

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004802.D
 Acq On : 28 Mar 2016 12:18
 Operator : UM/SJ
 Sample : H1909-09DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45DL

Manual Integrations
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 4/6/2016 2:53:29 PM

Quant Time: Apr 06 11:52:49 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	1028	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4603	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2599	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	5740	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	5731	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	5411	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	755	1.63	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	288	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	669	0.05	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	520	0.05	ng/ul#	65
9) Acenaphthylene	14.18	152	401	0.03	ng/ul#	69
10) Acenaphthene	14.52	153	297	0.04	ng/ul#	85
11) Fluorene	15.51	166	563	0.06	ng/ul#	86
14) Phenanthrene	17.24	178	7131	0.44	ng/ul	96
15) Anthracene	17.33	178	1773m	0.12	ng/ul	
17) Fluoranthene	19.27	202	11837	0.64	ng/ul	97
19) Pyrene	19.63	202	11460	0.58	ng/ul	97
20) Benzo(a)anthracene	21.38	228	5431	0.31	ng/ul#	93
21) Chrysene	21.43	228	5230	0.31	ng/ul	94
23) Benzo(b)fluoranthene	22.99	252	6725m	0.37	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	2329m	0.14	ng/ul	
25) Benzo(a)pyrene	23.59	252	4656	0.28	ng/ul#	90
26) Indeno(1,2,3-cd)pyrene	26.01	276	2349	0.15	ng/ul#	87
27) Dibenzo(a,h)anthracene	26.02	278	597	0.05	ng/ul#	39
28) Benzo(a,h,i)perylene	26.72	276	2157	0.17	ng/ul#	83

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

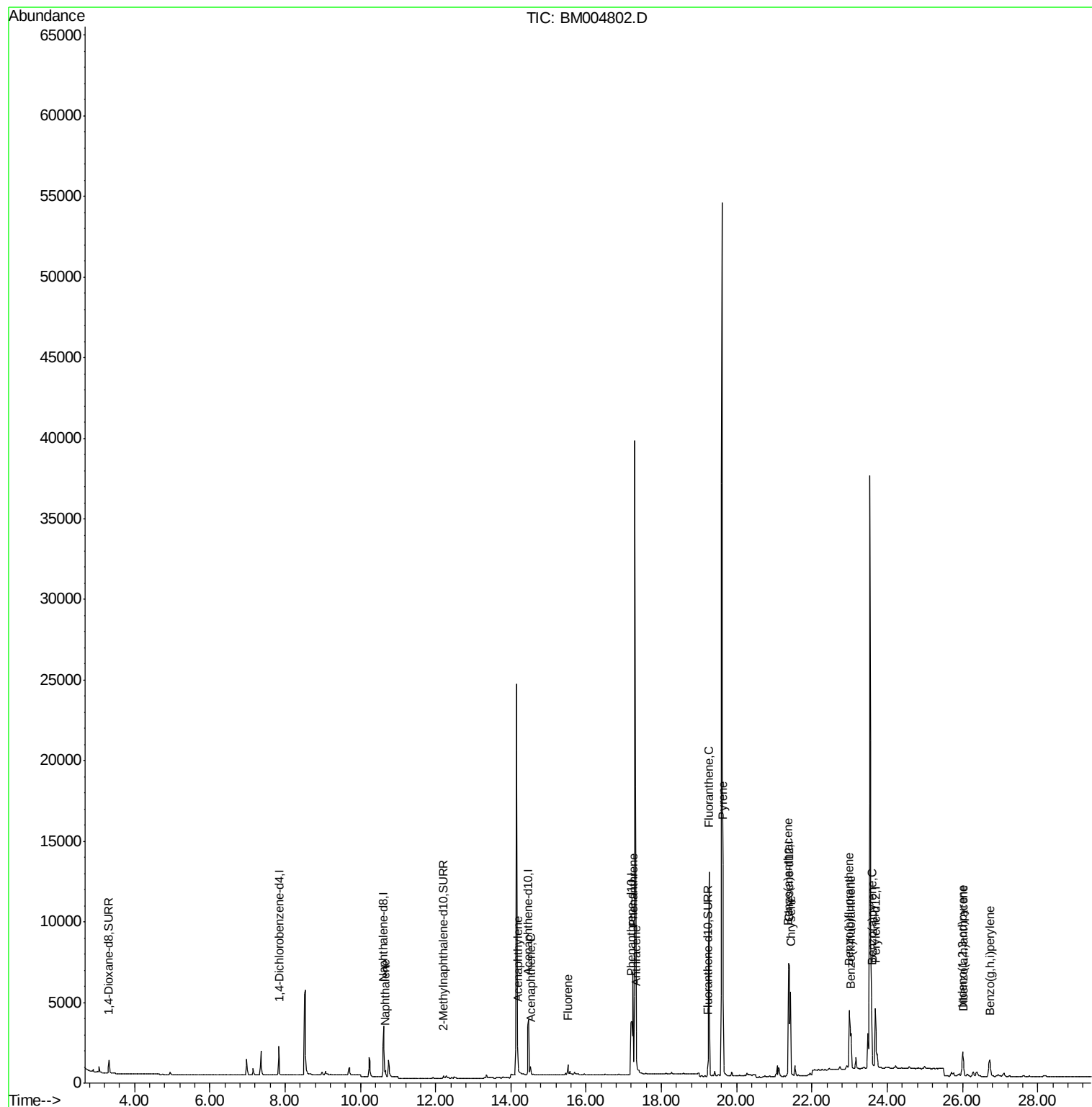
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

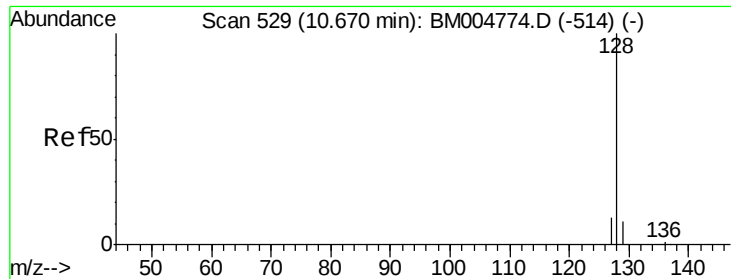
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
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QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Instrument :

BNA_M

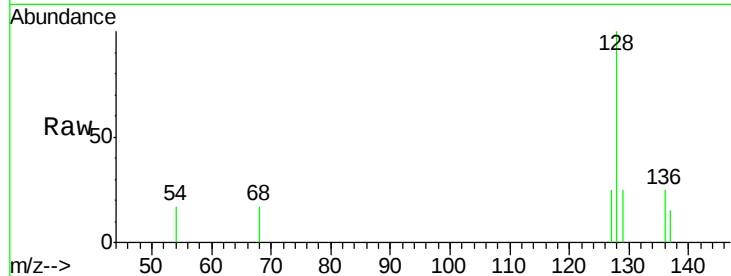
ClientSampleId :

A4T45DL

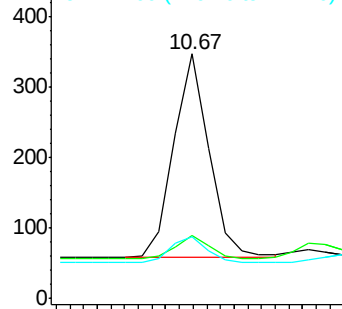
Tot Ion:	128	Resp:	520
Ion Ratio	Lower	Upper	
128	100		
129	25.4	9.0	13.6#
127	24.8	9.6	14.4#

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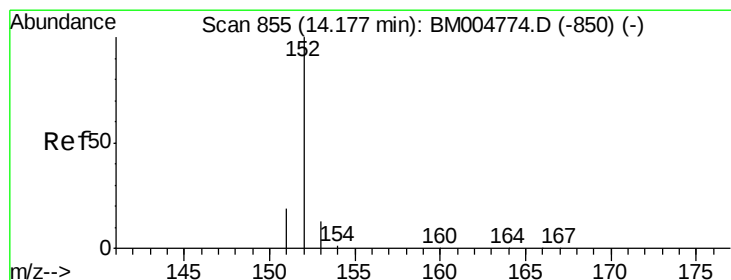
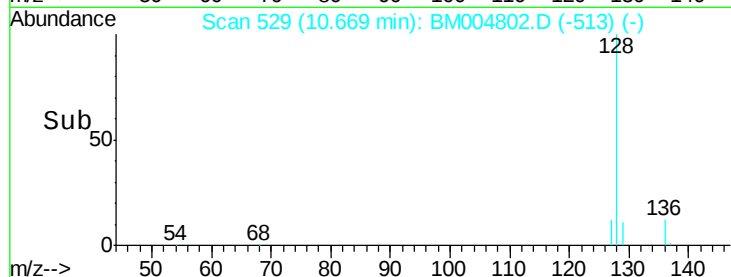
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#9

Acenaphthylene

Concen: 0.03 ng/ul

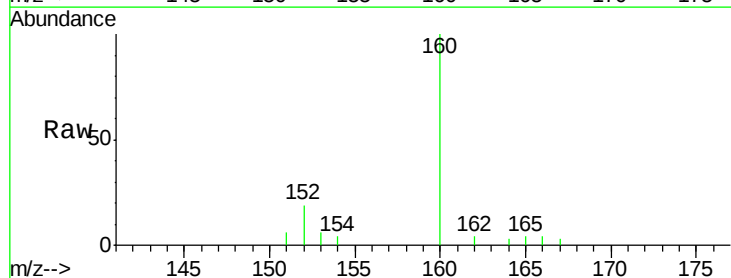
RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

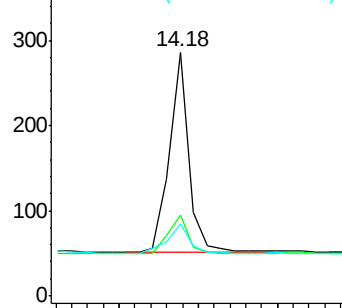
Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

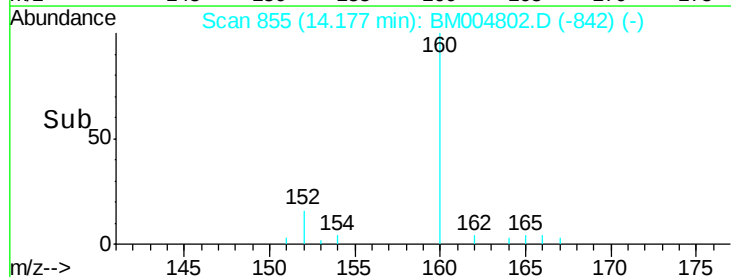
Tgt Ion:	152	Resp:	401
Ion Ratio	Lower	Upper	
152	100		
151	33.2	17.6	26.4#
153	29.4	9.7	14.5#

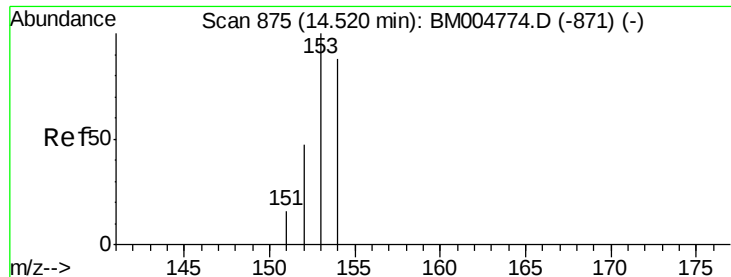


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





#10

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Instrument :

BNA_M

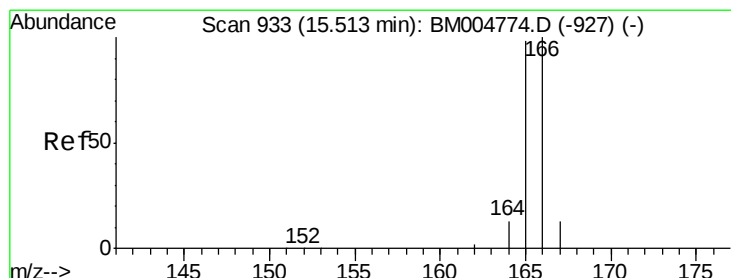
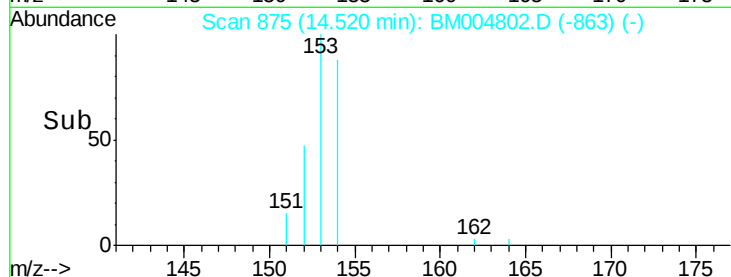
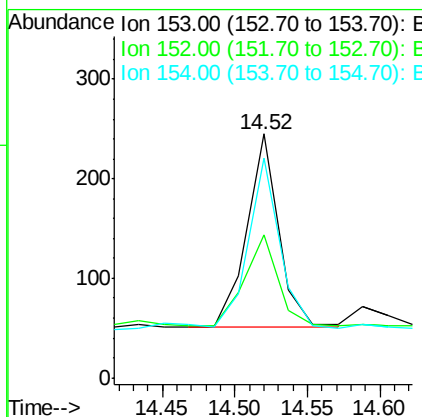
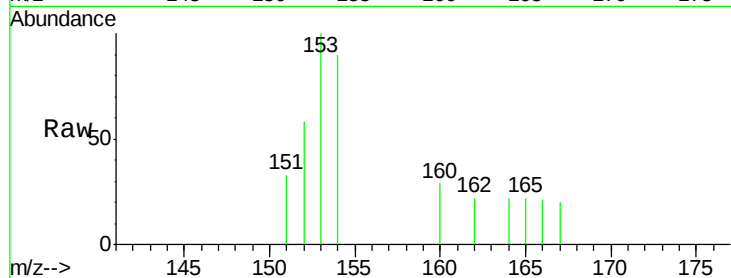
ClientSampleId :

A4T45DL

Tot Ion:	153	Resp:	297
Ion Ratio	Lower	Upper	
153	100		
152	58.4	33.9	50.9#
154	90.2	80.6	121.0#

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#11

Fluorene

Concen: 0.06 ng/ul

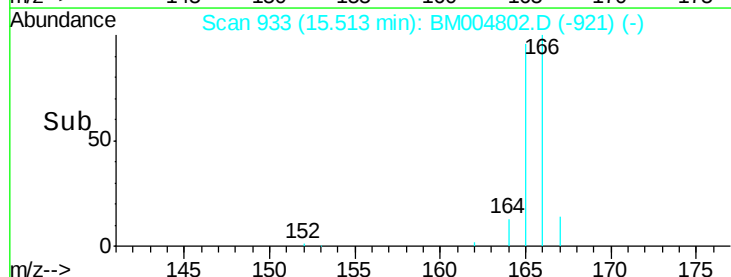
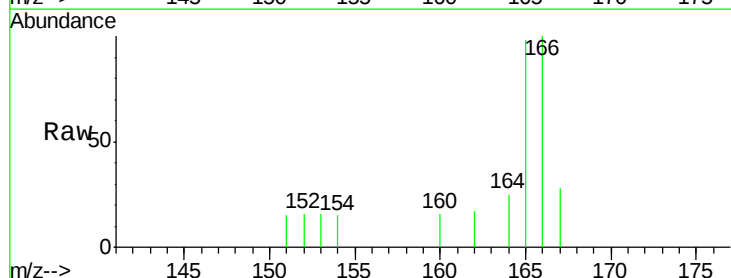
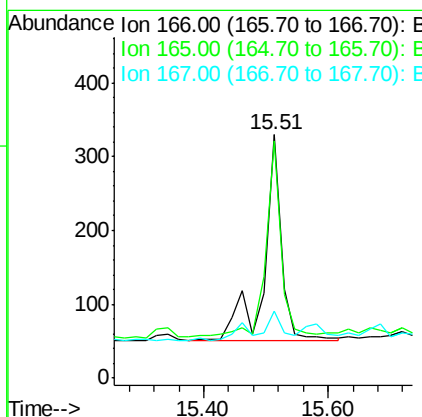
RT: 15.51 min Scan# 933

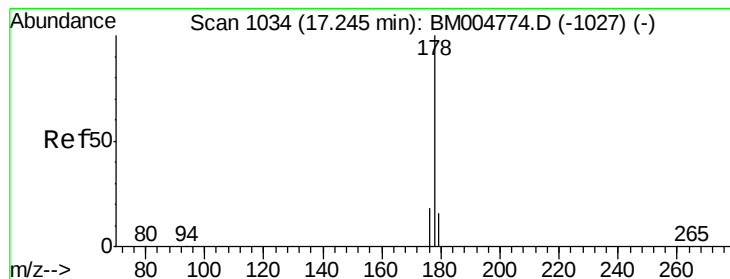
Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Tgt Ion:	166	Resp:	563
Ion Ratio	Lower	Upper	
166	100		
165	97.6	69.6	104.4
167	27.6	11.9	17.9#





#14

Phenanthrene

Concen: 0.44 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Instrument :

BNA_M

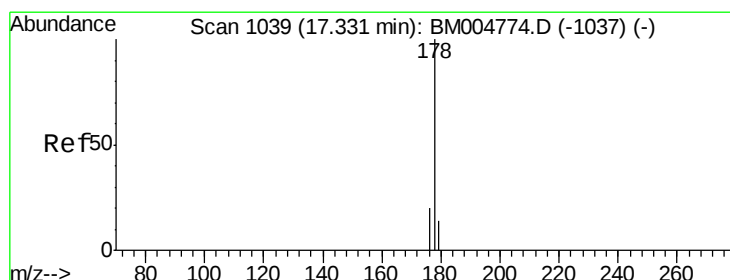
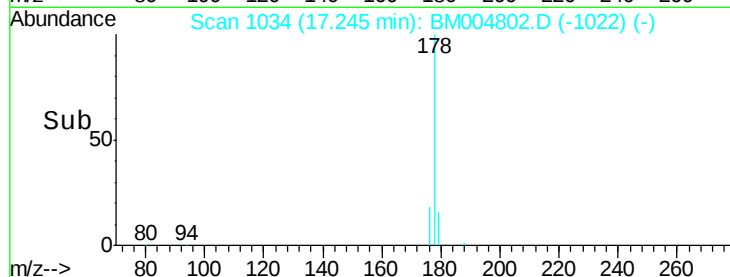
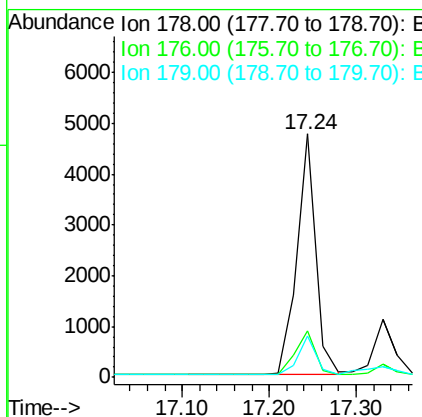
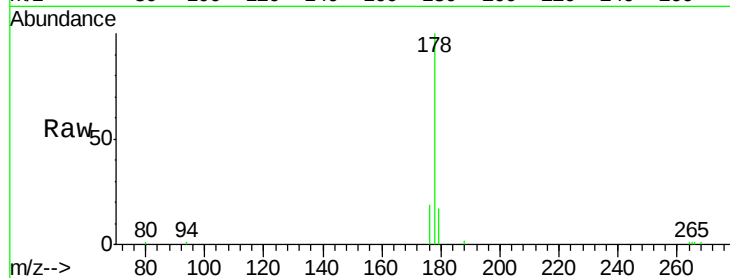
ClientSampleId :

A4T45DL

Tot Ion:	178	Resp:	7131
Ion	Ratio	Lower	Upper
178	100		
176	18.9	13.0	19.4
179	16.9	14.2	21.2

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#15

Anthracene

Concen: 0.12 ng/ul m

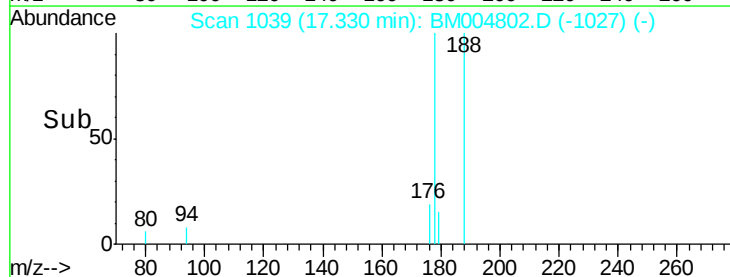
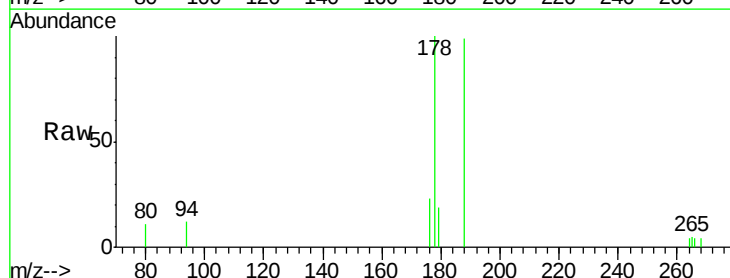
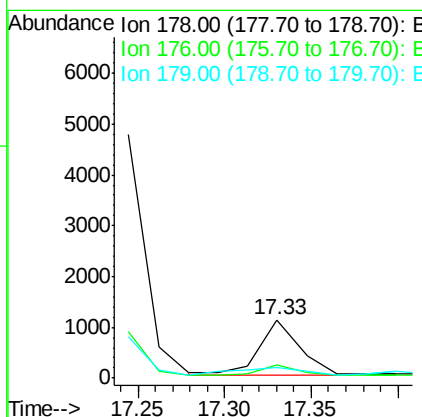
RT: 17.33 min Scan# 1039

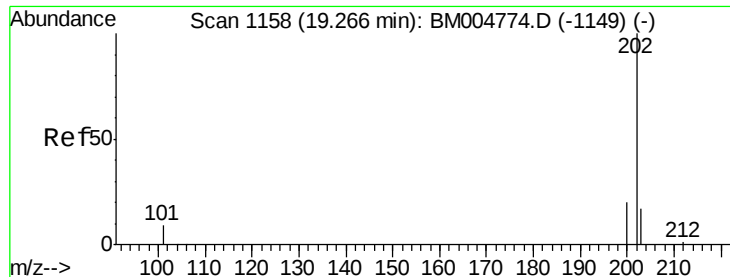
Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Tgt Ion:	178	Resp:	1773
Ion	Ratio	Lower	Upper
178	100		
176	22.9	14.0	21.0#
179	19.3	12.9	19.3





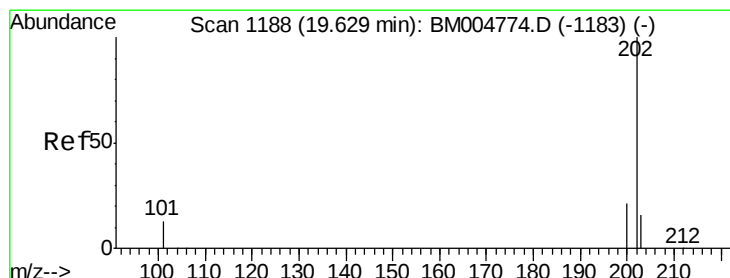
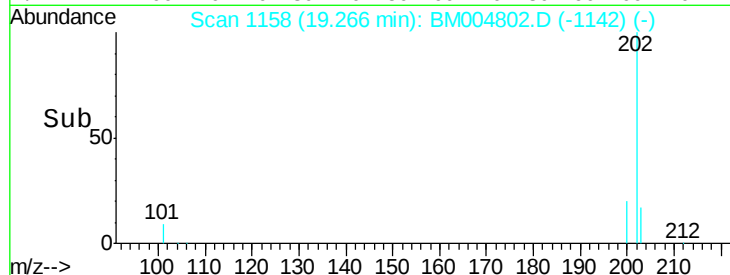
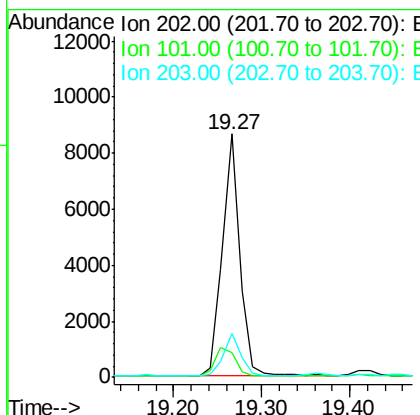
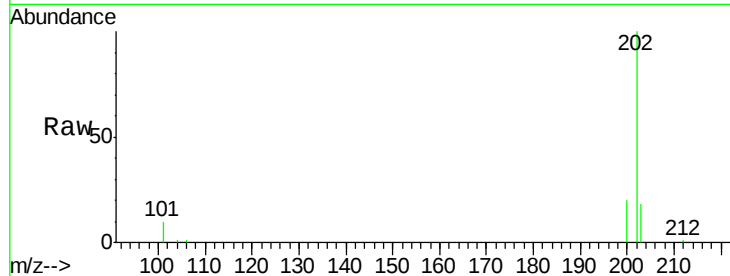
#17
Fluoranthene
 Concen: 0.64 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM004802.D
 Acq: 28 Mar 2016 12:18

Instrument :
 BNA_M
 ClientSampleId :
 A4T45DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	11837		
101	10.1		0.0	29.6
203	17.8		0.0	36.3

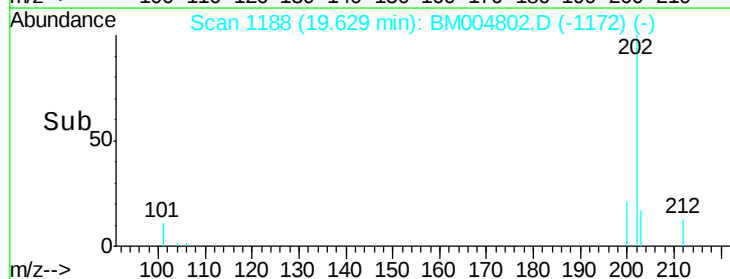
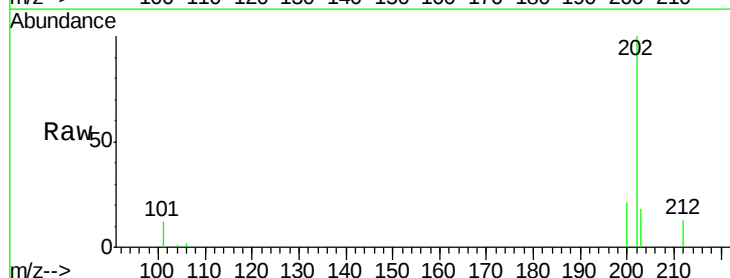
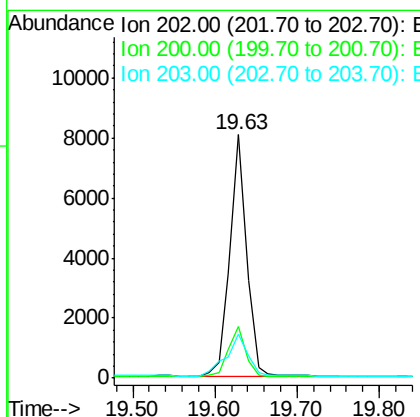
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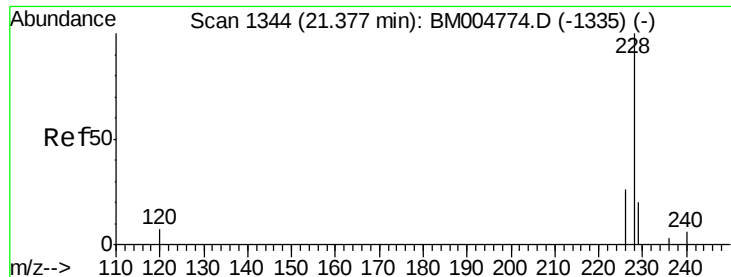
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#19
Pyrene
 Concen: 0.58 ng/ul
 RT: 19.63 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BM004802.D
 Acq: 28 Mar 2016 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11460		
200	21.1		17.8	26.8
203	18.0		12.8	19.2





#20

Benzo(a)anthracene

Concen: 0.31 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Instrument :

BNA_M

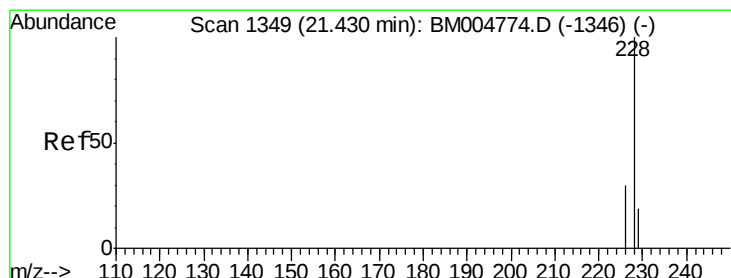
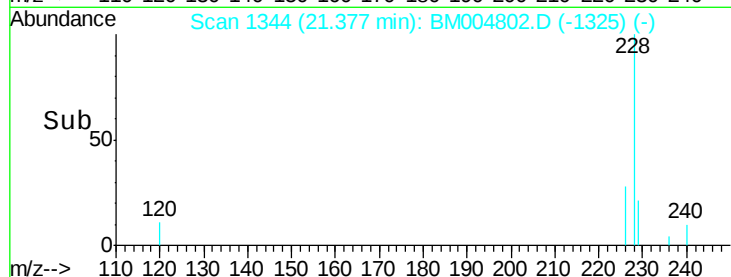
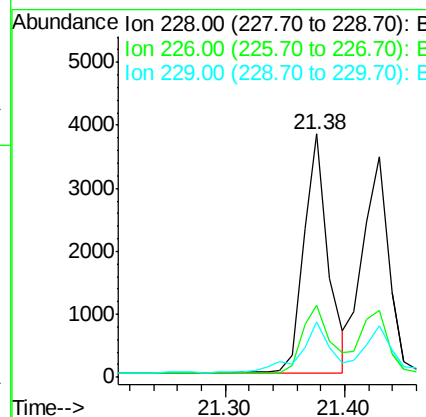
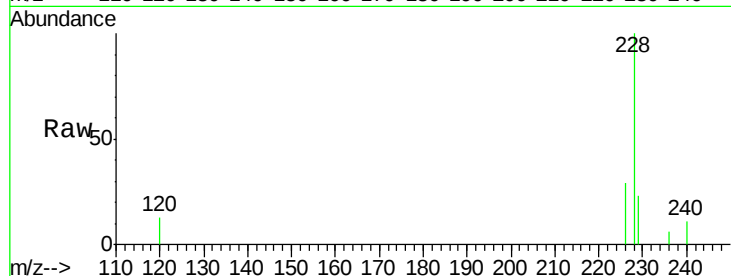
ClientSampled :

A4T45DL

Tot Ion:	228	Resp:	5431
Ion Ratio	Lower	Upper	
228	100		
226	29.4	18.8	28.2#
229	22.5	17.1	25.7

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#21

Chrysene

Concen: 0.31 ng/ul

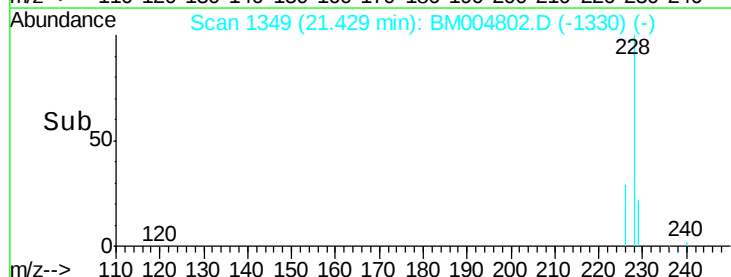
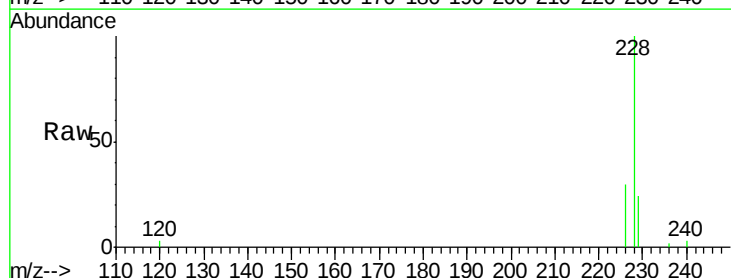
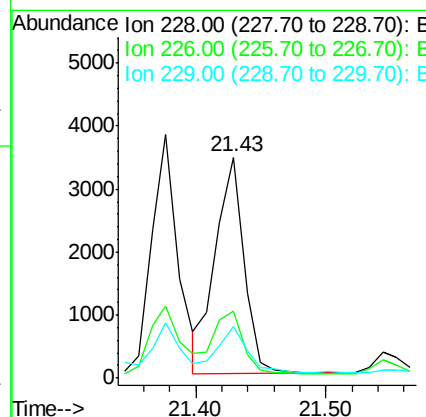
RT: 21.43 min Scan# 1349

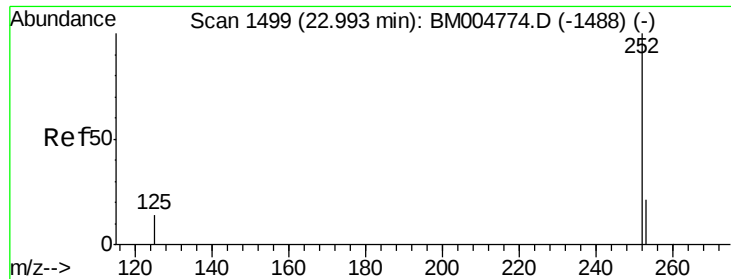
Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Tgt Ion:	228	Resp:	5230
Ion Ratio	Lower	Upper	
228	100		
226	30.1	21.2	31.8
229	23.5	17.0	25.6





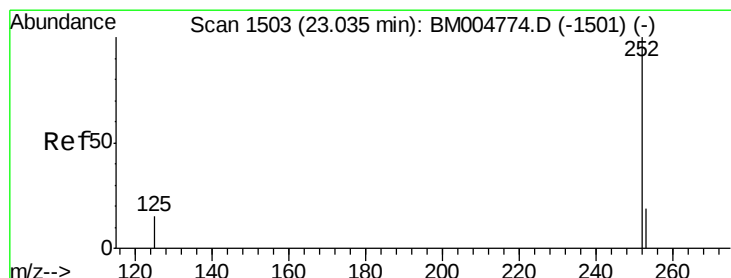
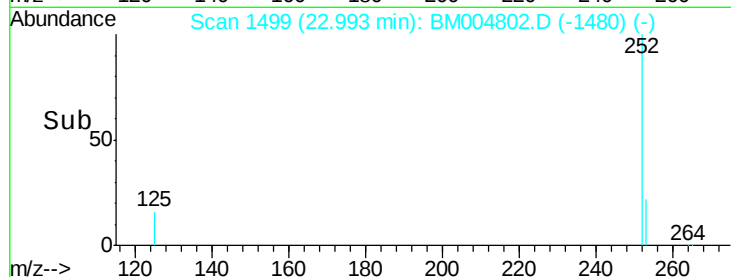
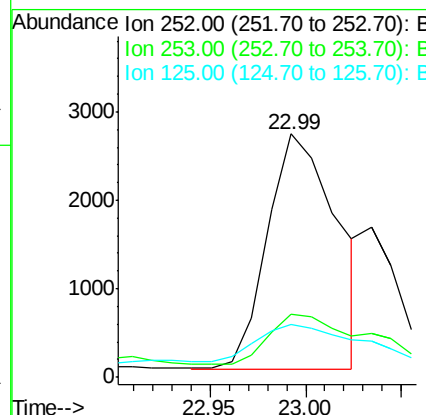
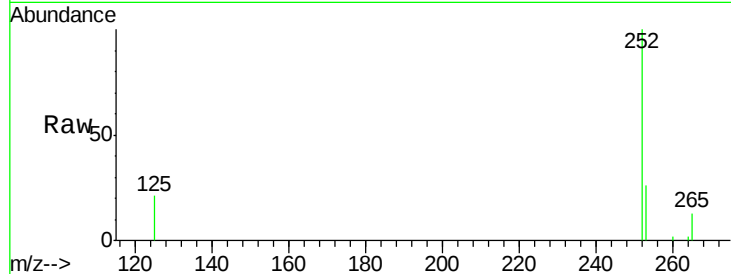
#23
Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM004802.D
Acq: 28 Mar 2016 12:18

Instrument :
BNA_M
ClientSampleId :
A4T45DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	45.4
125	21.4	0.0	28.8

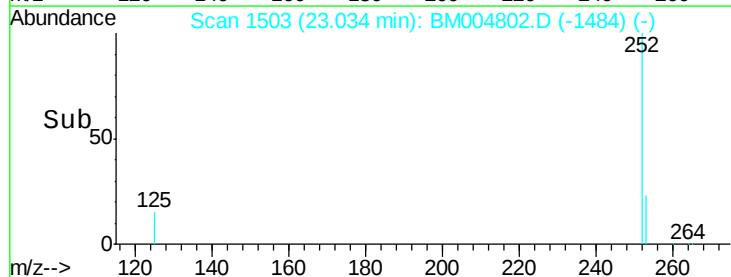
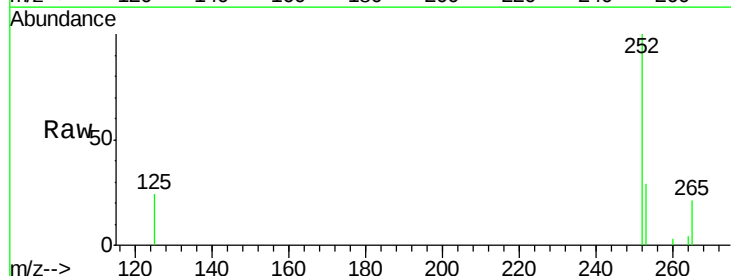
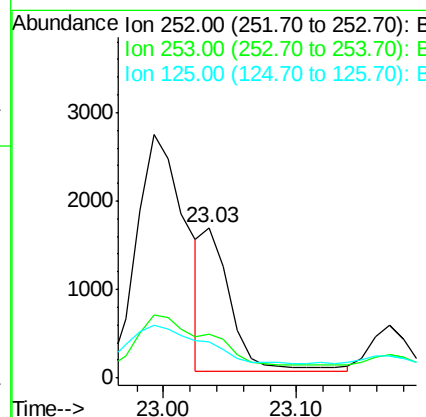
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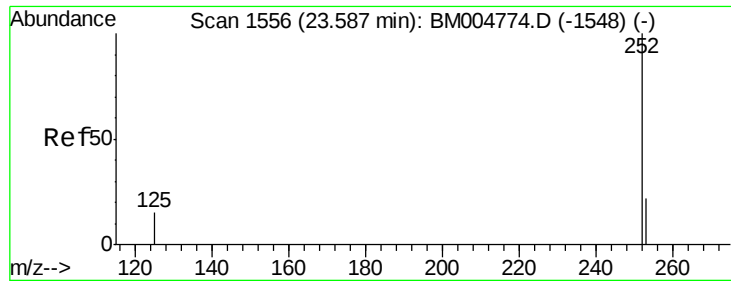
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#24
Benzo(k)fluoranthene
Concen: 0.14 ng/ul m
RT: 23.03 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BM004802.D
Acq: 28 Mar 2016 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.8	29.8
125	23.8	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.28 ng/ul

RT: 23.59 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BM004802.D

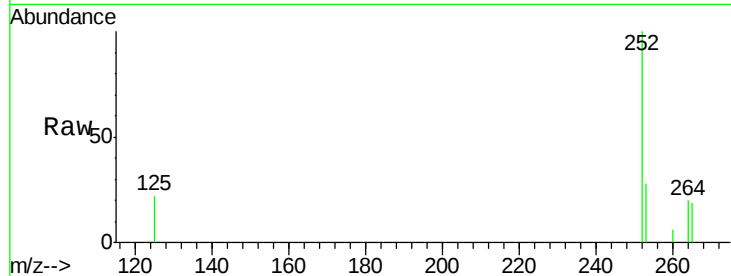
Acq: 28 Mar 2016 12:18

Instrument :

BNA_M

ClientSampleId :

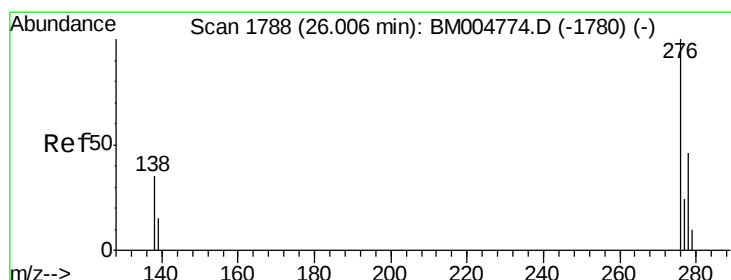
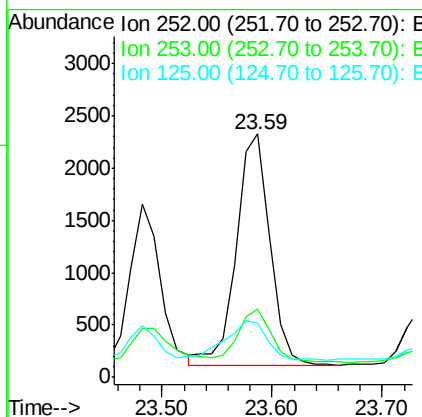
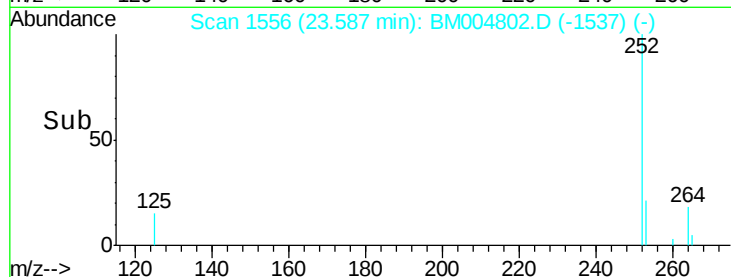
A4T45DL



Tot Ion:	252	Resp:	4656
Ion Ratio	Lower	Upper	
252	100		
253	28.0	19.4	29.2
125	22.1	12.7	19.1#

Manual Integrations
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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul

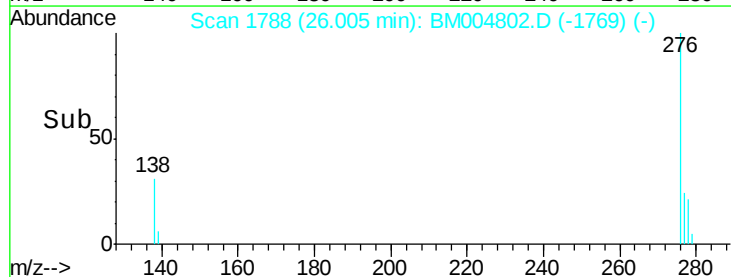
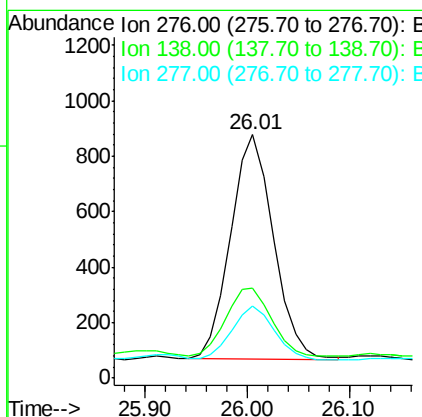
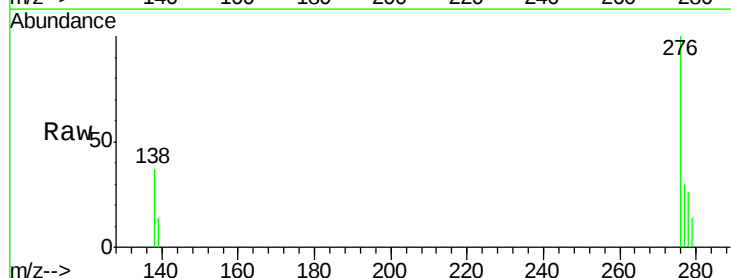
RT: 26.01 min Scan# 1788

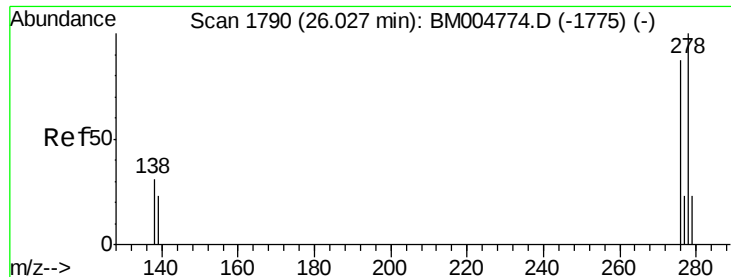
Delta R.T. -0.00 min

Lab File: BM004802.D

Acq: 28 Mar 2016 12:18

Tgt Ion:	276	Resp:	2349
Ion Ratio	Lower	Upper	
276	100		
138	32.2	16.3	24.5#
277	23.7	19.8	29.8





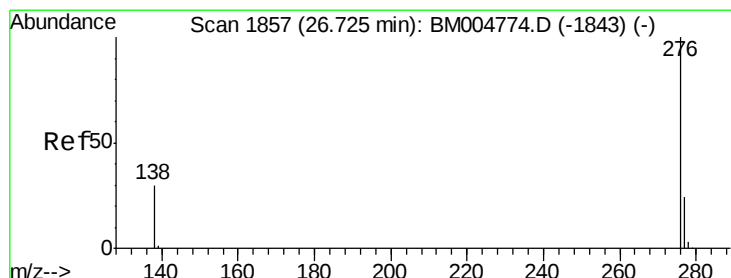
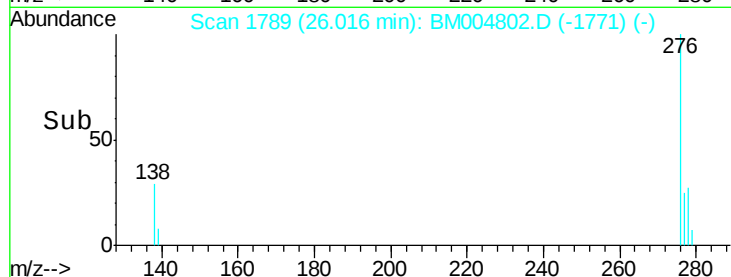
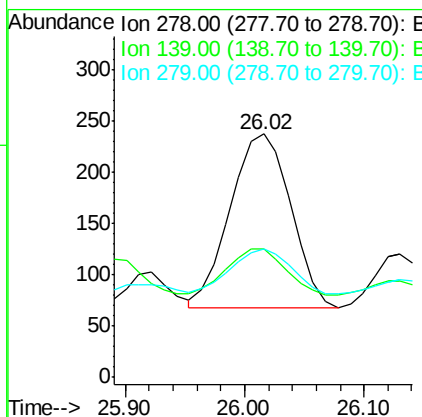
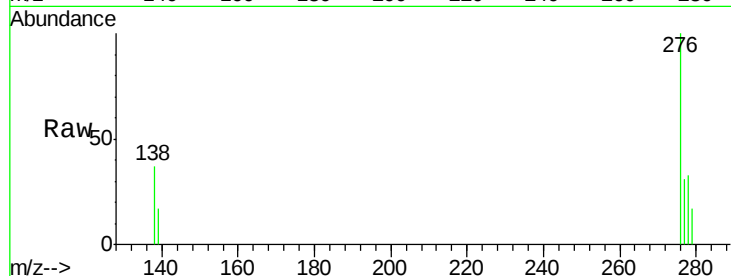
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004802.D
Acq: 28 Mar 2016 12:18

Instrument :
BNA_M
ClientSampled :
A4T45DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	52.9	16.4	24.6#
279	52.5	20.2	30.2#

Manual Integrations
APPROVED

UMANGI
4/6/2016 2:53:29 PM



#28
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul
RT: 26.72 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM004802.D
Acq: 28 Mar 2016 12:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.7	18.9	28.3#
138	38.6	22.5	33.7#

