

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004785.D
 Acq On : 25 Mar 2016 19:42
 Operator : UM/SJ
 Sample : H1909-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:51 PM

Quant Time: Apr 05 19:22:39 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	1171	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5600	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3457	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	7800m	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	7717	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6580m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4195	7.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.20	152	1955	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4748	0.26	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	3116	0.23	ng/ul#	93
7) 2-Methylnaphthalene	12.28	142	823	0.08	ng/ul	99
9) Acenaphthylene	14.18	152	2216	0.14	ng/ul#	95
10) Acenaphthene	14.52	153	1853	0.16	ng/ul	87
11) Fluorene	15.51	166	3514	0.26	ng/ul#	89
14) Phenanthrene	17.24	178	48065	2.19	ng/ul	96
15) Anthracene	17.33	178	11307	0.55	ng/ul	97
17) Fluoranthene	19.27	202	83624m	3.35	ng/ul	
19) Pyrene	19.63	202	72449	2.74	ng/ul	97
20) Benzo(a)anthracene	21.38	228	39990	1.69	ng/ul	94
21) Chrysene	21.43	228	35032	1.53	ng/ul	96
23) Benzo(b)fluoranthene	22.99	252	42727m	1.93	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	19128m	0.93	ng/ul	
25) Benzo(a)pyrene	23.59	252	32380m	1.60	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.99	276	17461m	0.93	ng/ul	
27) Dibenzo(a,h)anthracene	26.01	278	4470m	0.30	ng/ul	
28) Benzo(g,h,i)perylene	26.71	276	14924m	0.96	ng/ul	

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

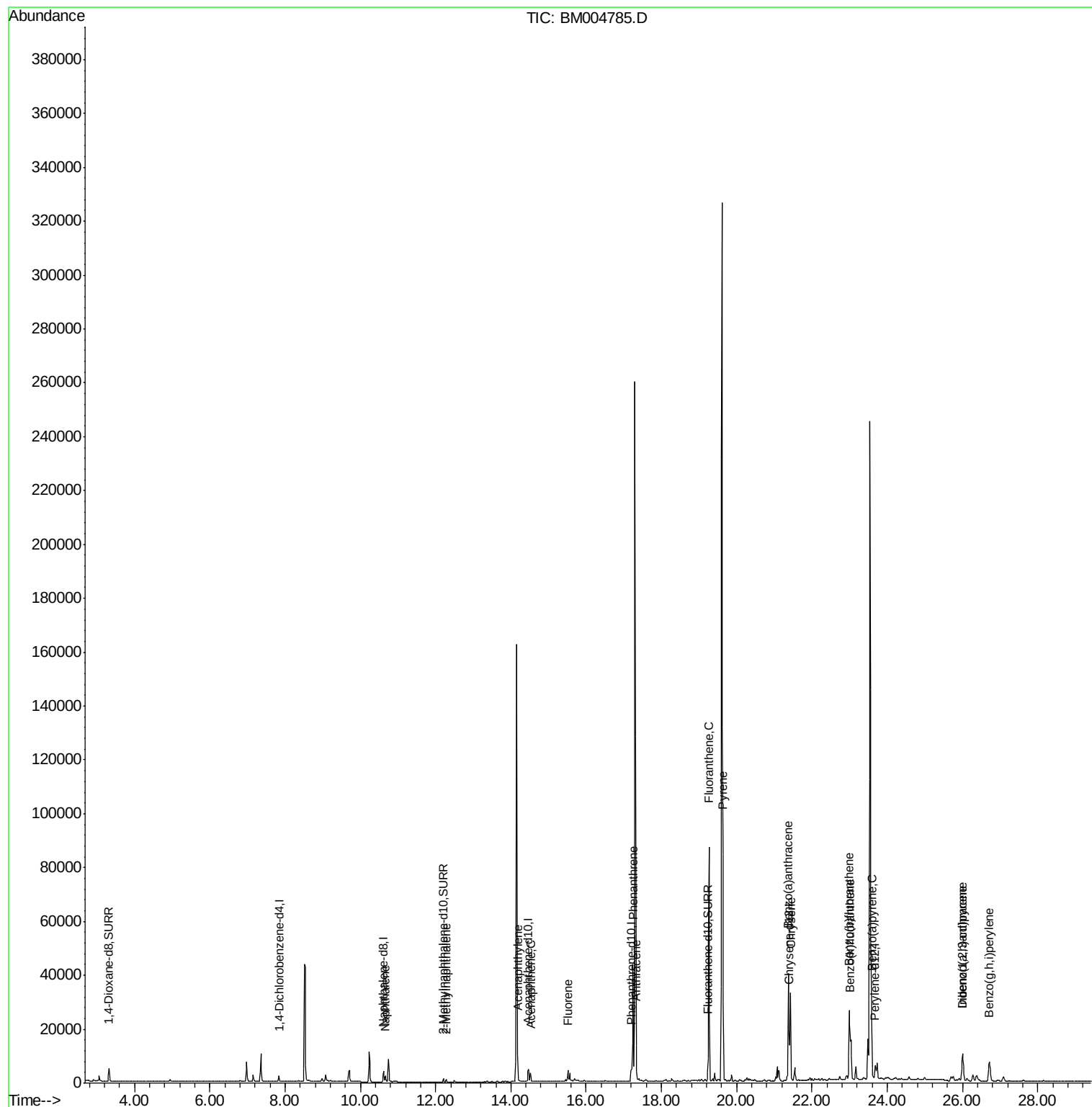
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
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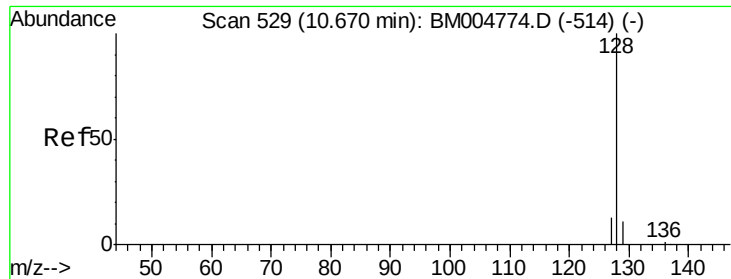
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
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#5

Naphthalene

Concen: 0.23 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Instrument :

BNA_M

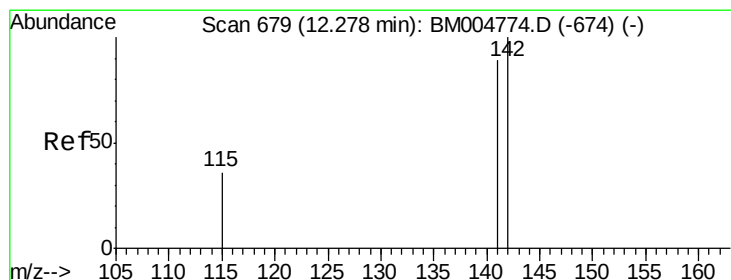
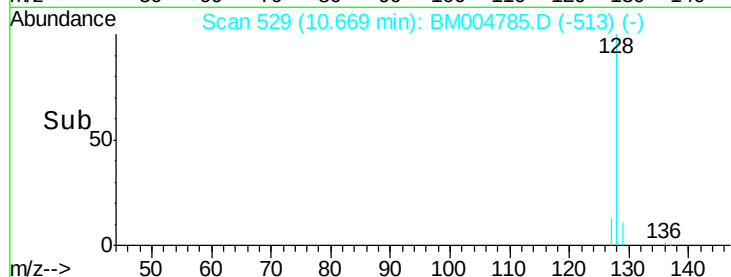
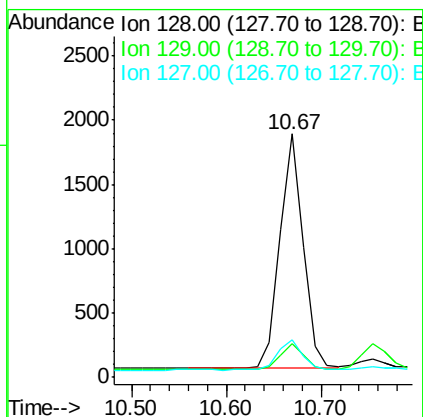
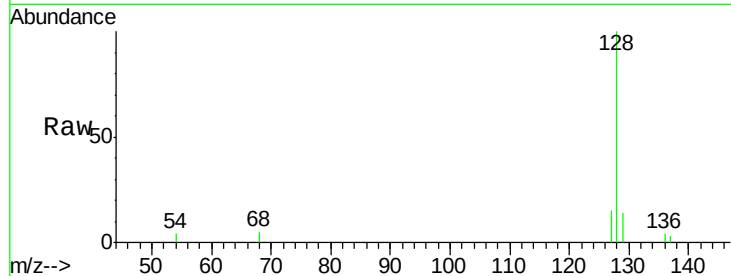
ClientSampleId :

A4T45

Tot Ion:	128	Resp:	3116
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.0	13.6#
127	15.3	9.6	14.4#

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#7

2-Methylnaphthalene

Concen: 0.08 ng/ul

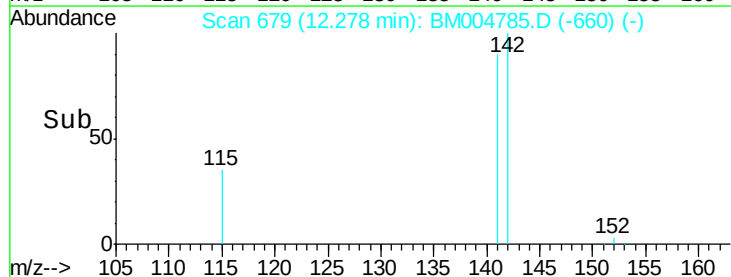
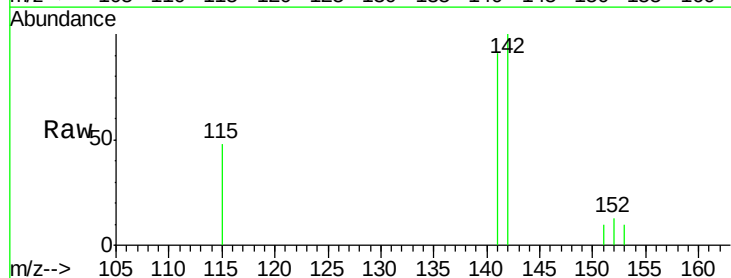
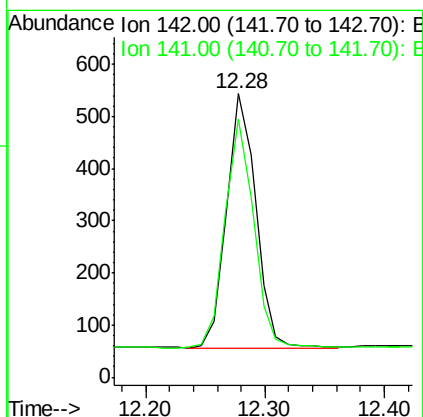
RT: 12.28 min Scan# 679

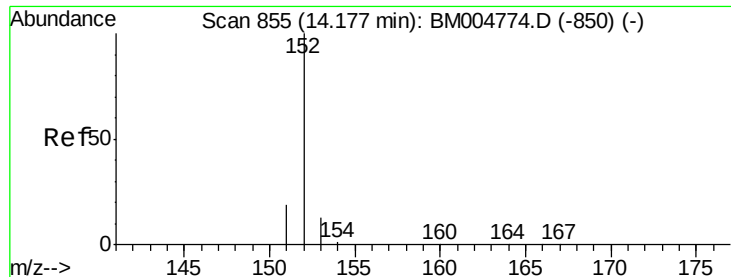
Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Tgt Ion:	142	Resp:	823
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.3	105.5





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Instrument :

BNA_M

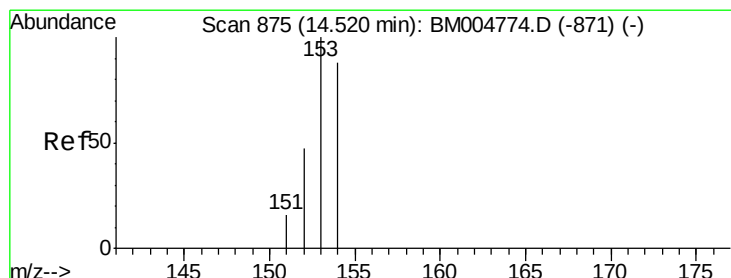
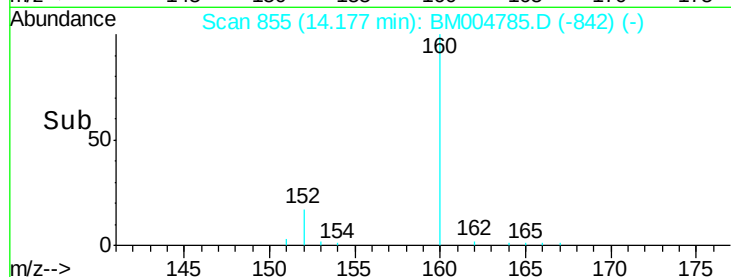
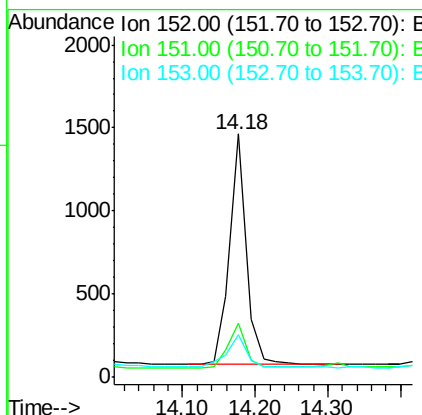
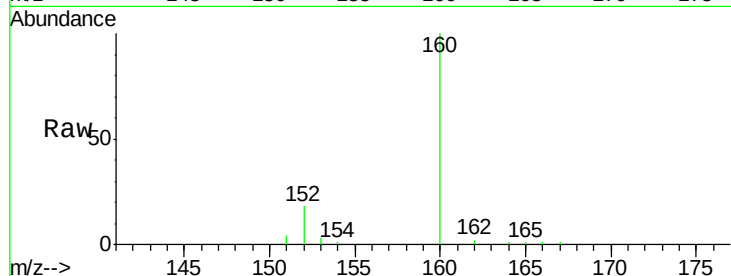
ClientSampleId :

A4T45

Tot Ion:	152	Resp:	2216
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.6	26.4
153	17.4	9.7	14.5#

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#10

Acenaphthene

Concen: 0.16 ng/ul

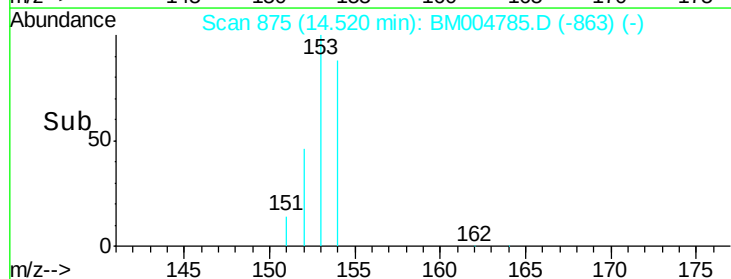
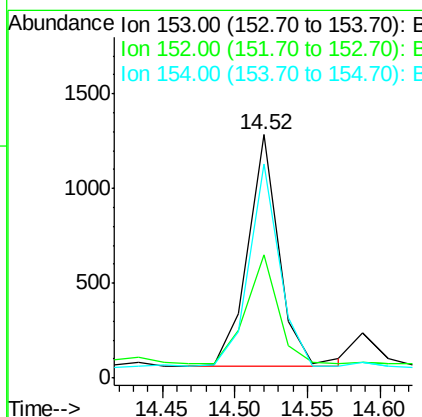
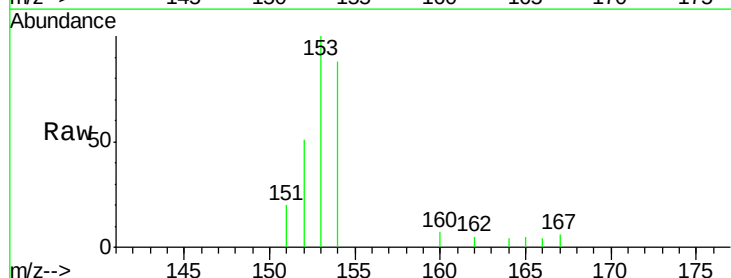
RT: 14.52 min Scan# 875

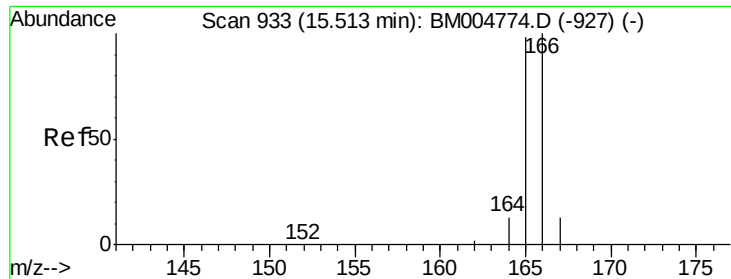
Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Tgt Ion:	153	Resp:	1853
Ion Ratio	Lower	Upper	
153	100		
152	50.5	33.9	50.9
154	88.0	80.6	121.0





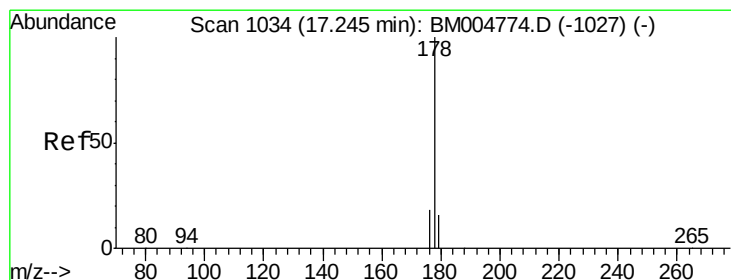
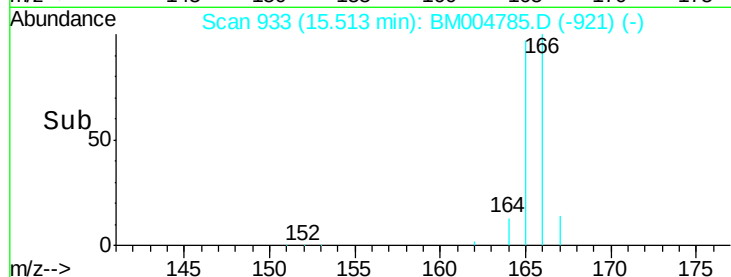
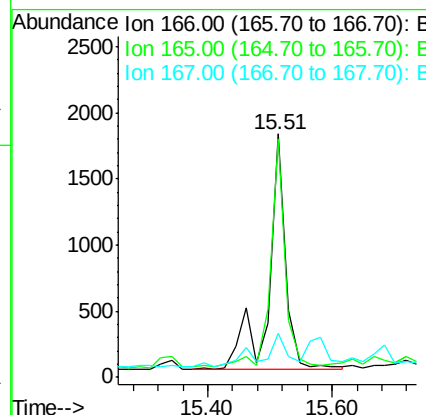
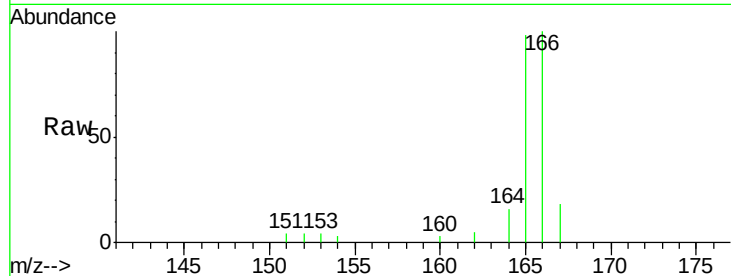
#11
Fluorene
 Concen: 0.26 ng/ul
 RT: 15.51 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM004785.D
 Acq: 25 Mar 2016 19:42

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		3514		
165	97.8	69.6	104.4		
167	18.1	11.9	17.9#		

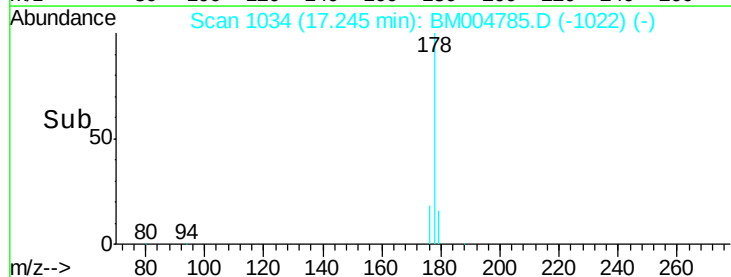
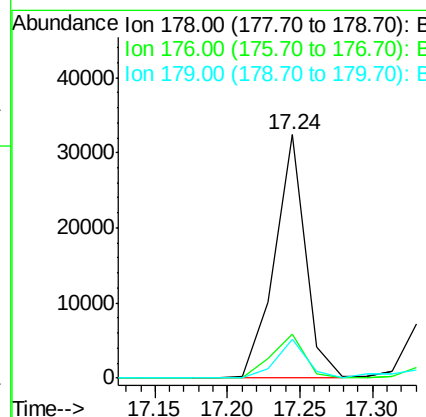
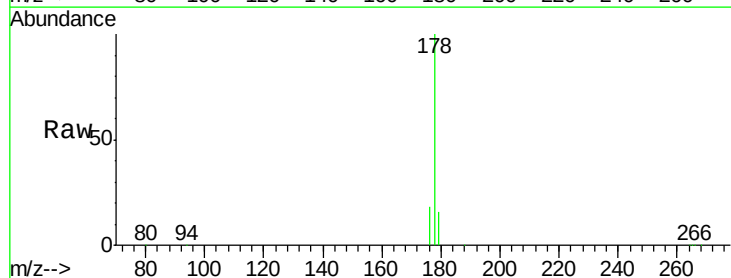
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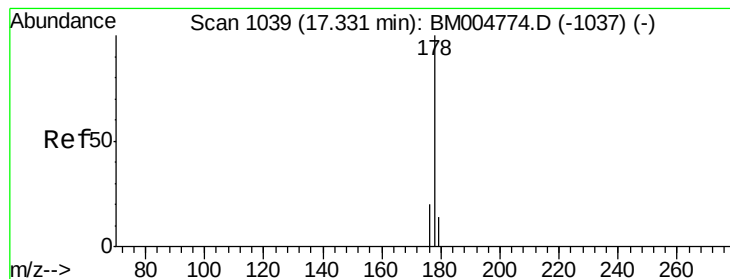
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#14
Phenanthrene
 Concen: 2.19 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BM004785.D
 Acq: 25 Mar 2016 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		48065		
176	18.3	13.0	19.4		
179	16.1	14.2	21.2		





#15

Anthracene

Concen: 0.55 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Instrument :

BNA_M

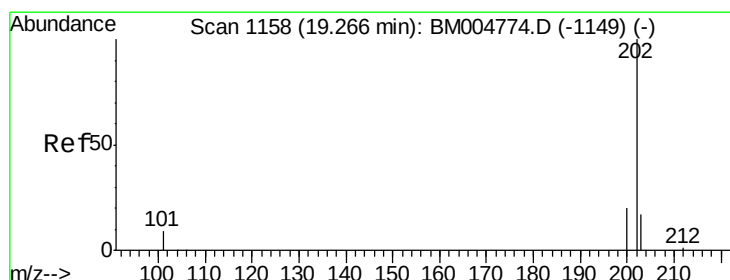
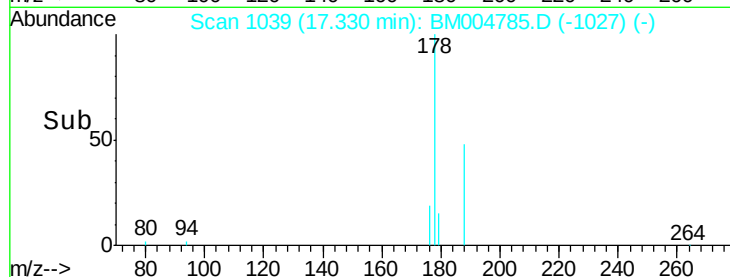
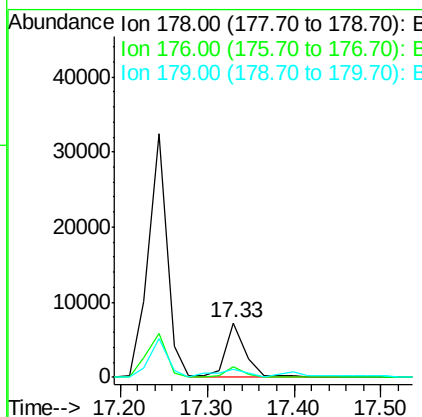
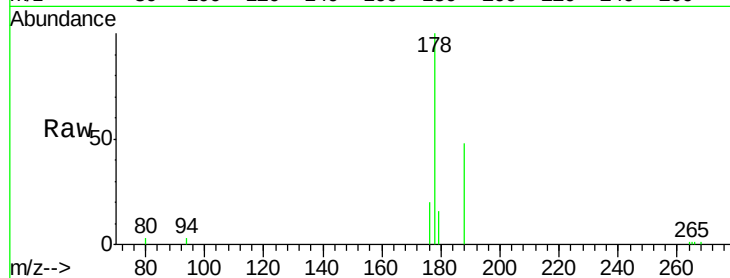
ClientSampleId :

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Tot Ion:	178	Resp:	11307
Ion Ratio	Lower	Upper	
178	100		
176	20.0	14.0	21.0
179	15.7	12.9	19.3

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#17

Fluoranthene

Concen: 3.35 ng/ul m

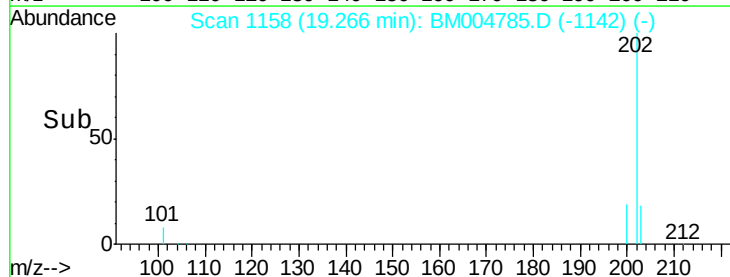
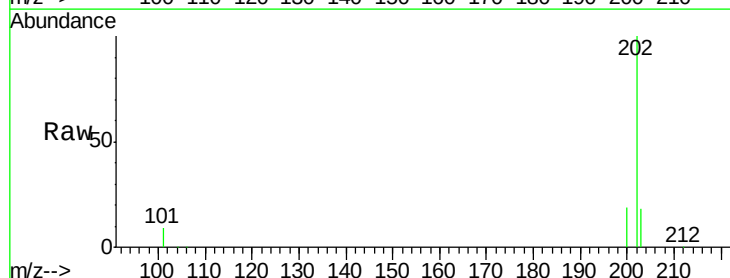
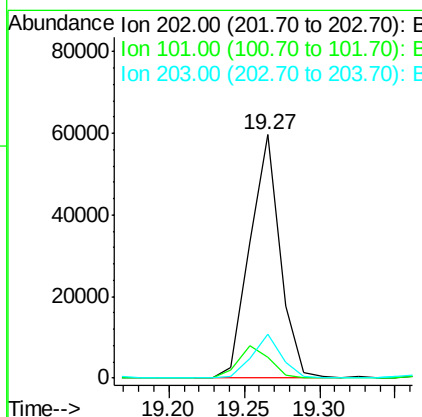
RT: 19.27 min Scan# 1158

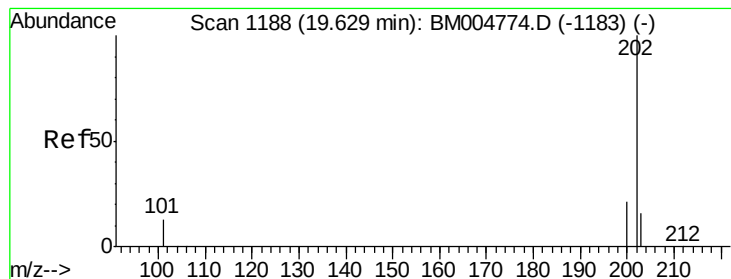
Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Tgt Ion:	202	Resp:	83624
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.6
203	18.2	0.0	36.3





#19

Pvrene

Concen: 2.74 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Instrument :

BNA_M

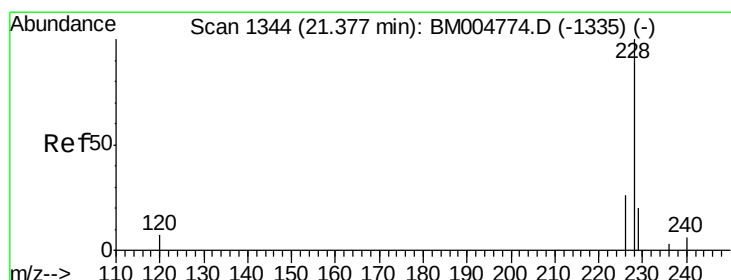
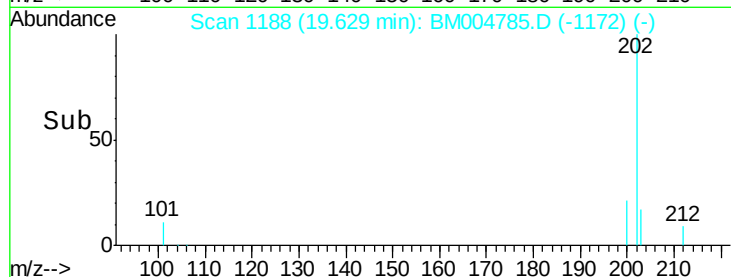
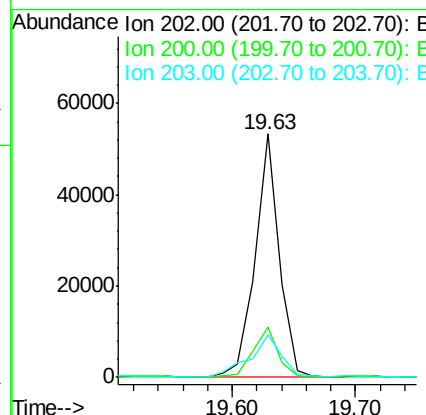
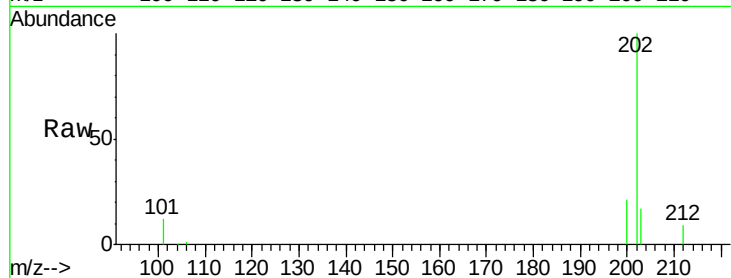
ClientSampleId :

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Tot Ion:	202	Resp:	72449
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.8
203	17.3	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 1.69 ng/ul

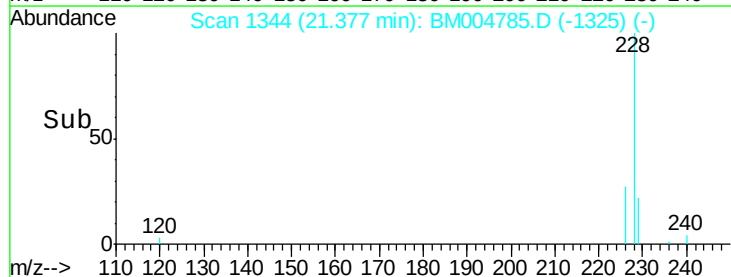
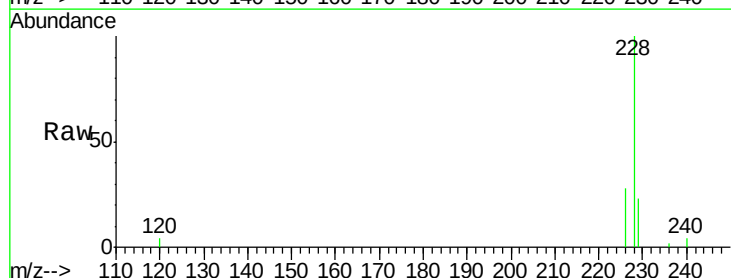
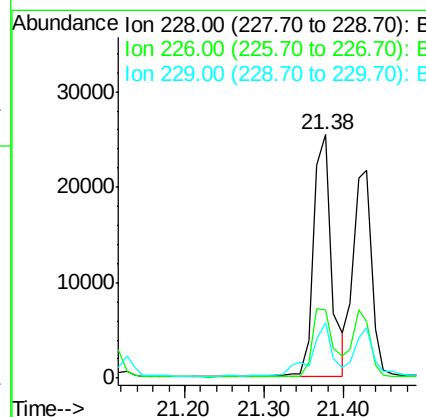
RT: 21.38 min Scan# 1344

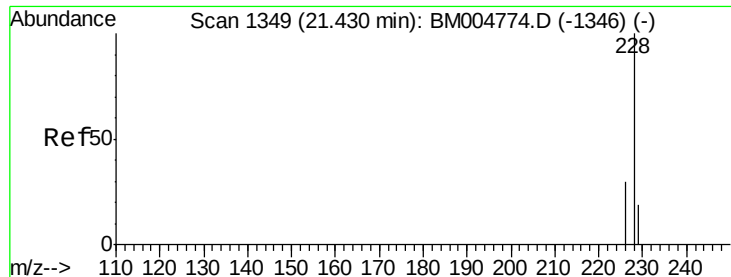
Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Tgt Ion:	228	Resp:	39990
Ion Ratio	Lower	Upper	
228	100		
226	28.0	18.8	28.2
229	22.8	17.1	25.7





#21

Chrysene

Concen: 1.53 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Instrument :

BNA_M

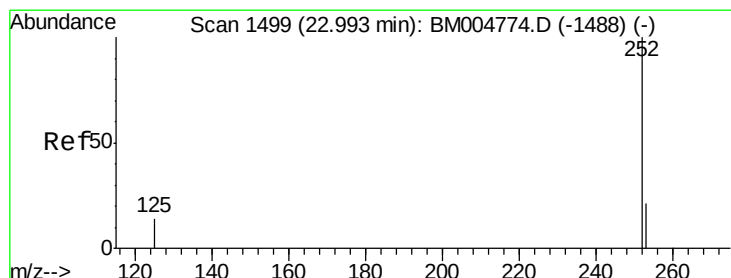
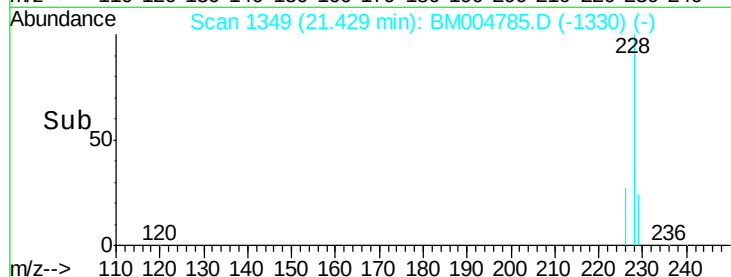
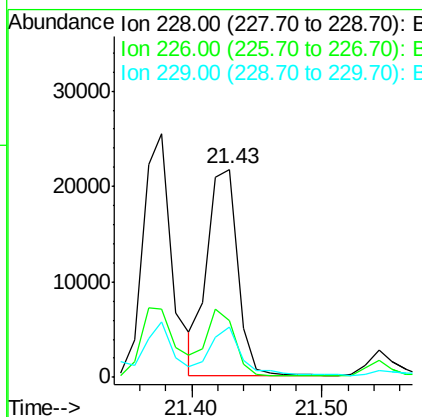
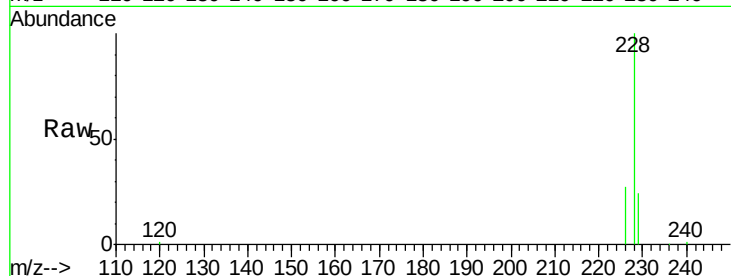
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Tot Ion:	228	Resp:	35032
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.2	31.8
229	24.3	17.0	25.6

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#23

Benzo(b)fluoranthene

Concen: 1.93 ng/ul m

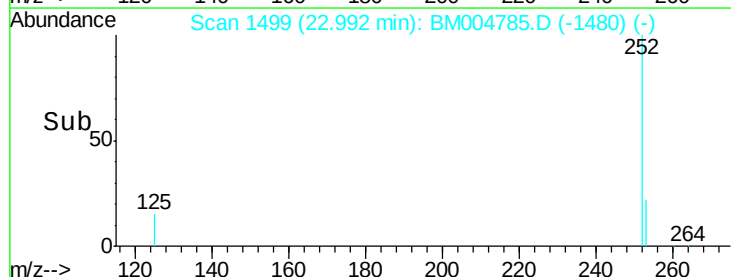
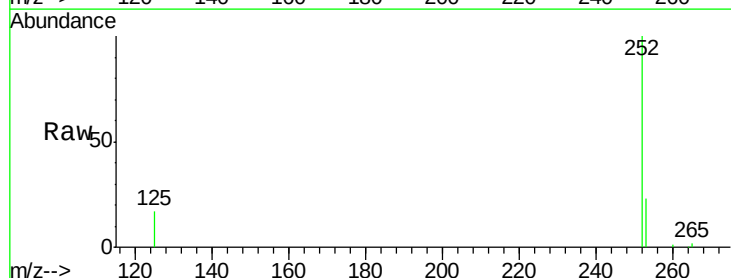
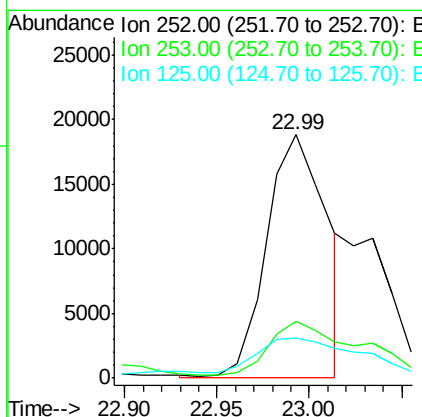
RT: 22.99 min Scan# 1499

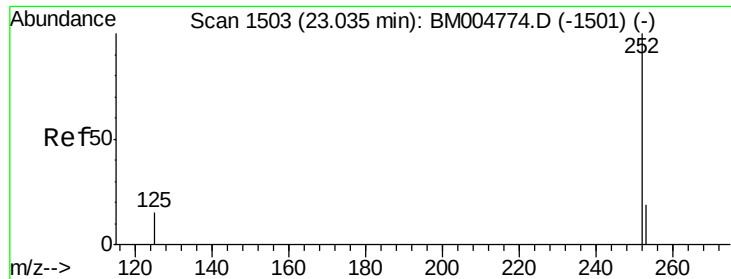
Delta R.T. -0.00 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Tgt Ion:	252	Resp:	42727
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	45.4
125	16.7	0.0	28.8





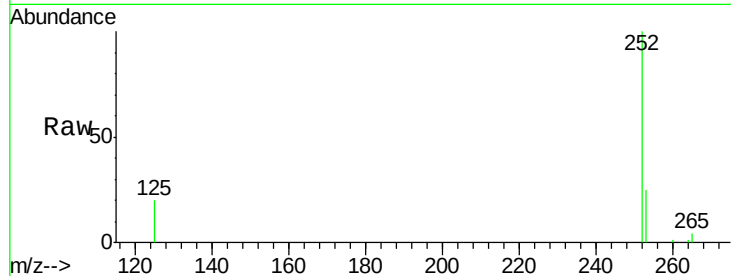
#24
Benzo(k)fluoranthene
Concen: 0.93 ng/ul m
RT: 23.01 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BM004785.D
Acq: 25 Mar 2016 19:42

Instrument :
BNA_M
ClientSampleId :
A4T45

Tot Ion	Ratio	Resp	Lower	Upper
252	100	19128		
253	25.2	19.8	19.8	29.8
125	20.4	10.4	10.4	15.6

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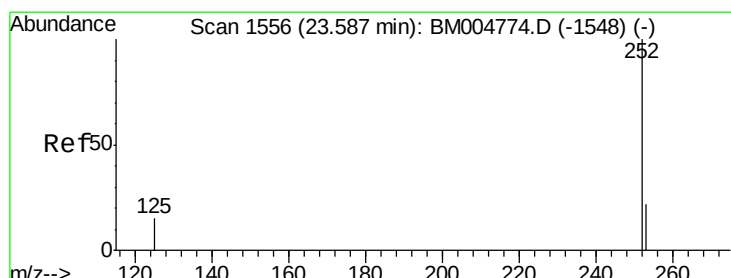
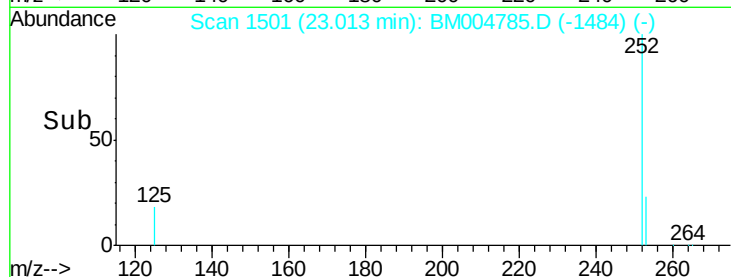
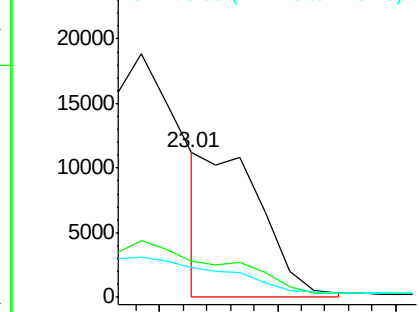


Abundance

Ion 252.00 (251.70 to 252.70): E

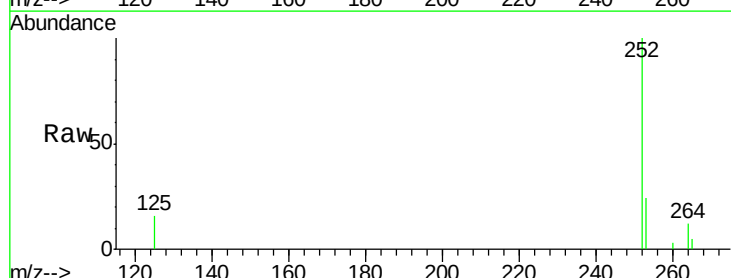
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25
Benzo(a)pyrene
Concen: 1.60 ng/ul m
RT: 23.59 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BM004785.D
Acq: 25 Mar 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	32380		
253	24.3	19.4	19.4	29.2
125	16.4	12.7	12.7	19.1

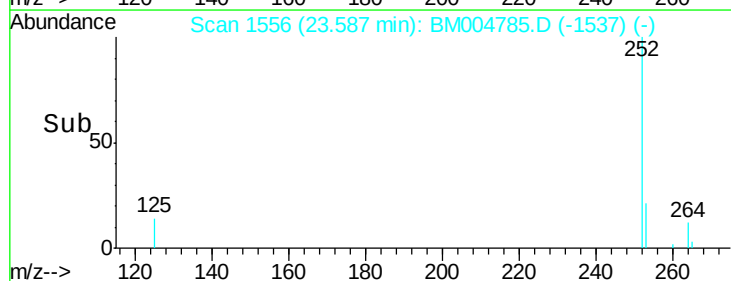
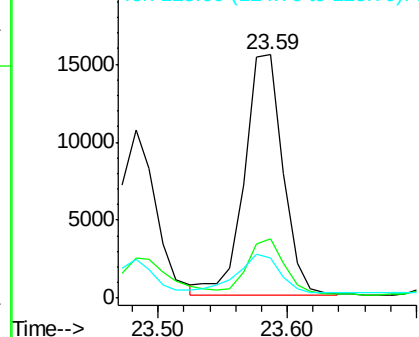


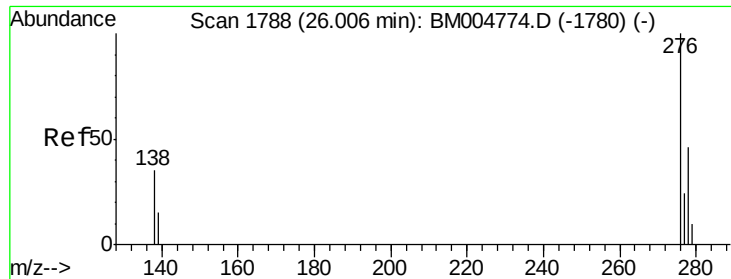
Abundance

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





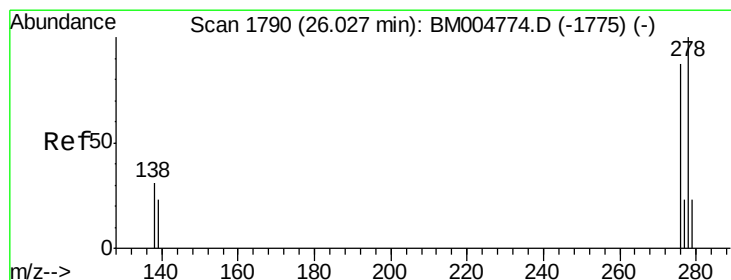
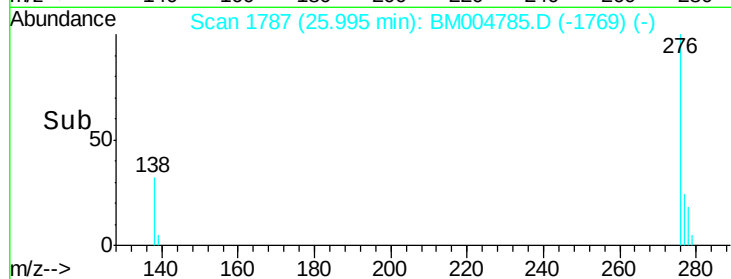
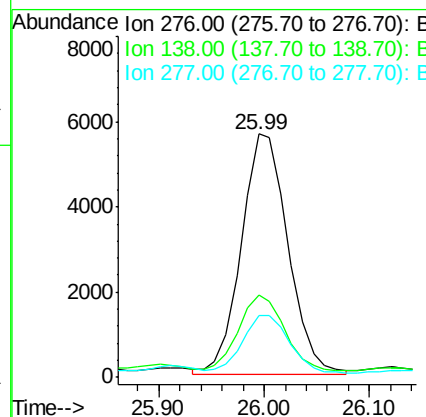
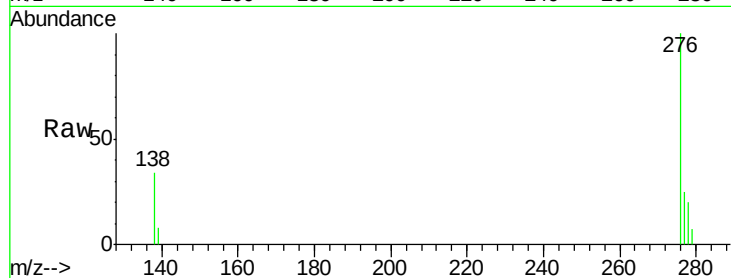
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng/ul m
RT: 25.99 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BM004785.D
Acq: 25 Mar 2016 19:42

Instrument :
BNA_M
ClientSampleId :
A4T45

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.8	16.3	24.5#
277	3.1	19.8	29.8#

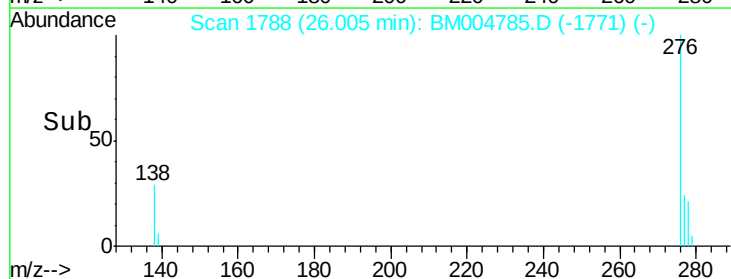
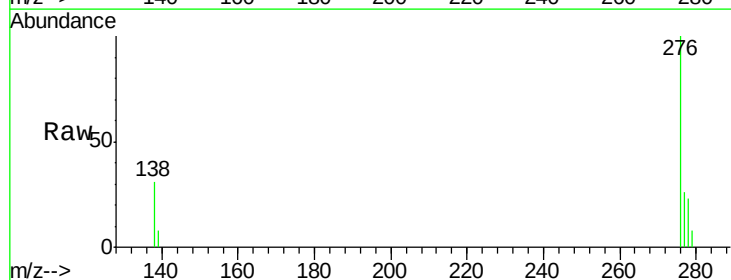
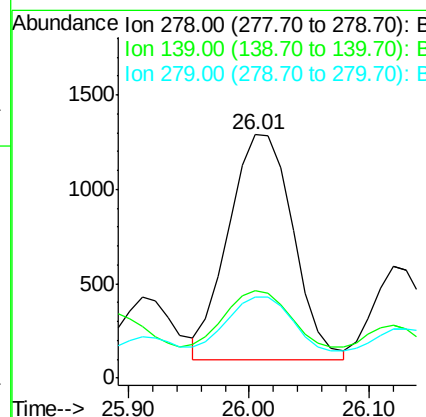
Manual Integrations
APPROVED

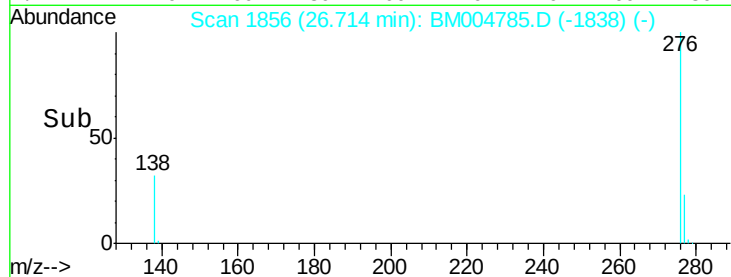
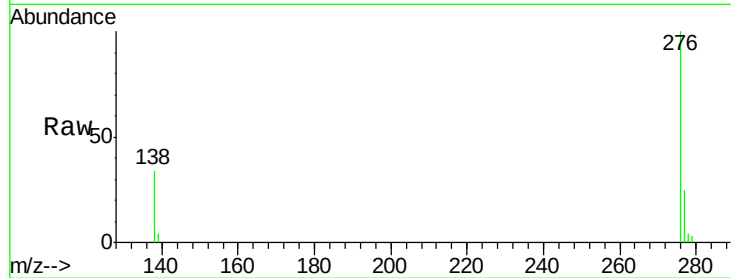
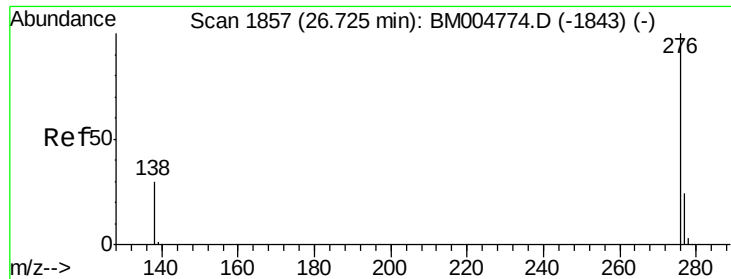
Sohil
4/6/2016 1:28:51 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.30 ng/ul m
RT: 26.01 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM004785.D
Acq: 25 Mar 2016 19:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.8	16.4	24.6#
279	33.2	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.96 ng/ul m

RT: 26.71 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM004785.D

Acq: 25 Mar 2016 19:42

Instrument :

BNA_M

ClientSampleId :

A4T45

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	33.9	22.5	33.7

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:51 PM

