

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010733.D
 Acq On : 24 Jun 2017 17:03
 Operator : SJ/JU
 Sample : I3627-04DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A10DL

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:42:34 AM

Quant Time: Jun 26 07:52:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 04:54:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	61789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	281483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	193935	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	471123	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	548316	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	454216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	907	0.84	ng/uL	0.00
5) Phenol-d5	6.65	99	28530	4.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	15913	4.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	21283	5.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	25150	5.15	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	11007	5.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	13690	5.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	28610	5.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	30967	6.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	103065	6.05	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	111532	5.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	12799	4.27	ng/ul	-0.01
57) Fluorene-d10	15.11	176	89931	6.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	14226	4.92	ng/ul	0.00
70) Anthracene-d10	16.96	188	144201	6.34	ng/ul	0.00
76) Pyrene-d10	19.27	212	176532	6.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	146044	6.65	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.57	163	40740	2.441 ng/ul#	97
47) Acenaphthylene	13.83	152	25007	1.326 ng/ul#	91
69) Phenanthrene	16.90	178	26421m	1.055 ng/ul	
71) Anthracene	17.00	178	32492	1.259 ng/ul	96
74) Fluoranthene	18.93	202	145358	4.503 ng/ul#	97
77) Pyrene	19.30	202	274968	8.682 ng/ul	99
80) Benzo(a)anthracene	21.07	228	324195	10.153 ng/ul	96
82) Chrysene	21.12	228	400205	14.057 ng/ul	97
85) Benzo(b)fluoranthene	22.59	252	664259	22.529 ng/ul#	98
86) Benzo(k)fluoranthene	22.63	252	207320m	7.417 ng/ul	
88) Benzo(a)pyrene	23.13	252	348791	12.849 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	181572	6.450 ng/ul	98
90) Dibenzo(a,h)anthracene	25.33	278	49506	2.110 ng/ul#	95
91) Benzo(g,h,i)perylene	25.97	276	126373	5.639 ng/ul#	96

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

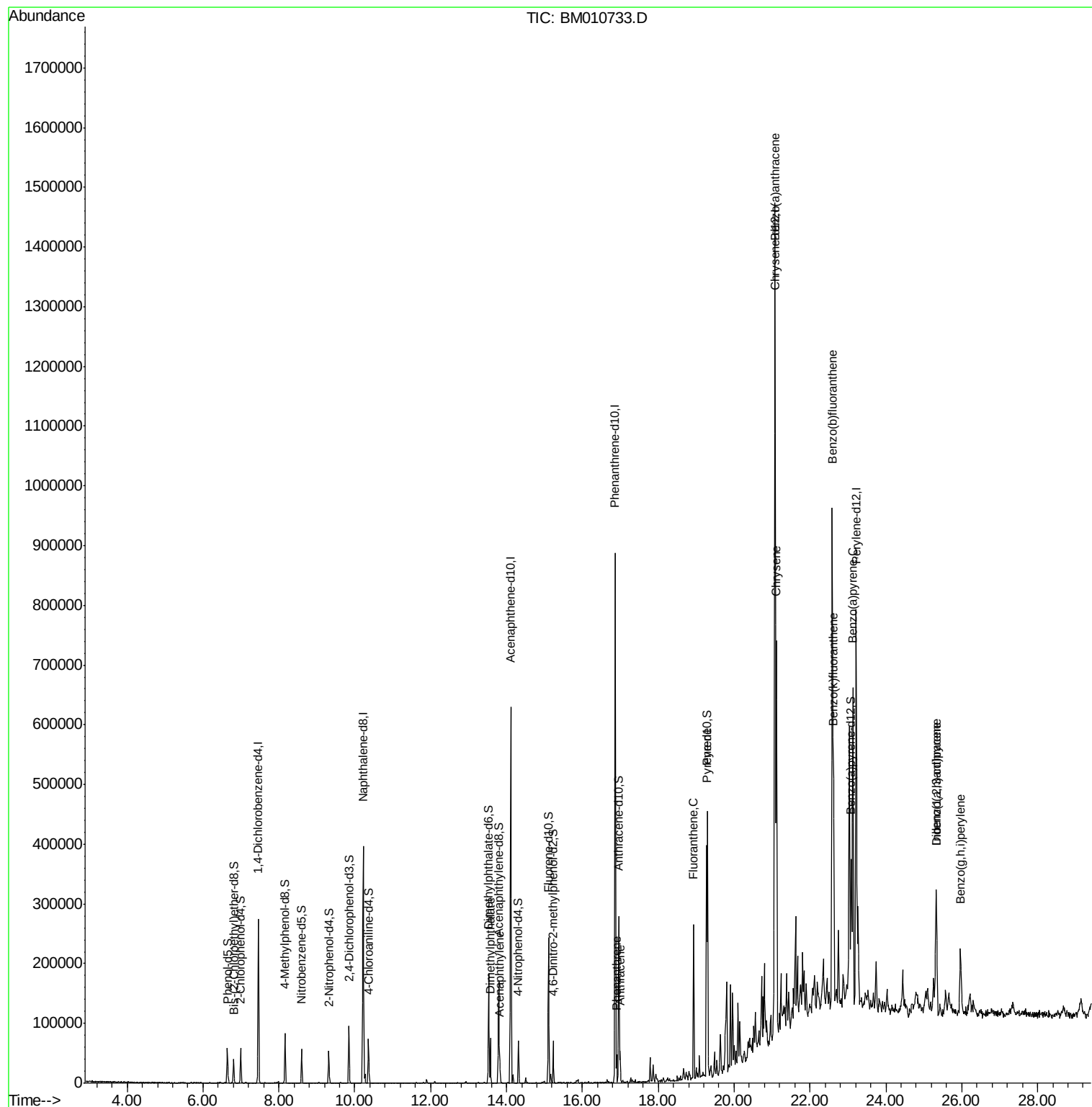
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010733.D
Acq On : 24 Jun 2017 17:03
Operator : SJ/JU
Sample : I3627-04DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

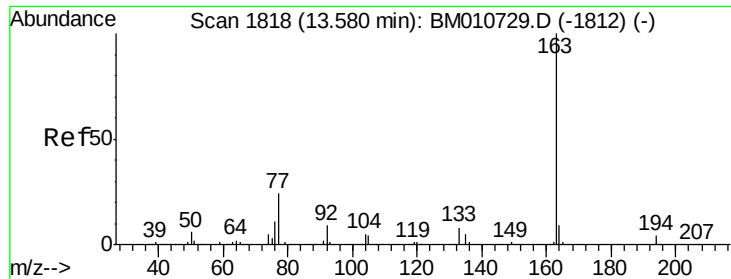
Instrument :
BNA_M
ClientSampled :
F5A10DL

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6/28/2017 7:42:34 AM

Quant Time: Jun 26 07:52:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





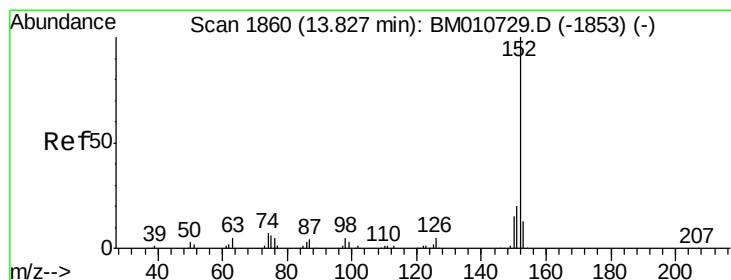
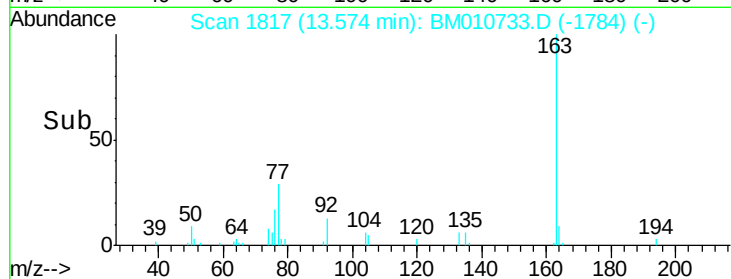
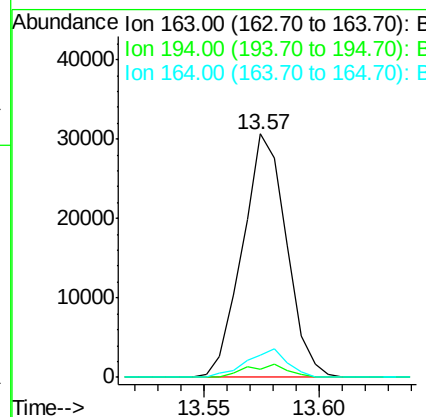
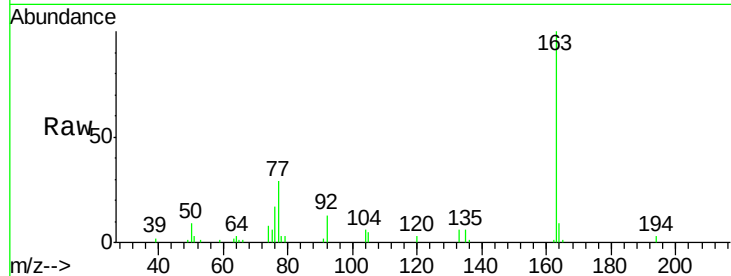
#44
Dimethylphthalate
Concen: 2.441 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Instrument :
BNA_M
ClientSampleId :
F5A10DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	9.0	8.2	12.4

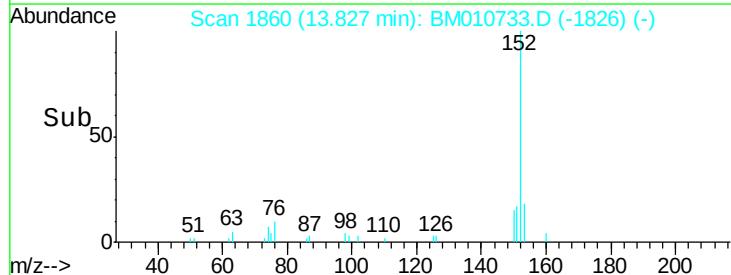
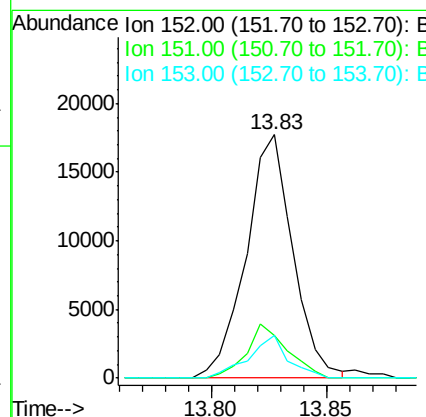
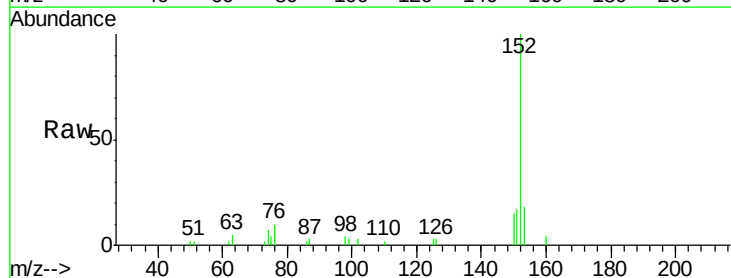
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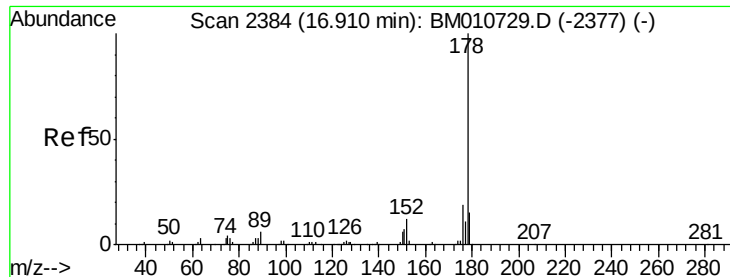
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#47
Acenaphthylene
Concen: 1.326 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.4	16.3	24.5
153	17.7	10.2	15.4#





#69

Phenanthrene

Concen: 1.055 ng/ul m

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

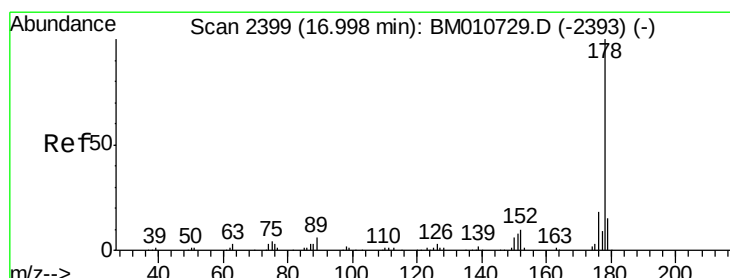
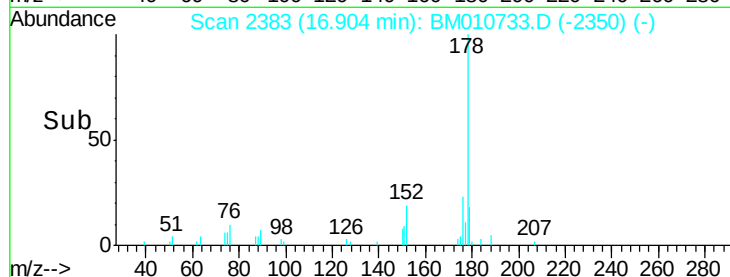
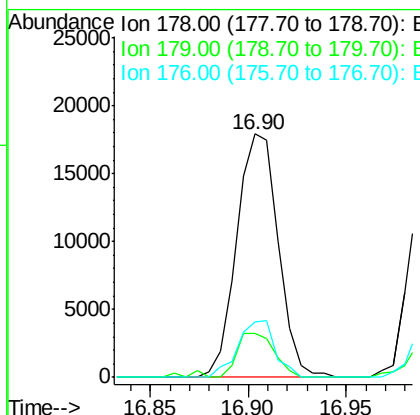
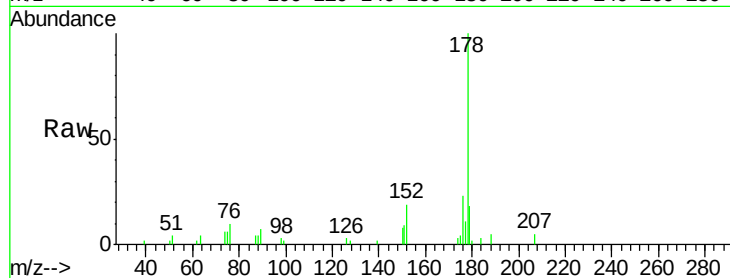
ClientSampleId :

F5A10DL

Tgt Ion:	178	Resp:	26421
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.6	19.0
176	22.5	14.9	22.3#

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#71

Anthracene

Concen: 1.259 ng/ul

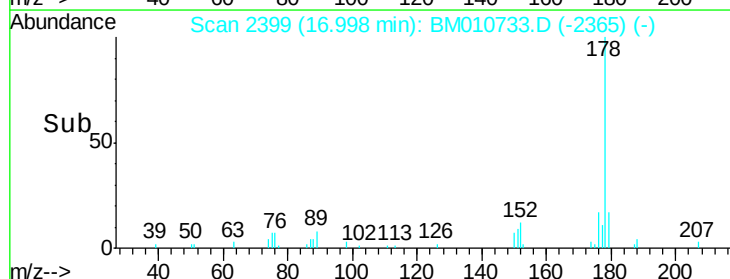
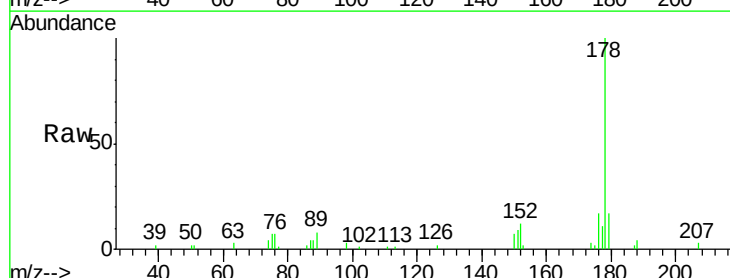
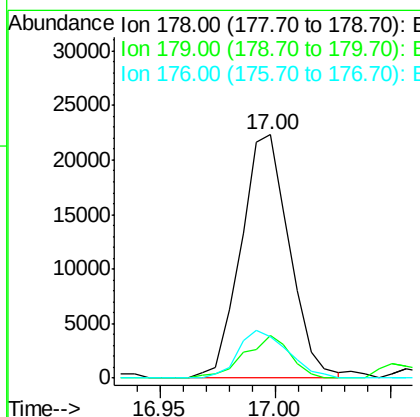
RT: 17.00 min Scan# 2399

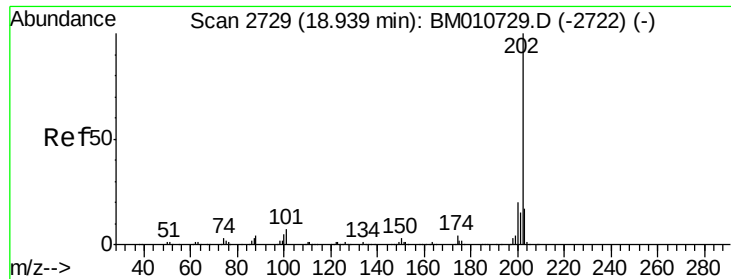
Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Tgt Ion:	178	Resp:	32492
Ion Ratio	Lower	Upper	
178	100		
179	17.3	11.7	17.5
176	17.0	14.6	21.8





#74

Fluoranthene

Concen: 4.503 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

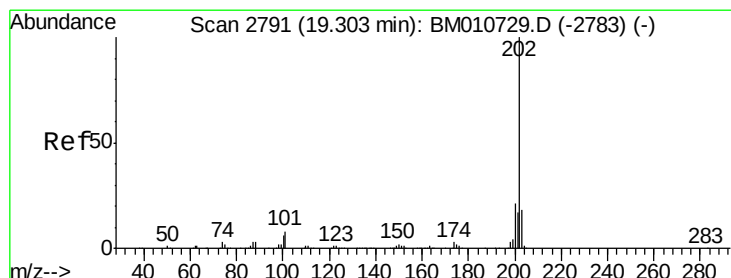
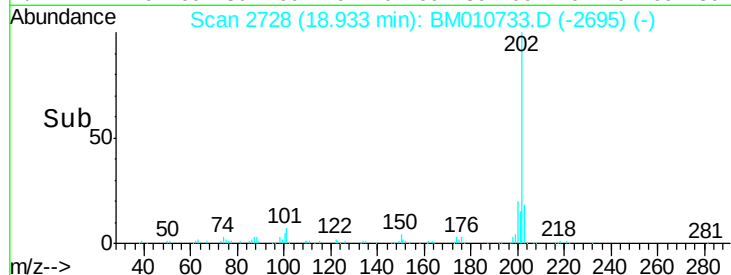
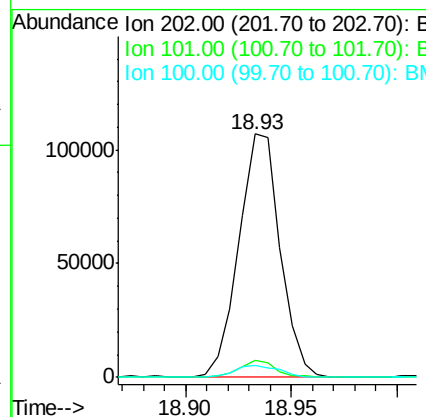
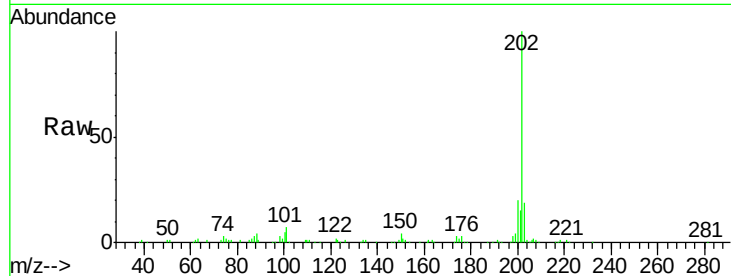
ClientSampleId :

F5A10DL

Tgt Ion:	202	Resp:	145358
Ion Ratio		Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	5.1	3.4	5.2

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#77

Pyrene

Concen: 8.682 ng/ul

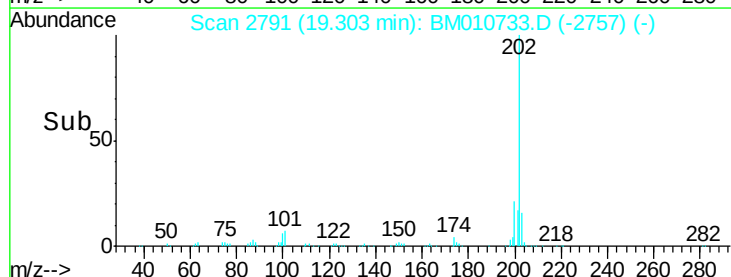
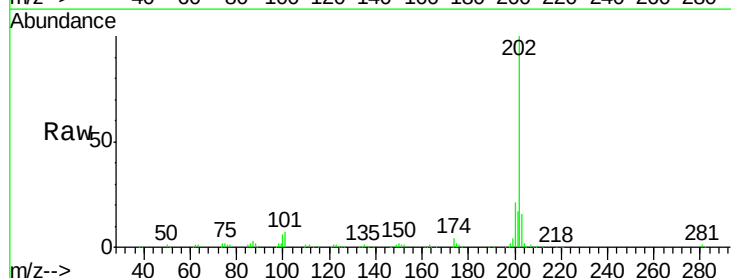
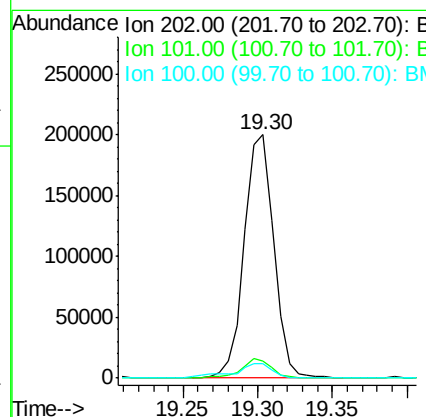
RT: 19.30 min Scan# 2791

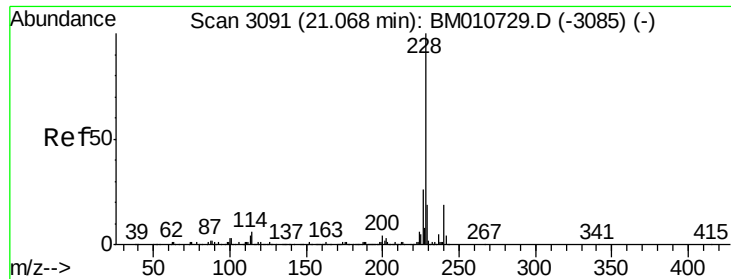
Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Tgt Ion:	202	Resp:	274968
Ion Ratio		Lower	Upper
202	100		
101	7.2	5.1	7.7
100	5.9	4.9	7.3





#80

Benzo(a)anthracene

Concen: 10.153 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

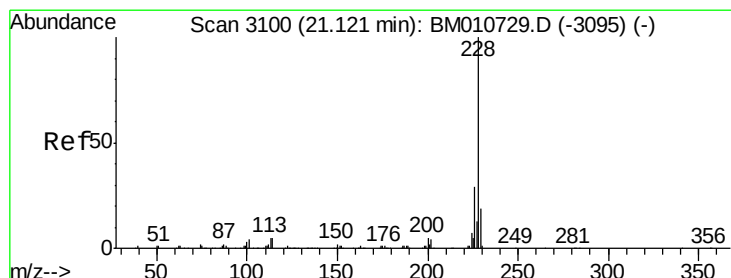
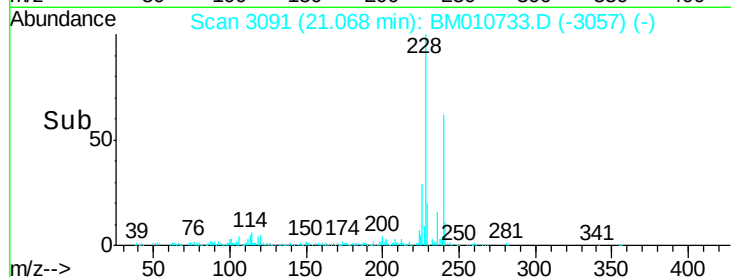
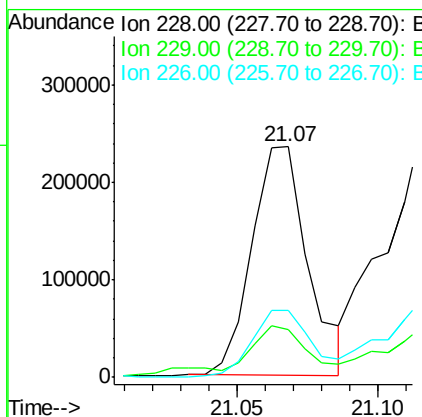
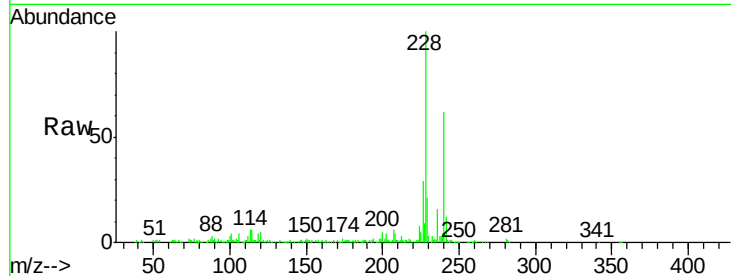
ClientSampleId :

F5A10DL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	324195		
229	20.7	15.4	23.0	
226	29.2	21.4	32.0	

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#82

Chrysene

Concen: 14.057 ng/ul

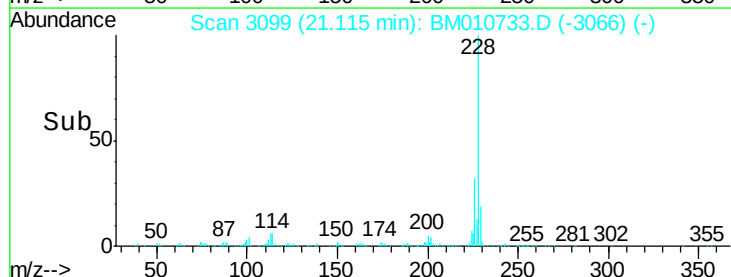
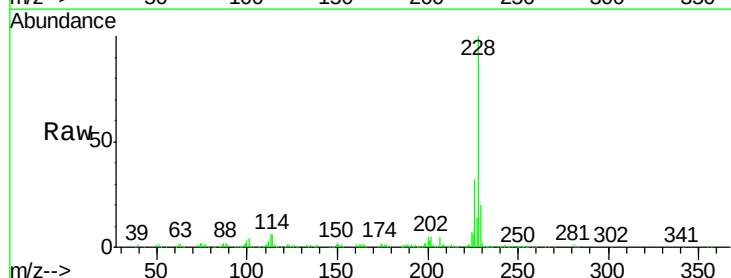
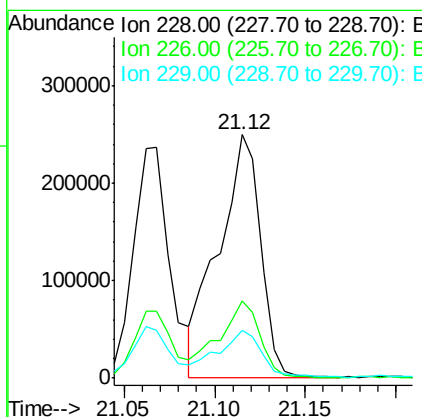
RT: 21.12 min Scan# 3099

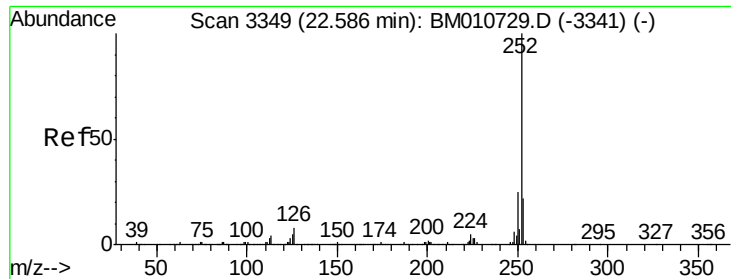
Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	400205		
226	31.7	23.4	35.2	
229	19.8	15.5	23.3	





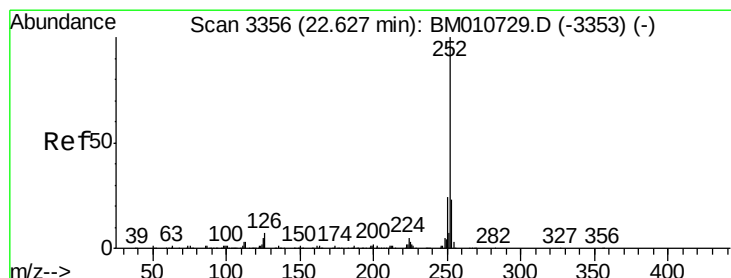
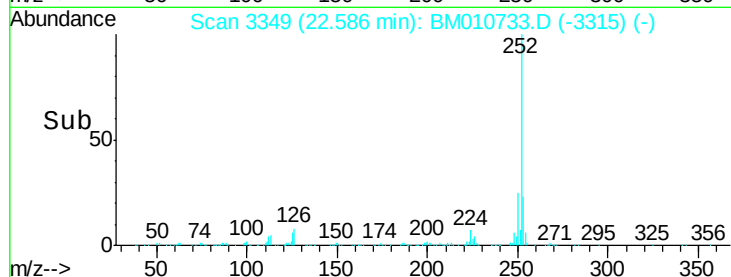
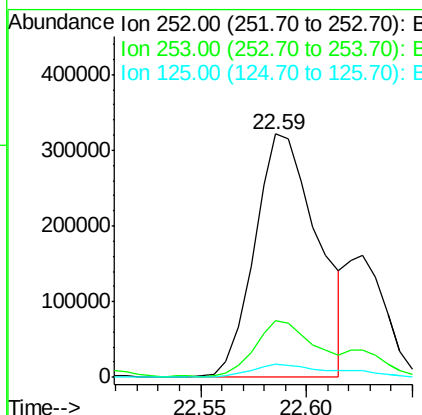
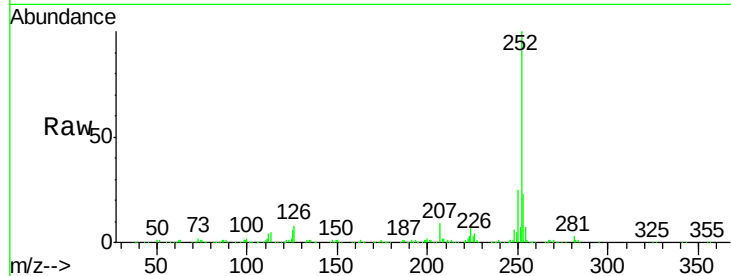
#85
Benzo(b)fluoranthene
Concen: 22.529 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Instrument :
BNA_M
ClientSampleId :
F5A10DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	5.6	3.6	5.4

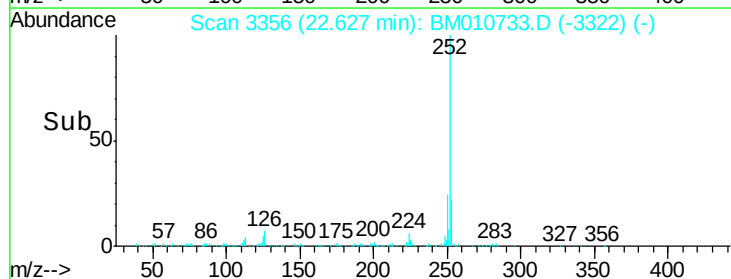
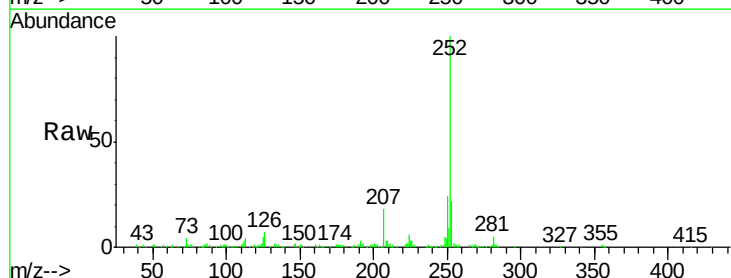
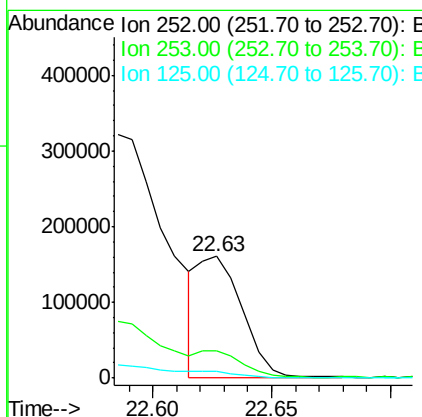
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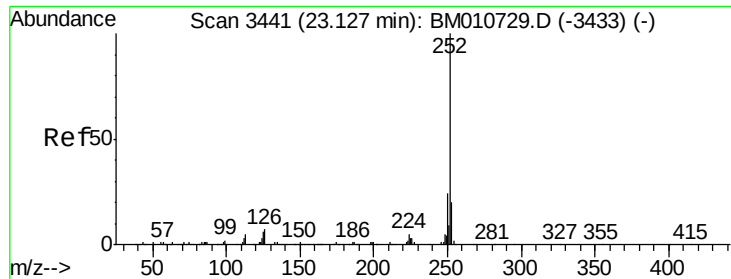
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#86
Benzo(k)fluoranthene
Concen: 7.417 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	5.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 12.849 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Instrument :

BNA_M

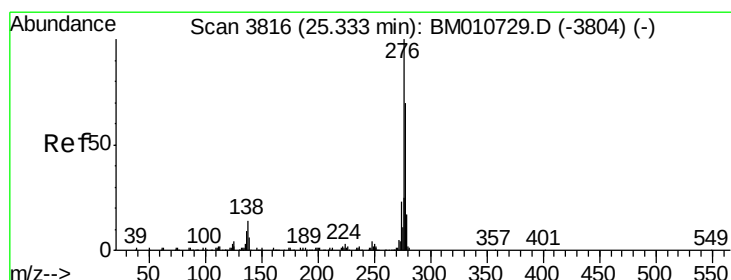
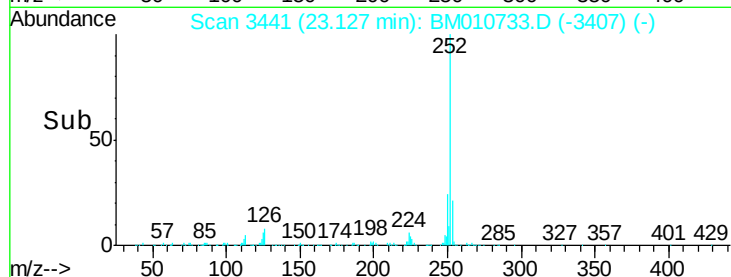
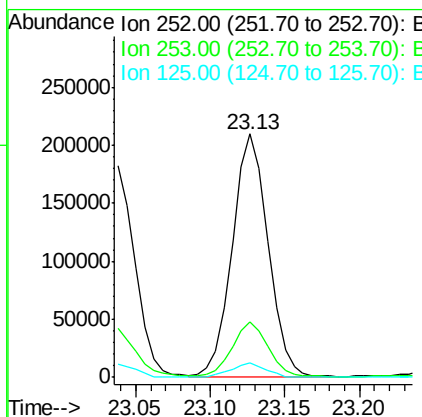
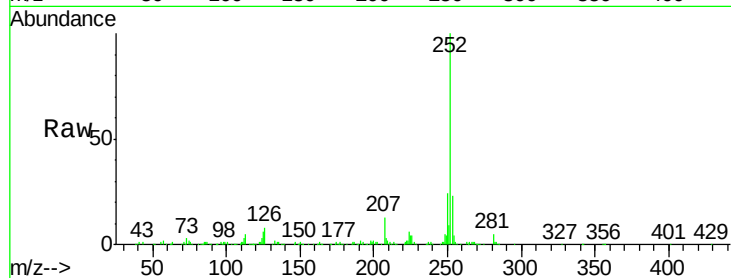
ClientSampleId :

F5A10DL

Tgt Ion:	252	Resp:	348791
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	6.0	4.0	6.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 6.450 ng/ul

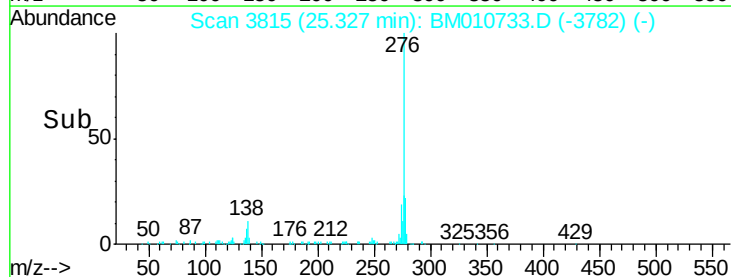
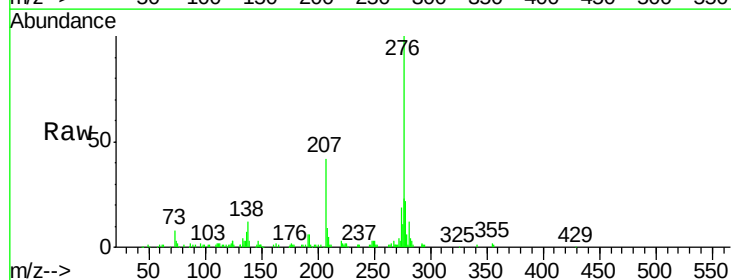
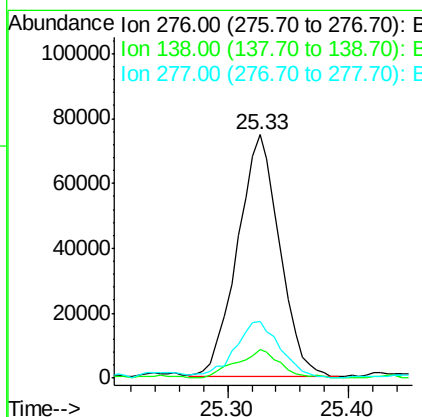
RT: 25.33 min Scan# 3815

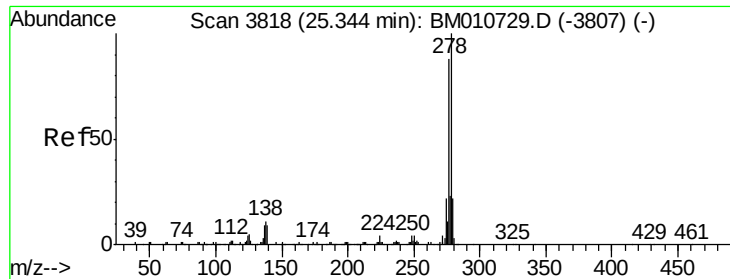
Delta R.T. -0.01 min

Lab File: BM010733.D

Acq: 24 Jun 2017 17:03

Tgt Ion:	276	Resp:	181572
Ion Ratio	Lower	Upper	
276	100		
138	11.5	9.3	13.9
277	23.5	19.9	29.9





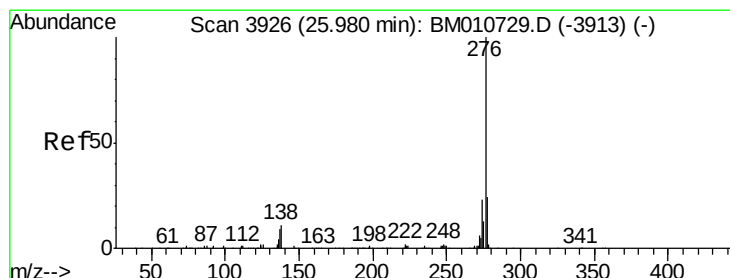
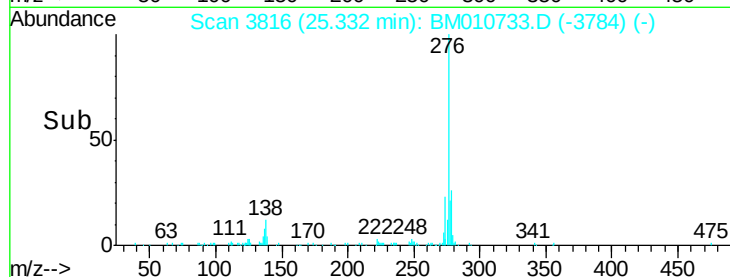
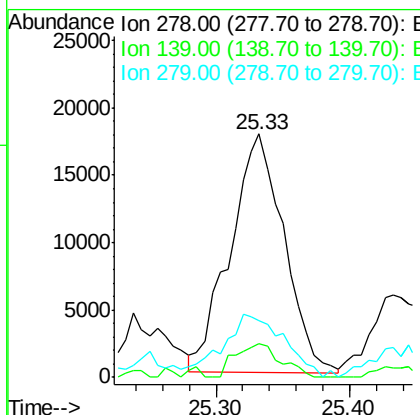
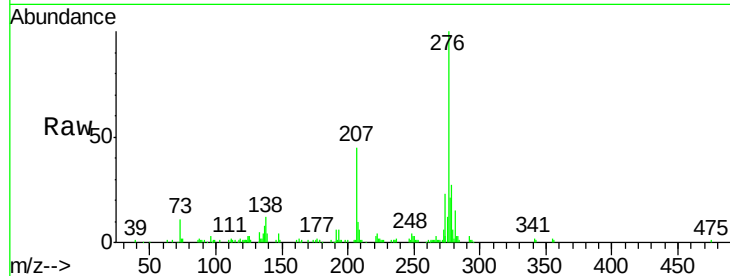
#90
Dibenzo(a,h)anthracene
Concen: 2.110 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Instrument :
BNA_M
ClientSampleId :
F5A10DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	5.8	8.8#
279	23.6	18.6	27.8

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6/28/2017 7:42:34 AM



#91
Benzo(g,h,i)perylene
Concen: 5.639 ng/ul
RT: 25.97 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM010733.D
Acq: 24 Jun 2017 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	8.5	12.7#
277	22.4	18.6	28.0

