

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008205.D
 Acq On : 09 Dec 2016 13:48
 Operator : UM/SJ
 Sample : H5863-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7X1

Manual Integrations
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Quant Time: Dec 09 15:07:24 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 Dec 09 15:00:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	328	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	1164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	708	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	1251	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1077	0.40	ng/ul	-0.01
20) Perylene-d12	23.55	264	1091	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	449	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1199	0.34	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.55	128	2782	0.85	ng/ul	95
7) Acenaphthylene	14.06	152	1242	0.39	ng/ul	93
8) Acenaphthene	14.40	153	1204	0.49	ng/ul	95
9) Fluorene	15.41	166	1074	0.38	ng/ul	92
11) Pentachlorophenol	16.78	266	338	0.77	ng/ul	97
12) Phenanthrene	17.14	178	1994	0.51	ng/ul#	95
13) Anthracene	17.24	178	1614m	0.44	ng/ul	
15) Fluoranthene	19.16	202	2463	0.49	ng/ul	99
17) Pyrene	19.52	202	3048	0.82	ng/ul	98
18) Benzo(a)anthracene	21.28	228	2036	0.62	ng/ul	97
21) Benzo(b)fluoranthene	22.87	252	2143	0.49	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.79	276	3660	0.73	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.79	278	2761	0.68	ng/ul	97
26) Benzo(g,h,i)perylene	26.47	276	3174	0.71	ng/ul#	92

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

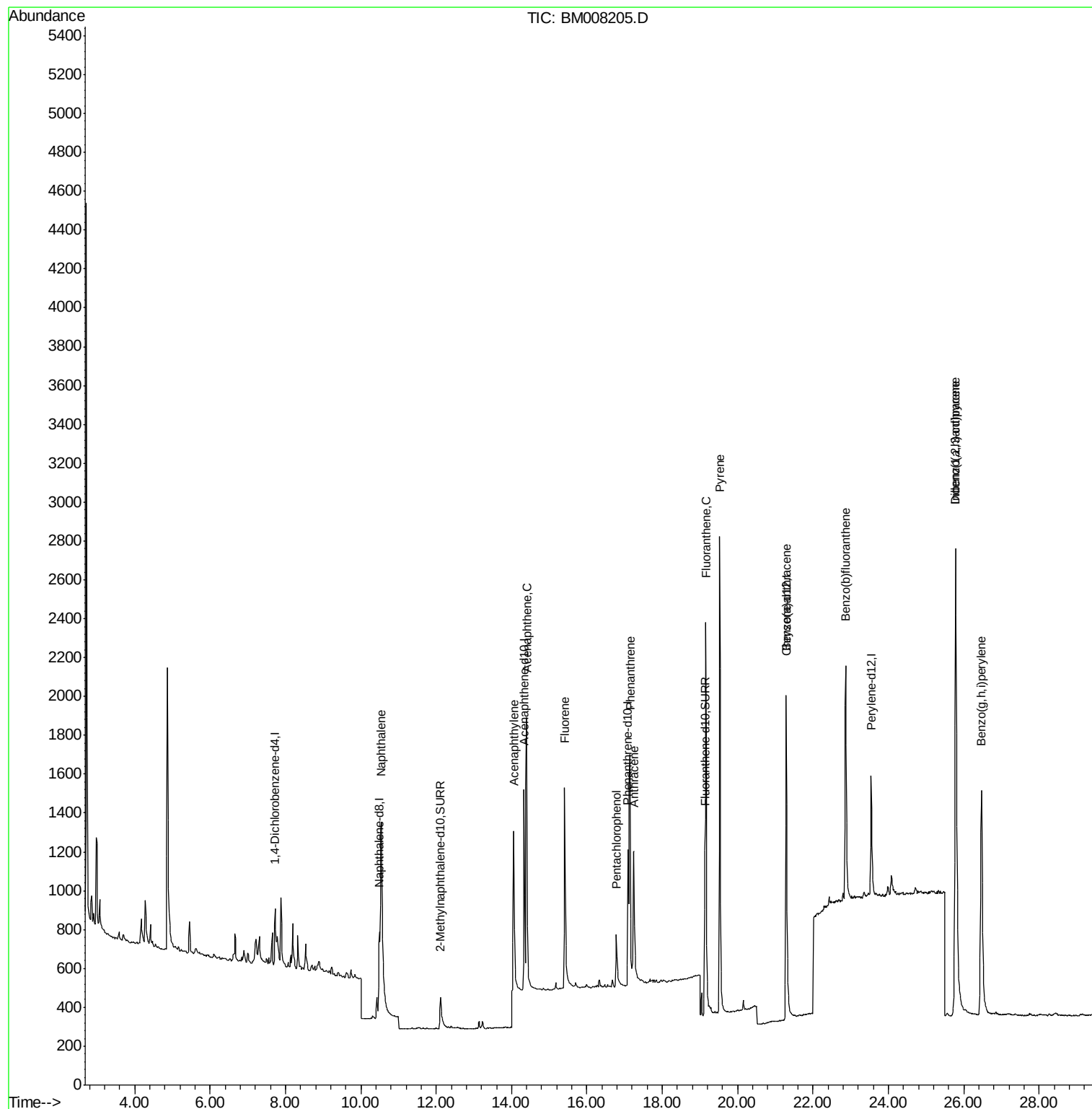
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008205.D
Acq On : 09 Dec 2016 13:48
Operator : UM/SJ
Sample : H5863-23
Misc :
ALS Vial : 3 Sample Multiplier: 1

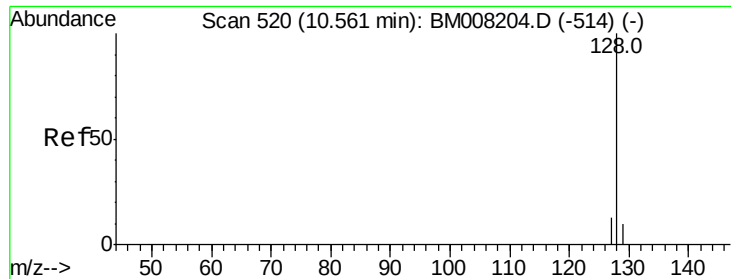
Instrument :
BNA_M
ClientSampleId :
DA7X1

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Quant Time: Dec 09 15:07:24 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 Dec 09 15:00:55 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.85 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM008205.D

Acq: 09 Dec 2016 13:48

Instrument :

BNA_M

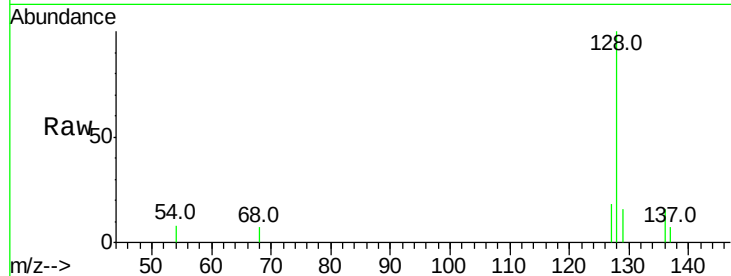
ClientSampled :

DA7X1

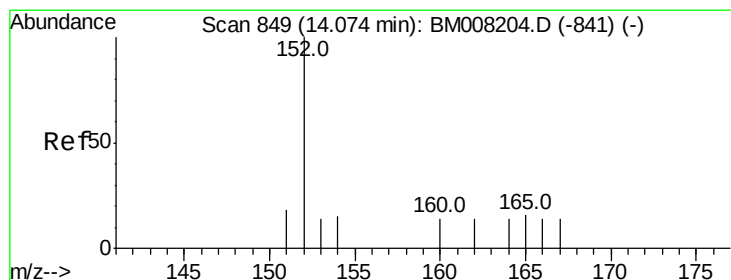
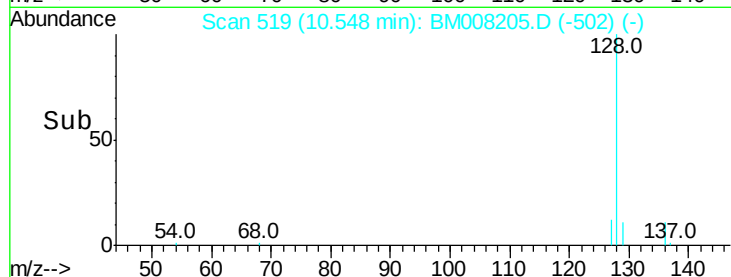
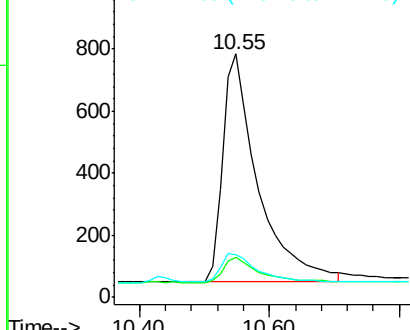
Tot Ion:	128	Resp:	2782
Ion Ratio	Lower	Upper	
128	100		
129	16.2	11.3	16.9
127	17.7	12.8	19.2

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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



#7

Acenaphthylene

Concen: 0.39 ng/ul

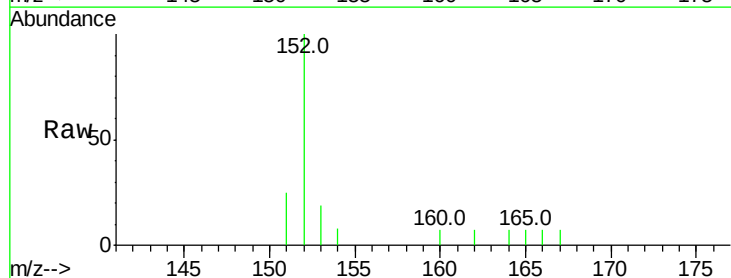
RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

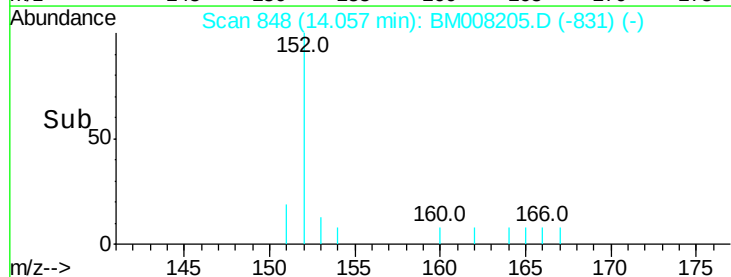
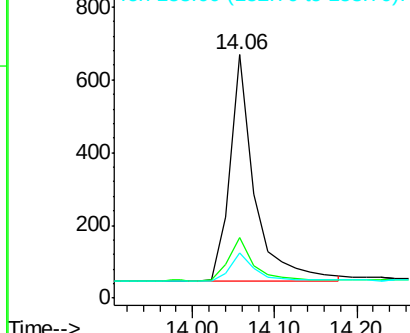
Lab File: BM008205.D

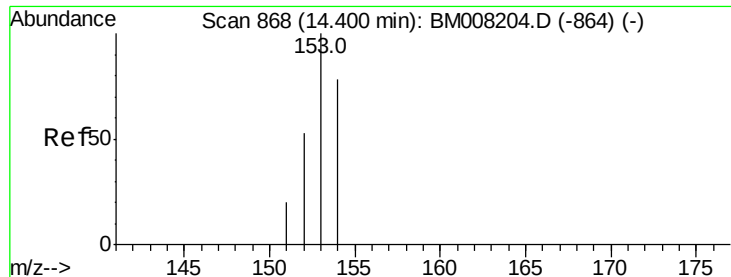
Acq: 09 Dec 2016 13:48

Tgt Ion:	152	Resp:	1242
Ion Ratio	Lower	Upper	
152	100		
151	24.8	17.1	25.7
153	18.8	12.8	19.2



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





#8

Acenaphthene

Concen: 0.49 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. -0.00 min

Lab File: BM008205.D

Acq: 09 Dec 2016 13:48

Instrument :

BNA_M

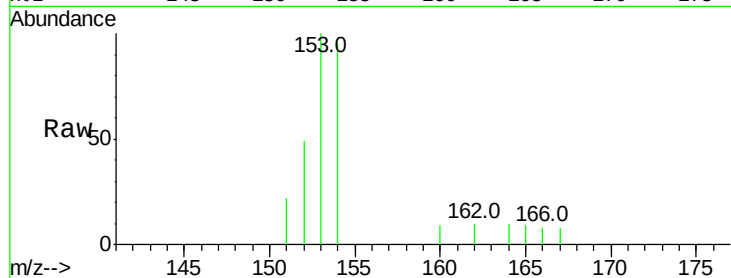
ClientSampleId :

DA7X1

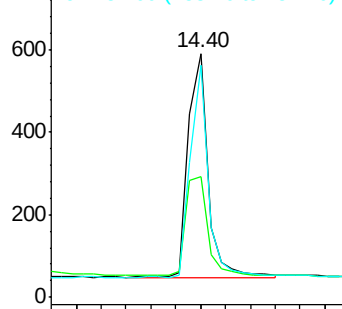
Tot Ion:	153	Resp:	1204
Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.3	60.5
154	95.3	71.4	107.2

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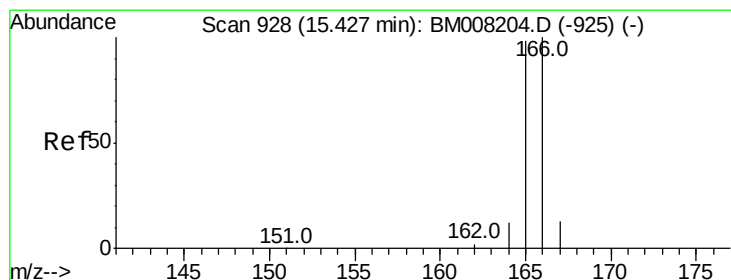
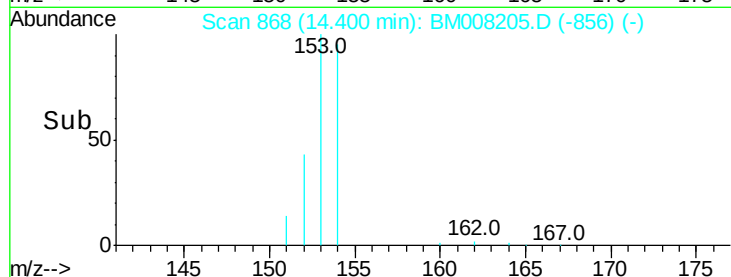
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.38 ng/ul

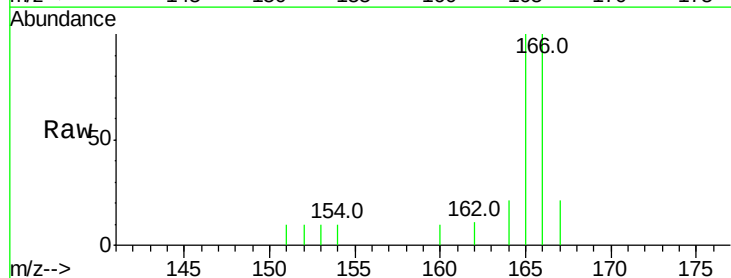
RT: 15.41 min Scan# 927

Delta R.T. -0.02 min

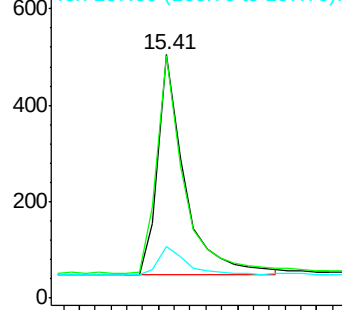
Lab File: BM008205.D

Acq: 09 Dec 2016 13:48

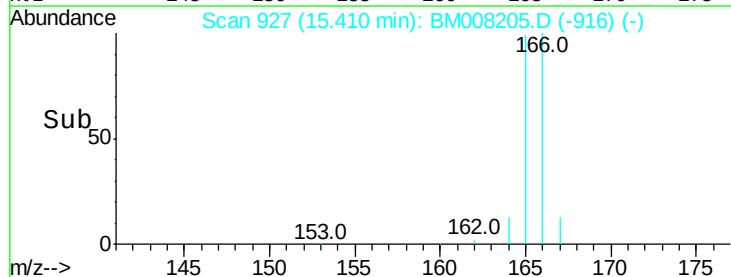
Tgt Ion:	166	Resp:	1074
Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	21.4	14.6	22.0

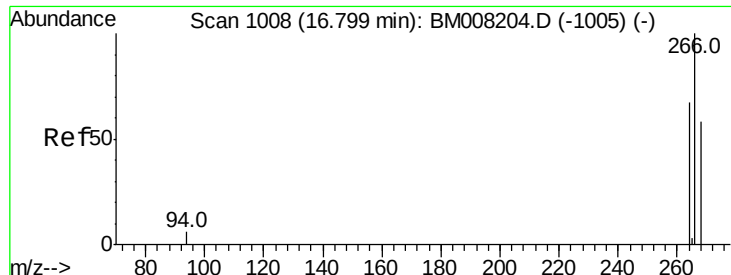


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





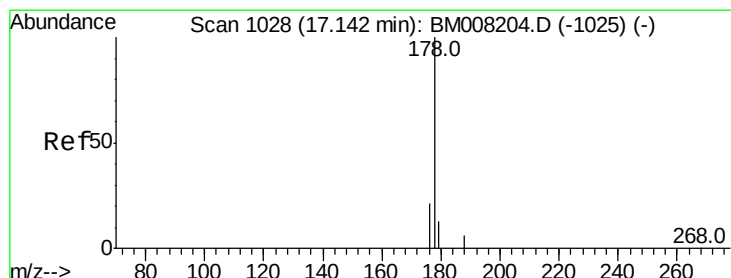
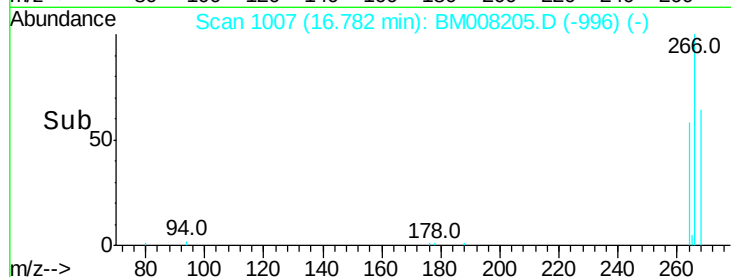
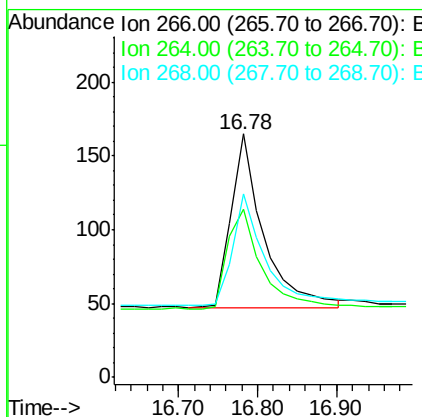
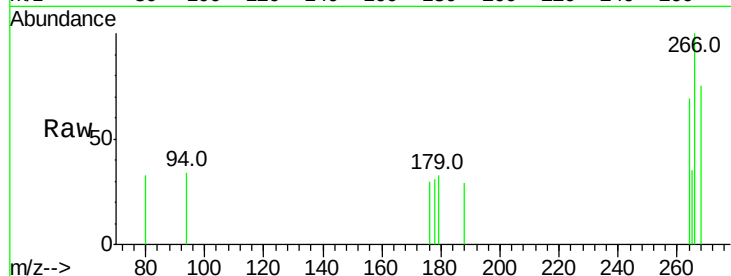
#11
 Pentachlorophenol
 Concen: 0.77 ng/ul
 RT: 16.78 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM008205.D
 Acq: 09 Dec 2016 13:48

Instrument :
 BNA_M
 ClientSampleId :
 DA7X1

Tot Ion:	266	Resp:	338
Ion Ratio	Lower	Upper	
266	100		
264	62.1	47.9	71.9
268	64.5	49.8	74.8

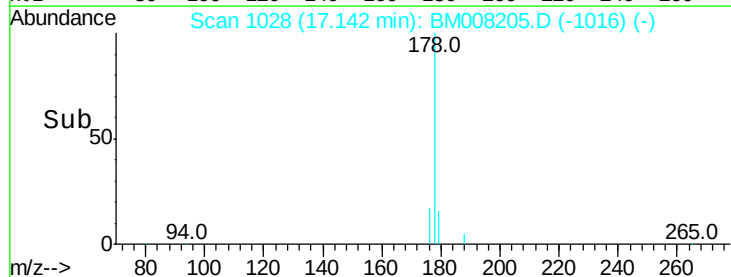
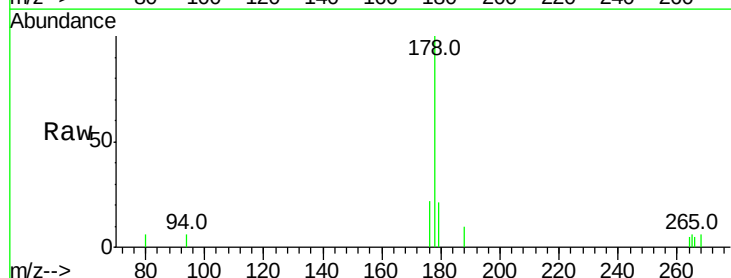
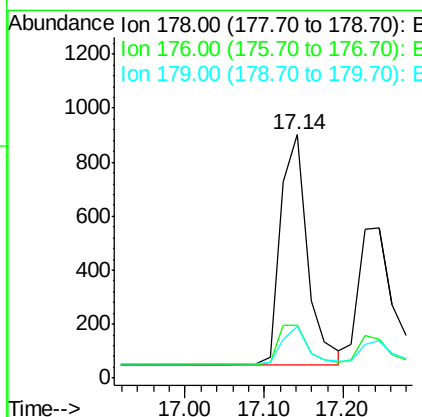
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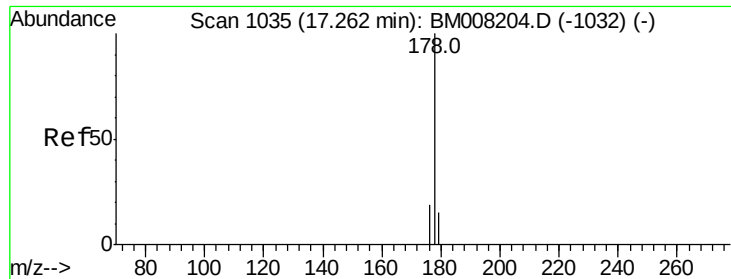
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#12
 Phenanthrene
 Concen: 0.51 ng/ul
 RT: 17.14 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BM008205.D
 Acq: 09 Dec 2016 13:48

Tgt Ion:	178	Resp:	1994
Ion Ratio	Lower	Upper	
178	100		
176	22.0	18.4	27.6
179	21.1	13.6	20.4#





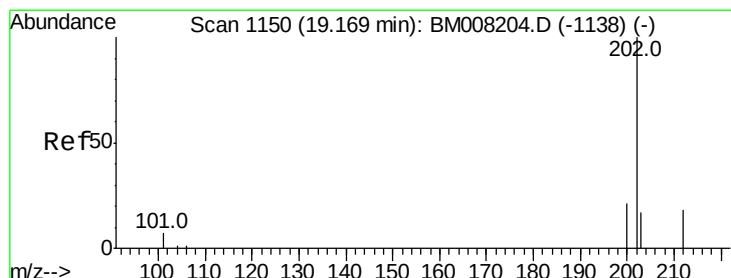
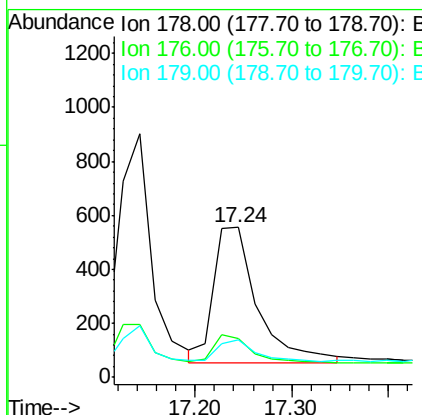
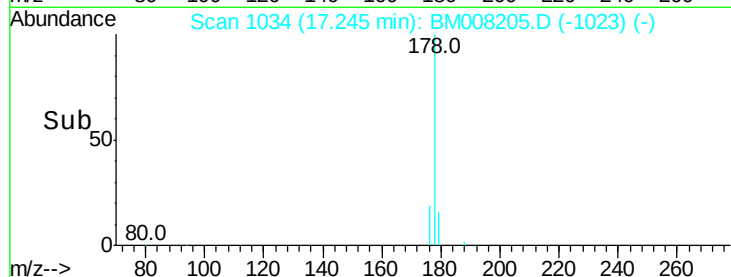
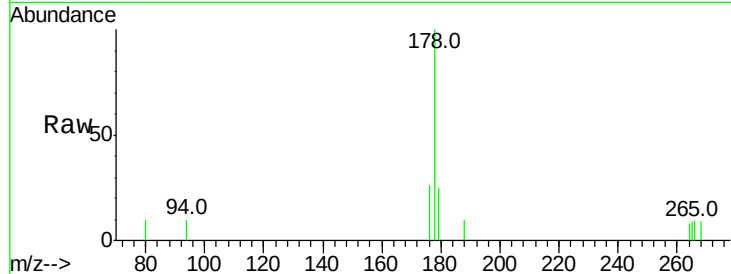
#13
 Anthracene
 Concen: 0.44 ng/ul m
 RT: 17.24 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BM008205.D
 Acq: 09 Dec 2016 13:48

Instrument :
 BNA_M
 ClientSampleId :
 DA7X1

Tot Ion:178 Resp: 1614
 Ion Ratio Lower Upper
 178 100
 176 25.8 18.1 27.1
 179 24.9 14.7 22.1#

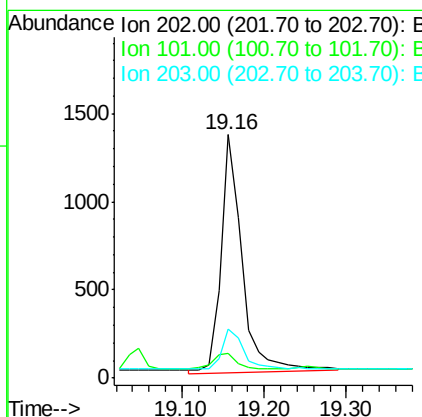
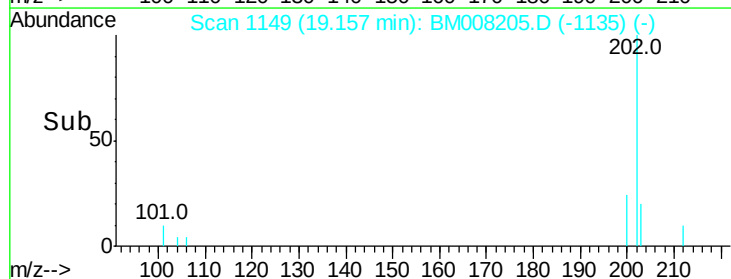
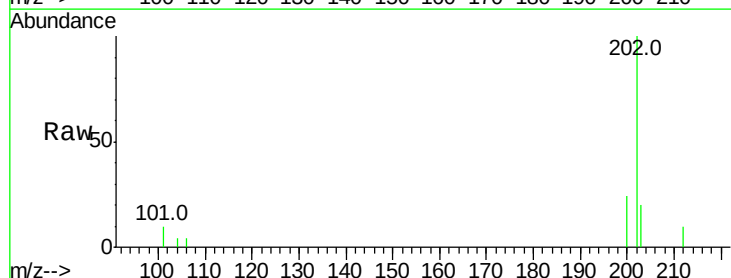
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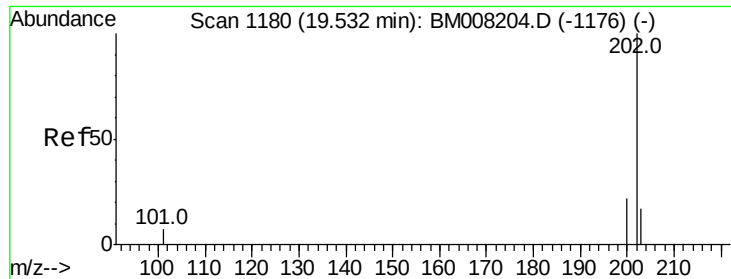
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#15
 Fluoranthene
 Concen: 0.49 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008205.D
 Acq: 09 Dec 2016 13:48

Tgt Ion:202 Resp: 2463
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 30.3
 203 20.0 0.0 39.5





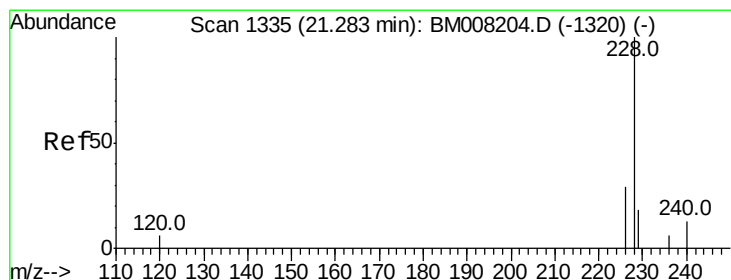
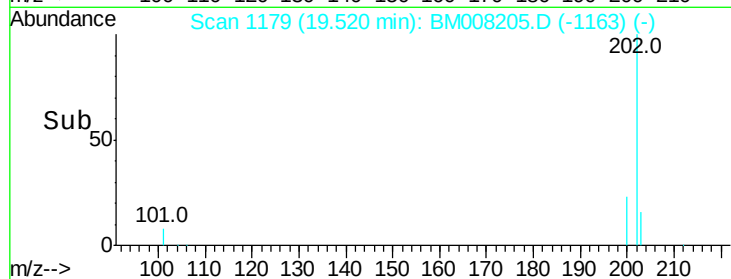
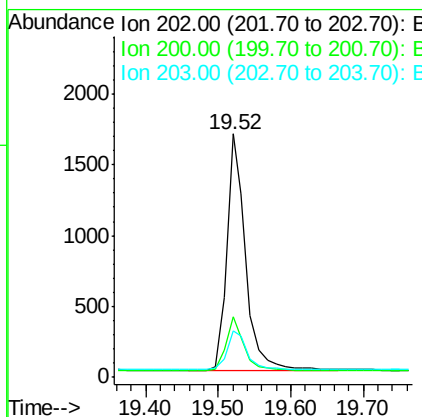
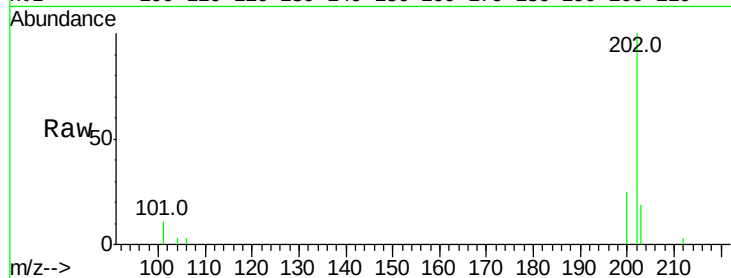
#17
Pvrene
Concen: 0.82 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM008205.D
Acq: 09 Dec 2016 13:48

Instrument :
BNA_M
ClientSampleId :
DA7X1

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.7	18.2	27.4
203	19.2	15.6	23.4

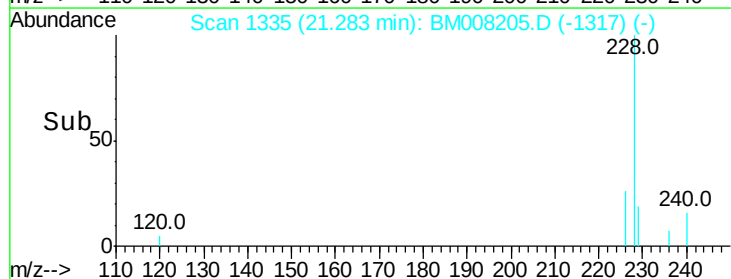
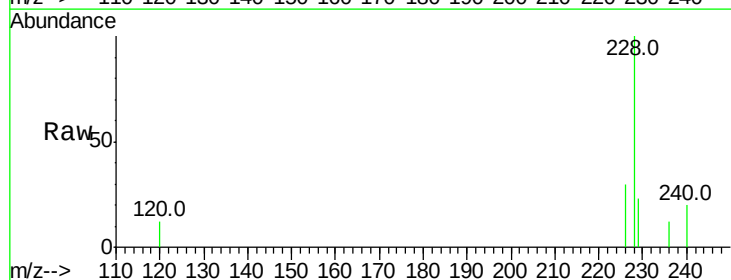
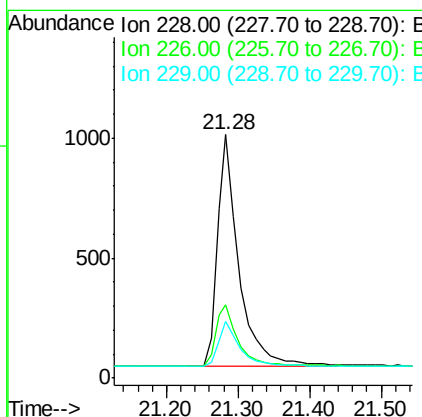
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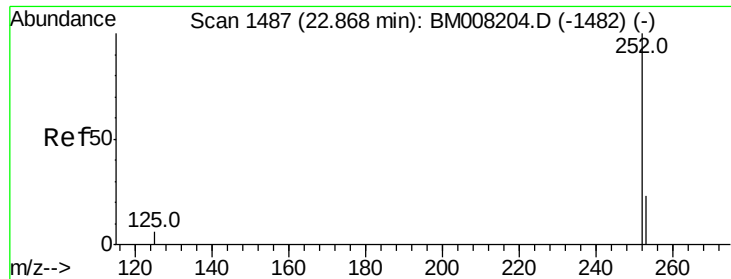
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#18
Benzo(a)anthracene
Concen: 0.62 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM008205.D
Acq: 09 Dec 2016 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.8	34.2
229	23.2	17.0	25.6





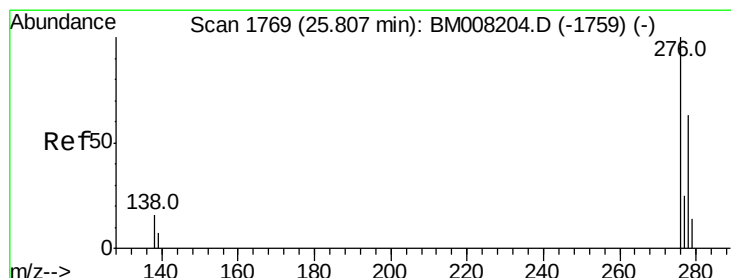
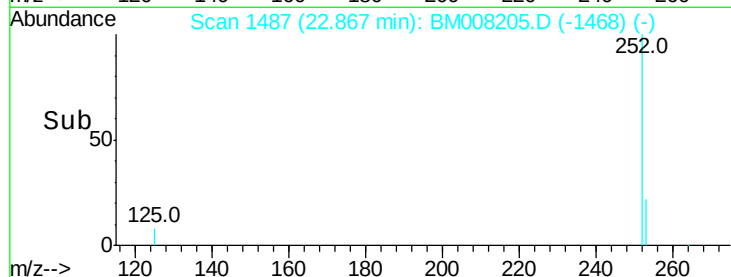
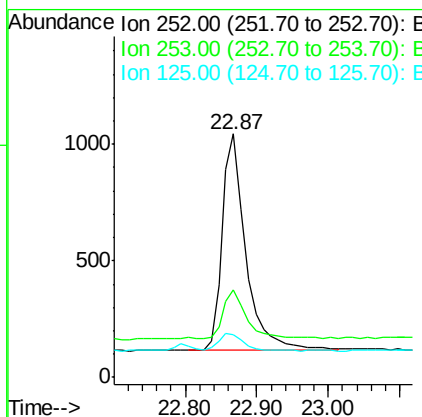
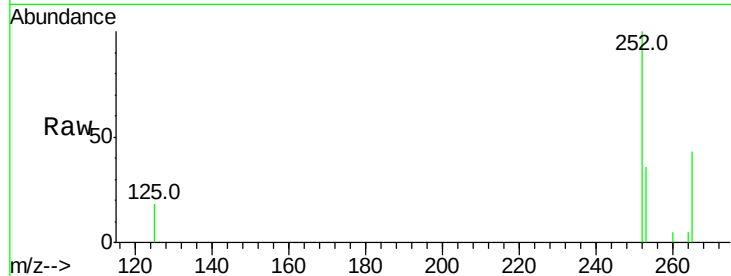
#21
Benzo(b)fluoranthene
Concen: 0.49 ng/ul
RT: 22.87 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BM008205.D
Acq: 09 Dec 2016 13:48

Instrument :
BNA_M
ClientSampleId :
DA7X1

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.7	0.0	64.2
125	17.7	0.0	35.0

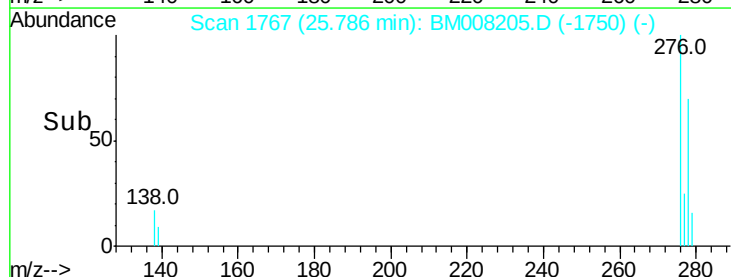
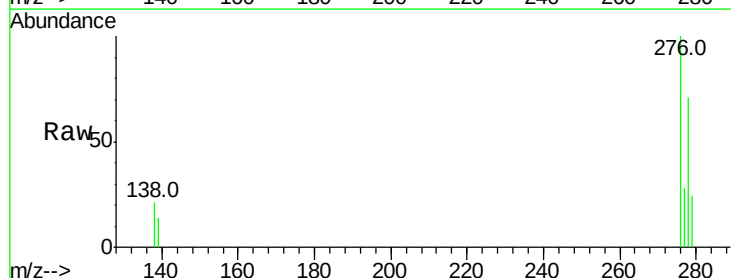
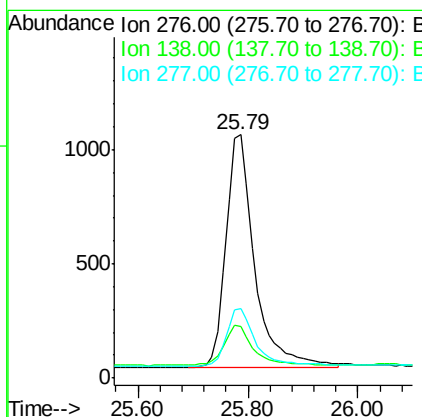
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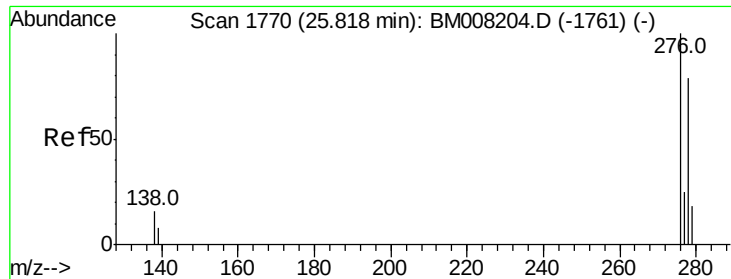
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.73 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM008205.D
Acq: 09 Dec 2016 13:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	19.1	28.7#
277	24.8	19.6	29.4





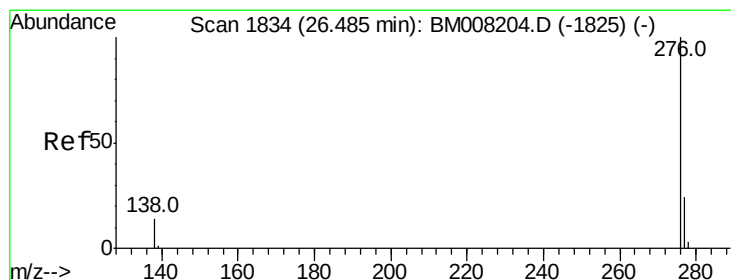
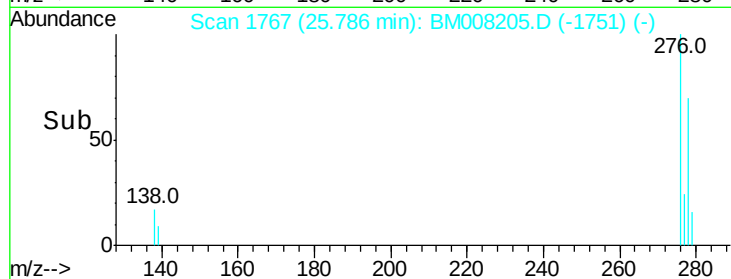
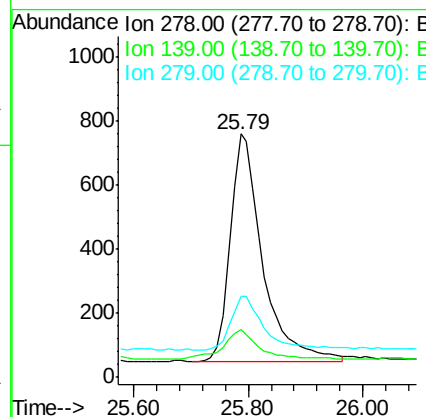
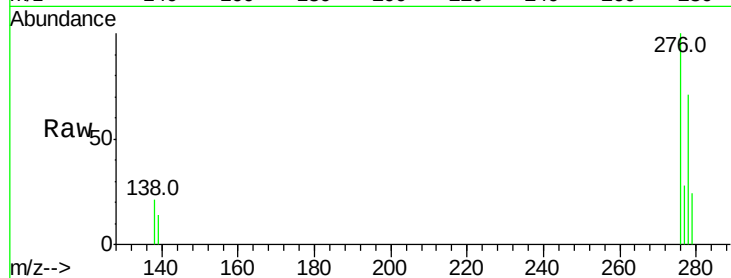
#25
Dibenzo(a,h)anthracene
Concen: 0.68 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.03 min
Lab File: BM008205.D
Acq: 09 Dec 2016 13:48

Instrument :
BNA_M
ClientSampled :
DA7X1

Tot Ion:	278	Resp:	2761
Ion Ratio	Lower	Upper	
278	100		
139	19.6	17.4	26.0
279	33.2	25.9	38.9

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.71 ng/ul
RT: 26.47 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM008205.D
Acq: 09 Dec 2016 13:48

Tgt Ion:	276	Resp:	3174
Ion Ratio	Lower	Upper	
276	100		
277	28.5	21.8	32.8
138	18.9	20.5	30.7#

