

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004804.D
 Acq On : 28 Mar 2016 13:31
 Operator : UM/SJ
 Sample : H1909-16DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T50DL

Manual Integrations
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 4/6/2016 5:04:58 PM

Quant Time: Apr 05 19:30:39 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	842	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	3866	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2261	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5140m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	5397	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	4157m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	2516	6.63	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1022	0.19	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	2485	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	254	0.03	ng/ul#	39
9) Acenaphthylene	14.18	152	463	0.04	ng/ul#	71
10) Acenaphthene	14.52	153	345	0.05	ng/ul#	87
11) Fluorene	15.51	166	458	0.05	ng/ul#	85
14) Phenanthrene	17.24	178	8851	0.61	ng/ul	96
15) Anthracene	17.33	178	2251	0.16	ng/ul#	91
17) Fluoranthene	19.27	202	14196	0.86	ng/ul	97
19) Pyrene	19.63	202	15014	0.81	ng/ul	96
20) Benzo(a)anthracene	21.38	228	7813	0.47	ng/ul	95
21) Chrysene	21.43	228	7171	0.45	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	9844m	0.70	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	4272m	0.33	ng/ul	
25) Benzo(a)pyrene	23.58	252	7834m	0.61	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	4156m	0.35	ng/ul	
27) Dibenzo(a,h)anthracene	26.01	278	1055m	0.11	ng/ul	
28) Benzo(a,h,i)perylene	26.71	276	3676m	0.37	ng/ul	

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

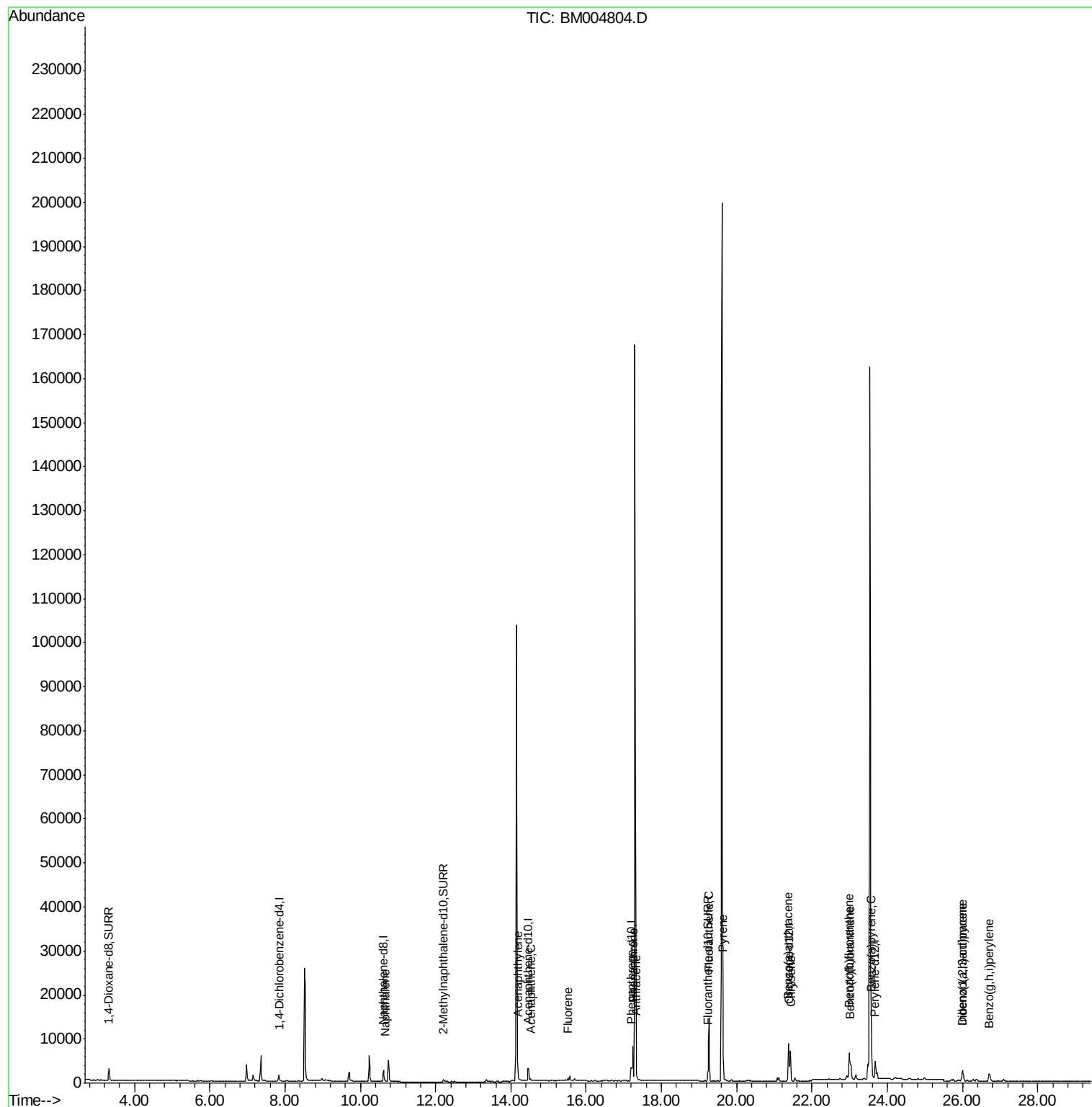
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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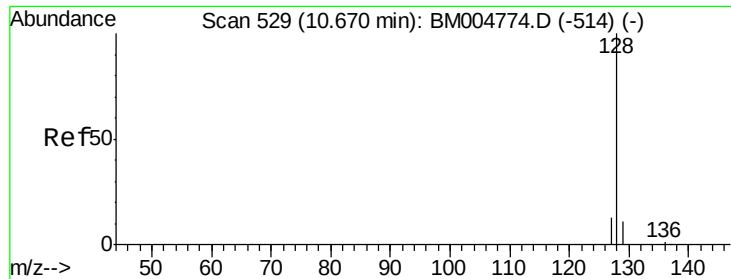
Instrument :
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A4T50DL

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
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QLast Update : Tue Apr 05 18:29:16 2016
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Instrument :

BNA_M

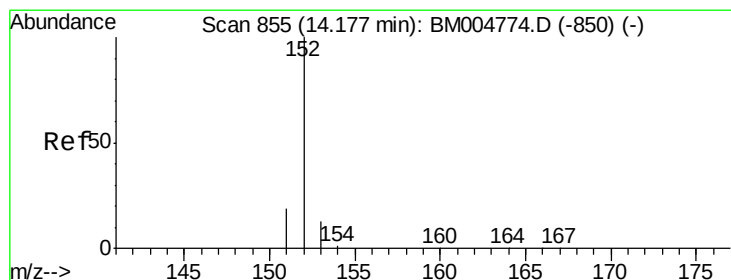
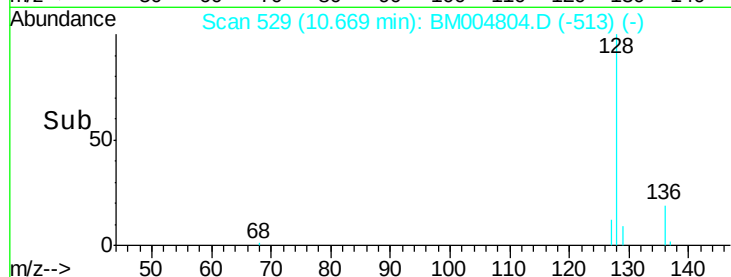
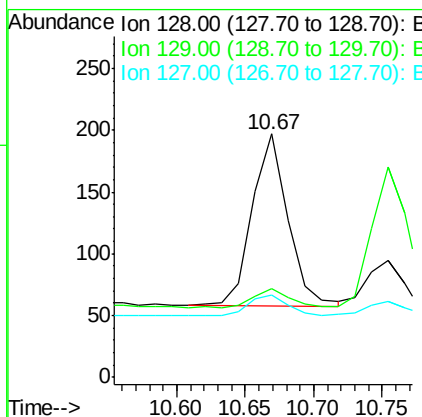
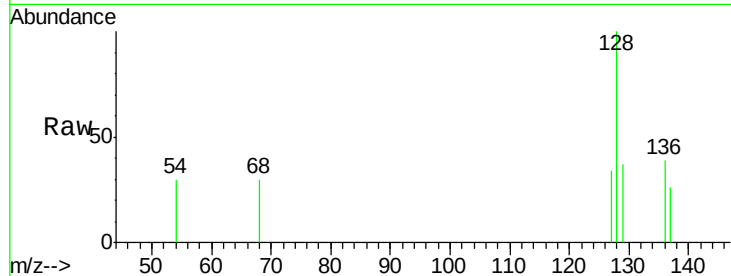
ClientSampleID :

A4T50DL

Tot Ion:	128	Resp:	254
Ion	Ratio	Lower	Upper
128	100		
129	36.5	9.0	13.6#
127	34.0	9.6	14.4#

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#9

Acenaphthylene

Concen: 0.04 ng/ul

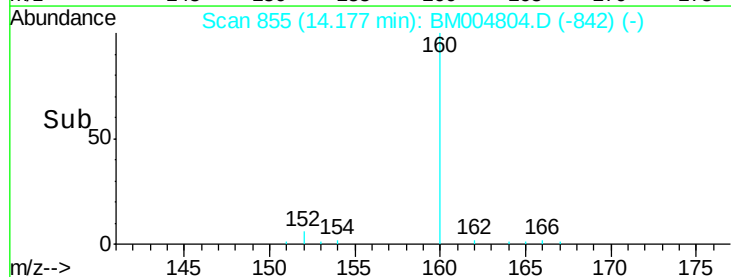
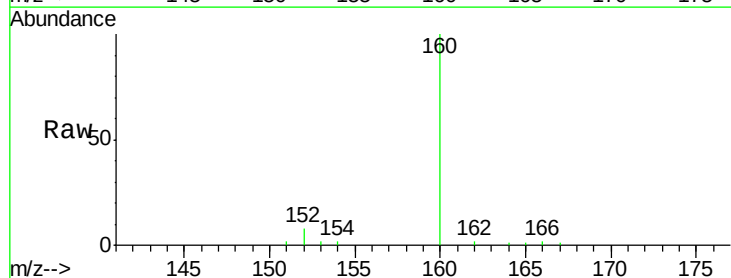
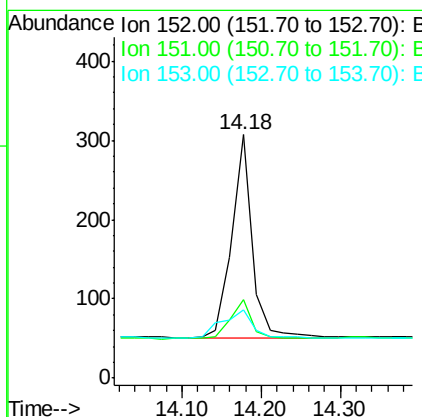
RT: 14.18 min Scan# 855

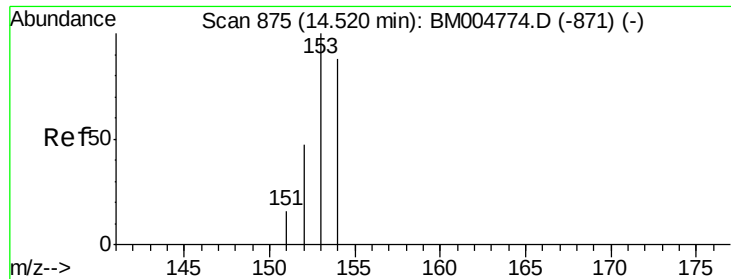
Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Tgt Ion:	152	Resp:	463
Ion	Ratio	Lower	Upper
152	100		
151	32.2	17.6	26.4#
153	28.3	9.7	14.5#





#10

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Instrument :

BNA_M

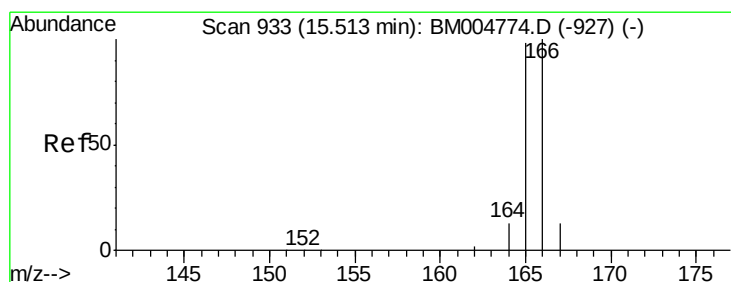
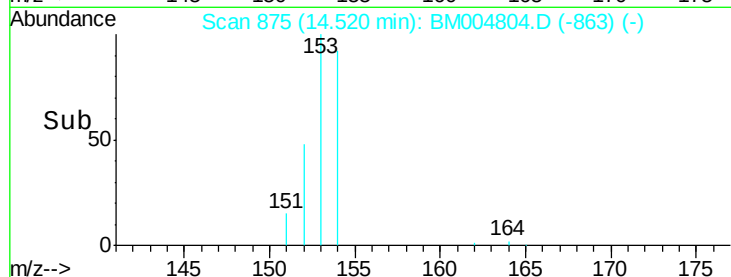
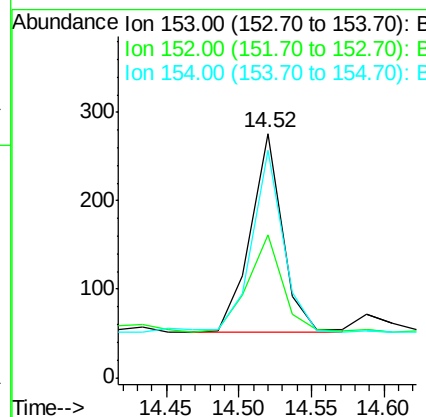
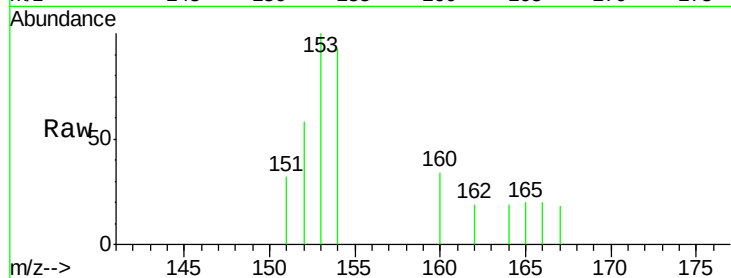
ClientSampleId :

A4T50DL

Tot Ion:	153	Resp:	345
Ion Ratio	Lower	Upper	
153	100		
152	58.3	33.9	50.9#
154	93.1	80.6	121.0

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#11

Fluorene

Concen: 0.05 ng/ul

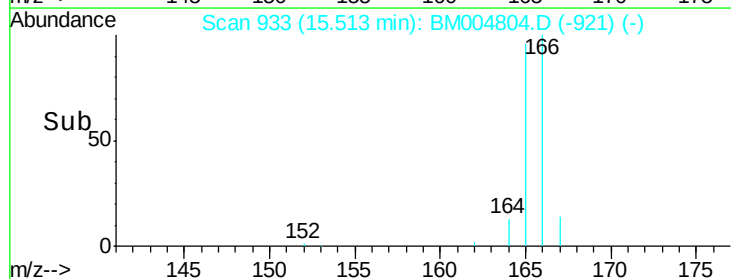
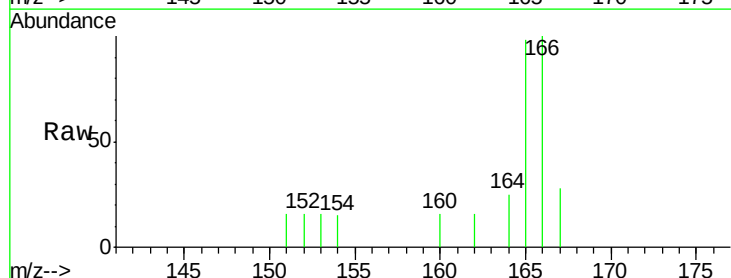
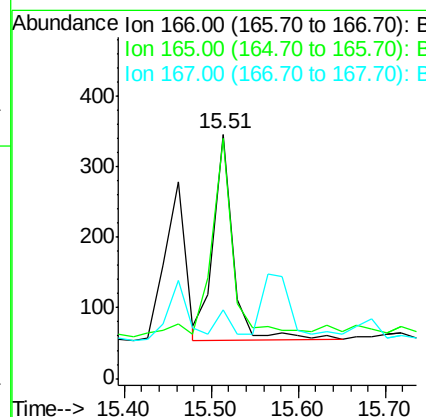
RT: 15.51 min Scan# 933

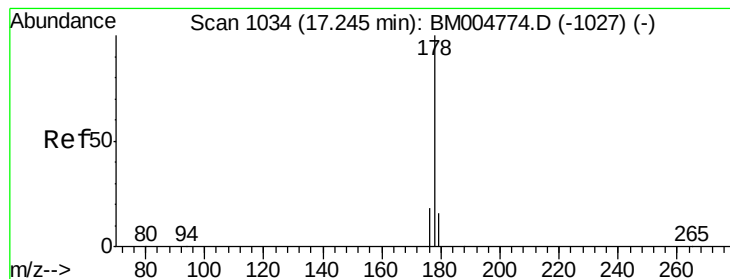
Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Tgt Ion:	166	Resp:	458
Ion Ratio	Lower	Upper	
166	100		
165	98.3	69.6	104.4
167	28.0	11.9	17.9#





#14

Phenanthrene

Concen: 0.61 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Instrument :

BNA_M

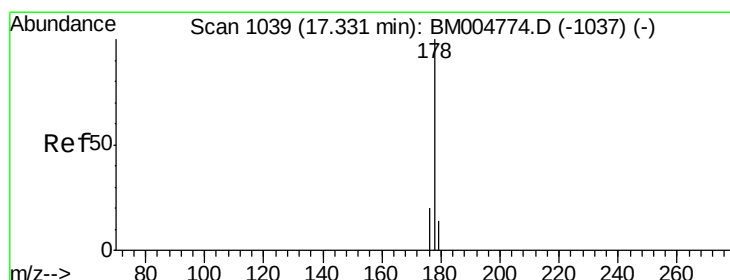
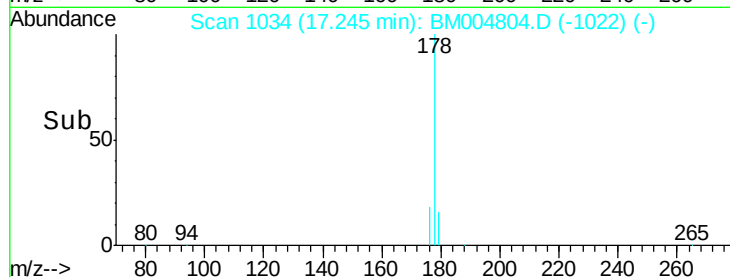
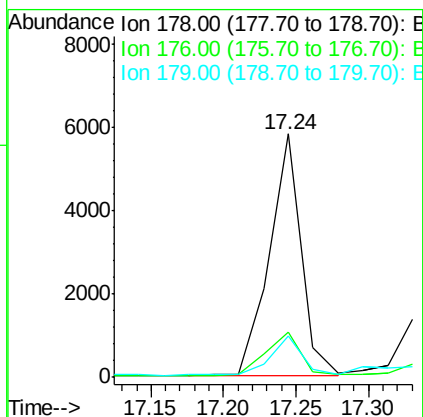
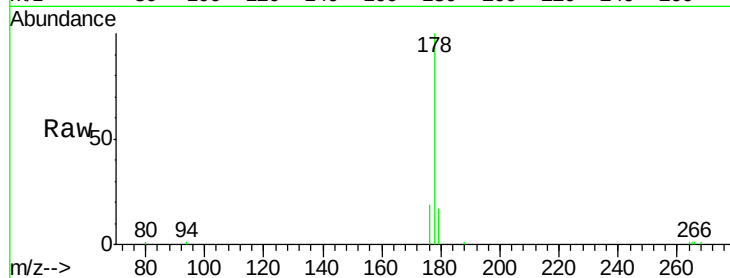
ClientSampleId :

A4T50DL

Tot Ion:	178	Resp:	8851
Ion	Ratio	Lower	Upper
178	100		
176	18.6	13.0	19.4
179	16.9	14.2	21.2

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#15

Anthracene

Concen: 0.16 ng/ul

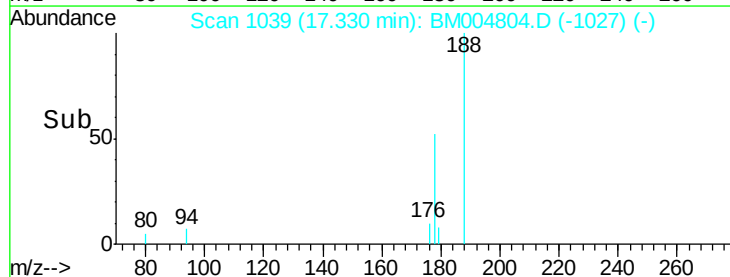
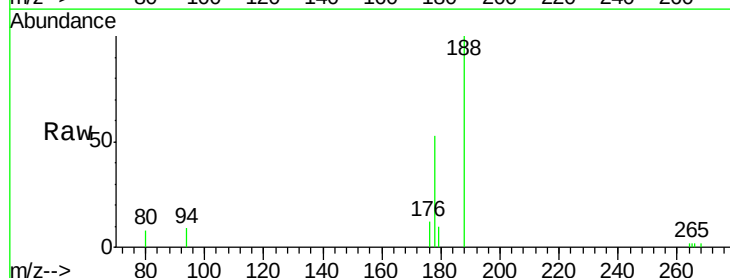
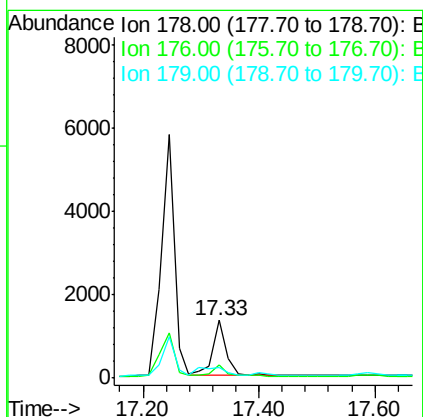
RT: 17.33 min Scan# 1039

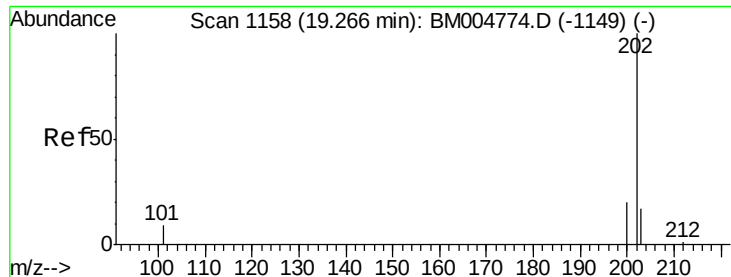
Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Tgt Ion:	178	Resp:	2251
Ion	Ratio	Lower	Upper
178	100		
176	22.1	14.0	21.0#
179	19.1	12.9	19.3





#17

Fluoranthene

Concen: 0.86 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Instrument :

BNA_M

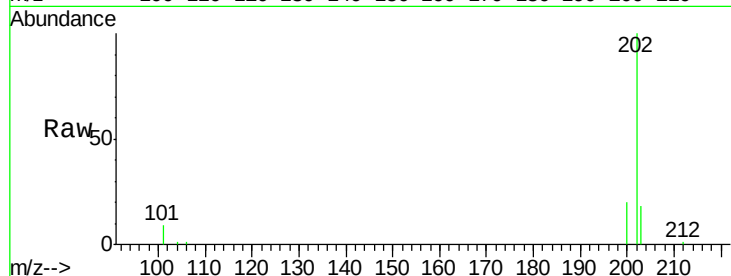
ClientSampleId :

A4T50DL

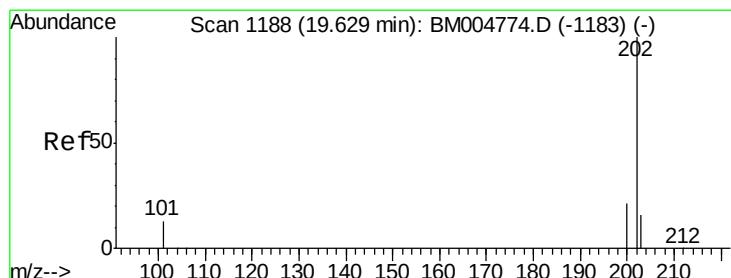
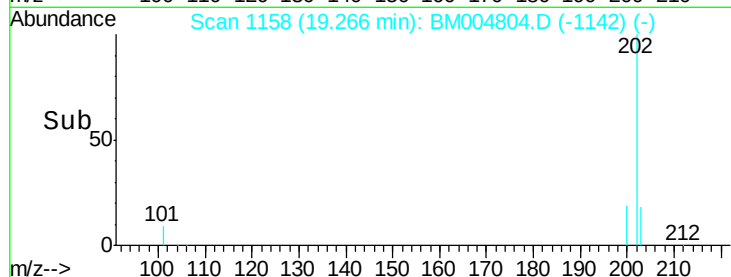
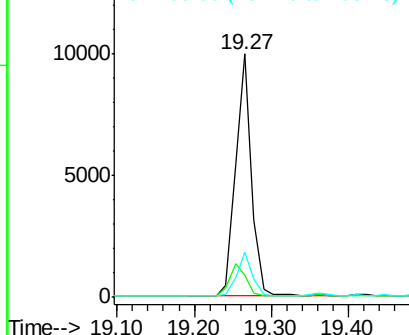
Tot Ion:	202	Resp:	14196
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.6
203	18.4	0.0	36.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.81 ng/ul

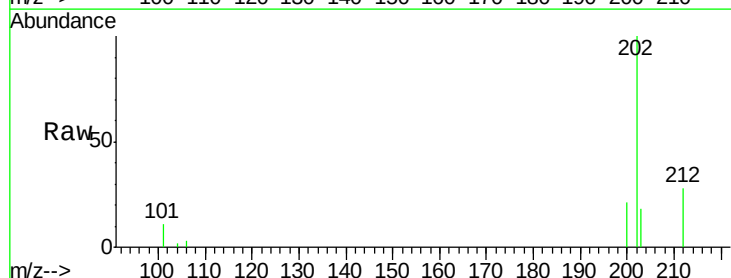
RT: 19.63 min Scan# 1188

Delta R.T. -0.00 min

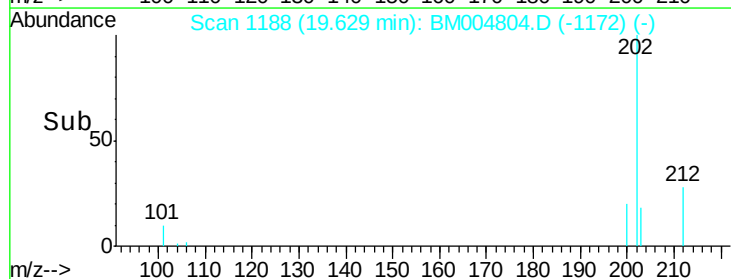
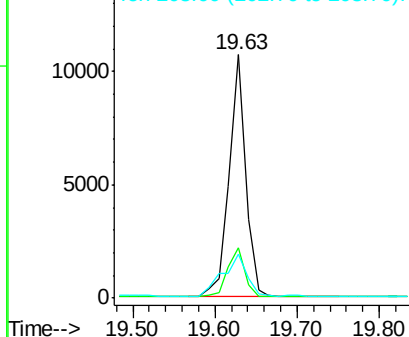
Lab File: BM004804.D

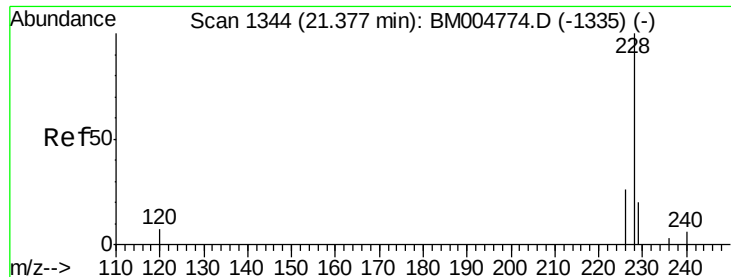
Acq: 28 Mar 2016 13:31

Tgt Ion:	202	Resp:	15014
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.8
203	18.3	12.8	19.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





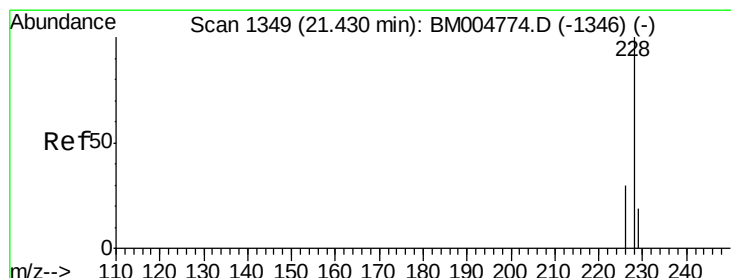
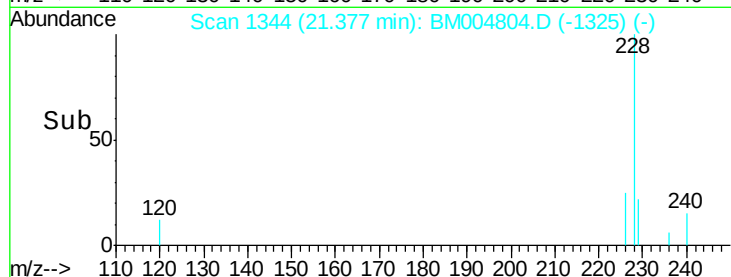
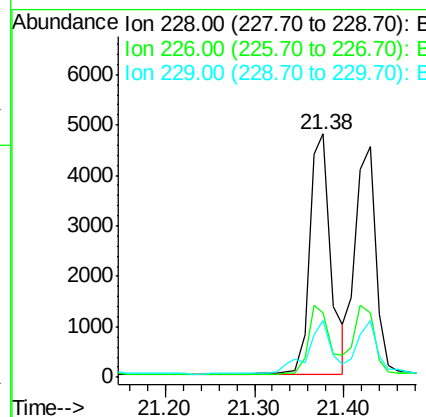
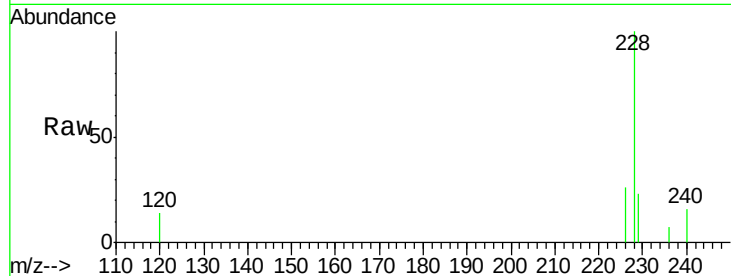
#20
Benzo(a)anthracene
Concen: 0.47 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004804.D
Acq: 28 Mar 2016 13:31

Instrument :
BNA_M
ClientSampleId :
A4T50DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	18.8	28.2
229	23.2	17.1	25.7

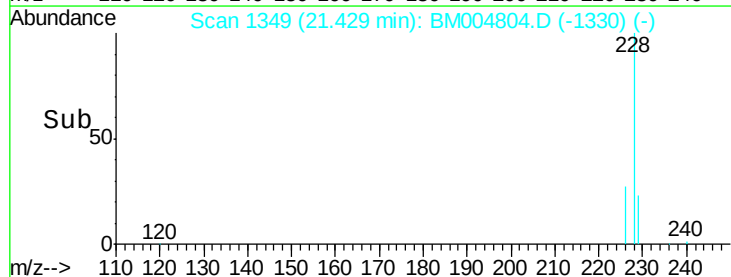
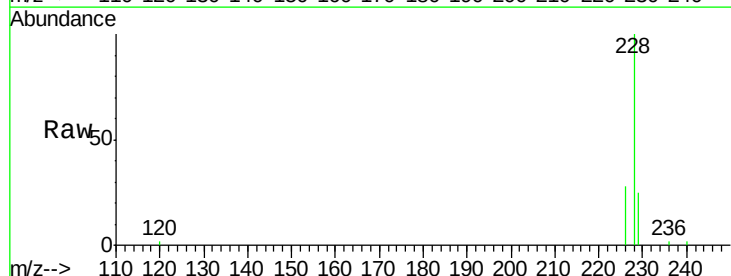
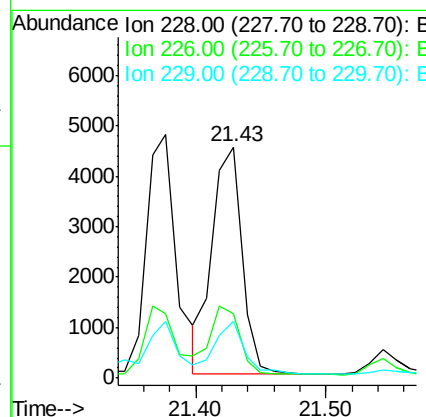
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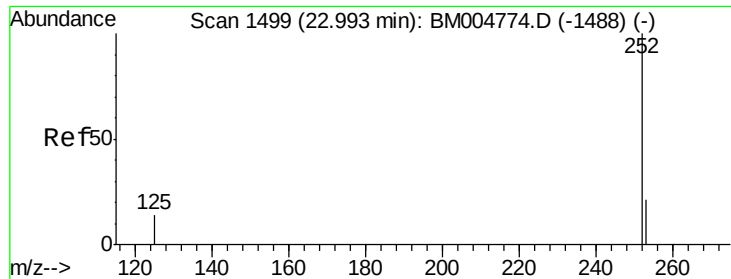
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#21
Chrysene
Concen: 0.45 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BM004804.D
Acq: 28 Mar 2016 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.2	31.8
229	24.7	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.70 ng/ul m

RT: 22.99 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Instrument :

BNA_M

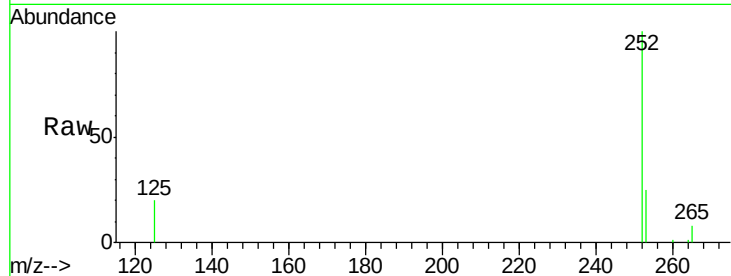
ClientSampleId :

A4T50DL

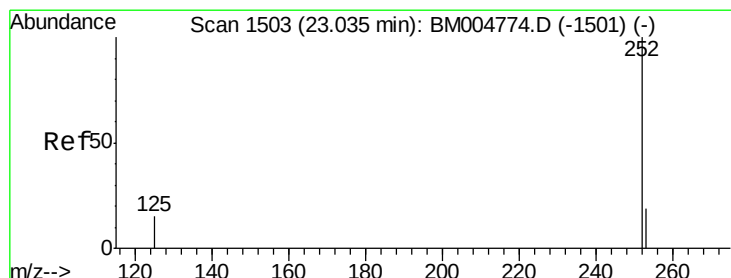
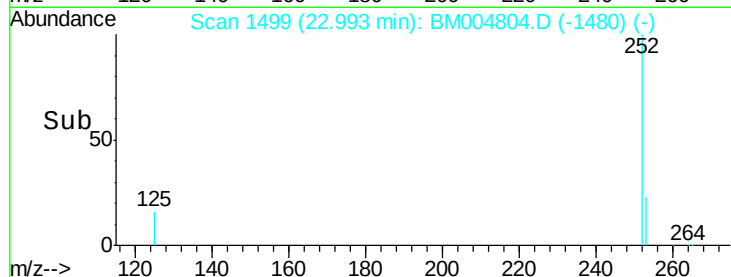
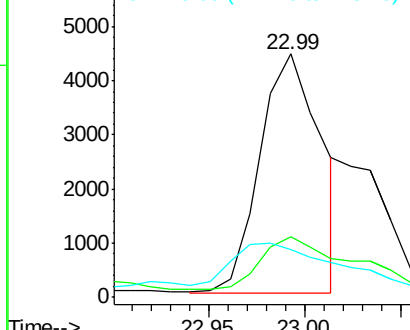
Tot Ion:	252	Resp:	9844
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	45.4
125	19.7	0.0	28.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 0.33 ng/ul m

RT: 23.01 min Scan# 1501

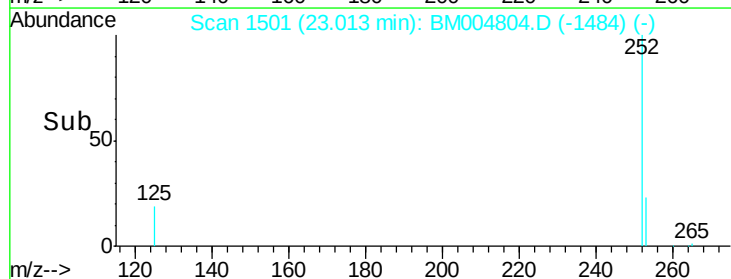
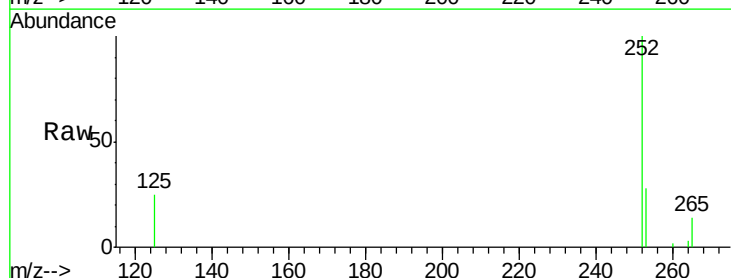
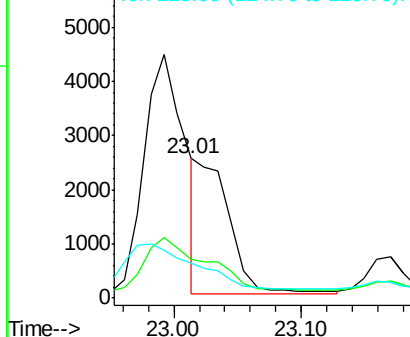
Delta R.T. -0.02 min

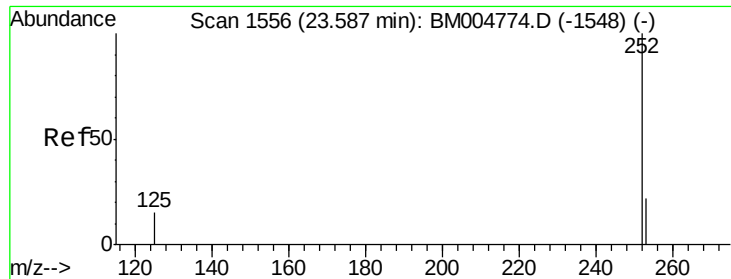
Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Tgt Ion:	252	Resp:	4272
Ion Ratio	Lower	Upper	
252	100		
253	27.7	19.8	29.8
125	24.7	10.4	15.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.61 ng/ul m

RT: 23.58 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM004804.D

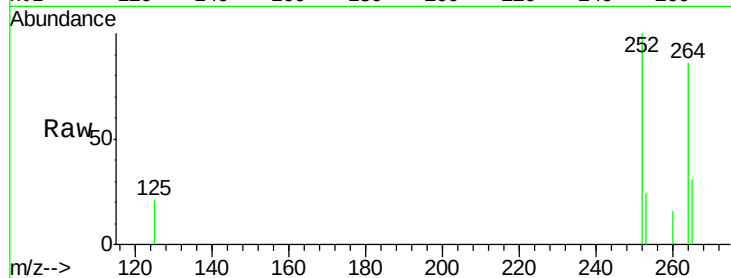
Acq: 28 Mar 2016 13:31

Instrument :

BNA_M

ClientSampleId :

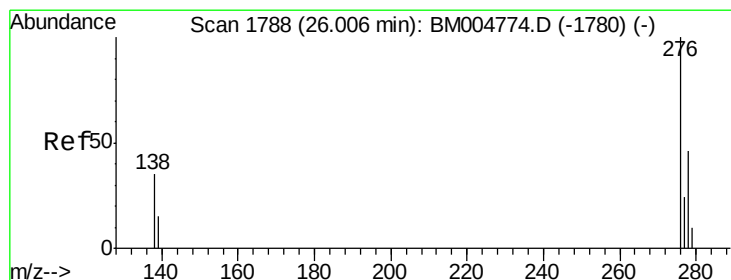
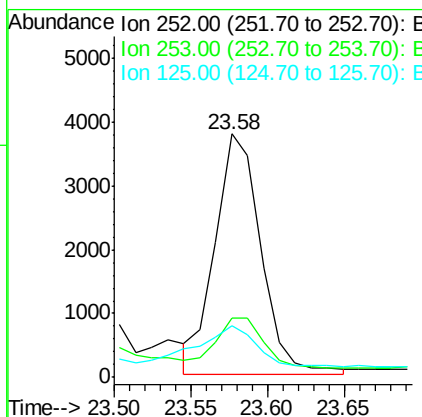
A4T50DL



Tot Ion:	252	Resp:	7834
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.4	29.2
125	21.0	12.7	19.1#

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.35 ng/ul m

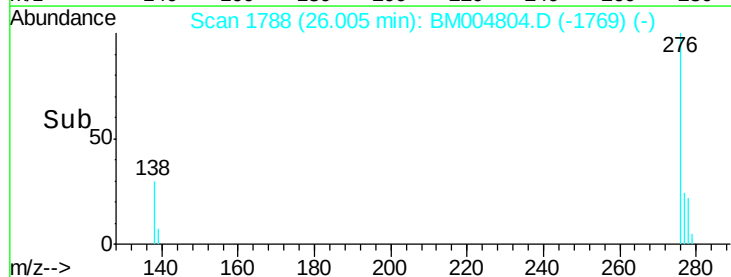
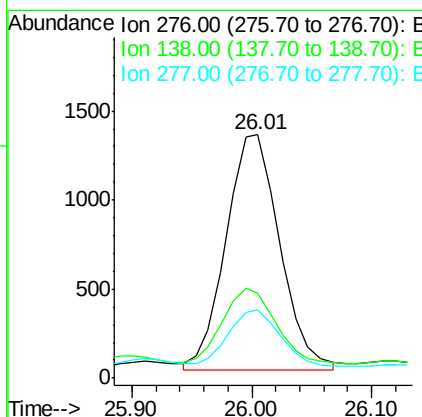
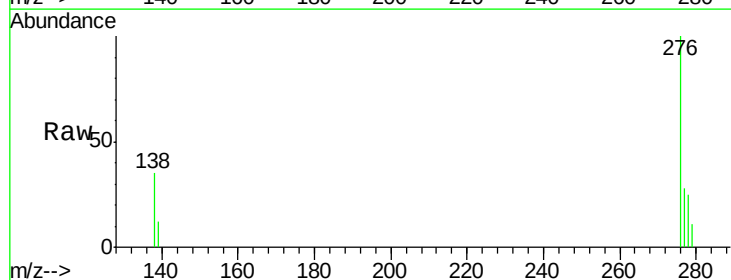
RT: 26.01 min Scan# 1788

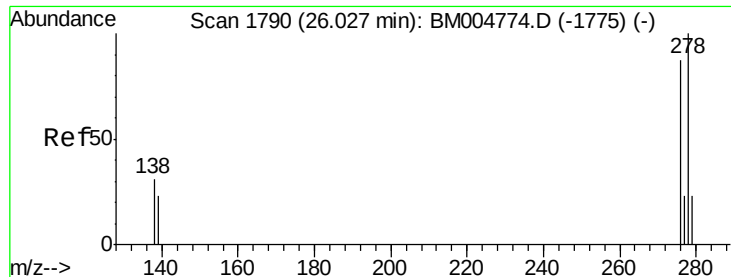
Delta R.T. -0.00 min

Lab File: BM004804.D

Acq: 28 Mar 2016 13:31

Tgt Ion:	276	Resp:	4156
Ion Ratio	Lower	Upper	
276	100		
138	2.7	16.3	24.5#
277	3.2	19.8	29.8#





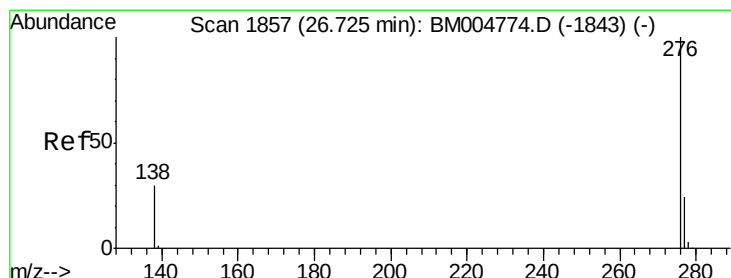
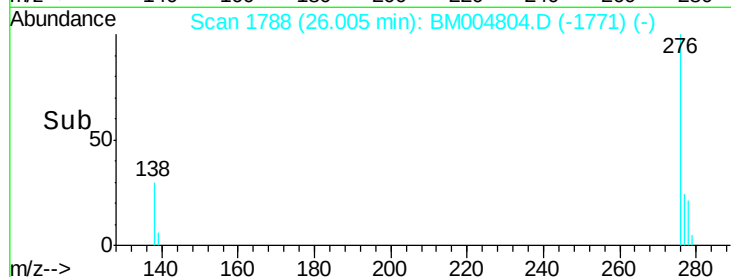
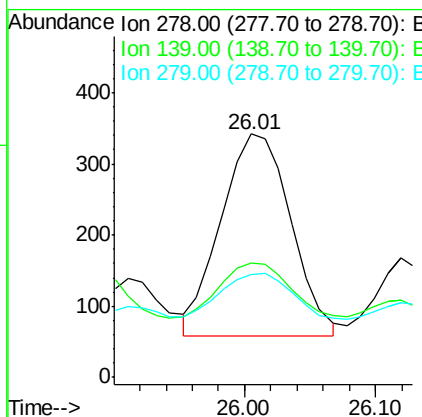
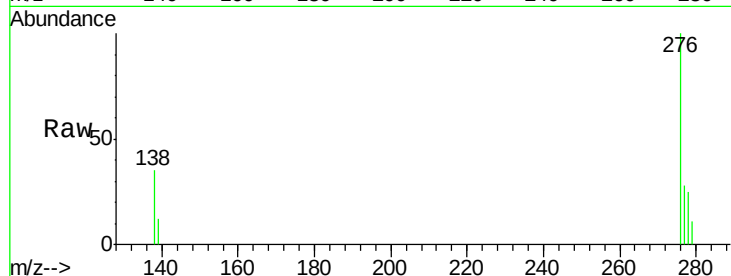
#27
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul m
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004804.D
Acq: 28 Mar 2016 13:31

Instrument :
BNA_M
ClientSampleId :
A4T50DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	47.1	16.4	24.6#
279	42.4	20.2	30.2#

Manual Integrations
APPROVED

Sohil
4/6/2016 5:04:58 PM



#28
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul m
RT: 26.71 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM004804.D
Acq: 28 Mar 2016 13:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.9	28.3
138	37.5	22.5	33.7#

