

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004809.D
 Acq On : 28 Mar 2016 18:04
 Operator : UM/SJ
 Sample : H1909-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T40DL

Manual Integrations
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Sohil
 4/6/2016 5:05:05 PM

Quant Time: Apr 05 20:07:27 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	894	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	3998	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2282	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5151	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	5696	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	5661	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	729	1.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	304	0.05	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	786	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	1951	0.20	ng/ul#	89
7) 2-Methylnaphthalene	12.28	142	380	0.05	ng/ul	99
9) Acenaphthylene	14.18	152	3158	0.30	ng/ul#	95
10) Acenaphthene	14.52	153	667	0.09	ng/ul#	86
11) Fluorene	15.51	166	1121	0.13	ng/ul#	86
14) Phenanthrene	17.24	178	21473	1.48	ng/ul	95
15) Anthracene	17.33	178	3283m	0.24	ng/ul	
17) Fluoranthene	19.27	202	47586	2.89	ng/ul	93
19) Pyrene	19.63	202	42444	2.18	ng/ul	93
20) Benzo(a)anthracene	21.38	228	23114	1.32	ng/ul	95
21) Chrysene	21.43	228	23690	1.40	ng/ul	96
23) Benzo(b)fluoranthene	23.00	252	37464m	1.96	ng/ul	
24) Benzo(k)fluoranthene	23.04	252	11462m	0.65	ng/ul	
25) Benzo(a)pyrene	23.59	252	22067	1.27	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	26.01	276	13397	0.83	ng/ul#	88
27) Dibenzo(a,h)anthracene	26.02	278	3277	0.26	ng/ul#	80
28) Benzo(g,h,i)perylene	26.73	276	11751	0.88	ng/ul	94

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

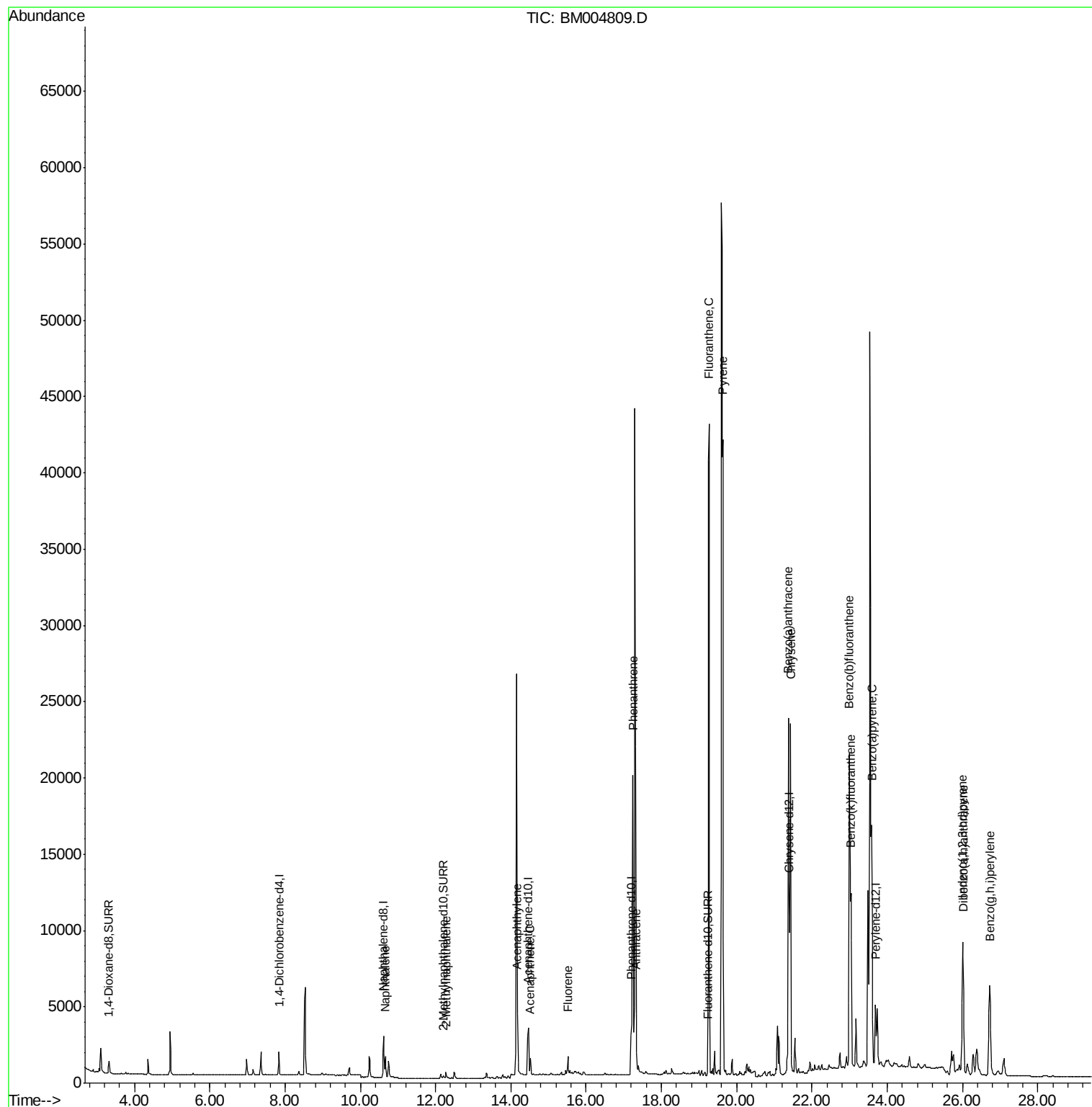
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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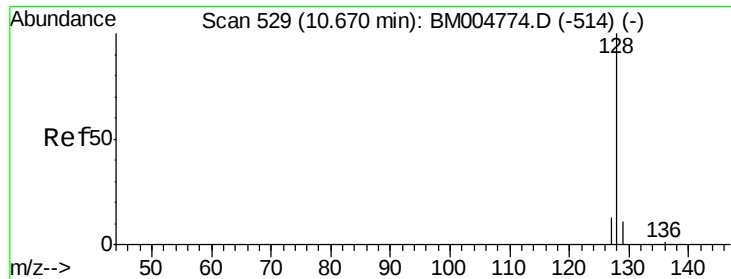
Instrument :
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ClientSampleId :
A4T40DL

Manual Integrations
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Quant Time: Apr 05 20:07:27 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.20 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

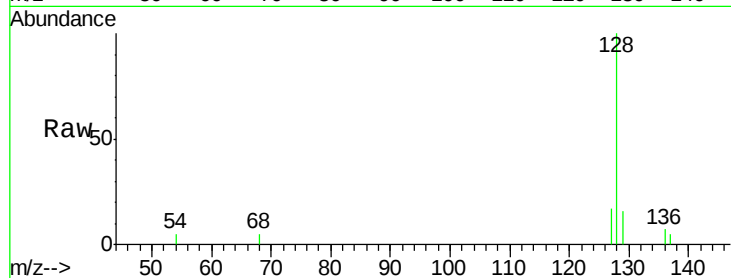
ClientSampleId :

A4T40DL

Tot Ion:	128	Resp:	1951
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.0	13.6#
127	16.5	9.6	14.4#

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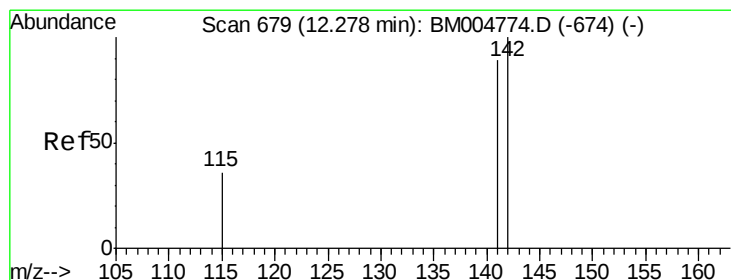
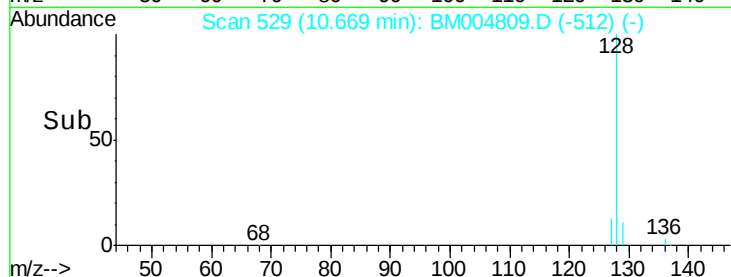
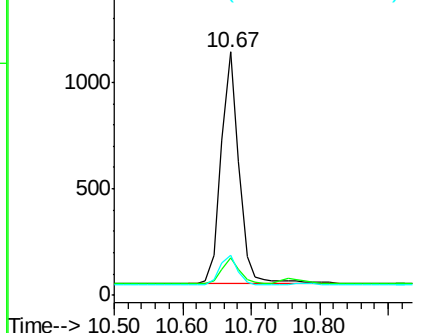
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

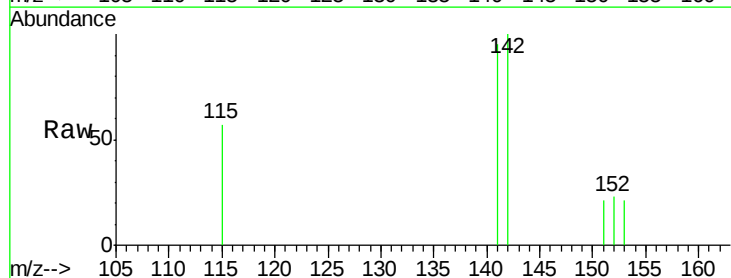
RT: 12.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM004809.D

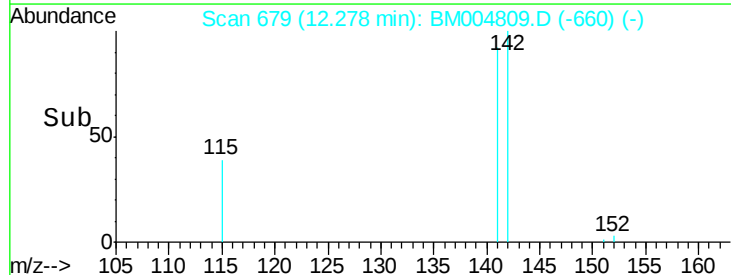
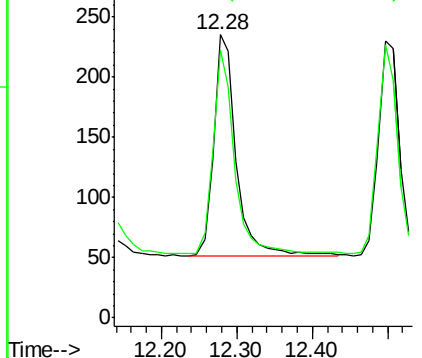
Acq: 28 Mar 2016 18:04

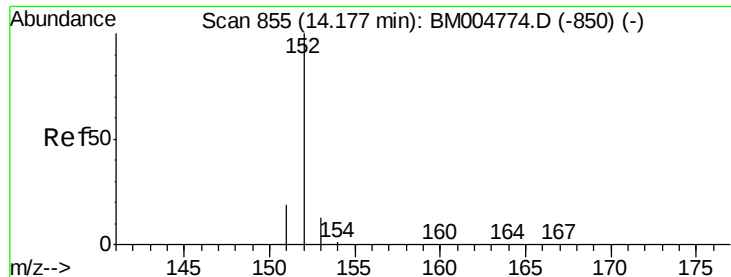
Tgt Ion:	142	Resp:	380
Ion Ratio	Lower	Upper	
142	100		
141	87.1	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.30 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

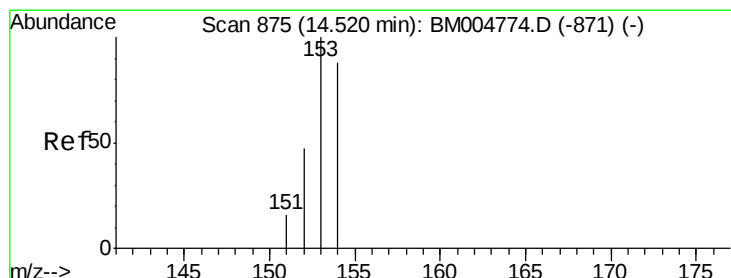
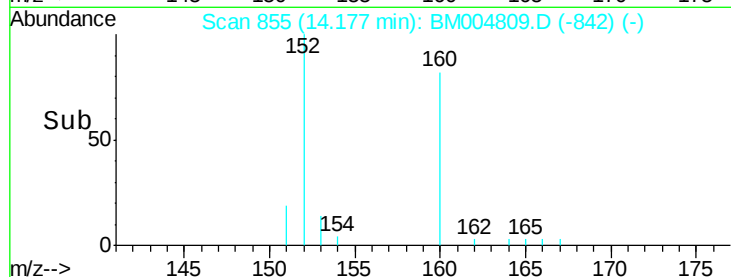
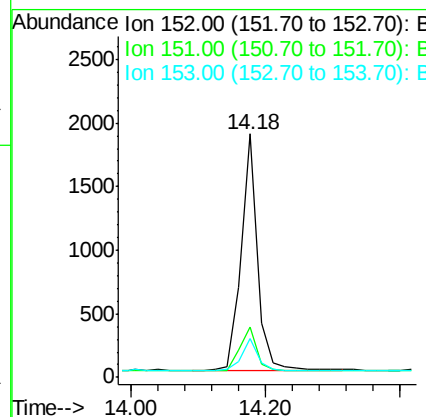
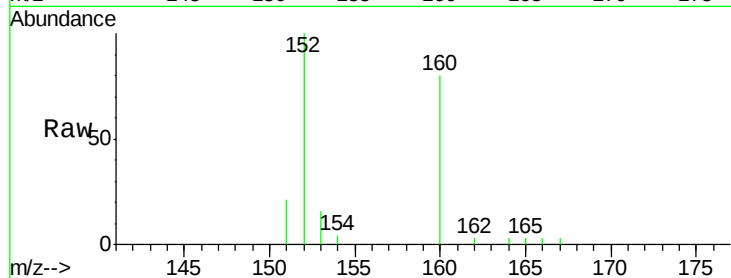
ClientSampled :

A4T40DL

Tot Ion:	152	Resp:	3158
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.6	26.4
153	15.9	9.7	14.5#

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#10

Acenaphthene

Concen: 0.09 ng/ul

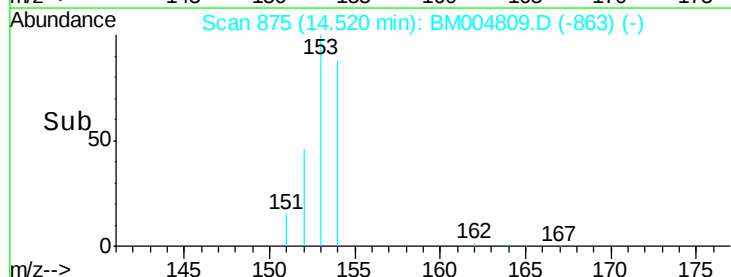
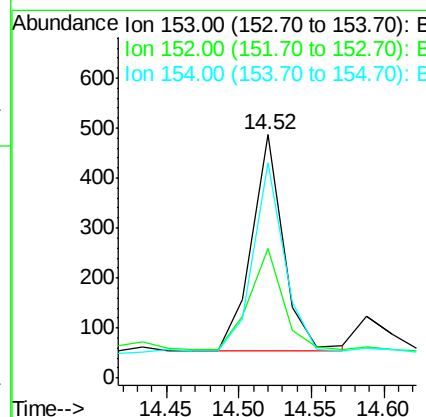
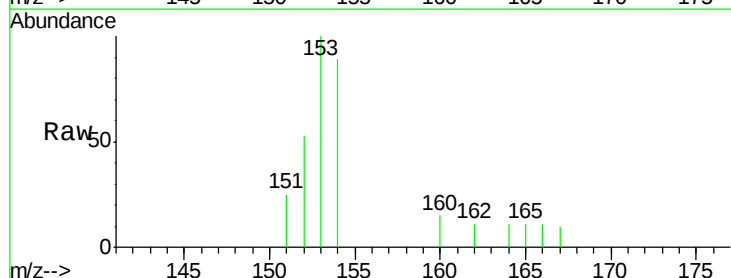
RT: 14.52 min Scan# 875

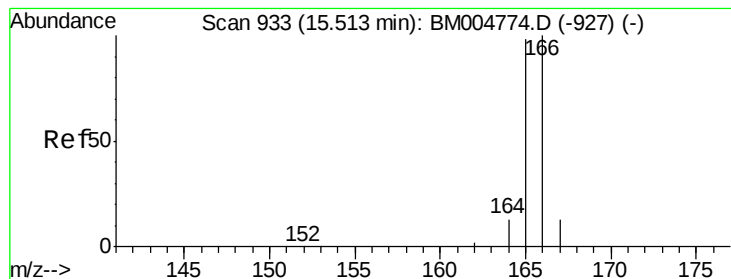
Delta R.T. -0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Tgt Ion:	153	Resp:	667
Ion Ratio	Lower	Upper	
153	100		
152	53.2	33.9	50.9#
154	88.5	80.6	121.0





#11

Fluorene

Concen: 0.13 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

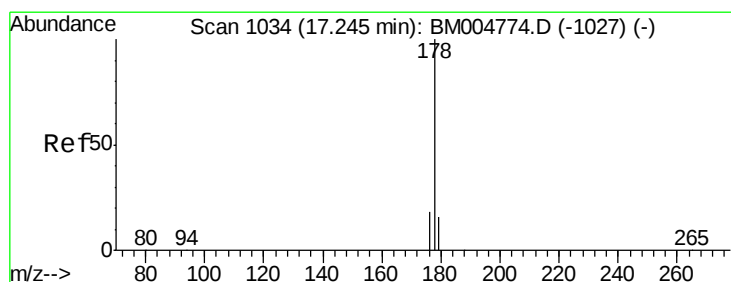
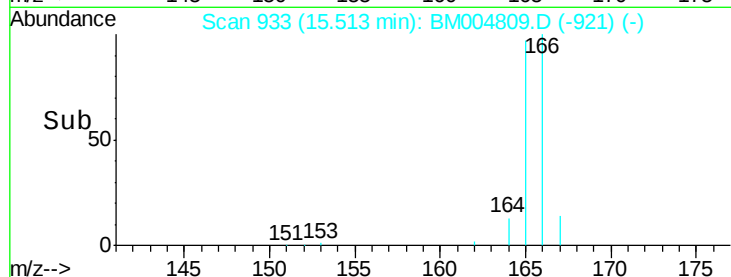
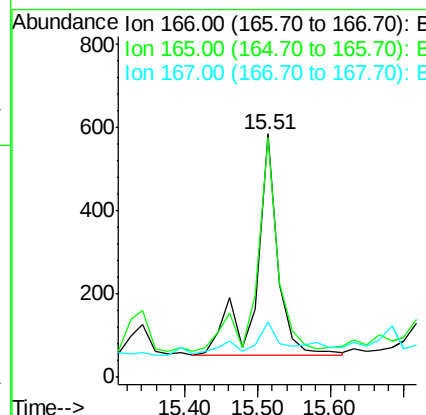
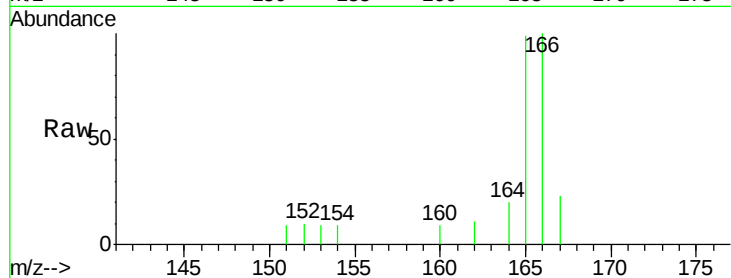
ClientSampleId :

A4T40DL

Tot Ion:	166	Resp:	1121
Ion Ratio	Lower	Upper	
166	100		
165	98.6	69.6	104.4
167	22.9	11.9	17.9#

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#14

Phenanthrene

Concen: 1.48 ng/ul

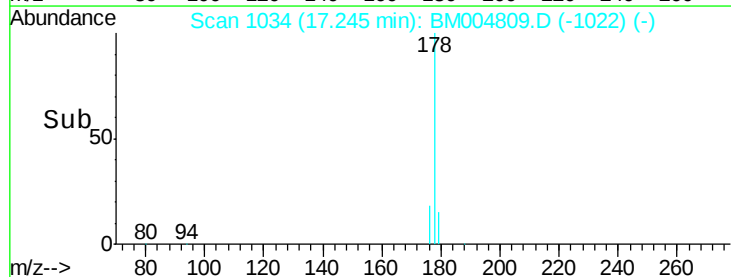
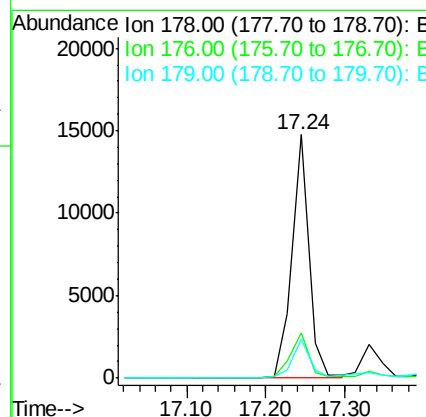
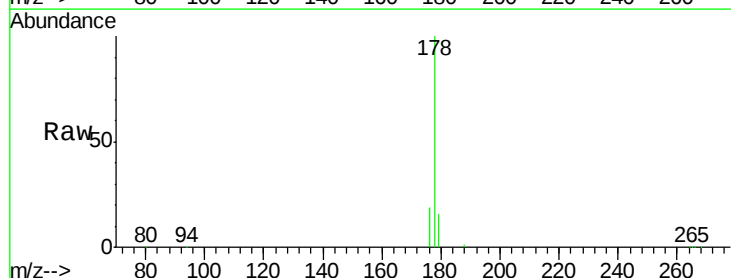
RT: 17.24 min Scan# 1034

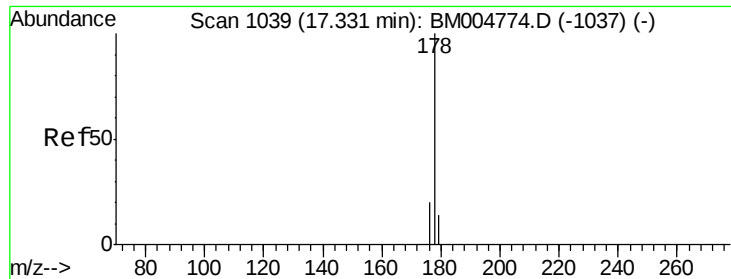
Delta R.T. -0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Tgt Ion:	178	Resp:	21473
Ion Ratio	Lower	Upper	
178	100		
176	18.5	13.0	19.4
179	15.7	14.2	21.2





#15

Anthracene

Concen: 0.24 ng/ul m

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

ClientSampleId :

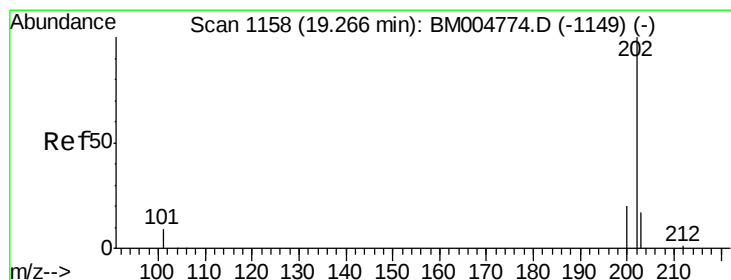
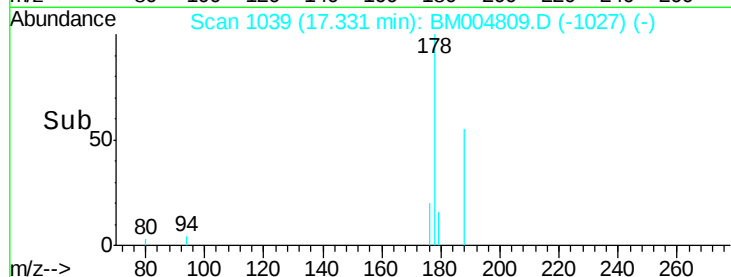
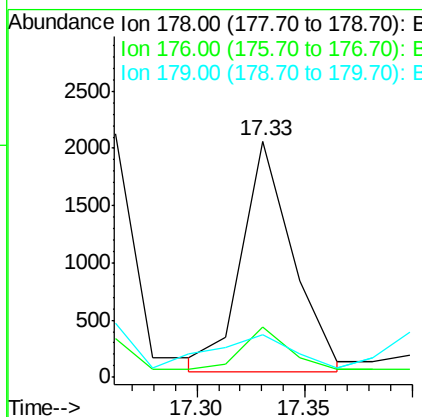
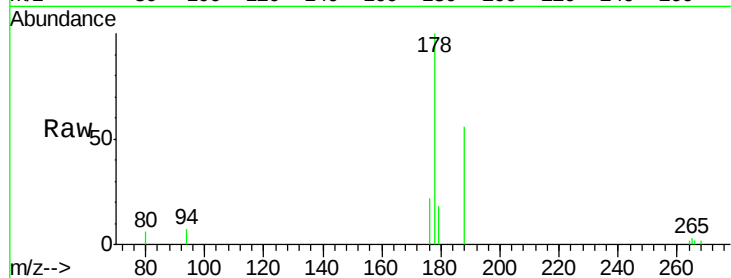
A4T40DL

Tot Ion:178 Resp: 3283

Ion	Ratio	Lower	Upper
178	100		
176	21.5	14.0	21.0#
179	18.0	12.9	19.3

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#17

Fluoranthene

Concen: 2.89 ng/ul

RT: 19.27 min Scan# 1158

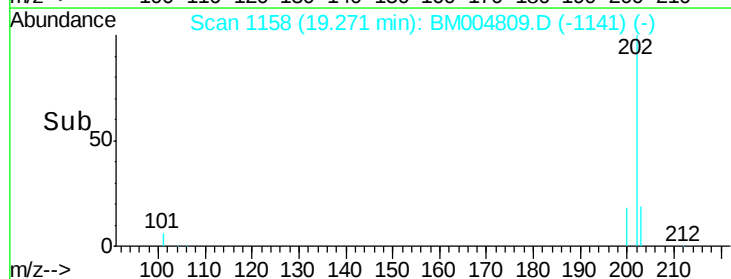
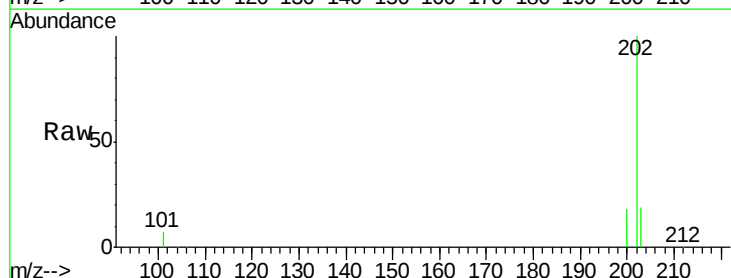
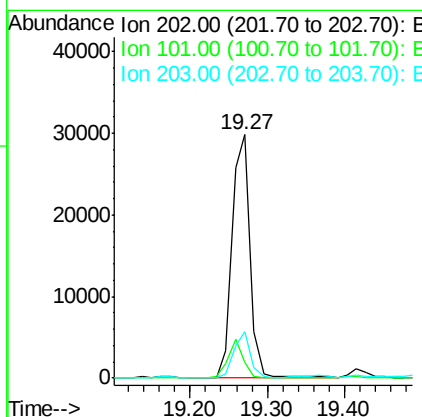
Delta R.T. 0.00 min

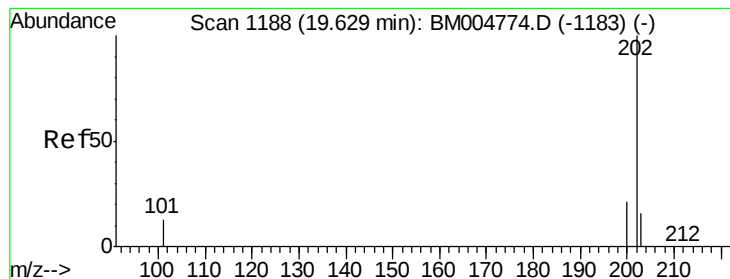
Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Tgt Ion:202 Resp: 47586

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	29.6
203	19.2	0.0	36.3





#19

Pvrene

Concen: 2.18 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

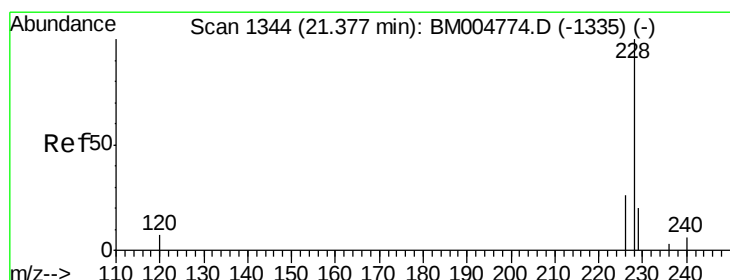
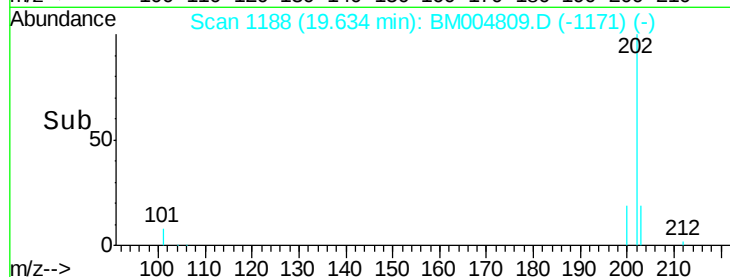
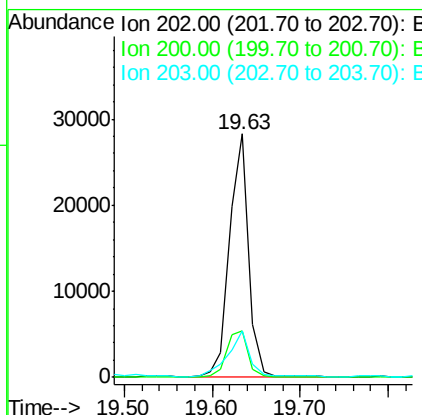
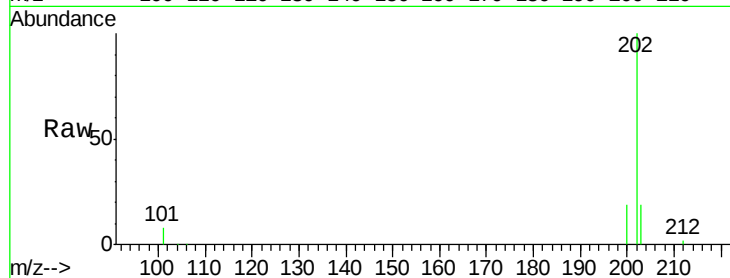
ClientSampleId :

A4T40DL

Tot Ion:	202	Resp:	42444
Ion Ratio	Lower	Upper	
202	100		
200	19.0	17.8	26.8
203	18.9	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 1.32 ng/ul

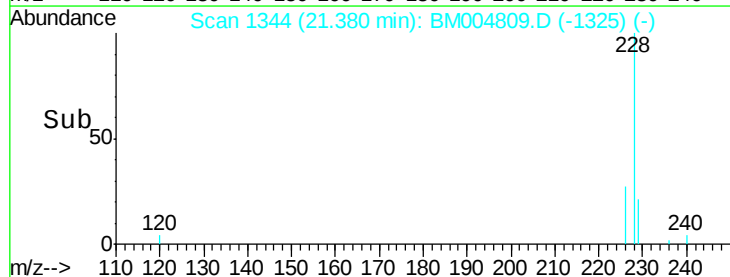
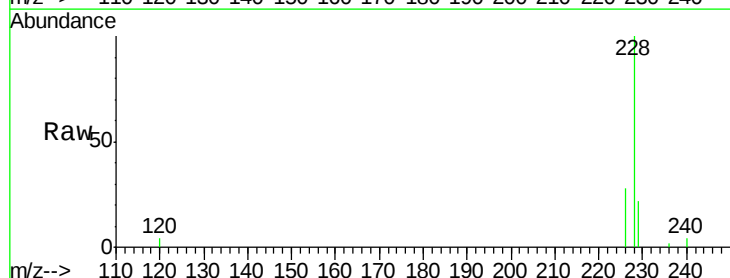
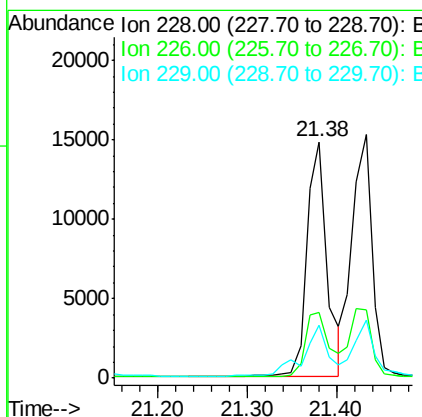
RT: 21.38 min Scan# 1344

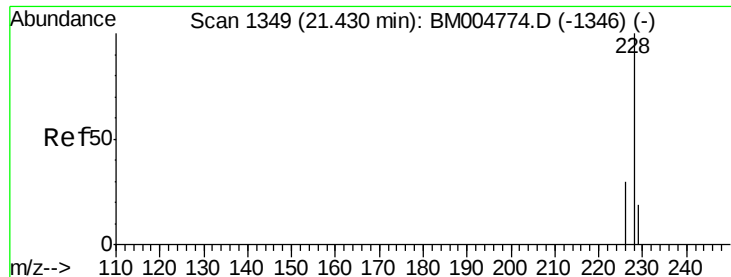
Delta R.T. 0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Tgt Ion:	228	Resp:	23114
Ion Ratio	Lower	Upper	
228	100		
226	27.7	18.8	28.2
229	22.4	17.1	25.7





#21

Chrysene

Concen: 1.40 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

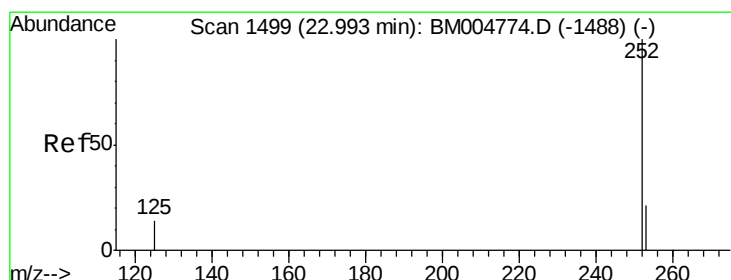
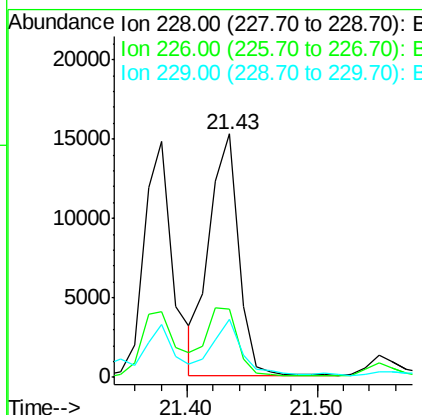
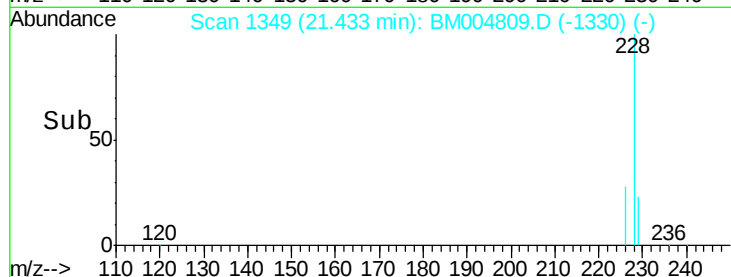
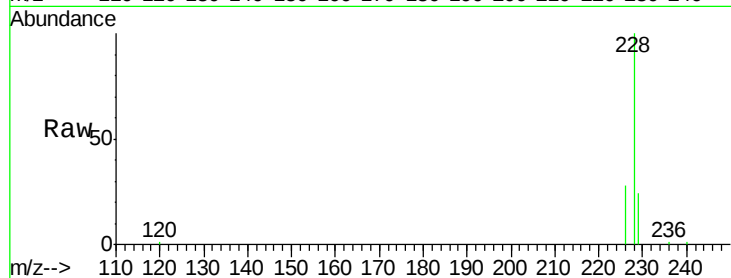
ClientSampleId :

A4T40DL

Tot Ion:	228	Resp:	23690
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.2	31.8
229	23.6	17.0	25.6

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#23

Benzo(b)fluoranthene

Concen: 1.96 ng/ul m

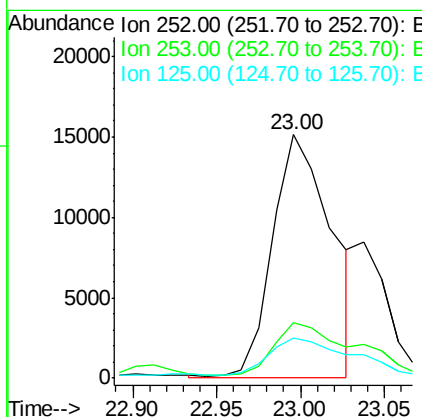
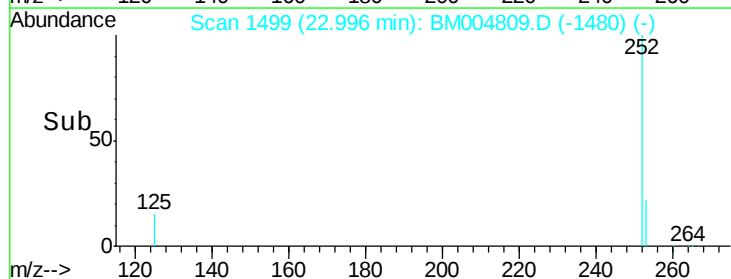
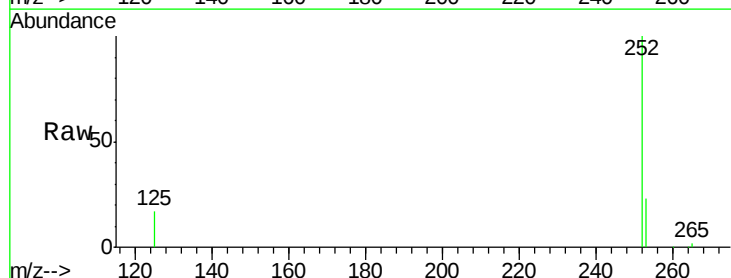
RT: 23.00 min Scan# 1499

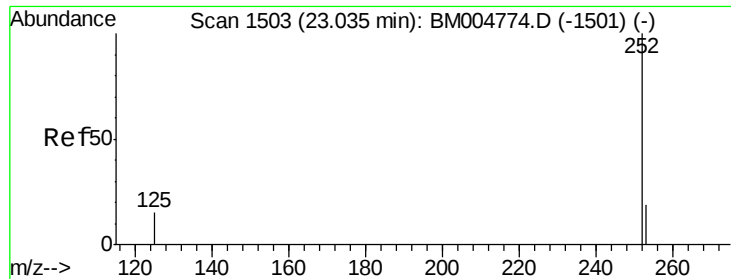
Delta R.T. 0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Tgt Ion:	252	Resp:	37464
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	45.4
125	16.5	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.65 ng/ul m

RT: 23.04 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Instrument :

BNA_M

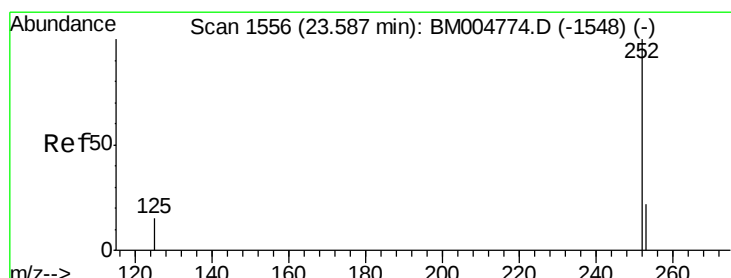
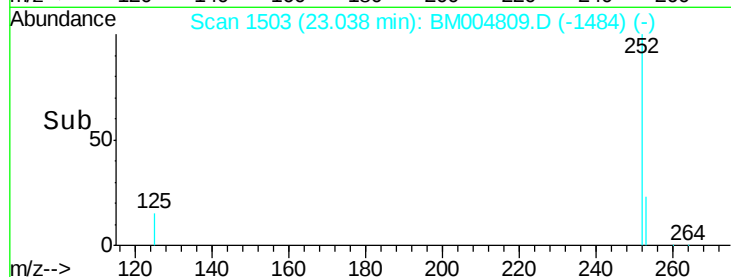
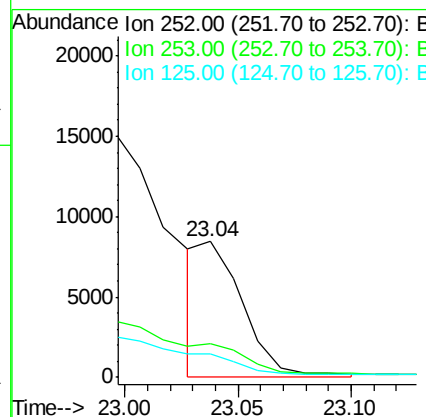
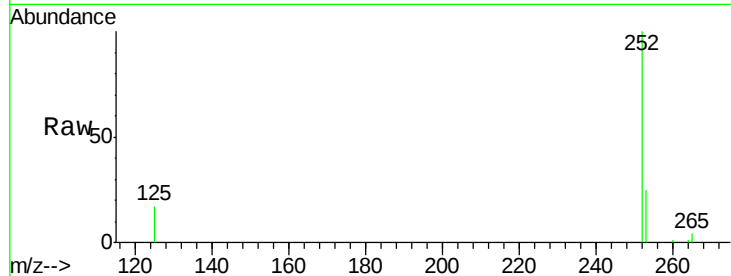
ClientSampleId :

A4T40DL

Tot Ion:	252	Resp:	11462
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.8	29.8
125	17.0	10.4	15.6

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 1.27 ng/ul

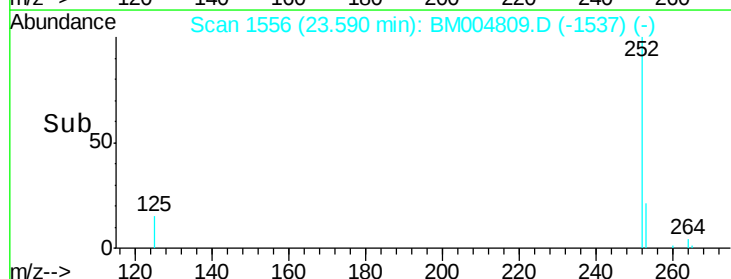
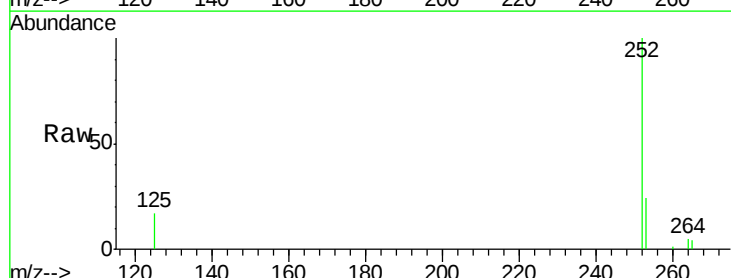
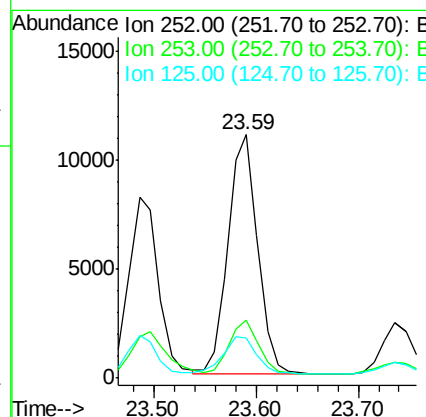
RT: 23.59 min Scan# 1556

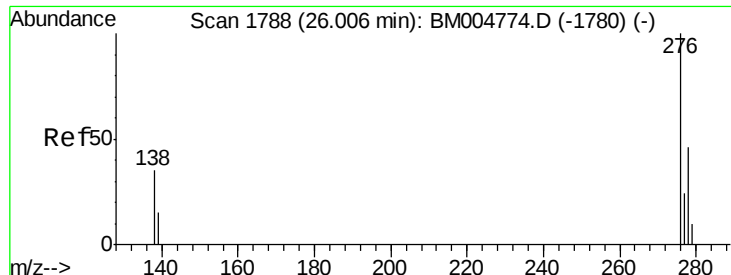
Delta R.T. 0.00 min

Lab File: BM004809.D

Acq: 28 Mar 2016 18:04

Tgt Ion:	252	Resp:	22067
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.4	29.2
125	16.6	12.7	19.1





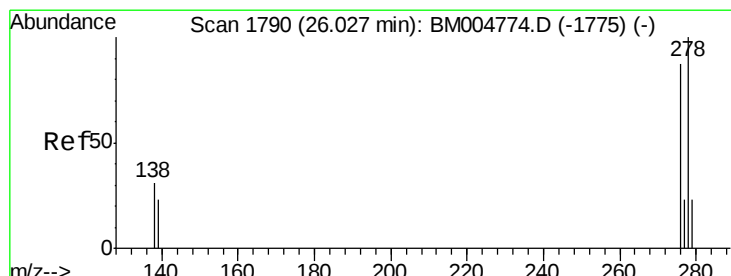
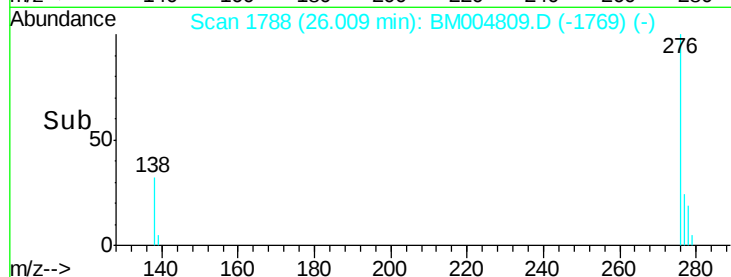
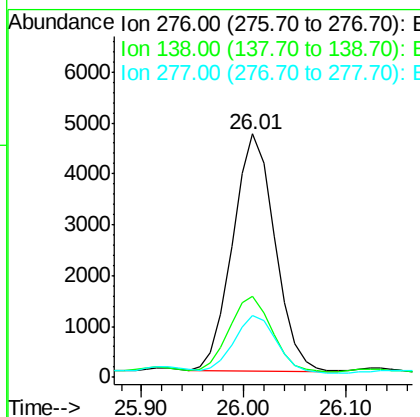
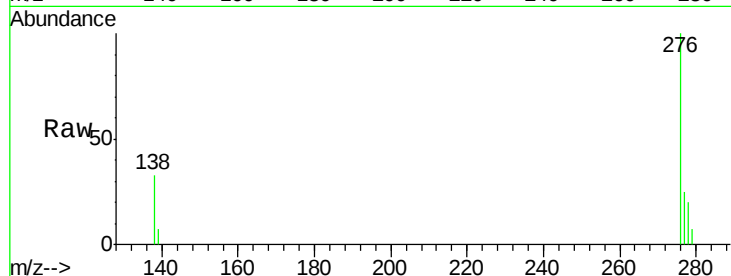
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.83 ng/ul
RT: 26.01 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BM004809.D
Acq: 28 Mar 2016 18:04

Instrument :
BNA_M
ClientSampleId :
A4T40DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	16.3	24.5#
277	24.4	19.8	29.8

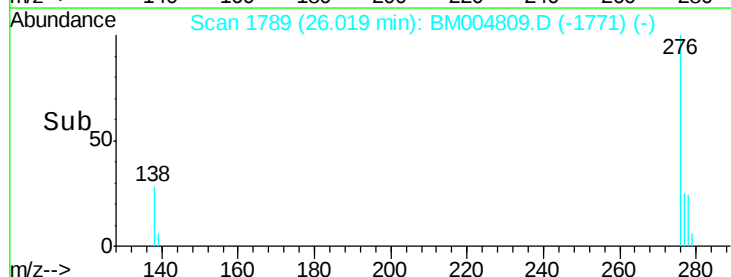
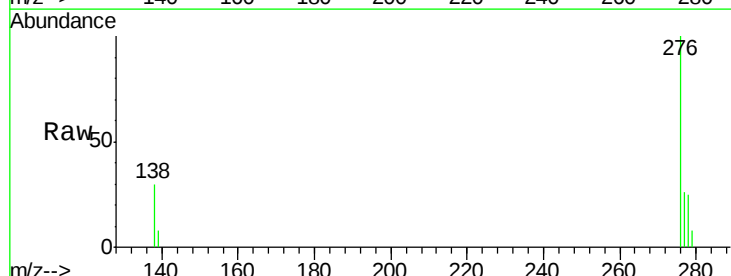
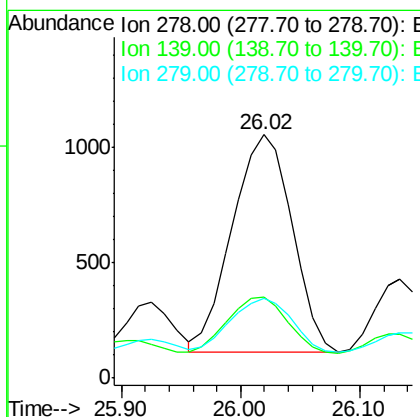
Manual Integrations
APPROVED

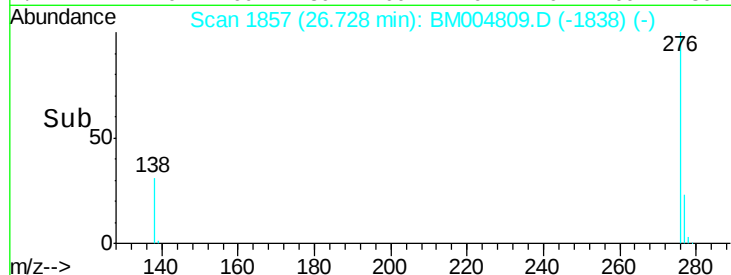
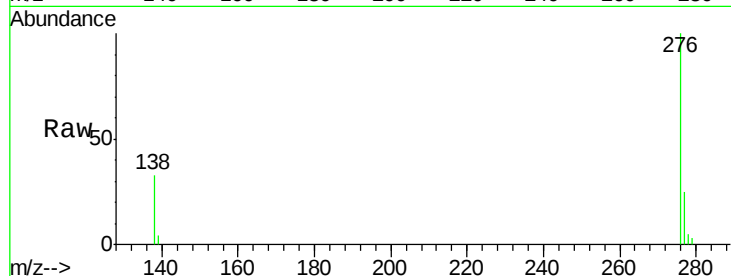
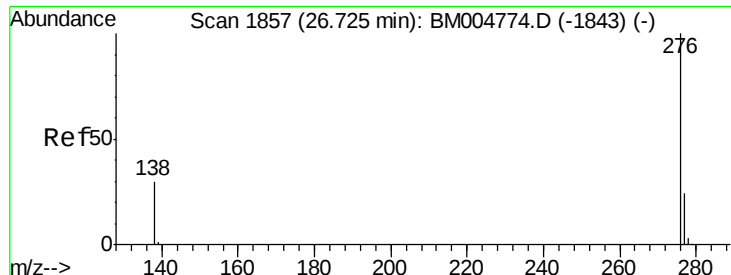
Sohil
4/6/2016 5:05:05 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.26 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004809.D
Acq: 28 Mar 2016 18:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.3	16.4	24.6#
279	32.6	20.2	30.2#





#28
Benzo(a,h,i)perylene
Concen: 0.88 ng/ul
RT: 26.73 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BM004809.D
Acq: 28 Mar 2016 18:04

Tot Ion:	276	Resp:	11751
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.9	28.3
138	32.7	22.5	33.7

Instrument :
BNA_M
ClientSampleId :
A4T40DL

Manual Integrations
APPROVED

Sohil
4/6/2016 5:05:05 PM

