

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008064.D
 Acq On : 24 Nov 2016 09:08
 Operator : UM/SJ
 Sample : H5701-25
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG4

Manual Integrations
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Quant Time: Nov 28 10:49:48 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	718	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2465	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1511	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2882m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2877	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	2437m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	712	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1728	0.21	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.06	152	869	0.13	ng/ul#	89
9) Fluorene	15.39	166	123	0.02	ng/ul#	67
12) Phenanthrene	17.12	178	2839	0.32	ng/ul	99
13) Anthracene	17.23	178	715	0.08	ng/ul#	80
15) Fluoranthene	19.16	202	10159m	0.88	ng/ul	
17) Pyrene	19.52	202	9228	0.92	ng/ul	97
18) Benzo(a)anthracene	21.27	228	4417	0.50	ng/ul	97
19) Chrysene	21.32	228	4836	0.44	ng/ul	96
21) Benzo(b)fluoranthene	22.86	252	6044m	0.62	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	2352m	0.23	ng/ul	
23) Benzo(a)pyrene	23.42	252	3975m	0.44	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	2855m	0.25	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	892m	0.10	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	2297m	0.23	ng/ul	

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

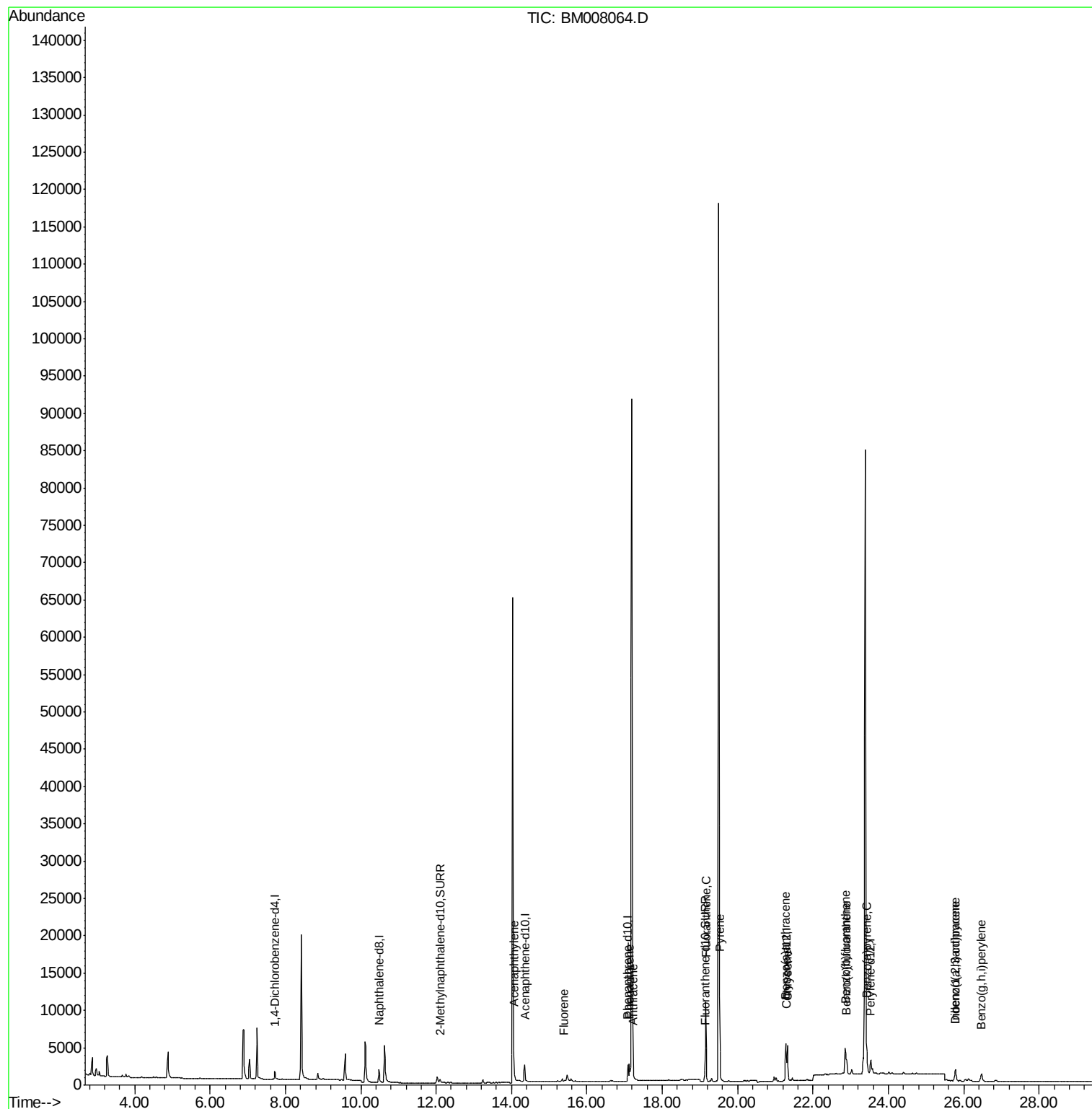
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008064.D
Acq On : 24 Nov 2016 09:08
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Sample : H5701-25
Misc :
ALS Vial : 31 Sample Multiplier: 1

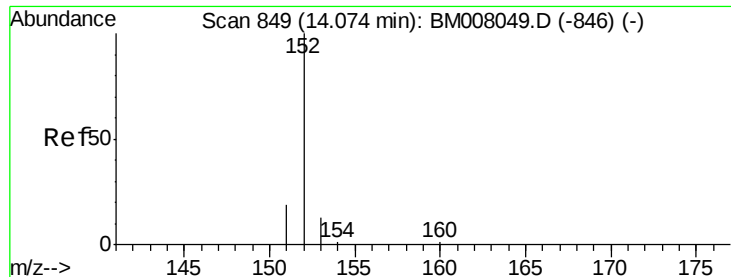
Instrument :
BNA_M
ClientSampleId :
A4WG4

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Quant Time: Nov 28 10:49:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM008064.D

Acq: 24 Nov 2016 09:08

Instrument :

BNA_M

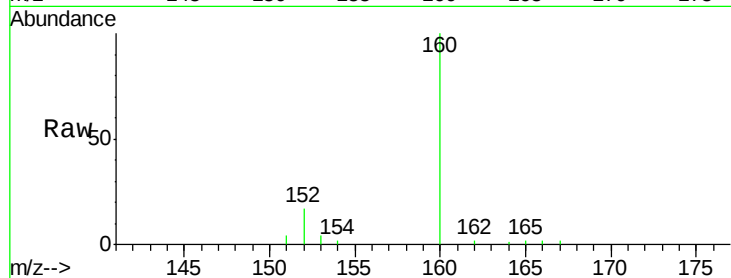
ClientSampleId :

A4WG4

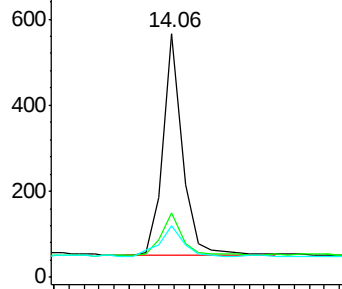
Tot Ion:	152	Resp:	869
Ion Ratio	Lower	Upper	
152	100		
151	26.3	17.1	25.7#
153	21.0	12.8	19.2#

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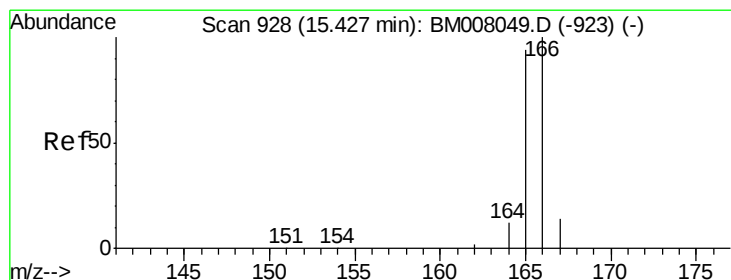
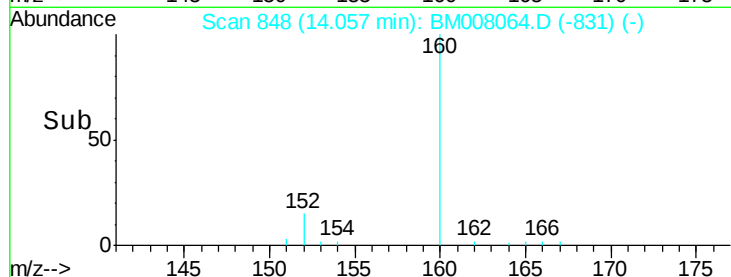
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 13.90 14.00 14.10 14.20



#9

Fluorene

Concen: 0.02 ng/ul

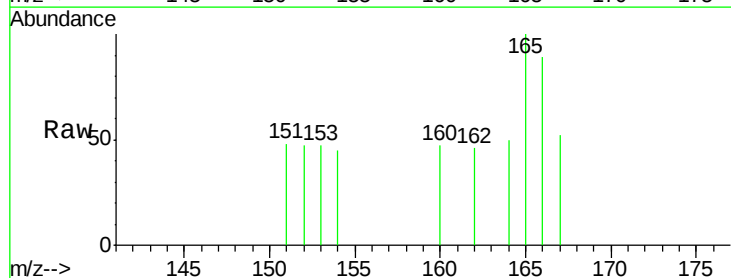
RT: 15.39 min Scan# 926

Delta R.T. -0.02 min

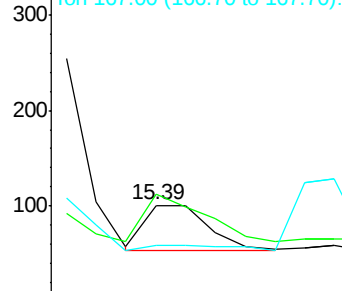
Lab File: BM008064.D

Acq: 24 Nov 2016 09:08

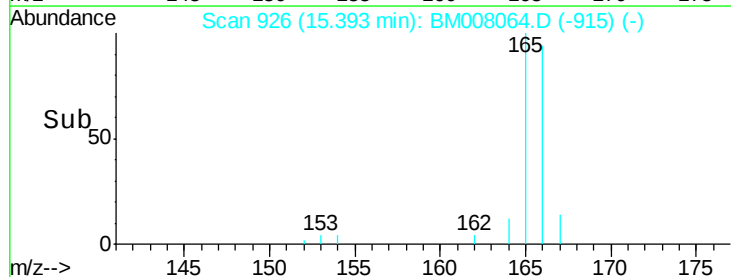
Tgt Ion:	166	Resp:	123
Ion Ratio	Lower	Upper	
166	100		
165	111.9	73.4	110.2#
167	58.4	14.6	22.0#

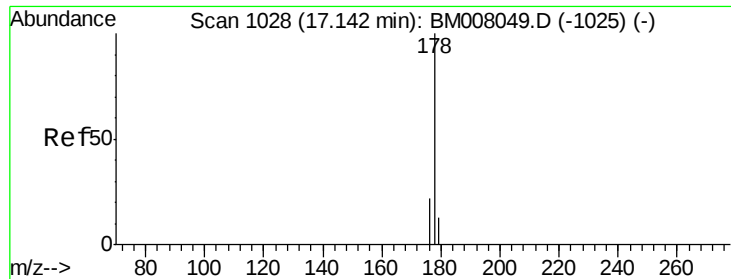


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.35 15.40 15.45





#12

Phenanthrene

Concen: 0.32 ng/ul

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008064.D

Acq: 24 Nov 2016 09:08

Instrument :

BNA_M

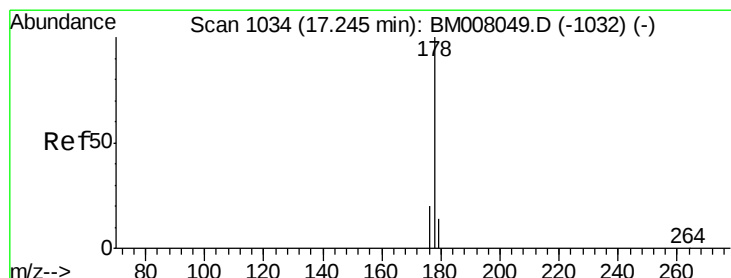
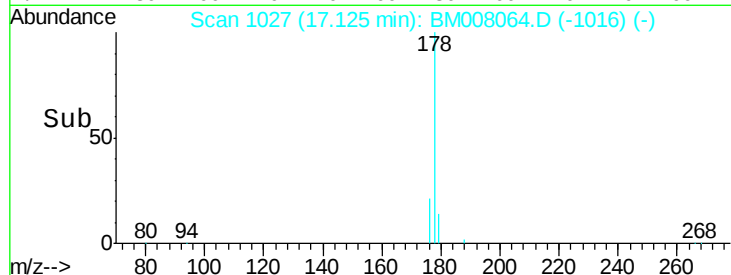
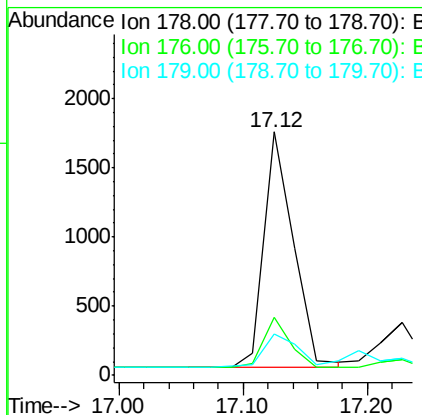
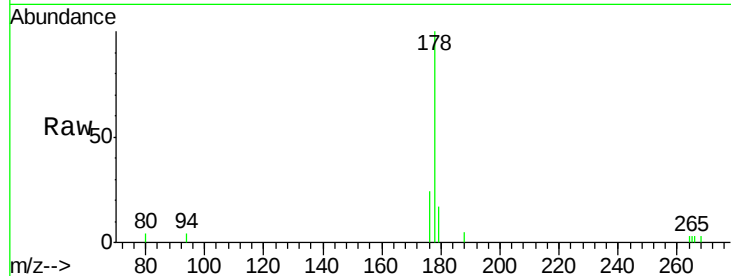
ClientSampleId :

A4WG4

Tot Ion:	178	Resp:	2839
Ion	Ratio	Lower	Upper
178	100		
176	23.7	18.4	27.6
179	16.8	13.6	20.4

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#13

Anthracene

Concen: 0.08 ng/ul

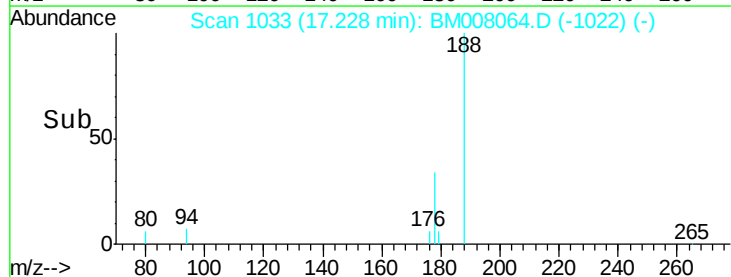
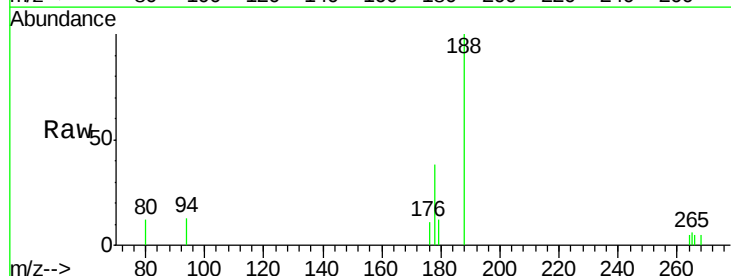
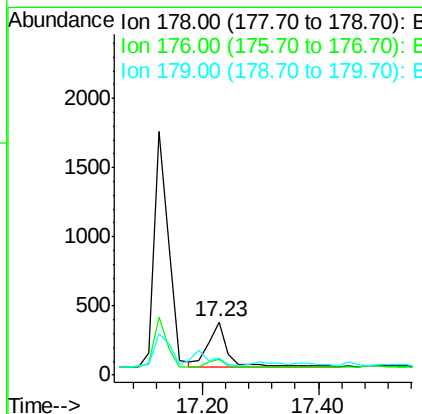
RT: 17.23 min Scan# 1033

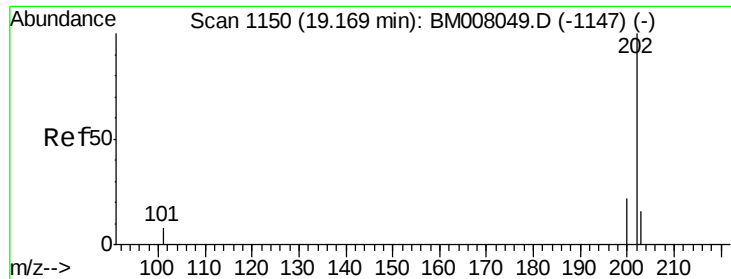
Delta R.T. -0.02 min

Lab File: BM008064.D

Acq: 24 Nov 2016 09:08

Tgt Ion:	178	Resp:	715
Ion	Ratio	Lower	Upper
178	100		
176	29.2	18.1	27.1#
179	31.0	14.7	22.1#





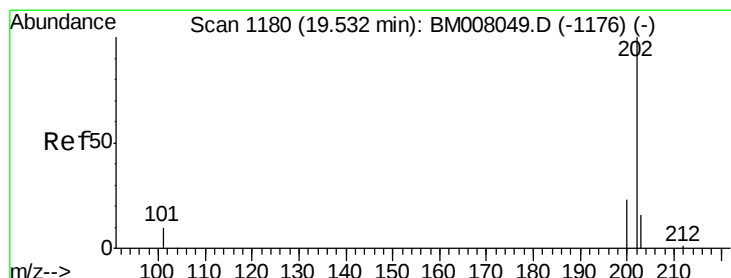
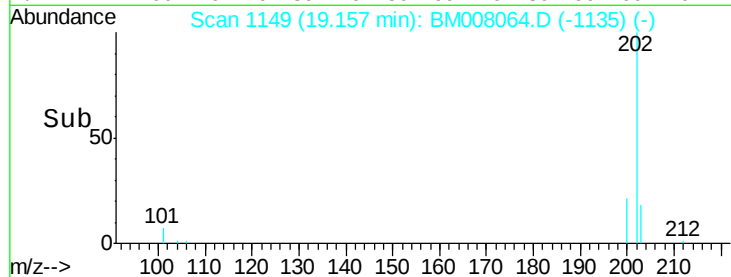
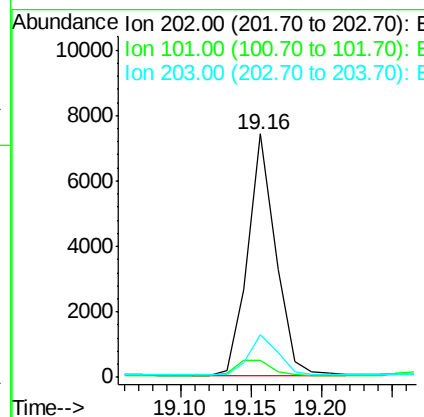
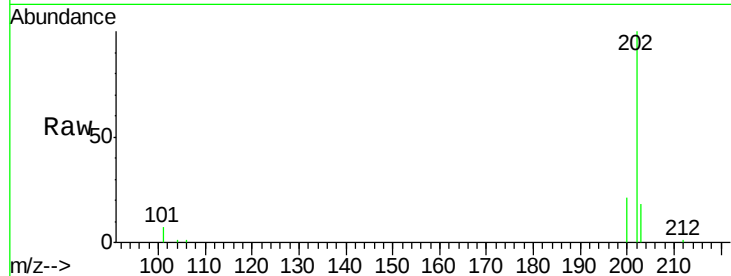
#15
Fluoranthene
Concen: 0.88 ng/ul m
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Instrument :
BNA_M
ClientSampleId :
A4WG4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.2	0.0	30.3
203	17.6	0.0	39.5

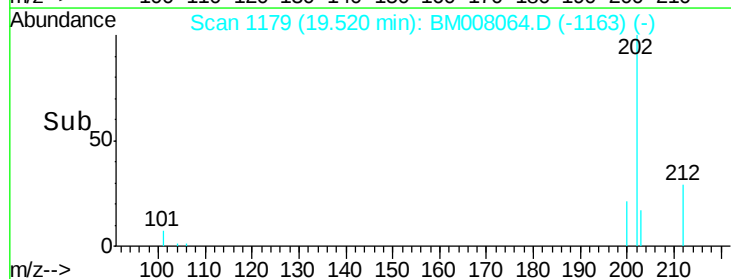
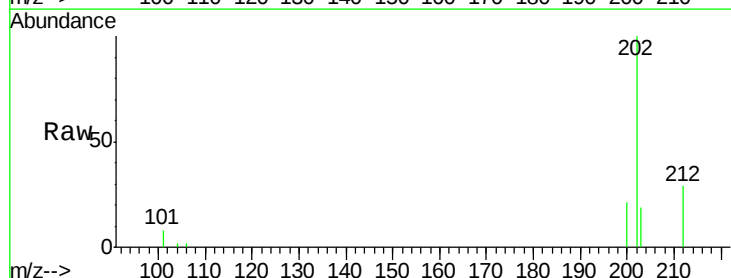
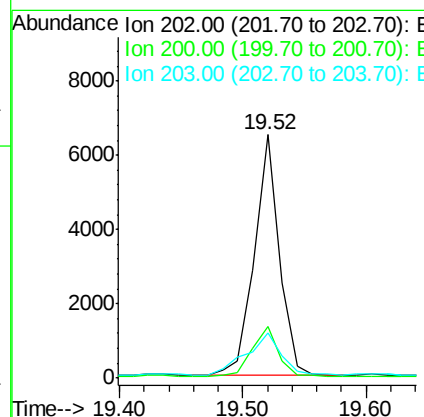
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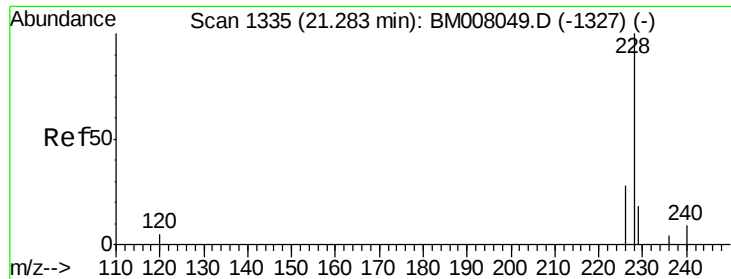
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#17
Pyrene
Concen: 0.92 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	18.2	27.4
203	18.6	15.6	23.4





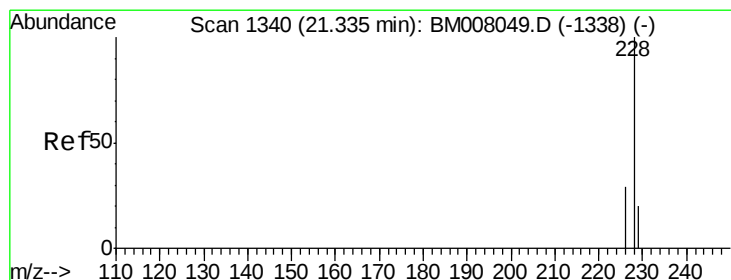
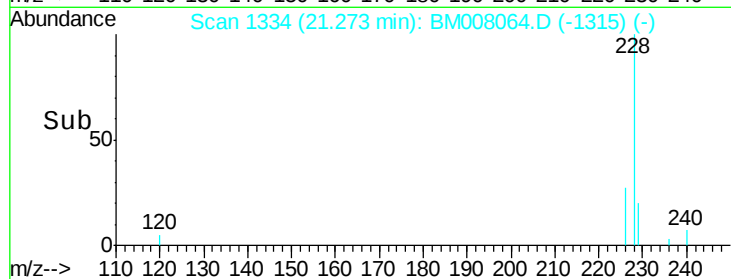
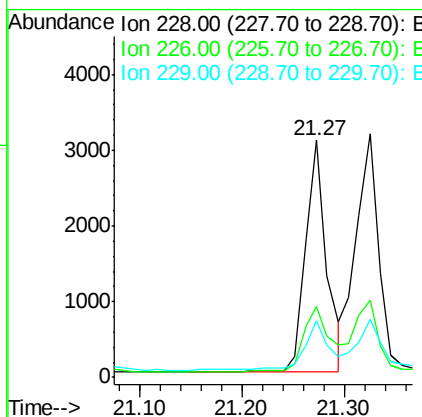
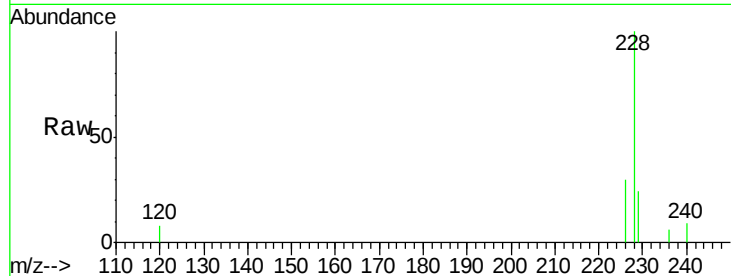
#18
Benzo(a)anthracene
Concen: 0.50 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Instrument :
BNA_M
ClientSampleId :
A4WG4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	23.7	17.0	25.6

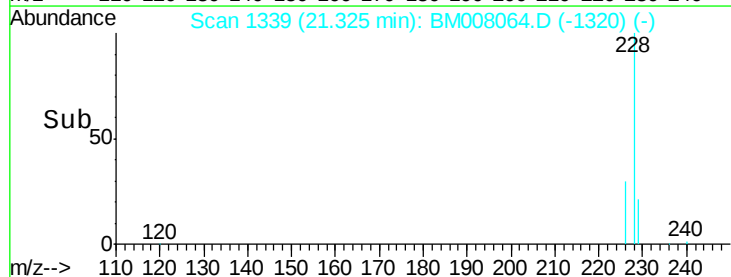
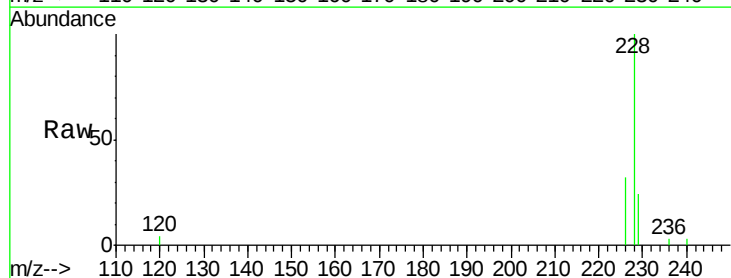
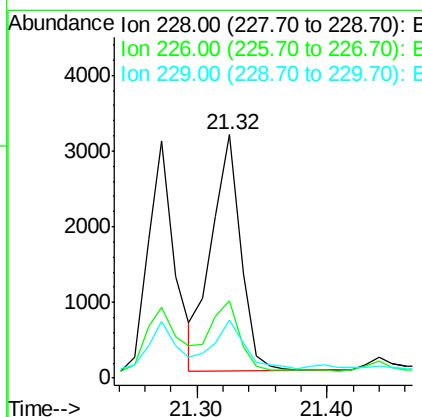
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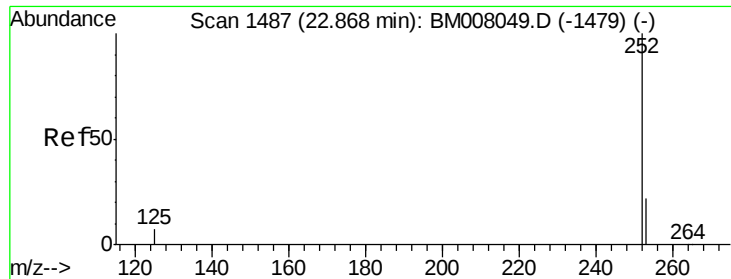
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#19
Chrysene
Concen: 0.44 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	23.6	17.7	26.5





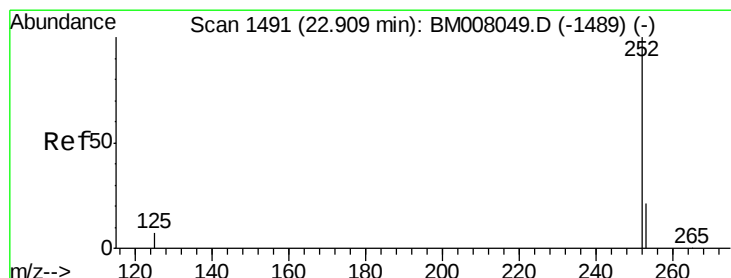
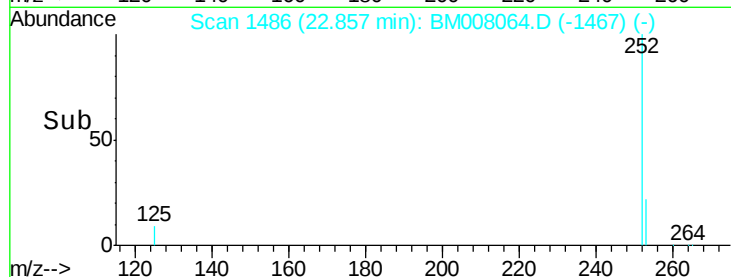
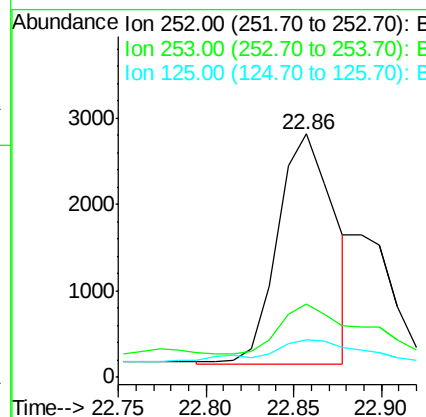
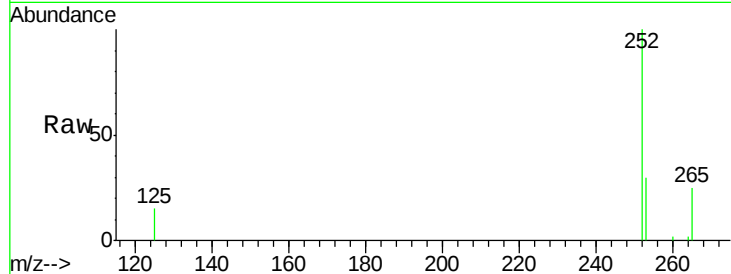
#21
Benzo(b)fluoranthene
Concen: 0.62 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Instrument :
BNA_M
ClientSampleId :
A4WG4

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	64.2
125	15.3	0.0	35.0

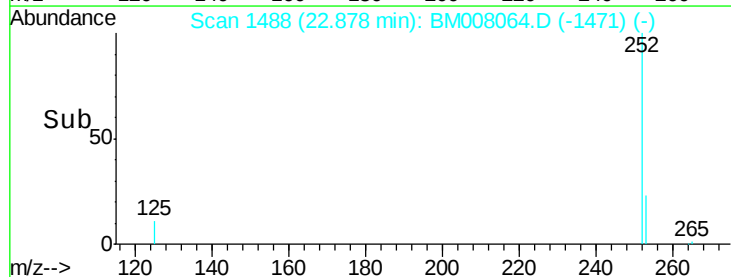
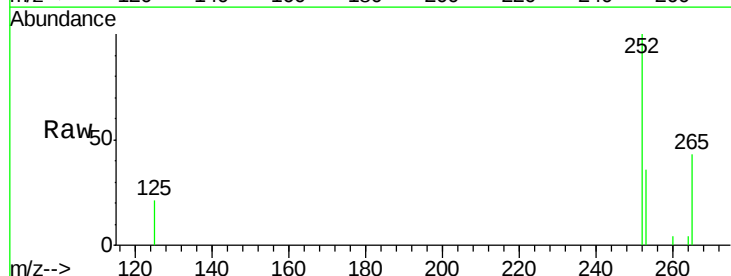
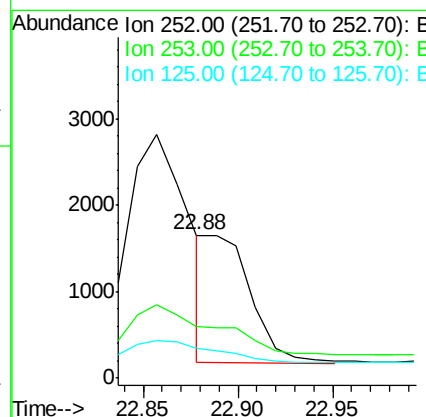
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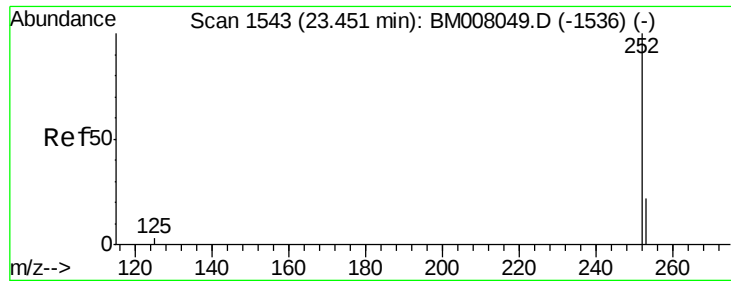
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#22
Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.3	24.5	36.7
125	20.7	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.44 ng/ul m

RT: 23.42 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BM008064.D

Acq: 24 Nov 2016 09:08

Instrument :

BNA_M

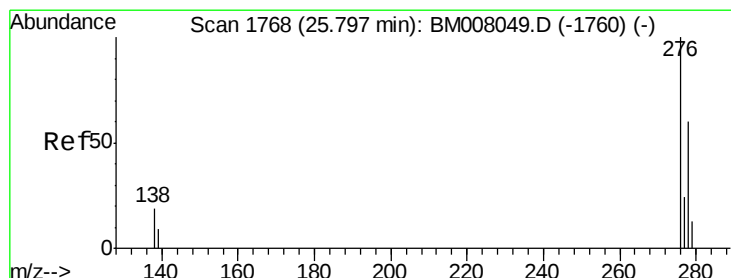
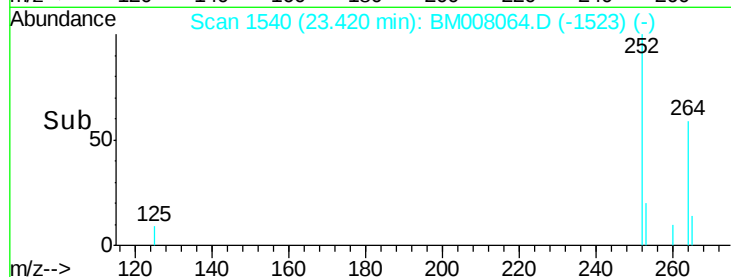
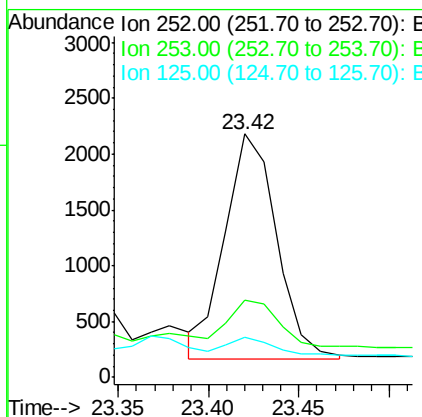
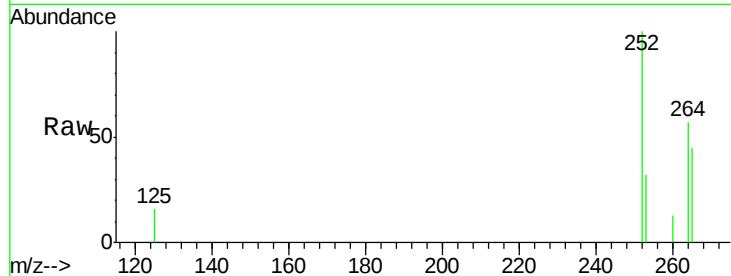
ClientSampled :

A4WG4

Tot Ion:	252	Resp:	3975
Ion Ratio	Lower	Upper	
252	100		
253	31.7	28.5	42.7
125	16.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.25 ng/ul m

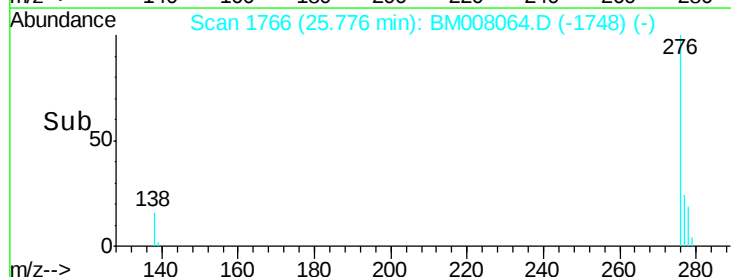
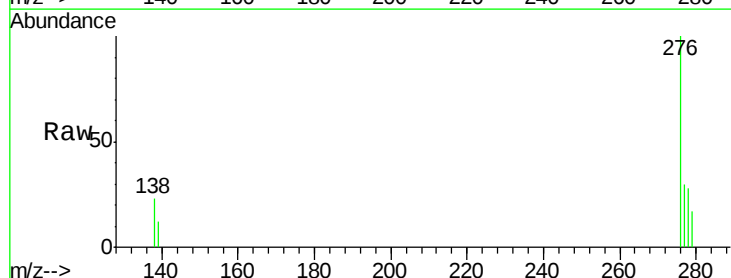
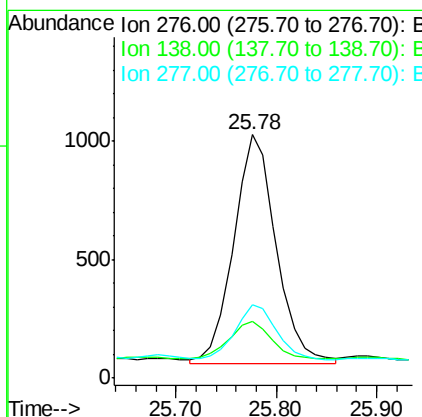
RT: 25.78 min Scan# 1766

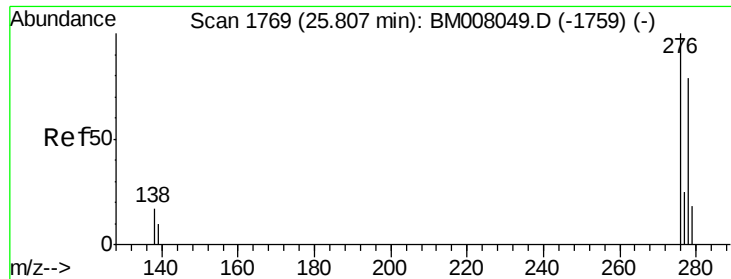
Delta R.T. -0.01 min

Lab File: BM008064.D

Acq: 24 Nov 2016 09:08

Tgt Ion:	276	Resp:	2855
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	44.0	19.6	29.4#





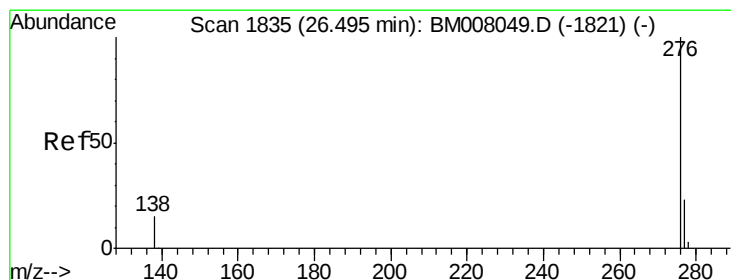
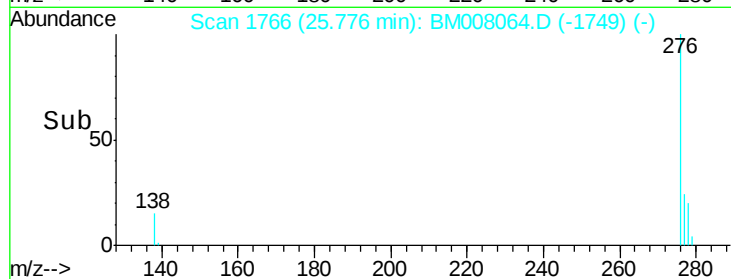
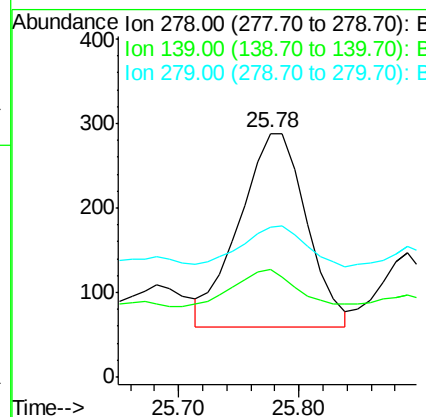
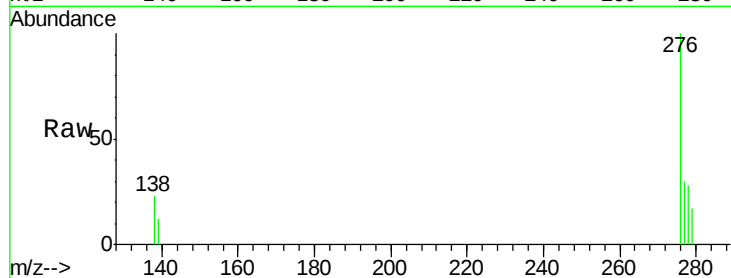
#25
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul m
RT: 25.78 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Instrument :
BNA_M
ClientSampleId :
A4WG4

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.1	17.4	26.0#
279	61.8	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul m
RT: 26.46 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM008064.D
Acq: 24 Nov 2016 09:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	21.8	32.8
138	24.8	20.5	30.7

