

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004761.D
 Acq On : 24 Mar 2016 22:01
 Operator : UM/SJ
 Sample : H1909-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T43

Manual Integrations
 APPROVED

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Quant Time: Mar 25 02:42:11 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1508	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	6116	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3219	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6669m	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	6044	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	4611m	5.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	7689	10.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2250	0.32	ng/ul	-0.01
16) Fluoranthene-d10	19.24	212	4753	0.35	ng/ul	0.00
Target Compounds				Ovalue		
14) Phenanthrene	17.25	178	1984m	0.11	ng/ul	
17) Fluoranthene	19.27	202	5319	0.28	ng/ul	95
19) Pyrene	19.63	202	5763	0.27	ng/ul#	96
20) Benzo(a)anthracene	21.38	228	2582	0.18	ng/ul#	89
21) Chrysene	21.43	228	2740m	0.14	ng/ul	
23) Benzo(b)fluoranthene	22.99	252	3955m	0.24	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	1266m	0.08	ng/ul	
25) Benzo(a)pyrene	23.59	252	2616m	0.19	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	1486m	0.10	ng/ul	
28) Benzo(g,h,i)perylene	26.72	276	1459m	0.10	ng/ul	

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

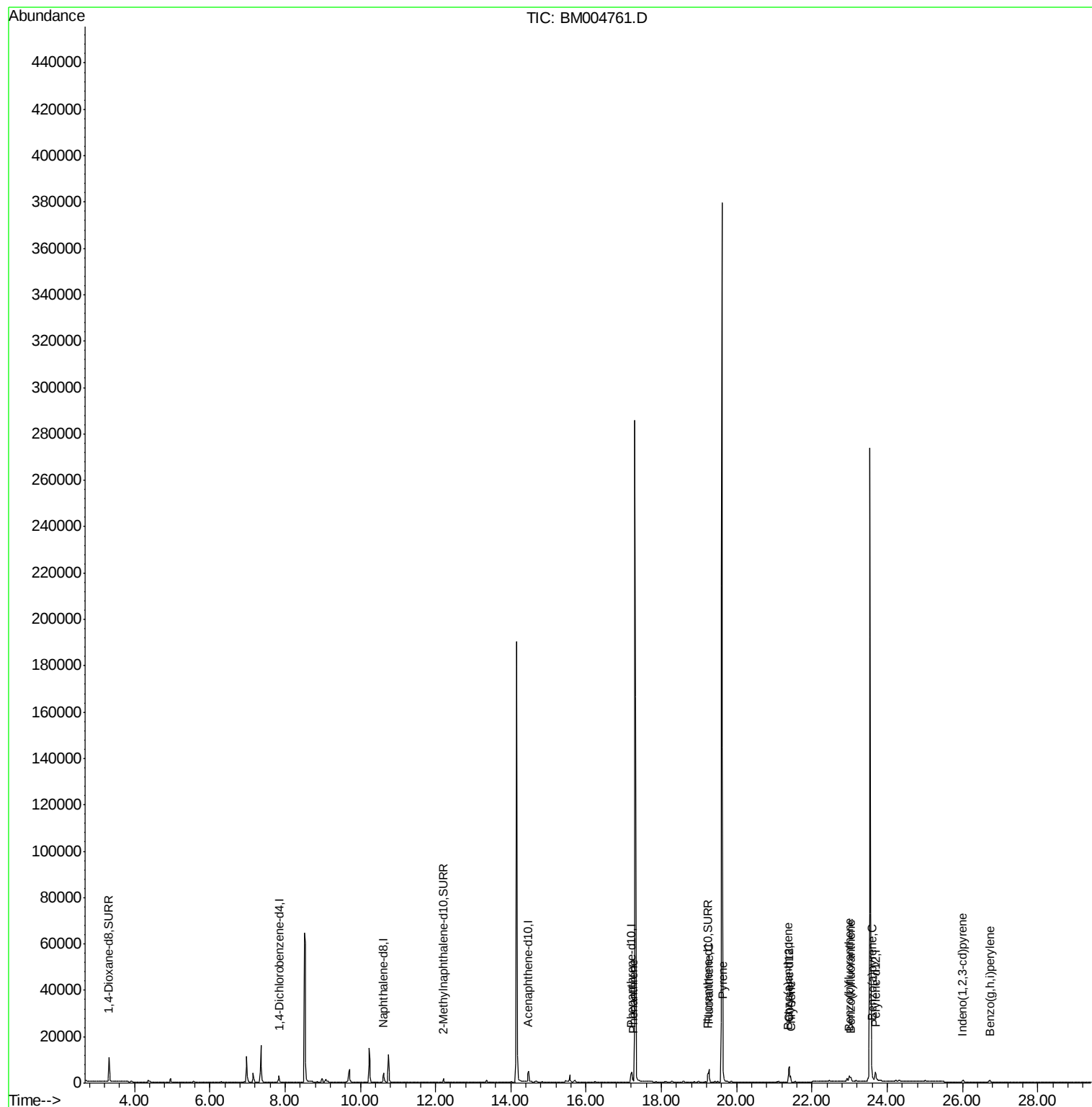
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
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ALS Vial : 12 Sample Multiplier: 1

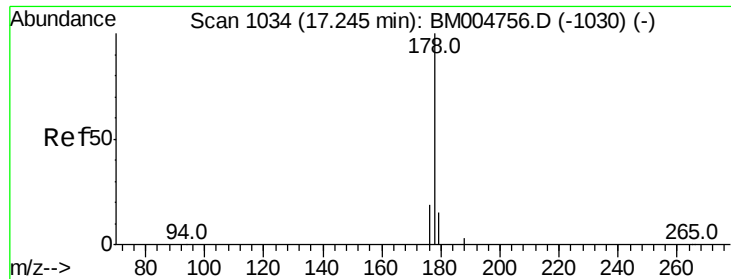
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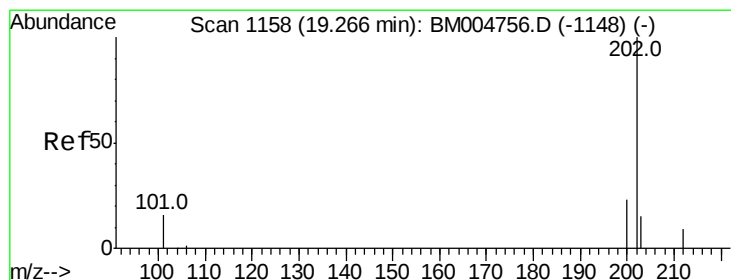
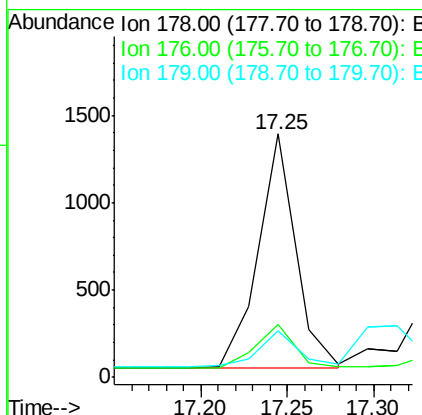
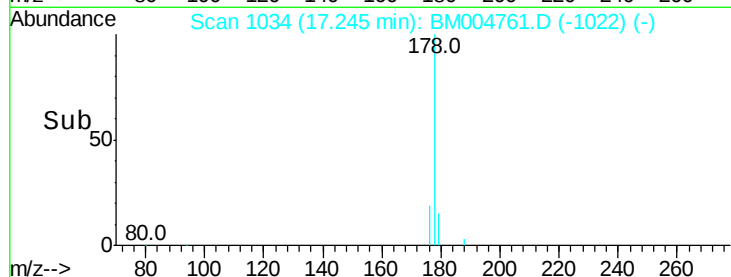
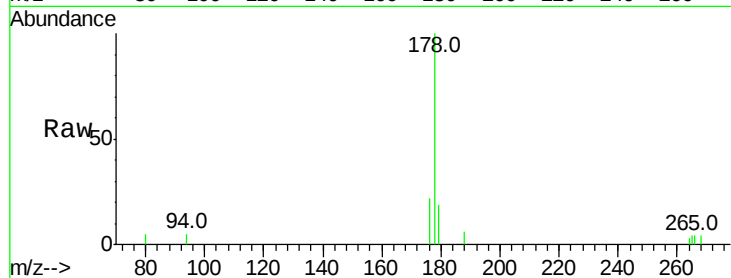
#14
Phenanthrene
Concen: 0.11 ng/ul m
RT: 17.25 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BM004761.D
Acq: 24 Mar 2016 22:01

Instrument :
BNA_M
ClientSampleId :
A4T43

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.9	13.0	19.4#
179	19.0	14.2	21.2

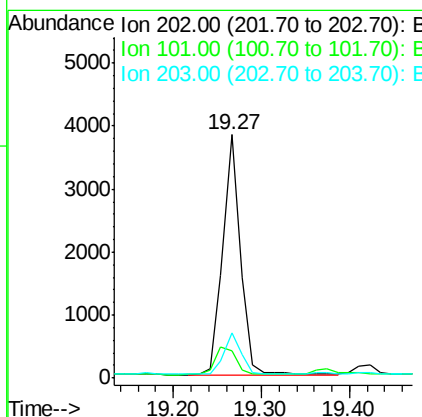
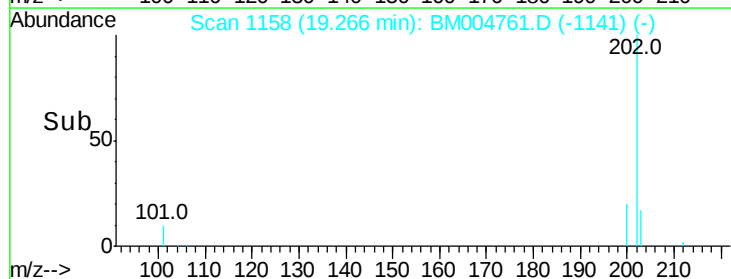
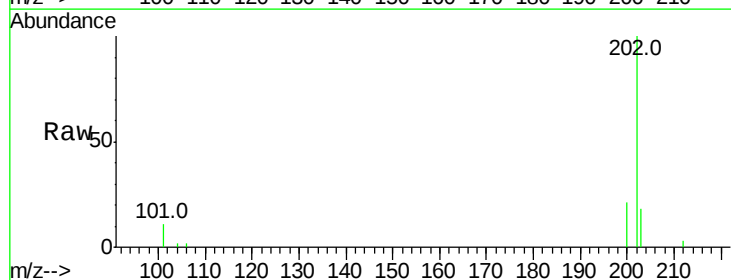
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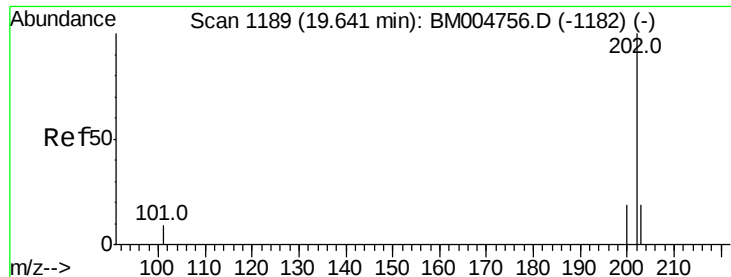
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#17
Fluoranthene
Concen: 0.28 ng/ul
RT: 19.27 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BM004761.D
Acq: 24 Mar 2016 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	29.6
203	18.3	0.0	36.3





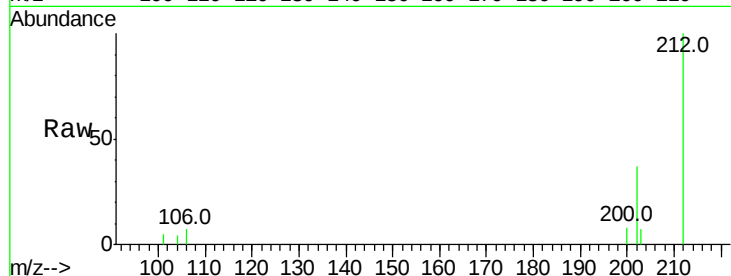
#19
Pvrene
Concen: 0.27 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004761.D
Acq: 24 Mar 2016 22:01

Instrument :
BNA_M
ClientSampleId :
A4T43

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	19.5	12.8	19.2

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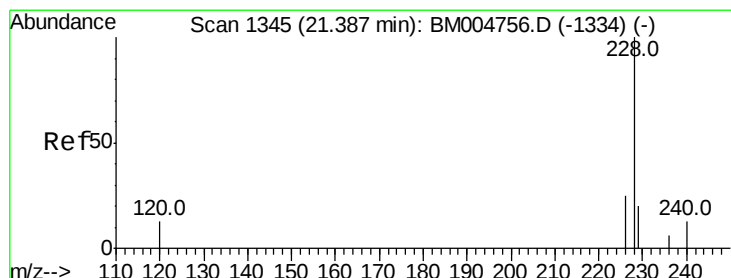
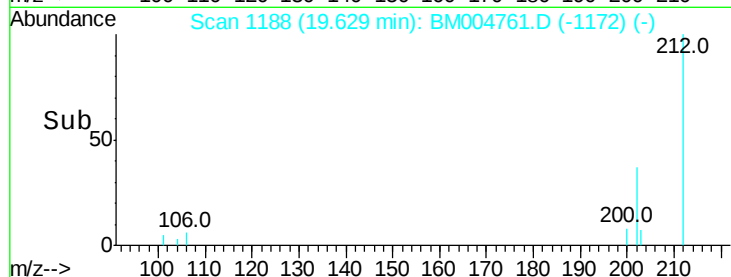
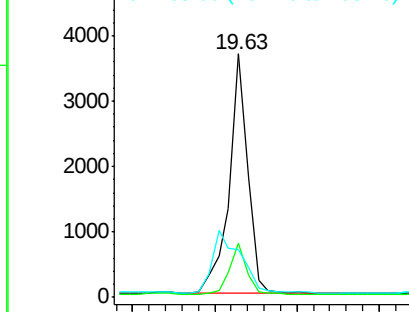


Abundance

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: 0.18 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004761.D
Acq: 24 Mar 2016 22:01

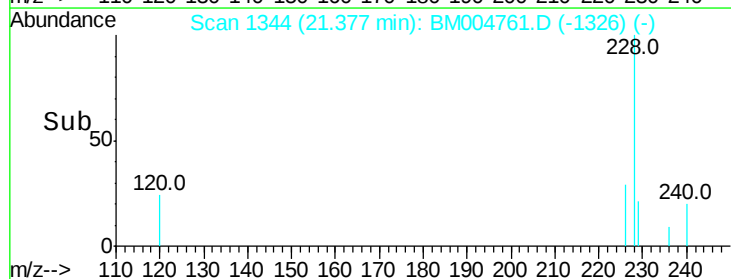
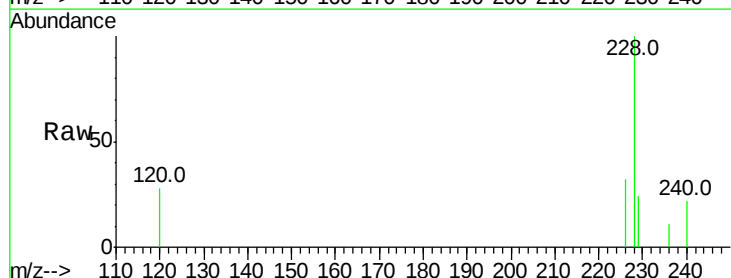
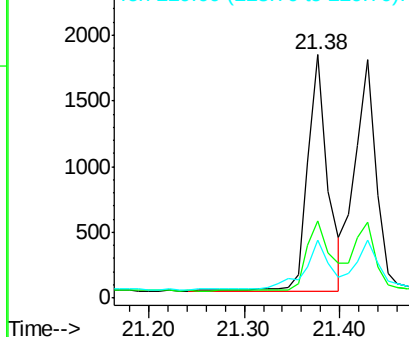
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	18.8	28.2
229	23.9	17.1	25.7

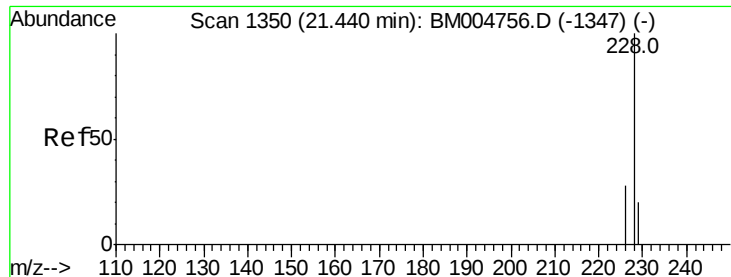
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.14 ng/ul m

RT: 21.43 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BM004761.D

Acq: 24 Mar 2016 22:01

Instrument :

BNA_M

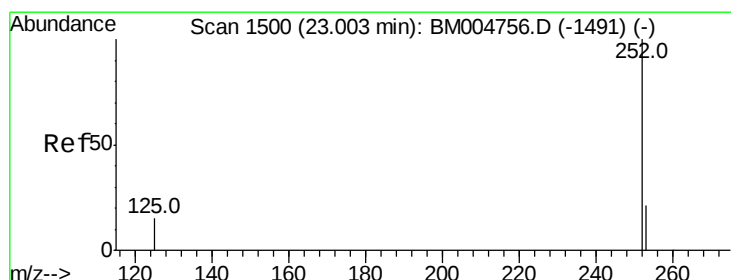
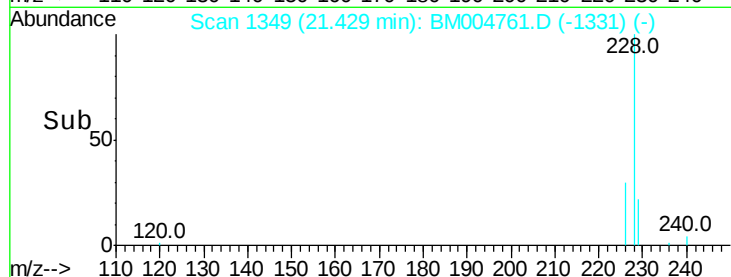
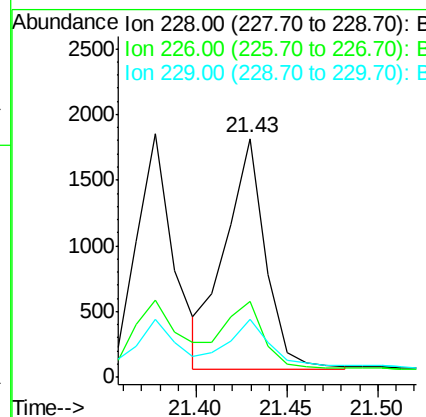
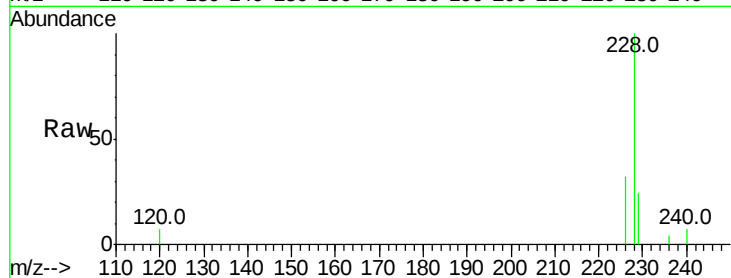
ClientSampleId :

A4T43

Tot Ion:	228	Resp:	2740
Ion Ratio	Lower	Upper	
228	100		
226	32.0	21.2	31.8#
229	24.5	17.0	25.6

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#23

Benzo(b)fluoranthene

Concen: 0.24 ng/ul m

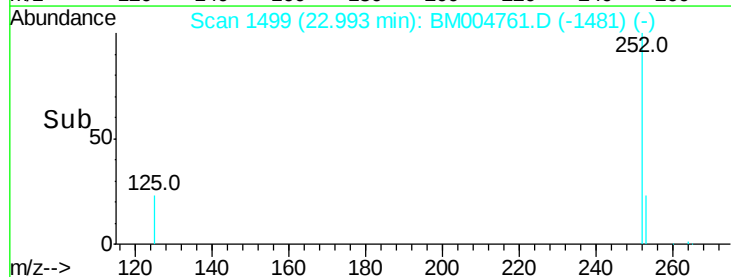
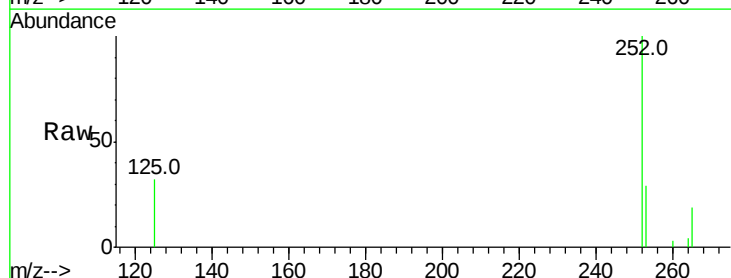
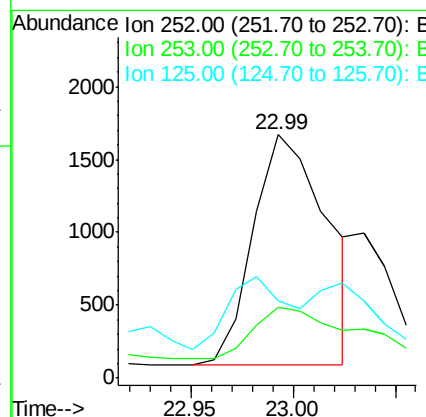
RT: 22.99 min Scan# 1499

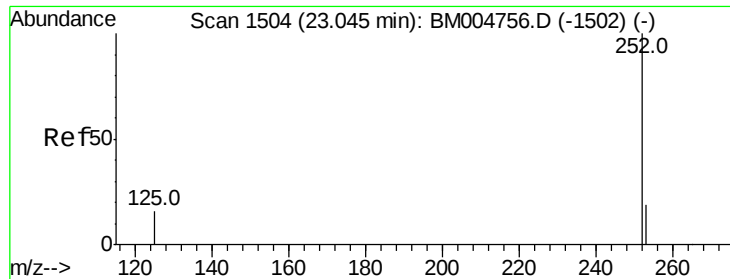
Delta R.T. -0.01 min

Lab File: BM004761.D

Acq: 24 Mar 2016 22:01

Tgt Ion:	252	Resp:	3955
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	45.4
125	31.9	0.0	28.8#





#24

Benzo(k)fluoranthene

Concen: 0.08 ng/ul m

RT: 23.03 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM004761.D

Acq: 24 Mar 2016 22:01

Instrument :

BNA_M

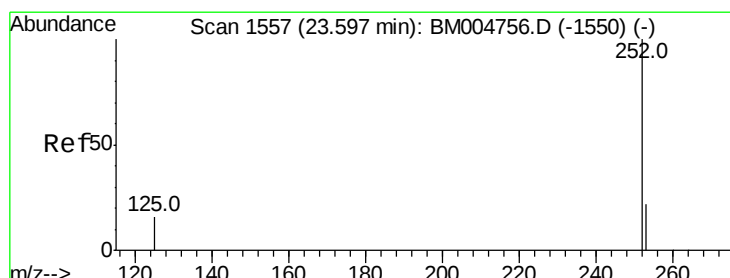
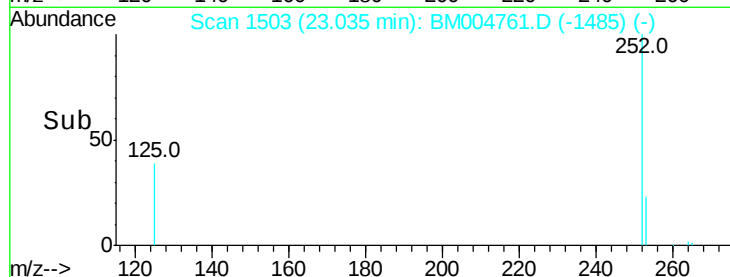
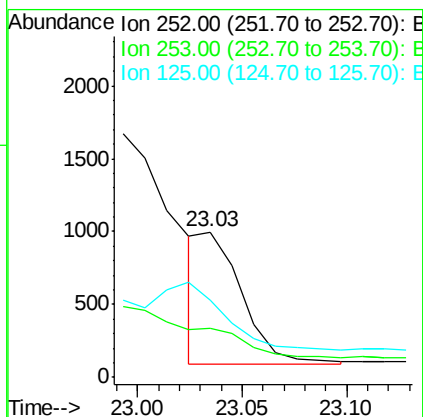
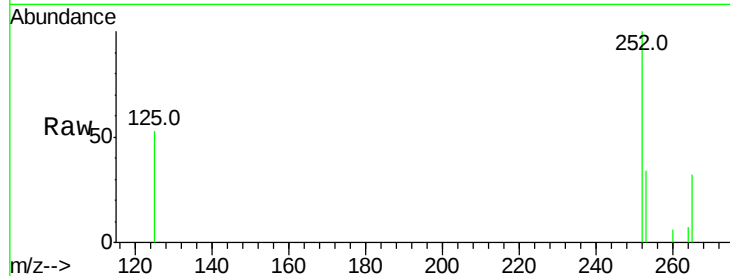
ClientSampleId :

A4T43

Tot Ion:	252	Resp:	1266
Ion Ratio	Lower	Upper	
252	100		
253	33.9	19.8	29.8#
125	52.8	10.4	15.6#

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#25

Benzo(a)pyrene

Concen: 0.19 ng/ul m

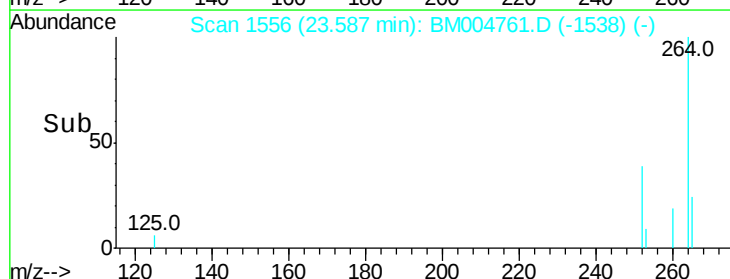
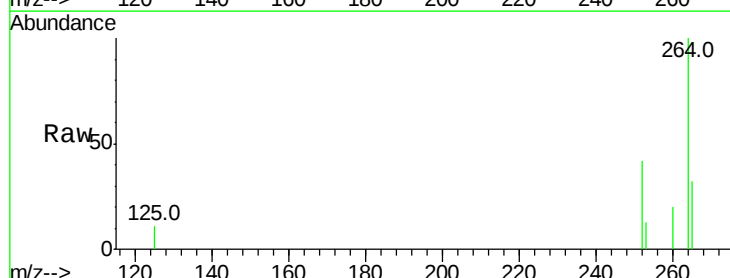
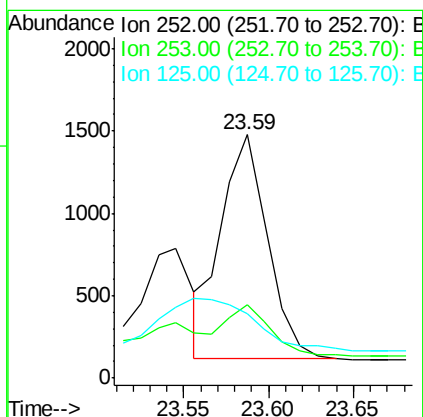
RT: 23.59 min Scan# 1556

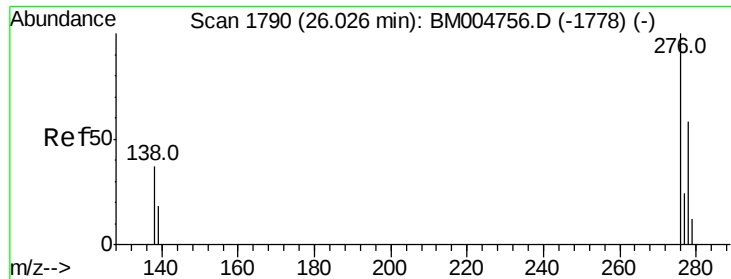
Delta R.T. -0.01 min

Lab File: BM004761.D

Acq: 24 Mar 2016 22:01

Tgt Ion:	252	Resp:	2616
Ion Ratio	Lower	Upper	
252	100		
253	30.4	19.4	29.2#
125	26.7	12.7	19.1#





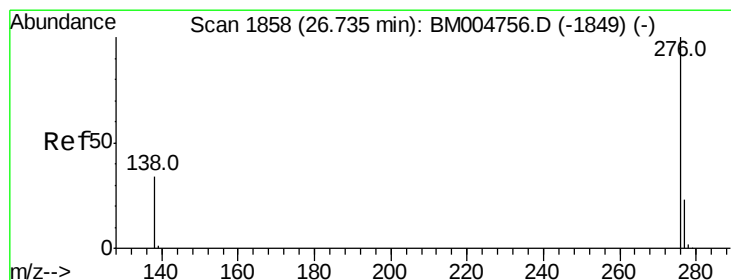
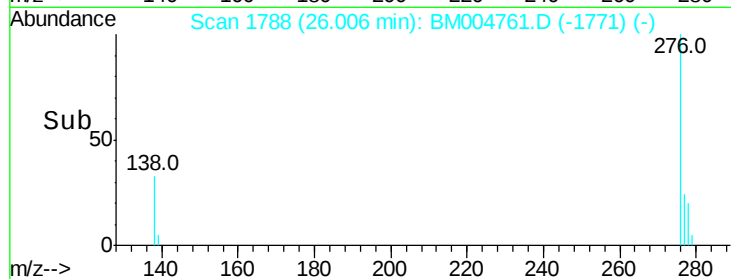
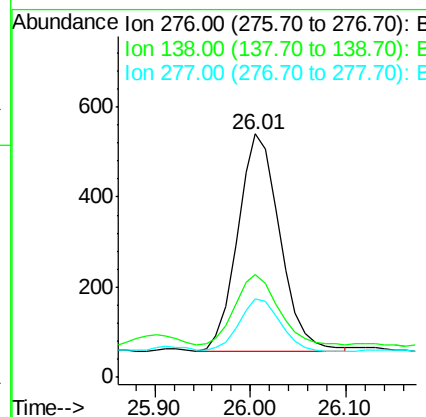
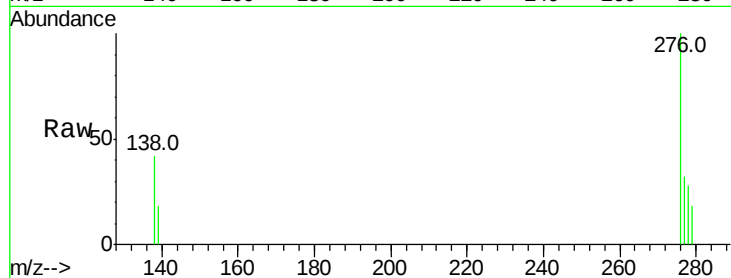
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng/ul m
 RT: 26.01 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BM004761.D
 Acq: 24 Mar 2016 22:01

Instrument :
 BNA_M
 ClientSampleId :
 A4T43

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.6	16.3	24.5#
277	3.9	19.8	29.8#

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#28
 Benzo(g,h,i)perylene
 Concen: 0.10 ng/ul m
 RT: 26.72 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM004761.D
 Acq: 24 Mar 2016 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.2	18.9	28.3#
138	42.1	22.5	33.7#

