

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006342.D
 Acq On : 08 Jul 2016 05:32
 Operator : UM/SJ
 Sample : H3811-10DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV8DL

Manual Integrations

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Quant Time: Jul 08 08:51:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 08:04:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4718	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18417	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	10502	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	23106	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15673	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	13941	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	1310	0.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	984	0.05	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	3208	0.07	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	1432	0.04	ng/ul#	92
11) Fluorene	15.34	166	816	0.02	ng/ul#	81
14) Phenanthrene	17.07	178	15041	0.24	ng/ul#	93
15) Anthracene	17.16	178	3622m	0.06	ng/ul	
17) Fluoranthene	19.10	202	29849	0.42	ng/ul	97
19) Pyrene	19.46	202	27377	0.42	ng/ul	98
20) Benzo(a)anthracene	21.22	228	13056	0.26	ng/ul#	90
21) Chrysene	21.28	228	12752	0.26	ng/ul	94
23) Benzo(b)fluoranthene	22.79	252	15800m	0.32	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	6070m	0.13	ng/ul	
25) Benzo(a)pyrene	23.35	252	11497	0.25	ng/ul#	92
26) Indeno(1,2,3-cd)pyrene	25.66	276	7994m	0.16	ng/ul	
27) Dibenzo(a,h)anthracene	25.66	278	1942	0.05	ng/ul#	50
28) Benzo(g,h,i)perylene	26.34	276	7943	0.18	ng/ul	96

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

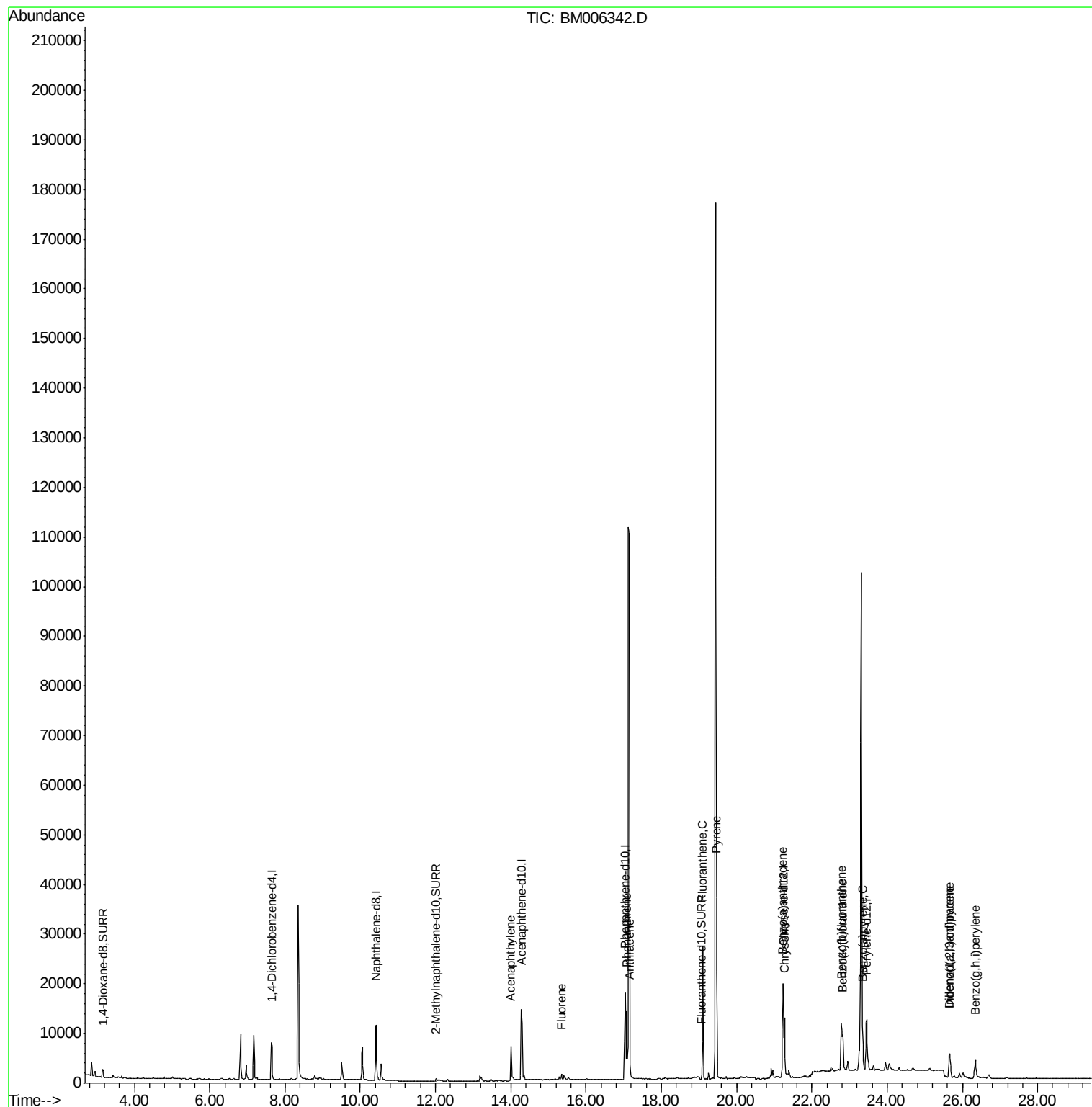
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

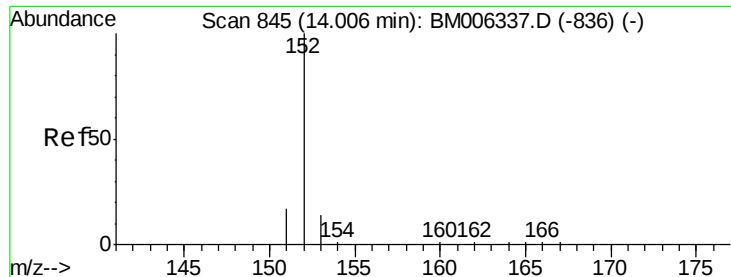
Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Manual Integrations

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Quant Time: Jul 08 08:51:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 08:04:54 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006342.D

Acq: 08 Jul 2016 05:32

Instrument :

BNA_M

ClientSampleId :

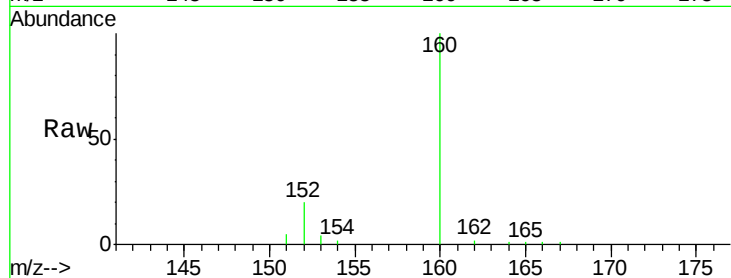
A4TV8DL

Tot Ion:	152	Resp:	1432
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.6	26.4
153	19.2	9.7	14.5

Manual Integrations

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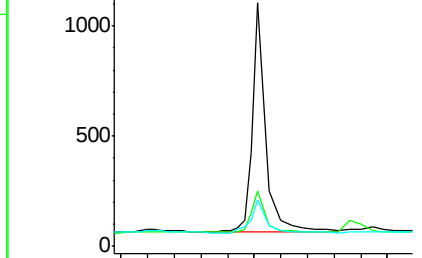
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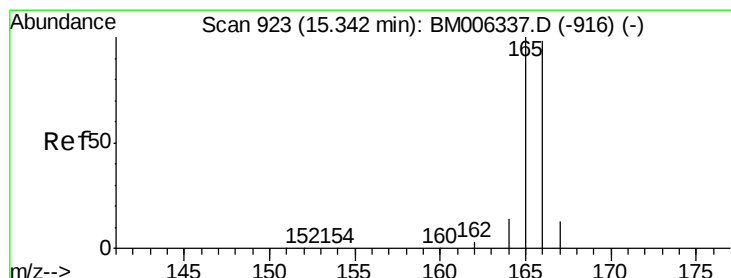
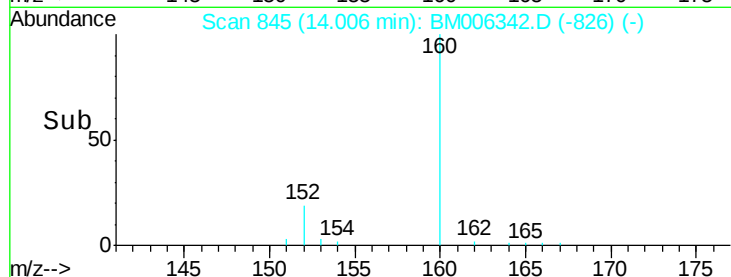
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.80 14.00



#11

Fluorene

Concen: 0.02 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM006342.D

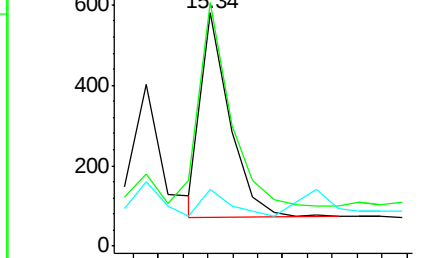
Acq: 08 Jul 2016 05:32

Tgt Ion:	166	Resp:	816
Ion Ratio	Lower	Upper	
166	100		
165	104.5	69.6	104.4
167	24.1	11.9	17.9

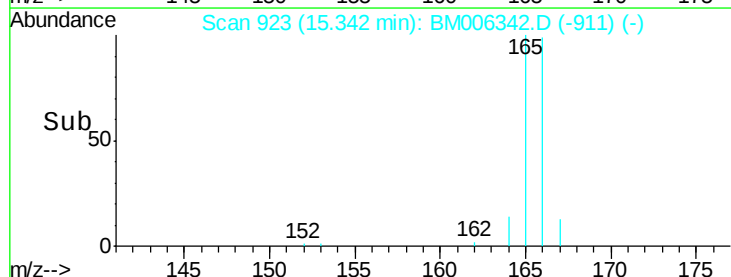
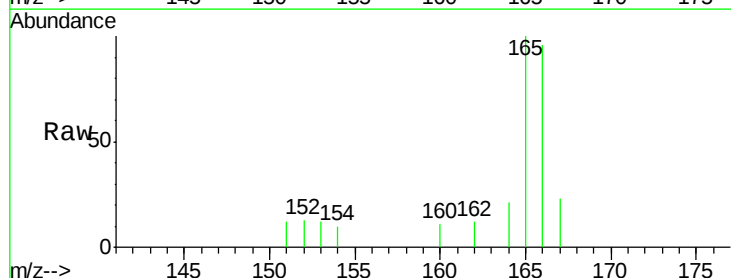
Abundance Ion 166.00 (165.70 to 166.70): E

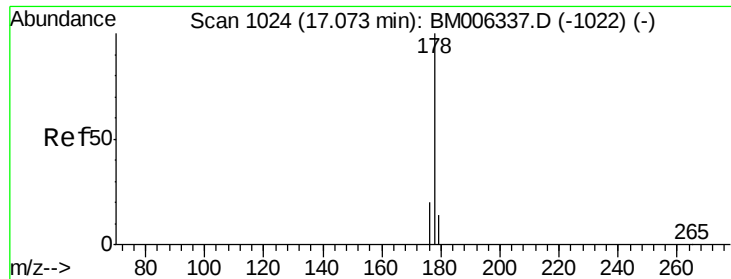
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.30 15.40





#14

Phenanthrene

Concen: 0.24 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BM006342.D

Acq: 08 Jul 2016 05:32

Instrument :

BNA_M

ClientSampleId :

A4TV8DL

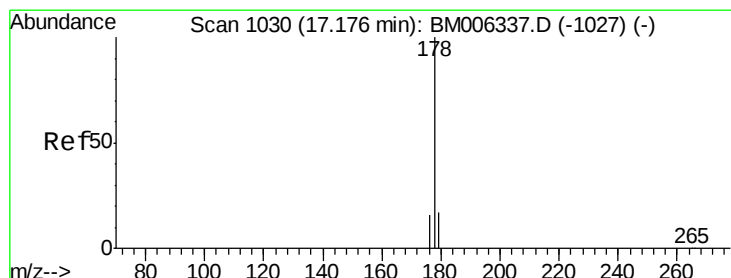
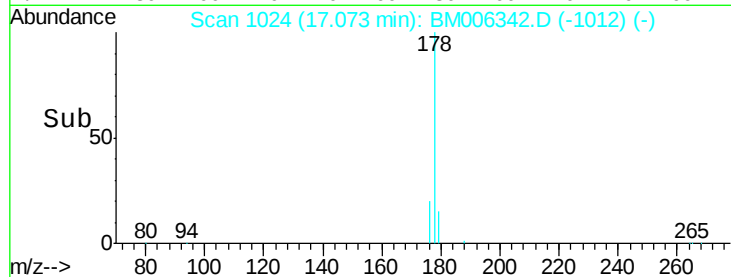
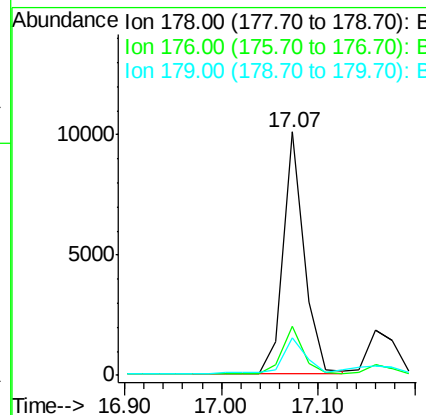
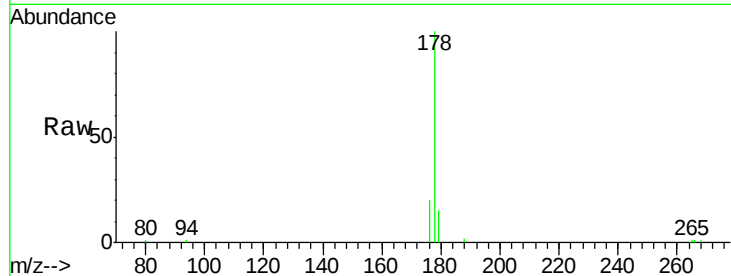
Tot Ion:178 Resp: 15041

Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.0	19.4#
179	15.5	14.2	21.2

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#15

Anthracene

Concen: 0.06 ng/ul m

RT: 17.16 min Scan# 1029

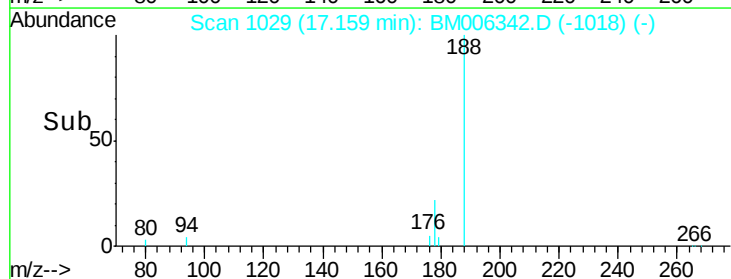
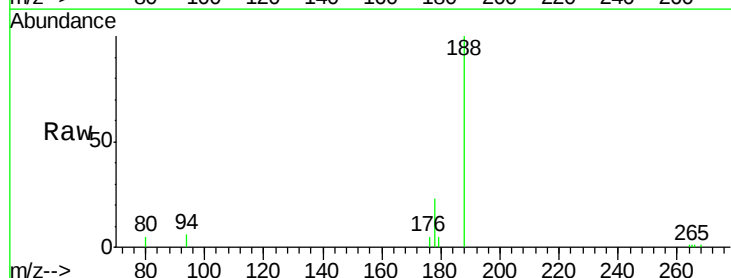
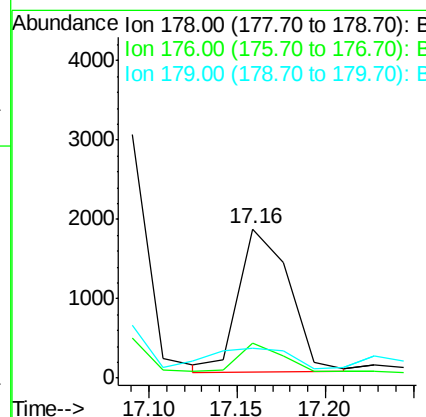
Delta R.T. -0.02 min

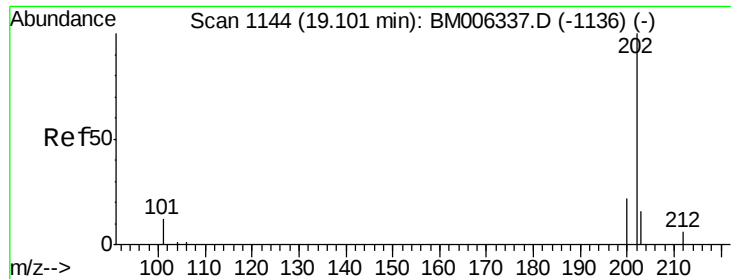
Lab File: BM006342.D

Acq: 08 Jul 2016 05:32

Tgt Ion:178 Resp: 3622

Ion	Ratio	Lower	Upper
178	100		
176	23.6	14.0	21.0#
179	20.4	12.9	19.3#





#17

Fluoranthene

Concen: 0.42 ng/ul

RT: 19.10 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BM006342.D

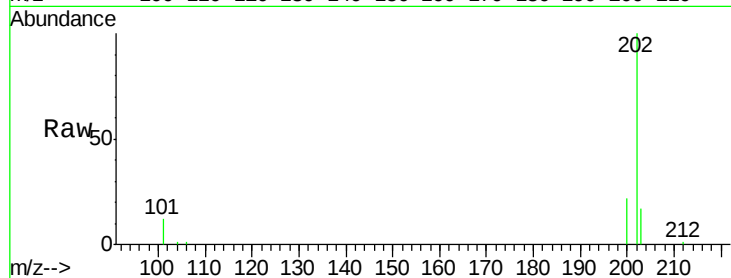
Acq: 08 Jul 2016 05:32

Instrument :

BNA_M

ClientSampleId :

A4TV8DL

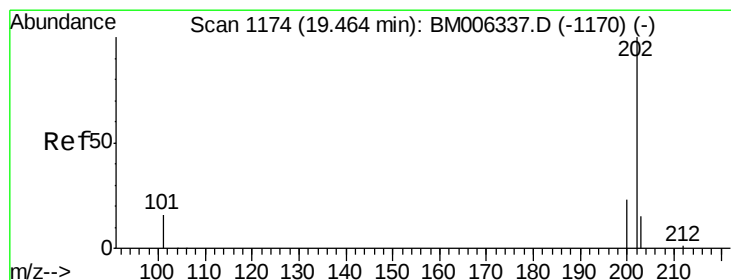
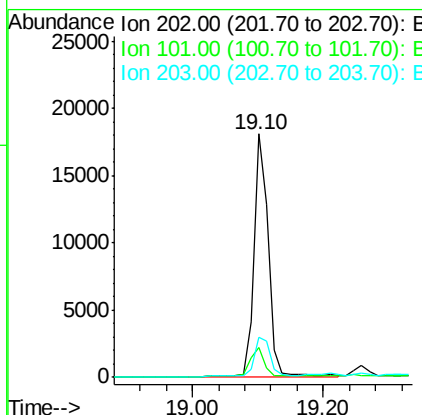
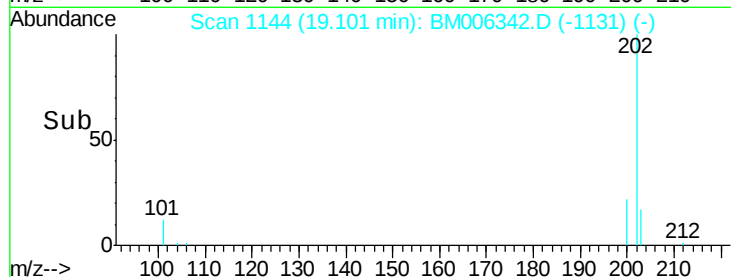


Tot Ion:	202	Resp:	29849
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	29.6
203	16.6	0.0	36.3

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#19

Pyrene

Concen: 0.42 ng/ul

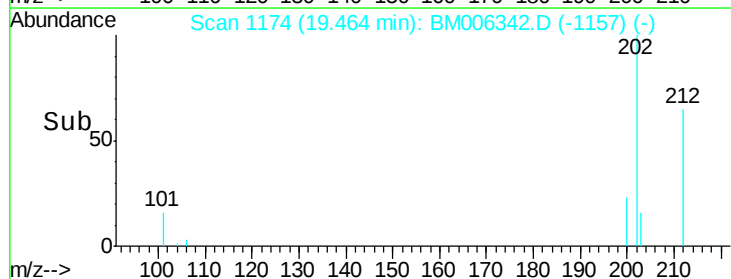
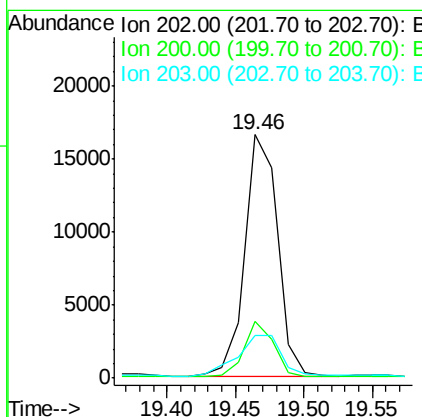
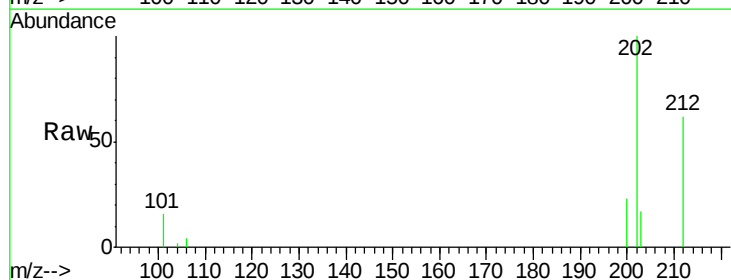
RT: 19.46 min Scan# 1174

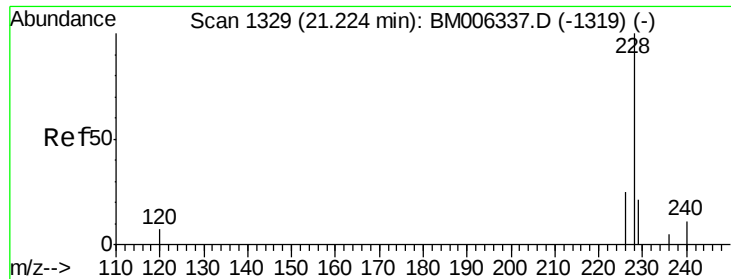
Delta R.T. 0.00 min

Lab File: BM006342.D

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Tgt Ion:	202	Resp:	27377
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.8	26.8
203	17.3	12.8	19.2





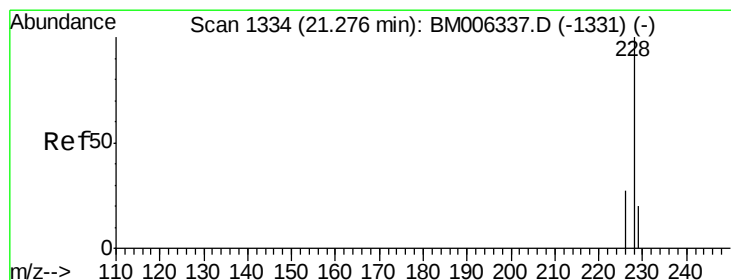
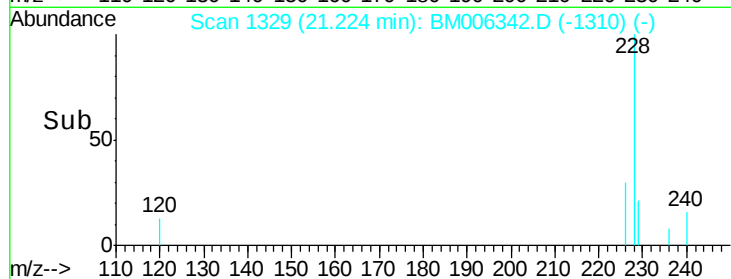
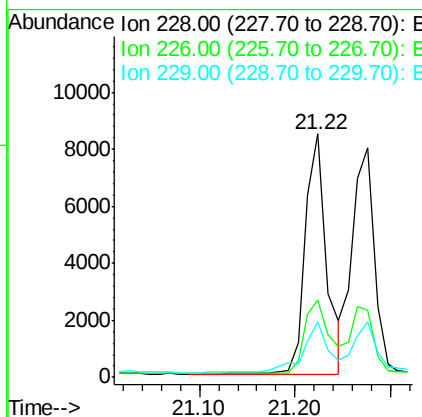
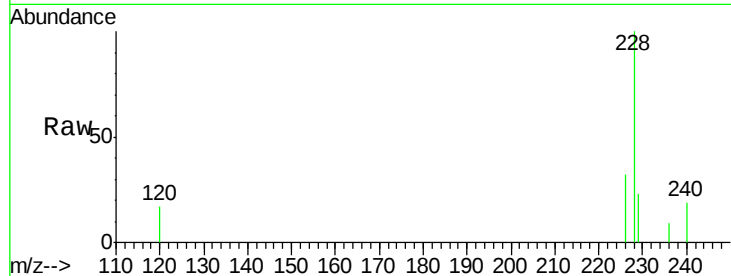
#20
Benzo(a)anthracene
Concen: 0.26 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006342.D
Acq: 08 Jul 2016 05:32

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	18.8	28.2
229	23.0	17.1	25.7

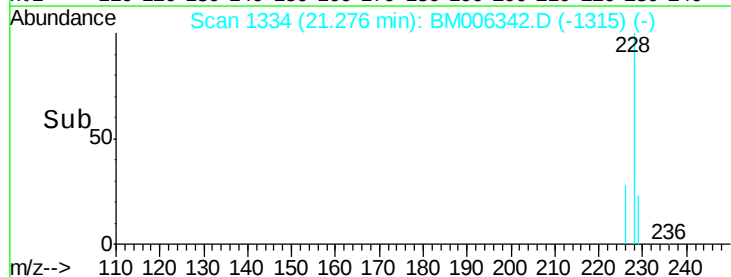
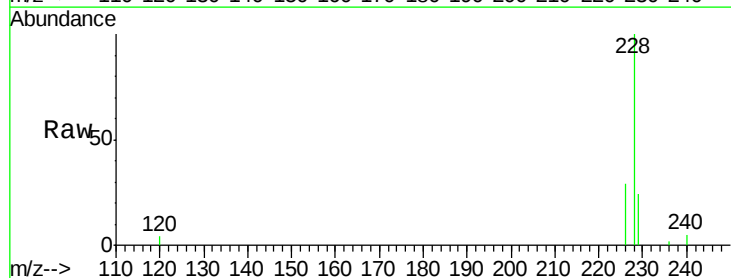
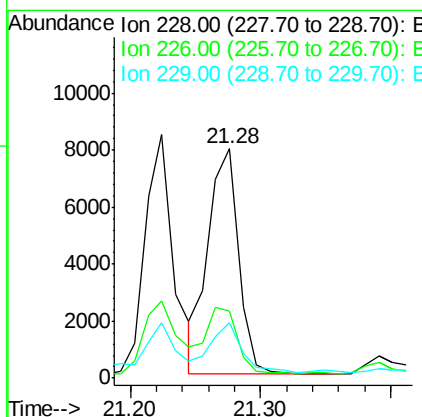
Manual Integrations

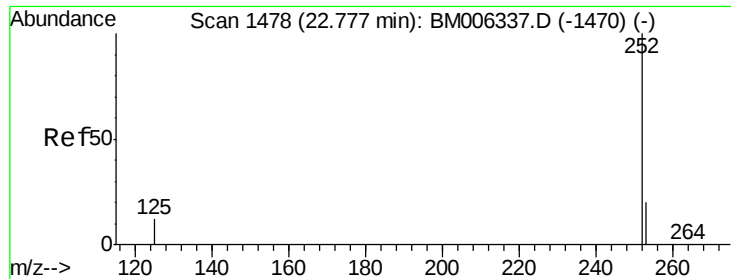
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#21
Chrysene
Concen: 0.26 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006342.D
Acq: 08 Jul 2016 05:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.2	31.8
229	24.4	17.0	25.6





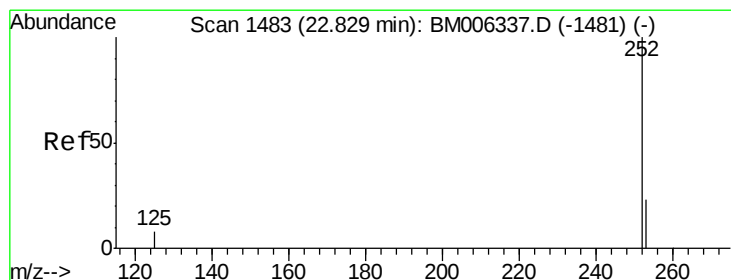
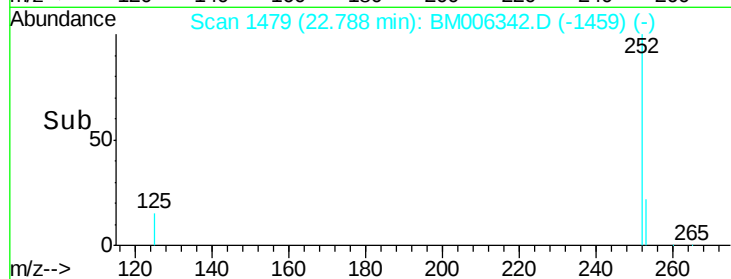
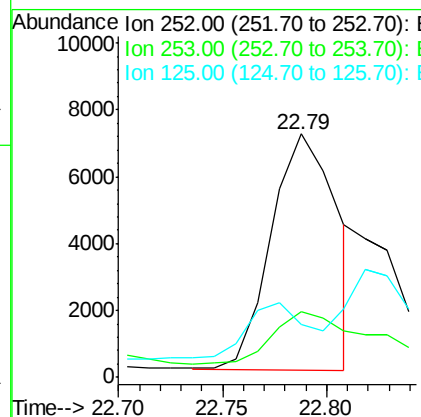
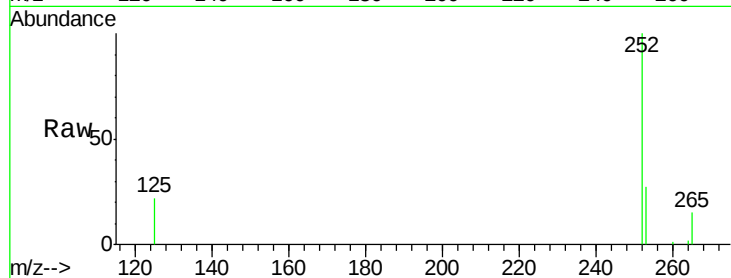
#23
Benzo(b)fluoranthene
Concen: 0.32 ng/ul m
RT: 22.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BM006342.D
Acq: 08 Jul 2016 05:32

Instrument :
BNA_M
ClientSampleId :
A4TV8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	45.4
125	21.7	0.0	28.8

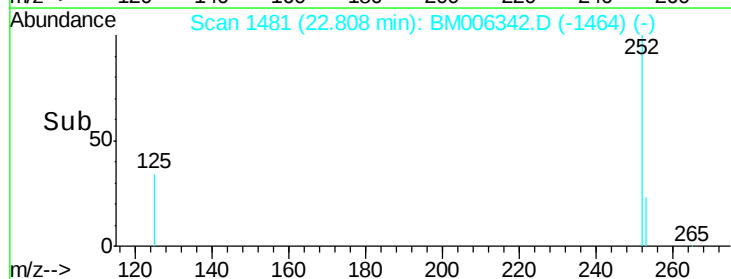
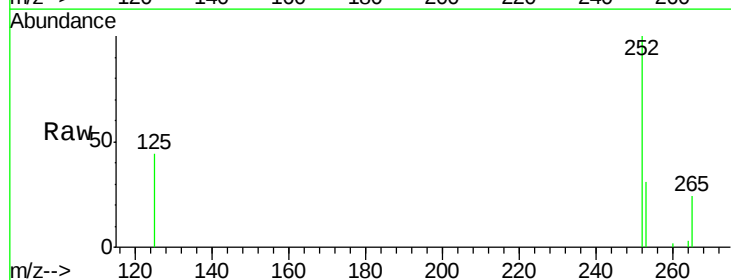
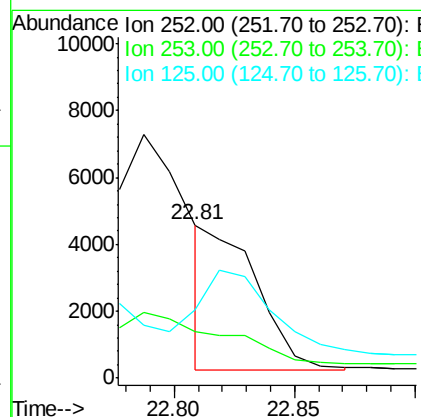
Manual Integrations

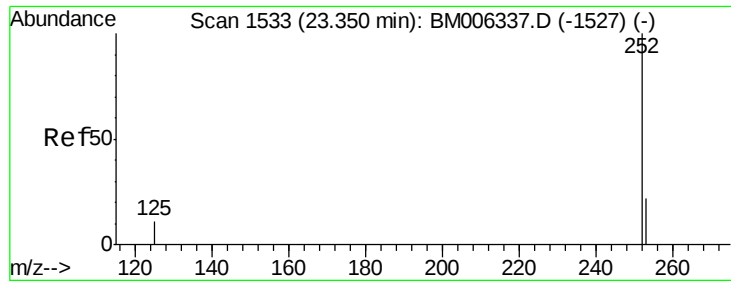
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#24
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM006342.D
Acq: 08 Jul 2016 05:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	19.8	29.8#
125	44.2	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.25 ng/ul

RT: 23.35 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM006342.D

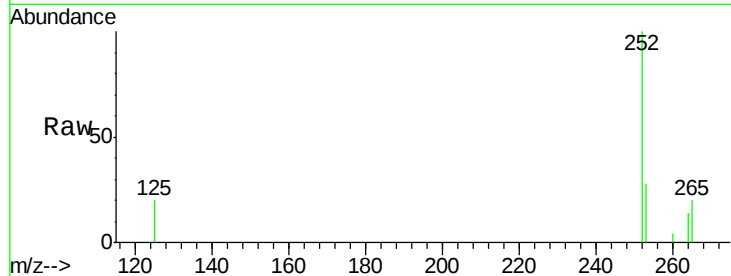
Acq: 08 Jul 2016 05:32

Instrument :

BNA_M

ClientSampleId :

A4TV8DL

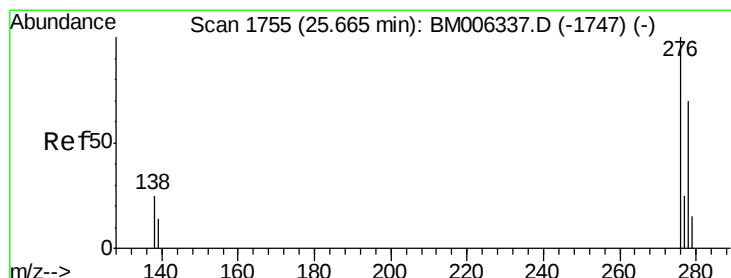
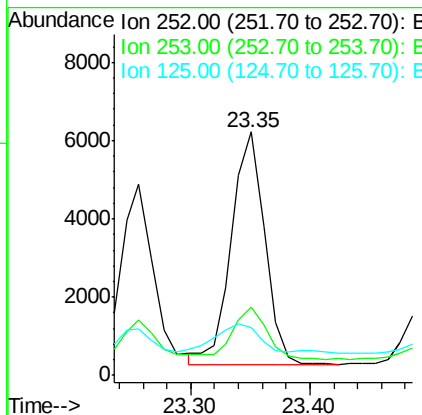
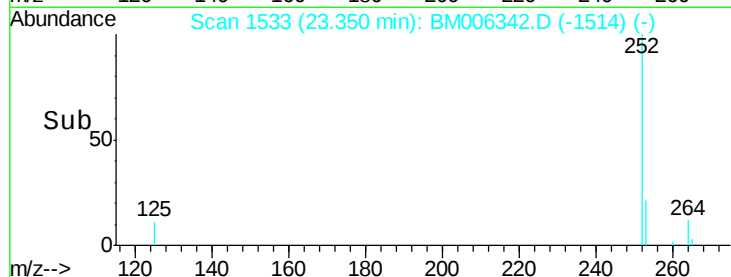


Tot Ion:	252	Resp:	11497
Ion Ratio	Lower	Upper	
252	100		
253	28.0	19.4	29.2
125	19.5	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng/ul m

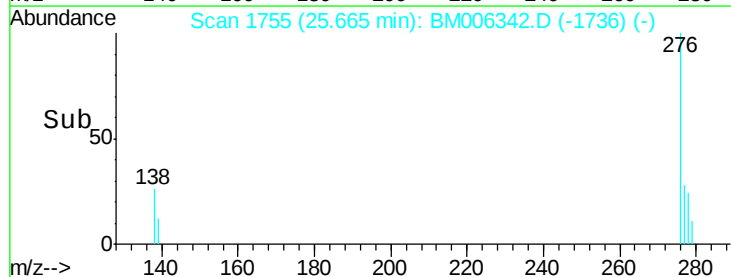
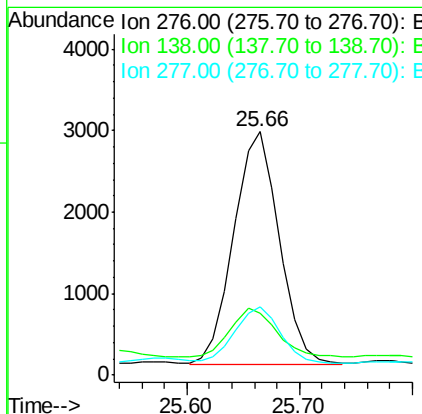
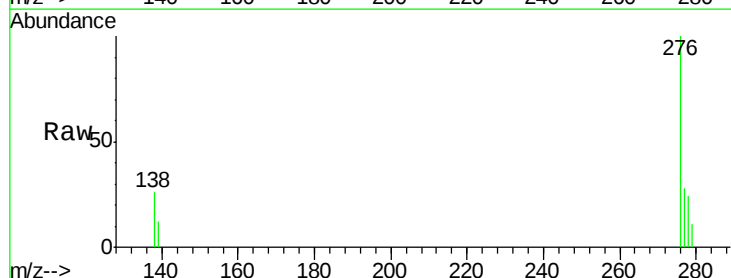
RT: 25.66 min Scan# 1755

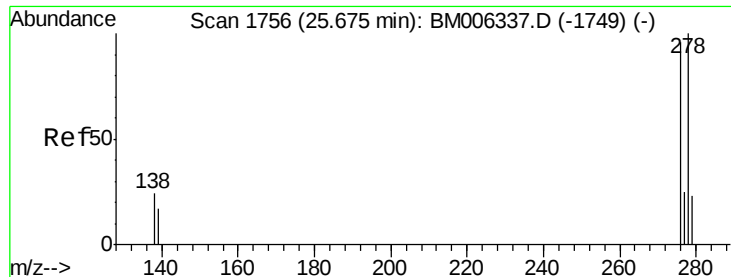
Delta R.T. 0.00 min

Lab File: BM006342.D

Acq: 08 Jul 2016 05:32

Tgt Ion:	276	Resp:	7994
Ion Ratio	Lower	Upper	
276	100		
138	35.2	16.3	24.5#
277	32.2	19.8	29.8#





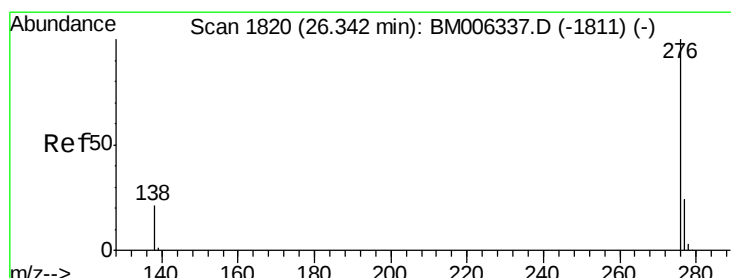
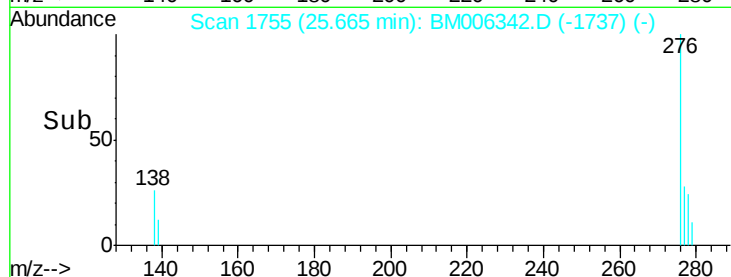
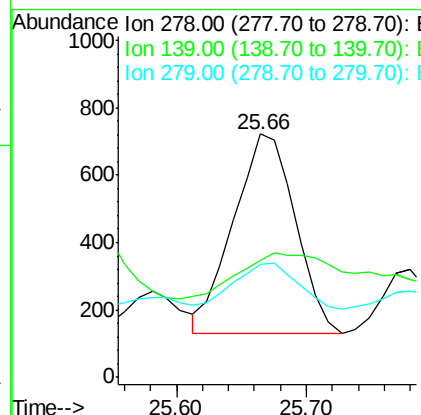
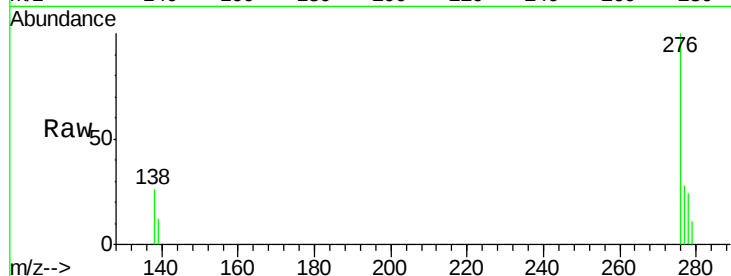
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006342.D
Acq: 08 Jul 2016 05:32

Instrument :
BNA_M
ClientSampled :
A4TV8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	48.0	16.4	24.6#
279	46.6	20.2	30.2#

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#28
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006342.D
Acq: 08 Jul 2016 05:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.9	28.3
138	28.0	22.5	33.7

