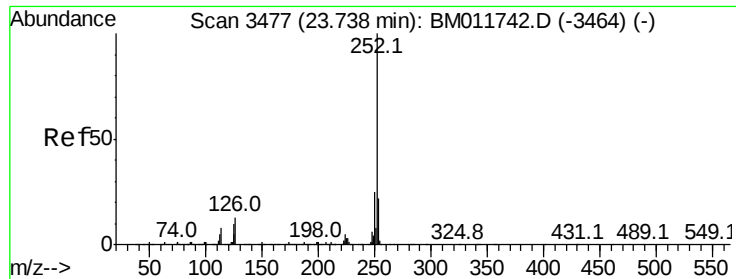
Delta R.T. -0.01 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 7.028 ng/ul

RT: 23.74 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Instrument :

BNA_M

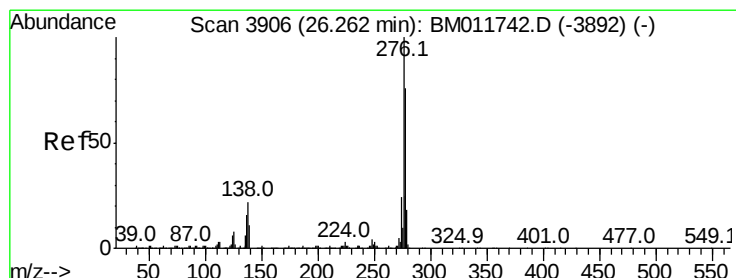
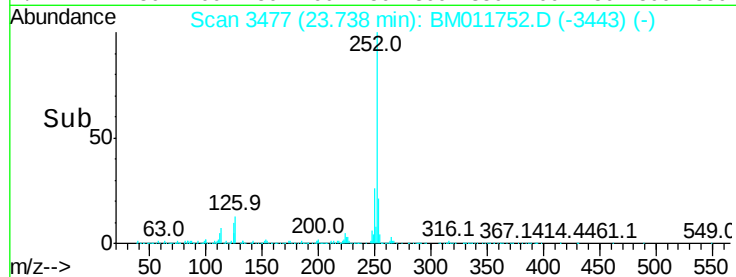
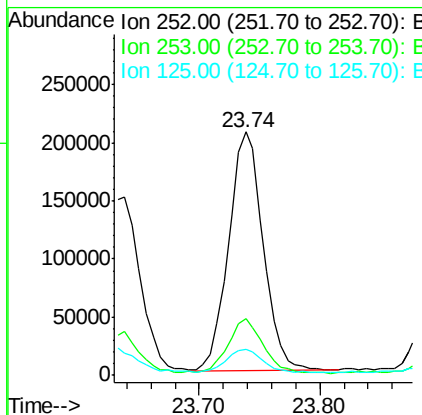
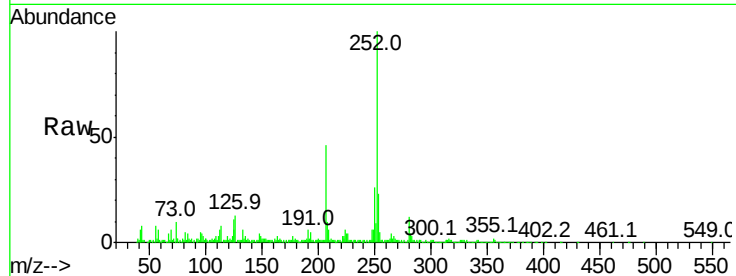
ClientSampled :

CB3E0

Tot Ion:	252	Resp:	409991
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	10.9	4.0	6.0#

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:21 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.603 ng/ul

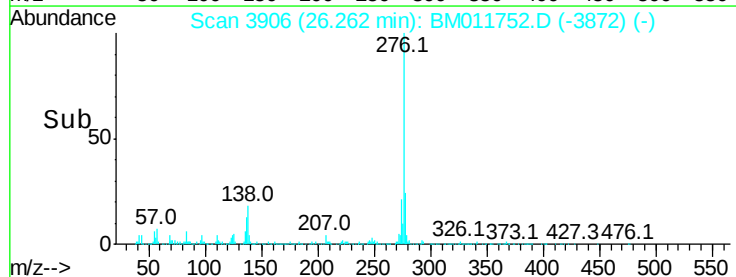
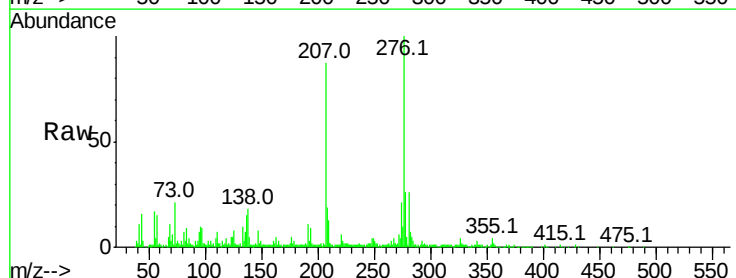
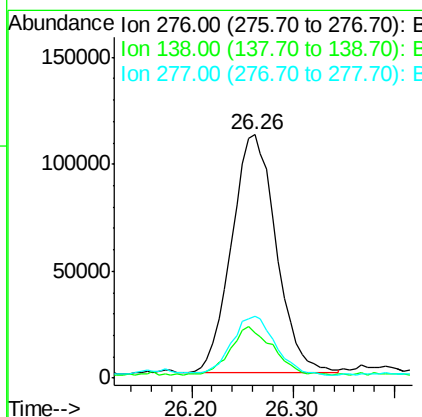
RT: 26.26 min Scan# 3906

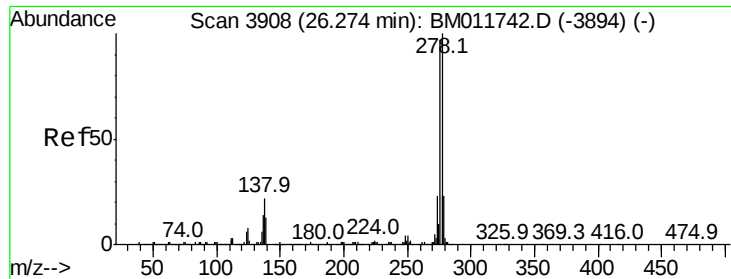
Delta R.T. 0.00 min

Lab File: BM011752.D

Acq: 28 Sep 2017 08:36

Tgt Ion:	276	Resp:	340297
Ion Ratio	Lower	Upper	
276	100		
138	18.4	9.3	13.9#
277	25.5	19.9	29.9





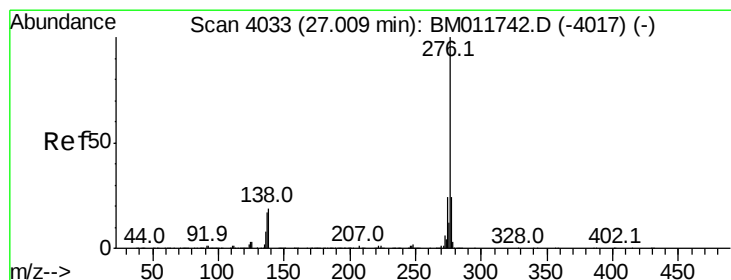
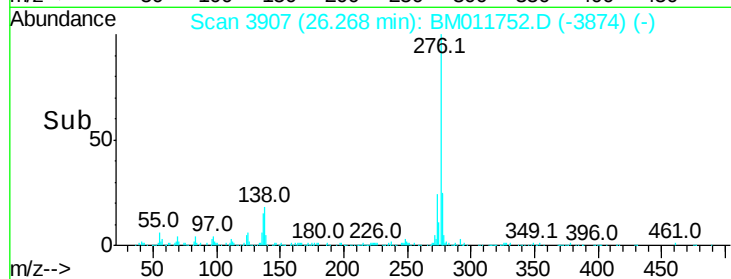
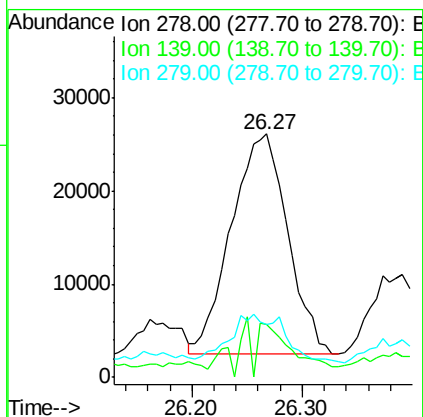
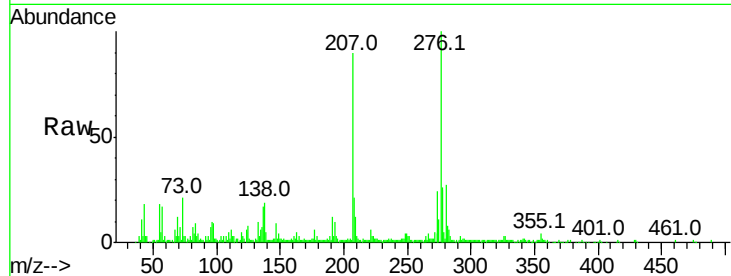
#90
Dibenzo(a,h)anthracene
Concen: 1.655 ng/ul
RT: 26.27 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM011752.D
Acq: 28 Sep 2017 08:36

Instrument :
BNA_M
ClientSampleId :
CB3E0

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.6	5.8	8.8#
279	21.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
9/29/2017 2:23:21 PM



#91
Benzo(g,h,i)perylene
Concen: 6.393 ng/ul
RT: 27.01 min Scan# 4033
Delta R.T. 0.00 min
Lab File: BM011752.D
Acq: 28 Sep 2017 08:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	8.5	12.7#
277	26.8	18.6	28.0

