

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
 Data File : BM008677.D
 Acq On : 27 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA874

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Quant Time: Dec 30 10:38:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:24:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	488m	0.40	ng/ul	-0.20
2) Naphthalene-d8	10.40	136	4630m	0.40	ng/ul	-0.17
6) Acenaphthene-d10	14.18	164	11700m	0.40	ng/ul	-0.17
10) Phenanthrene-d10	17.02	188	45626m	0.40	ng/ul	-0.10
16) Chrysene-d12	21.12	240	4612m	0.40	ng/ul	-0.18
20) Perylene-d12	23.55	264	1932	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.99	152	1408m	0.20	ng/ul	-0.19
14) Fluoranthene-d10	19.11	212	32407m	0.26	ng/ul	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.45	128	193556m	14.86	ng/ul	
5) 2-Methylnaphthalene	12.09	142	842550m	96.10	ng/ul	
8) Acenaphthene	14.37	153	83208	2.09	ng/ul#	56
12) Phenanthrene	17.11	178	1185577	8.51	ng/ul	98
13) Anthracene	17.19	178	51262	0.38	ng/ul#	69
15) Fluoranthene	19.14	202	771307	4.52	ng/ul	98
17) Pyrene	19.52	202	718210	40.29	ng/ul	97
18) Benzo(a)anthracene	21.26	228	169220m	11.17	ng/ul	
19) Chrysene	21.31	228	178714	10.78	ng/ul#	89
21) Benzo(b)fluoranthene	22.86	252	155244m	20.40	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	37123m	5.00	ng/ul	
23) Benzo(a)pyrene	23.44	252	67203	9.53	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	37257	4.43	ng/ul	94
26) Benzo(g,h,i)perylene	26.52	276	30951	4.29	ng/ul#	88

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

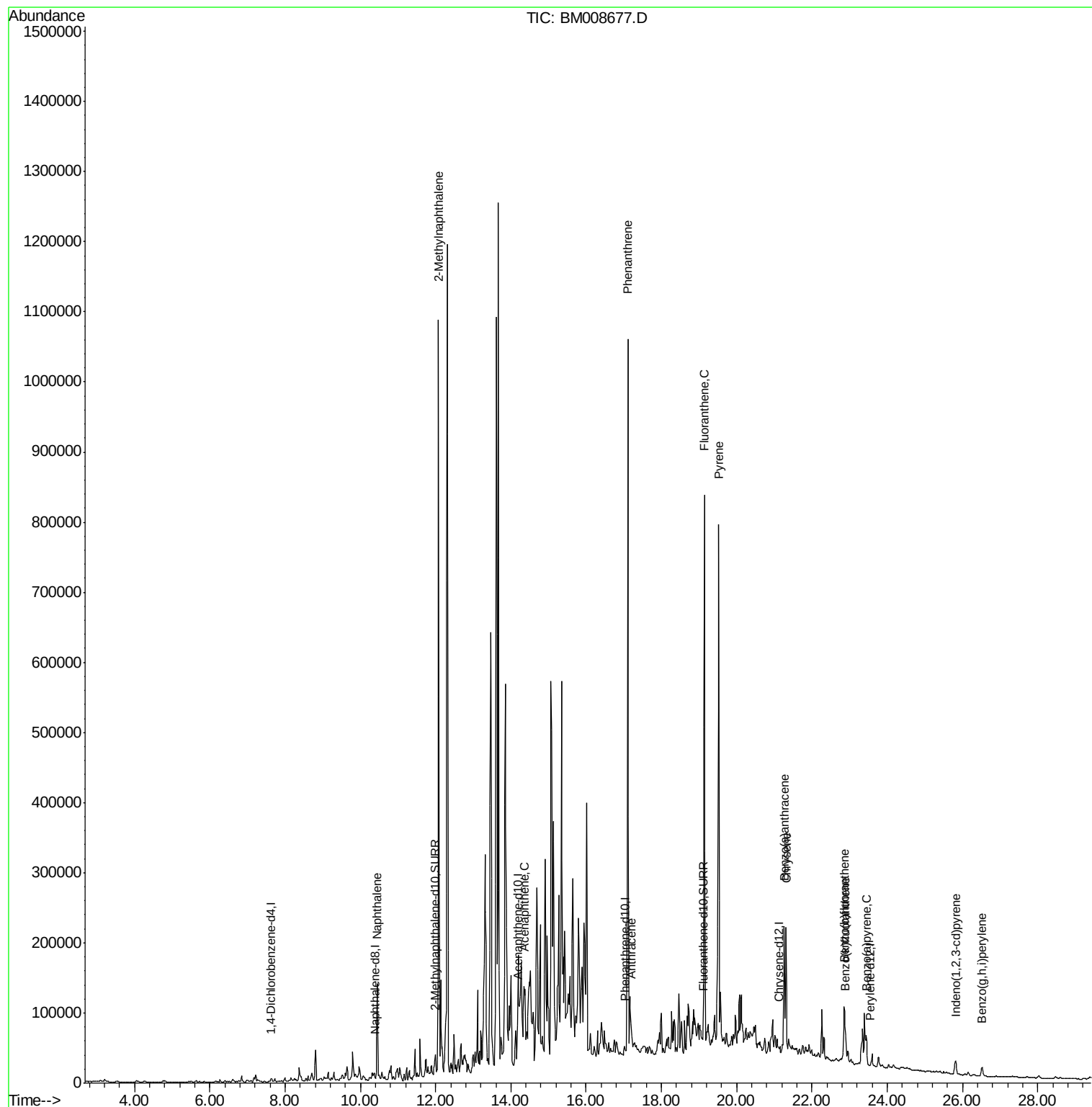
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122716\
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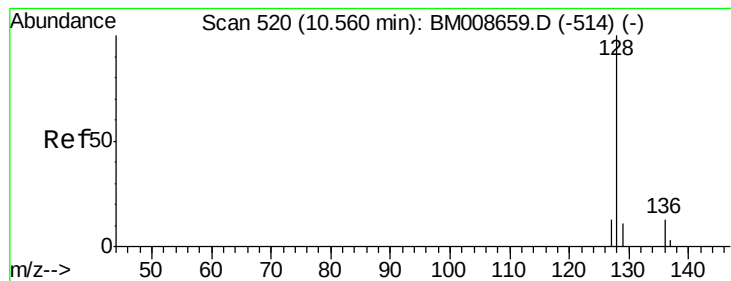
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Wed Dec 28 03:24:04 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 14.86 ng/ul m

RT: 10.45 min Scan# 511

Delta R.T. -0.17 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Instrument :

BNA_M

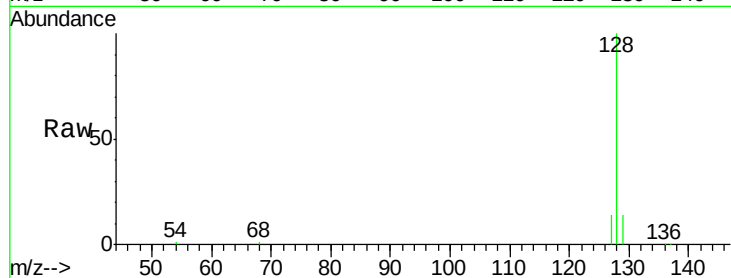
ClientSampleId :

DA874

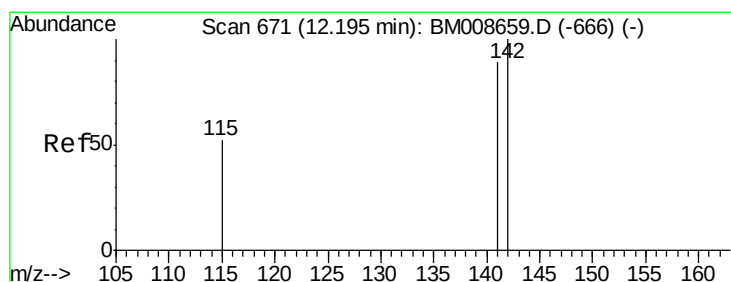
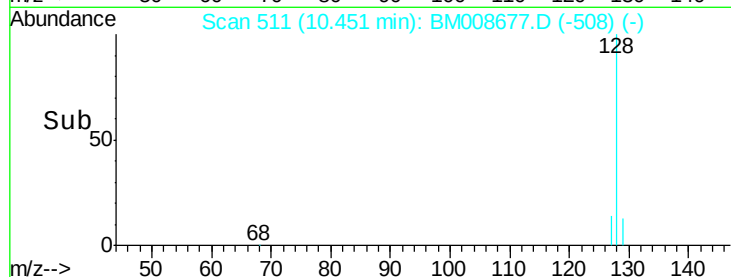
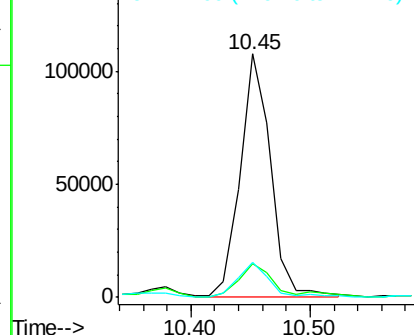
Tgt Ion:	128	Resp:	193556
Ion Ratio	Lower	Upper	
128	100		
129	13.6	11.3	16.9
127	14.4	12.8	19.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 96.10 ng/ul m

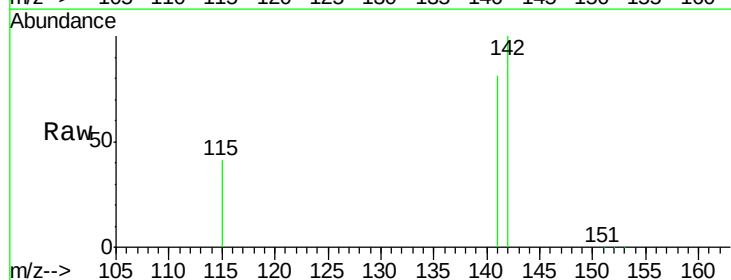
RT: 12.09 min Scan# 661

Delta R.T. -0.17 min

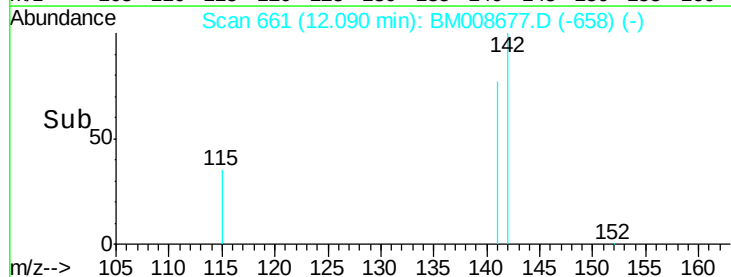
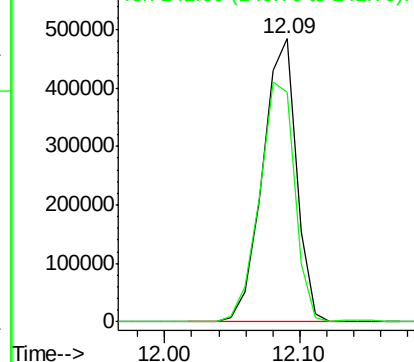
Lab File: BM008677.D

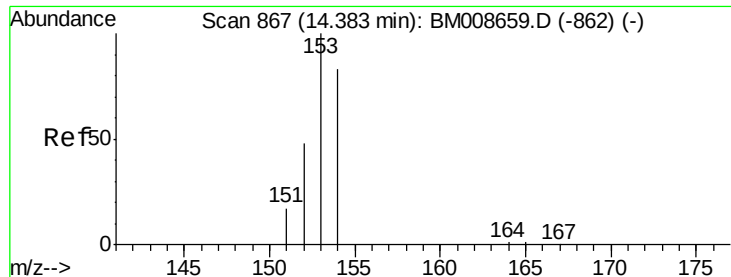
Acq: 27 Dec 2016 17:18

Tgt Ion:	142	Resp:	842550
Ion Ratio	Lower	Upper	
142	100		
141	92.5	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 2.09 ng/ul

RT: 14.37 min Scan# 866

Delta R.T. -0.03 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Instrument :

BNA_M

ClientSampleId :

DA874

Tgt Ion:153 Resp: 83208

Ion Ratio Lower Upper

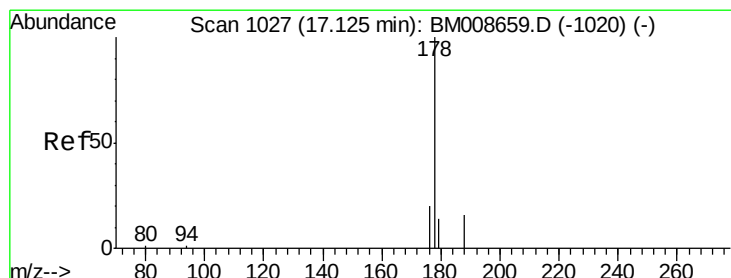
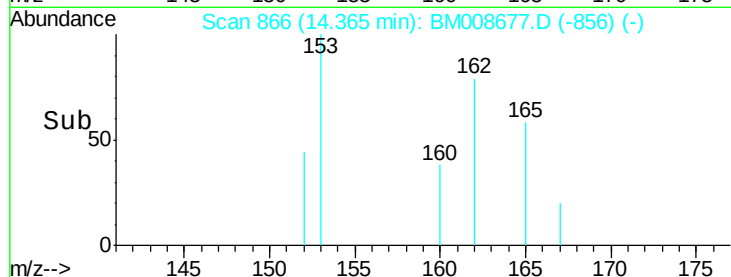
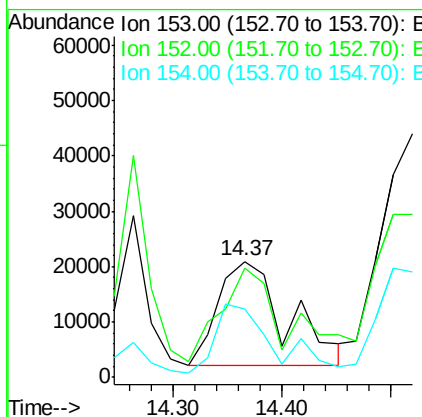
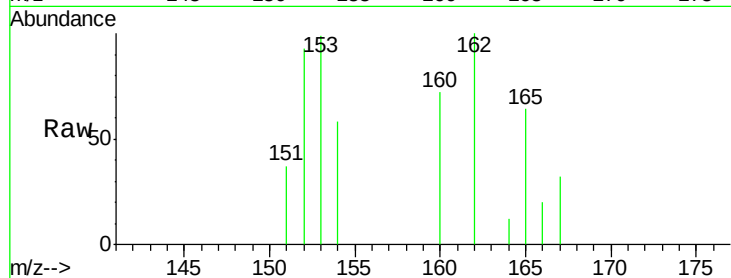
153 100

152 94.6 40.3 60.5#

154 59.3 71.4 107.2#

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#12

Phenanthrene

Concen: 8.51 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

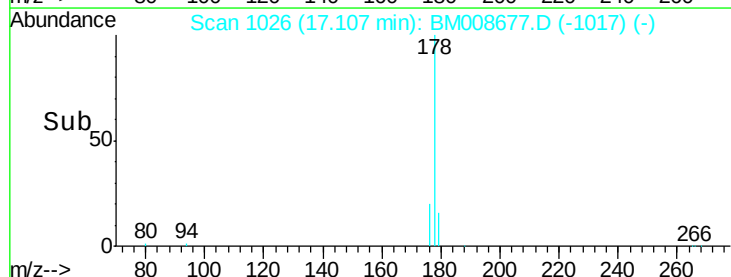
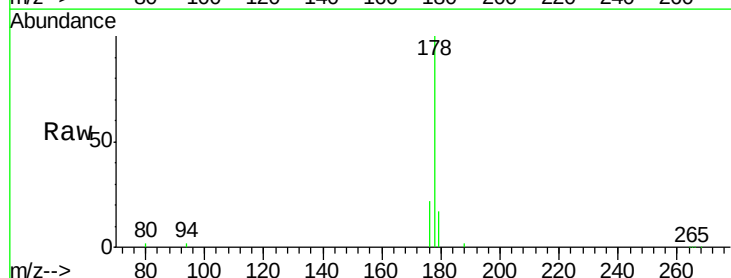
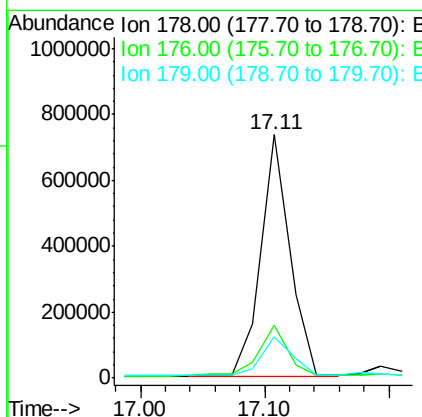
Tgt Ion:178 Resp: 1185577

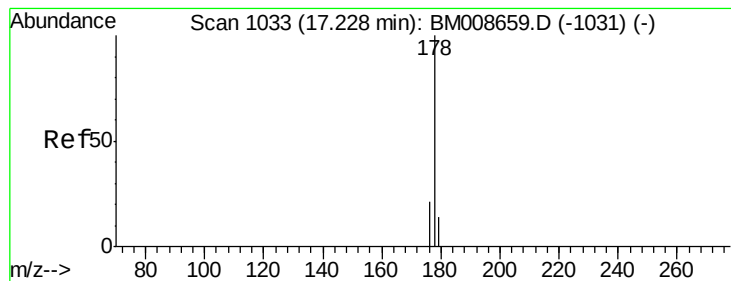
Ion Ratio Lower Upper

178 100

176 21.5 18.4 27.6

179 16.8 13.6 20.4





#13

Anthracene

Concen: 0.38 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.09 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Instrument :

BNA_M

ClientSampleId :

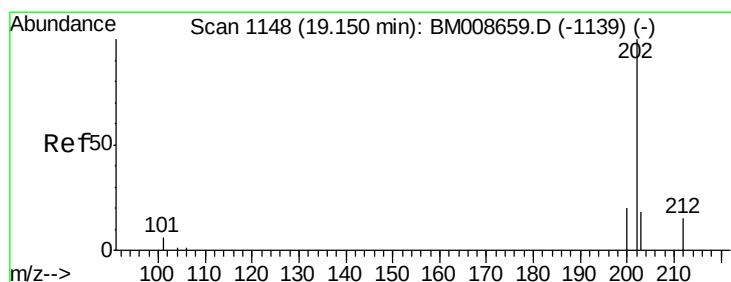
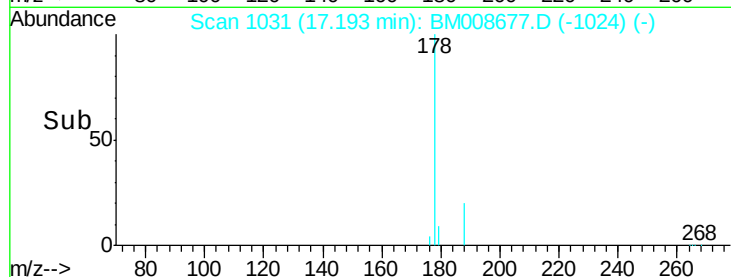
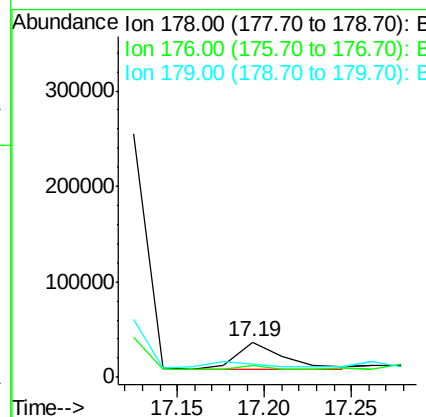
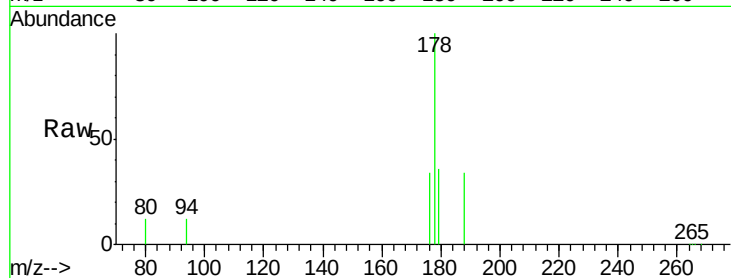
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Tgt Ion:178 Resp: 51262

Ion	Ratio	Lower	Upper
178	100		
176	33.9	18.1	27.1#
179	36.1	14.7	22.1#

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#15

Fluoranthene

Concen: 4.52 ng/ul

RT: 19.14 min Scan# 1148

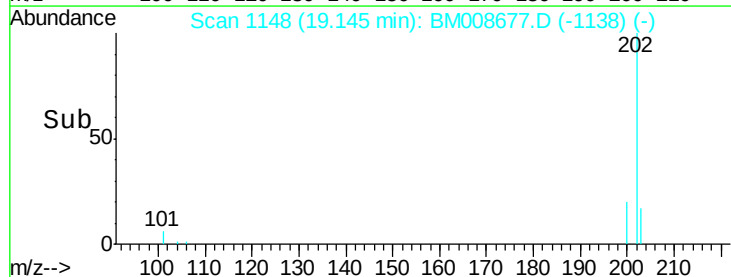
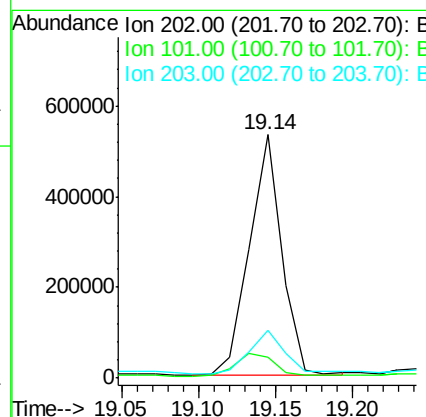
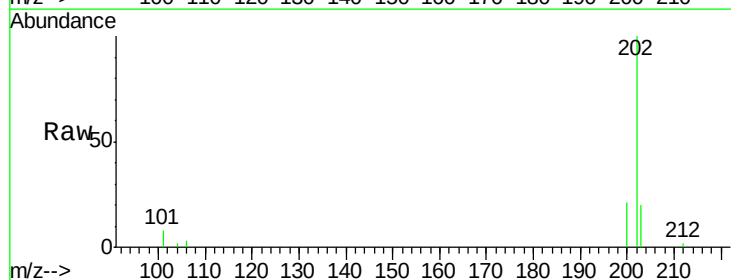
Delta R.T. -0.03 min

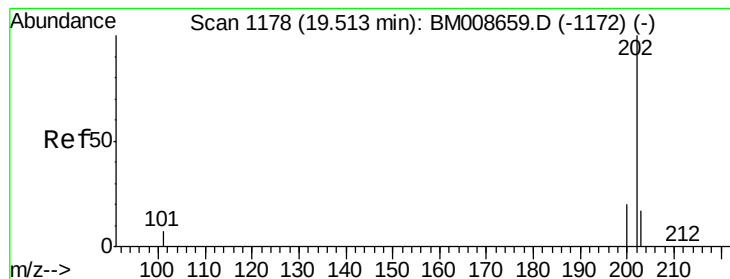
Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Tgt Ion:202 Resp: 771307

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.3
203	19.5	0.0	39.5





#17

Pyrene

Concen: 40.29 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Instrument :

BNA_M

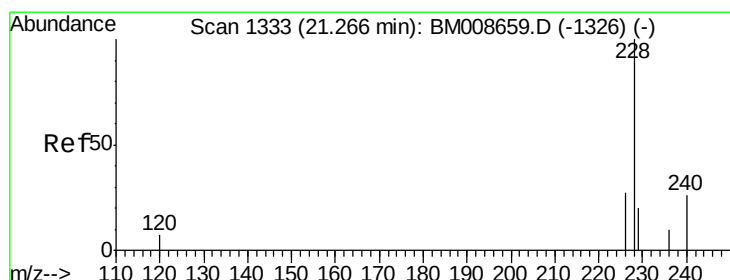
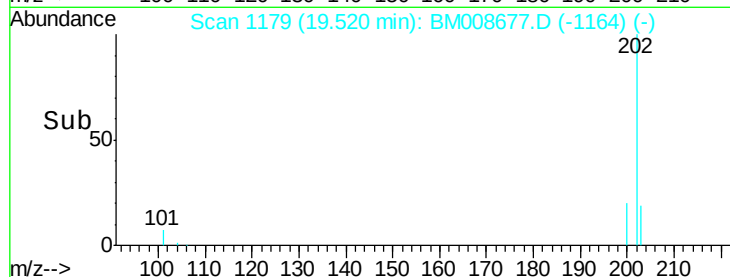
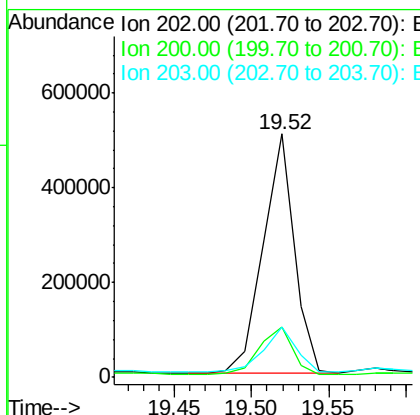
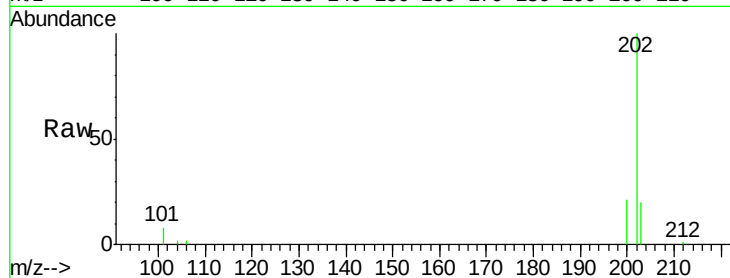
ClientSampleId :

DA874

Tgt Ion:	202	Resp:	718210
Ion Ratio	Lower	Upper	
202	100		
200	20.8	18.2	27.4
203	20.5	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 11.17 ng/ul m

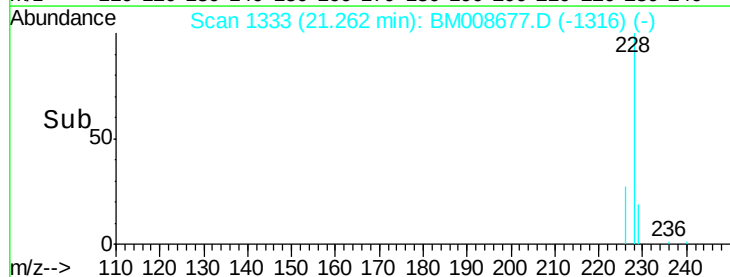
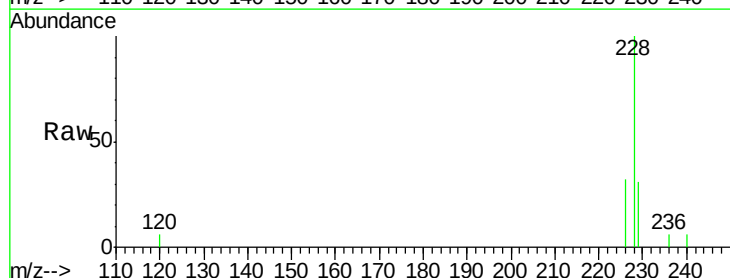
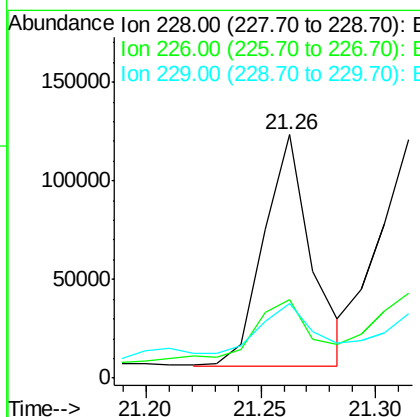
RT: 21.26 min Scan# 1333

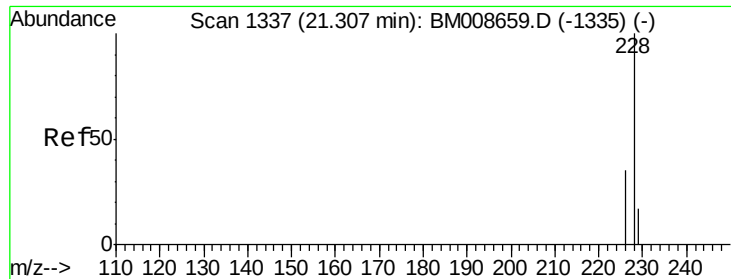
Delta R.T. -0.02 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Tgt Ion:	228	Resp:	169220
Ion Ratio	Lower	Upper	
228	100		
226	32.3	22.8	34.2
229	30.9	17.0	25.6#





#19

Chrysene

Concen: 10.78 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Instrument :

BNA_M

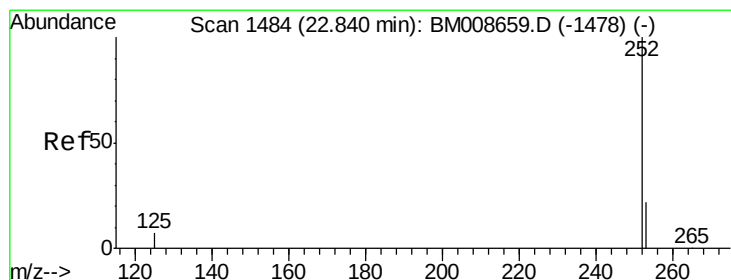
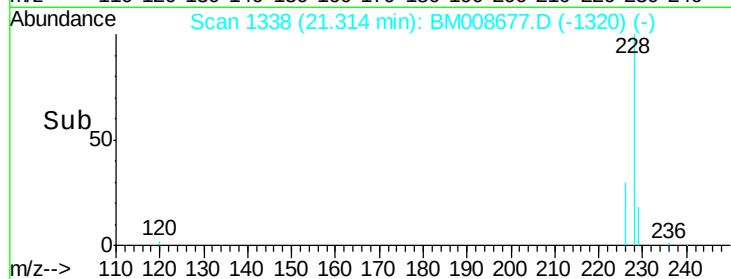
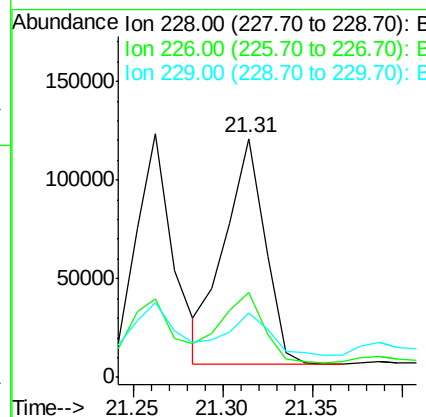
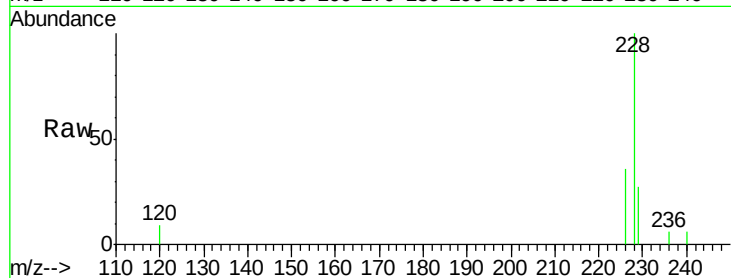
ClientSampleId :

DA874

Tgt Ion:	228	Resp:	178714
Ion Ratio		Lower	Upper
228	100		
226	35.7	23.4	35.0#
229	27.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 20.40 ng/ul m

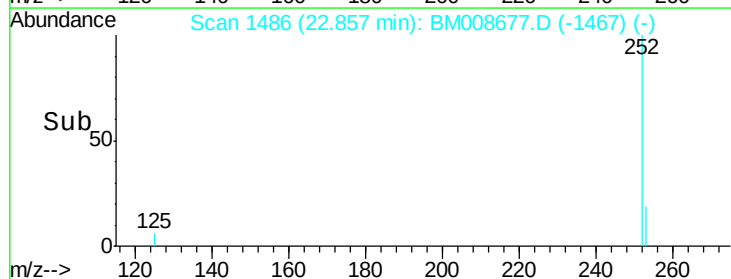
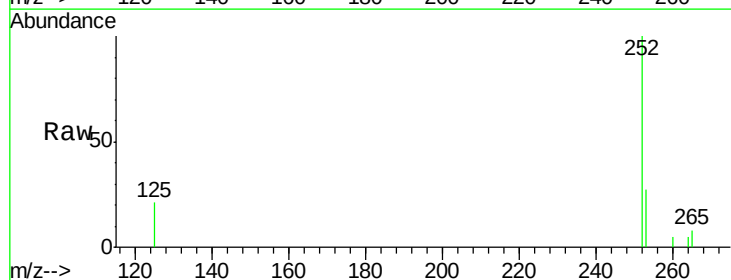
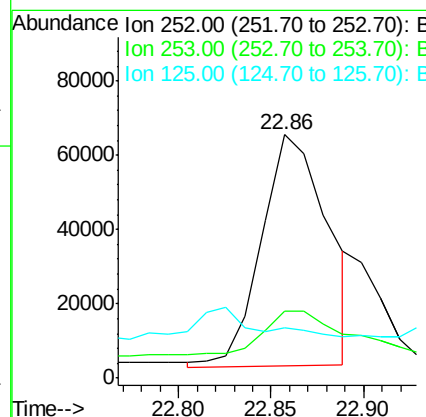
RT: 22.86 min Scan# 1486

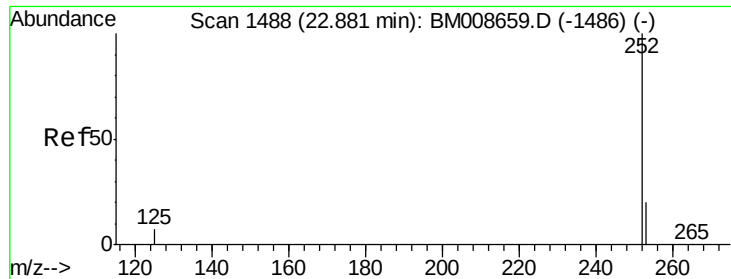
Delta R.T. -0.00 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Tgt Ion:	252	Resp:	155244
Ion Ratio		Lower	Upper
252	100		
253	27.4	0.0	64.2
125	20.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 5.00 ng/ul m

RT: 22.89 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Instrument :

BNA_M

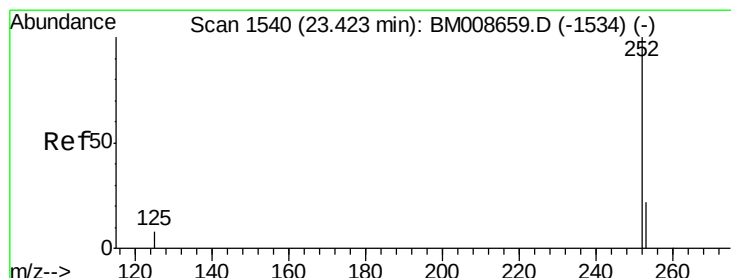
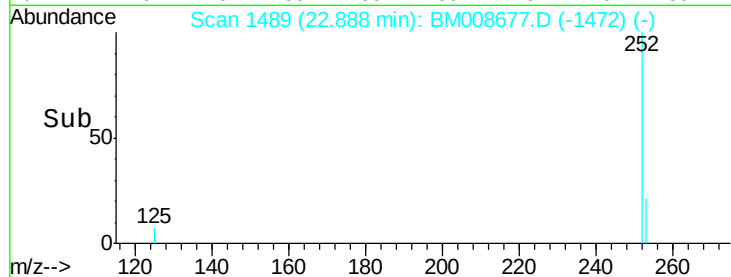
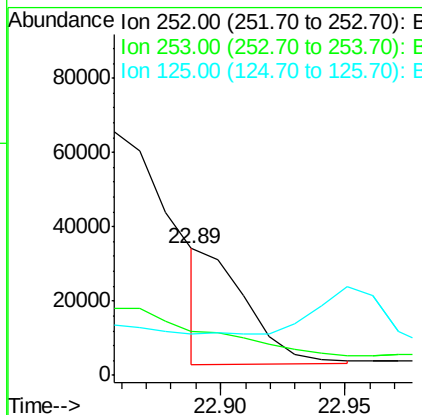
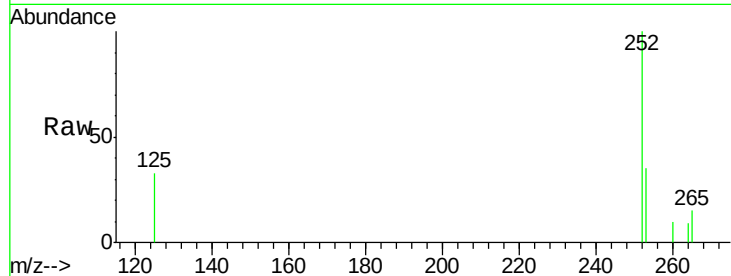
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Tgt Ion:	252	Resp:	37123
Ion Ratio	Lower	Upper	
252	100		
253	35.1	24.5	36.7
125	33.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 9.53 ng/ul

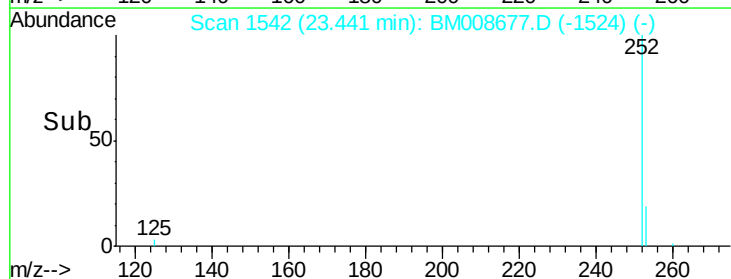
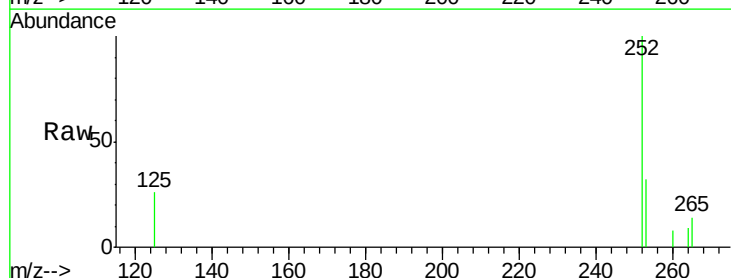
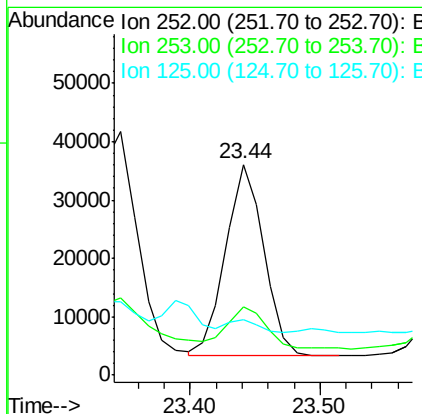
RT: 23.44 min Scan# 1542

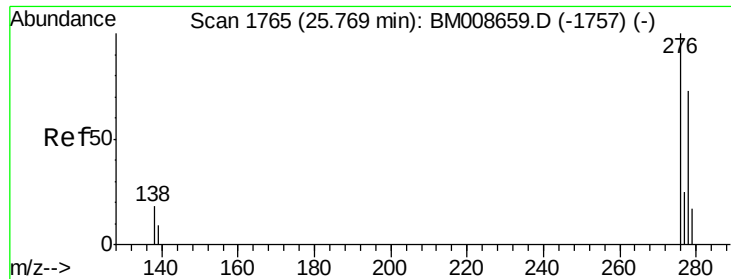
Delta R.T. -0.01 min

Lab File: BM008677.D

Acq: 27 Dec 2016 17:18

Tgt Ion:	252	Resp:	67203
Ion Ratio	Lower	Upper	
252	100		
253	32.2	28.5	42.7
125	26.3	18.1	27.1





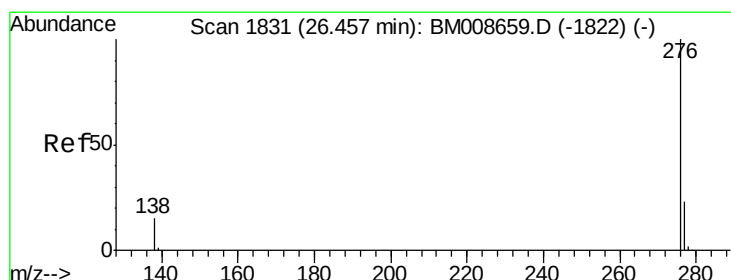
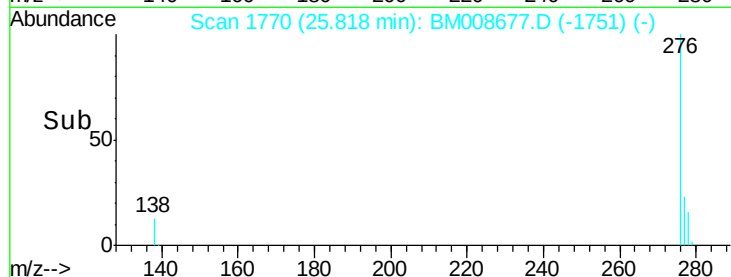
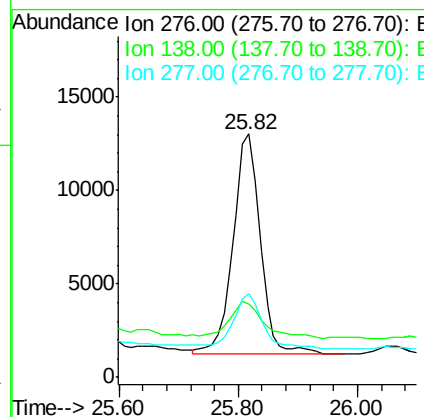
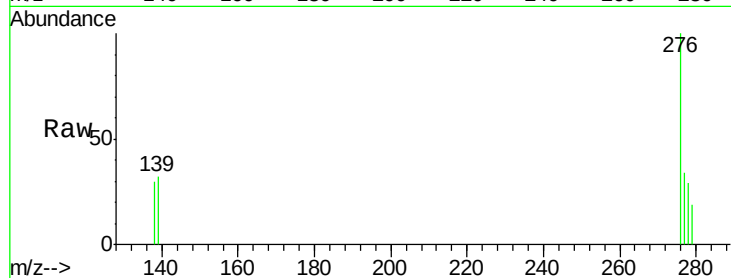
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.43 ng/ul
 RT: 25.82 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BM008677.D
 Acq: 27 Dec 2016 17:18

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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	37257		
138	20.8		19.1	28.7
277	27.7		19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 4.29 ng/ul
 RT: 26.52 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BM008677.D
 Acq: 27 Dec 2016 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	30951		
277	33.9		21.8	32.8#
138	31.7		20.5	30.7#

