

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008220.D
 Acq On : 10 Dec 2016 00:05
 Operator : UM/SJ
 Sample : H5863-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA800

Manual Integrations
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Quant Time: Dec 12 10:11:23 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	514	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	1754	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1189	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2420	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	2148	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1908	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	487	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1171m	0.17	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	3688	0.75	ng/ul	98
5) 2-Methylnaphthalene	12.12	142	3477	1.10	ng/ul	99
7) Acenaphthylene	14.04	152	1125	0.21	ng/ul#	65
8) Acenaphthene	14.38	153	597	0.15	ng/ul#	87
9) Fluorene	15.38	166	1302	0.28	ng/ul#	65
12) Phenanthrene	17.11	178	5284	0.70	ng/ul	97
13) Anthracene	17.21	178	1475m	0.21	ng/ul	
15) Fluoranthene	19.14	202	4984	0.51	ng/ul	93
17) Pyrene	19.50	202	5591	0.75	ng/ul	95
18) Benzo(a)anthracene	21.26	228	3613	0.55	ng/ul#	80
19) Chrysene	21.31	228	4979	0.61	ng/ul#	90
21) Benzo(b)fluoranthene	22.84	252	8710m	1.14	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	2526m	0.32	ng/ul	
23) Benzo(a)pyrene	23.40	252	7229	1.01	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.75	276	5853	0.66	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.75	278	2065	0.29	ng/ul#	60
26) Benzo(a,h,i)perylene	26.44	276	9186	1.17	ng/ul#	93

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

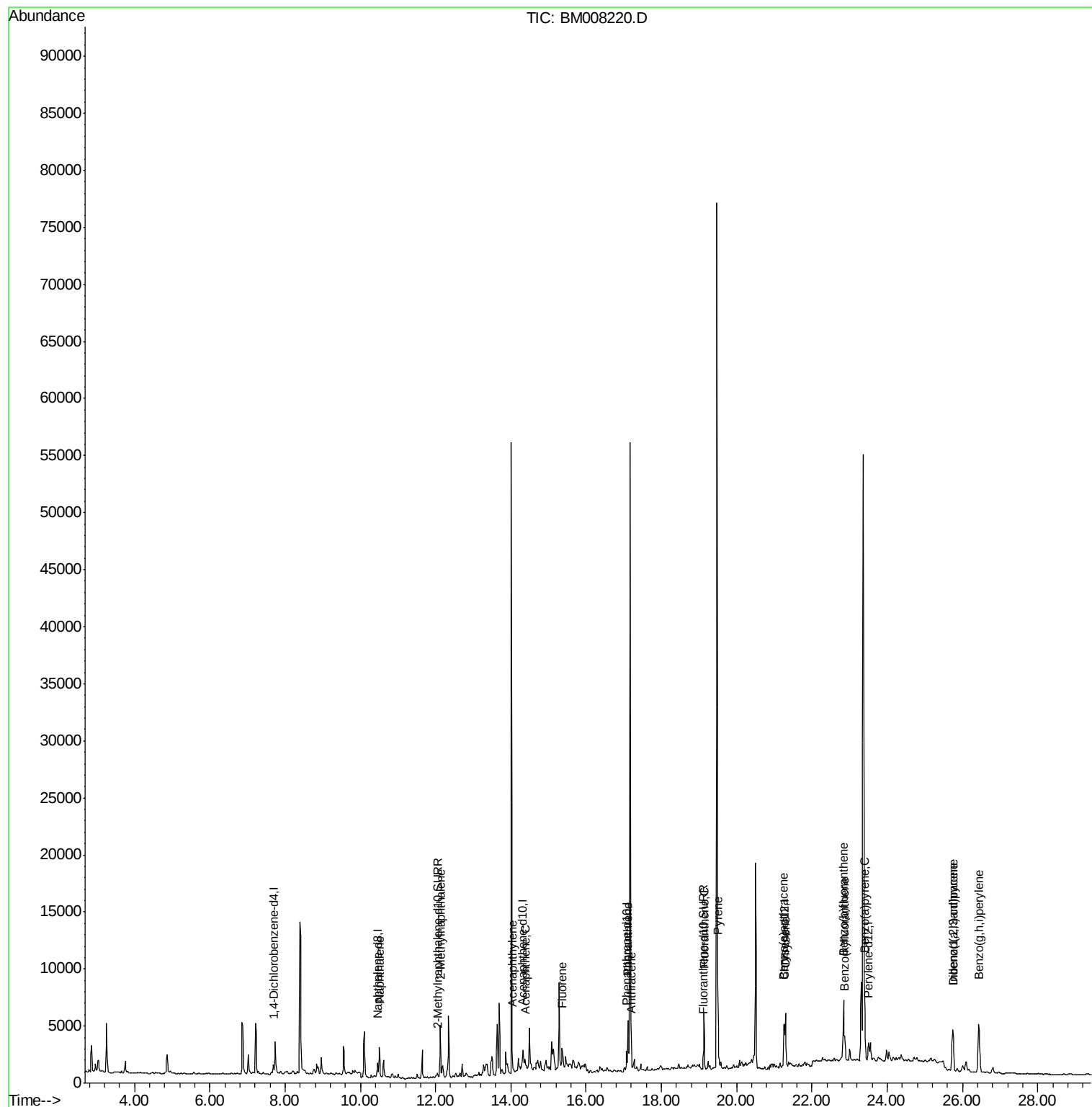
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
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Sample : H5863-20
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ALS Vial : 16 Sample Multiplier: 1

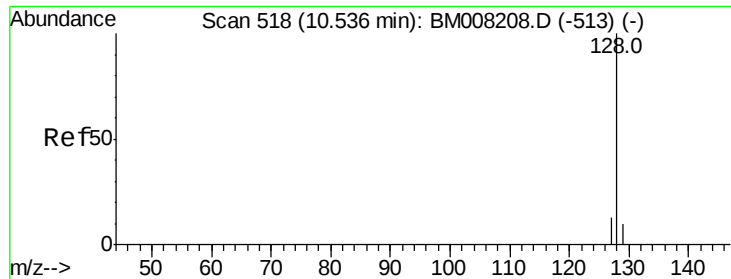
Instrument :
BNA_M
ClientSampleId :
DA800

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Quant Time: Dec 12 10:11:23 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.75 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Instrument :

BNA_M

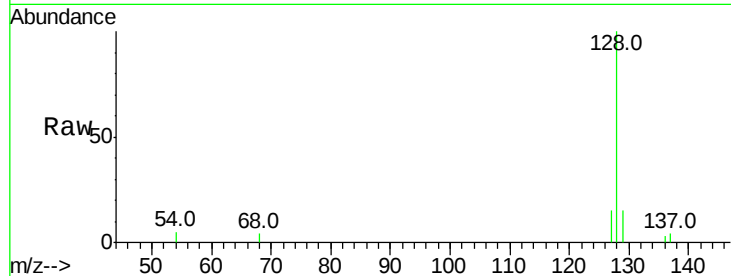
ClientSampleId :

DA800

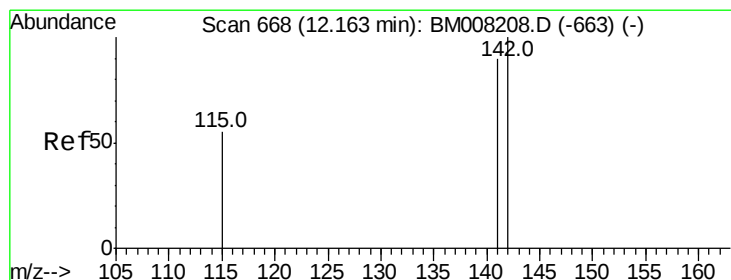
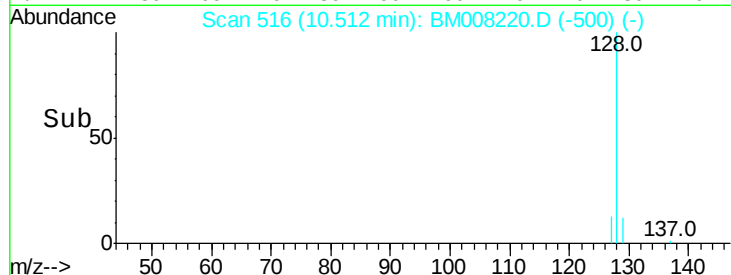
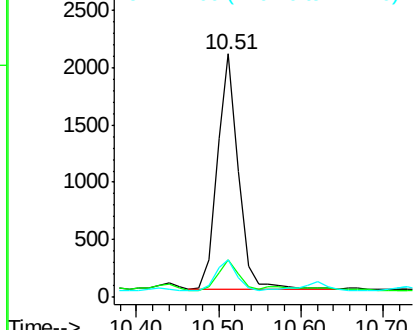
Tot Ion:	128	Resp:	3688
Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	15.3	12.8	19.2

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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



#5

2-Methylnaphthalene

Concen: 1.10 ng/ul

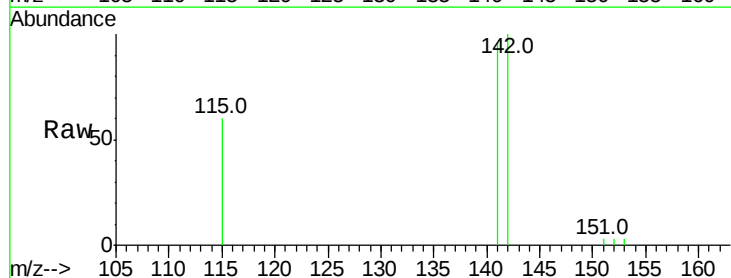
RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

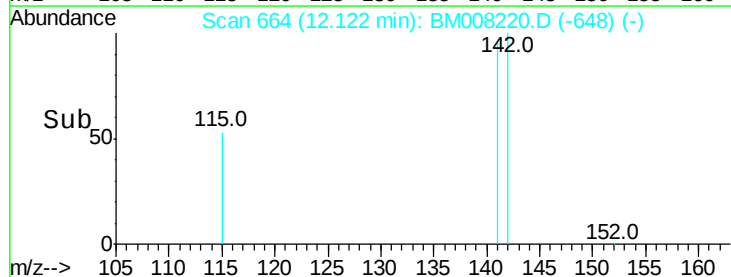
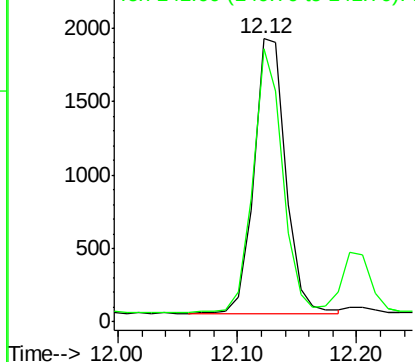
Lab File: BM008220.D

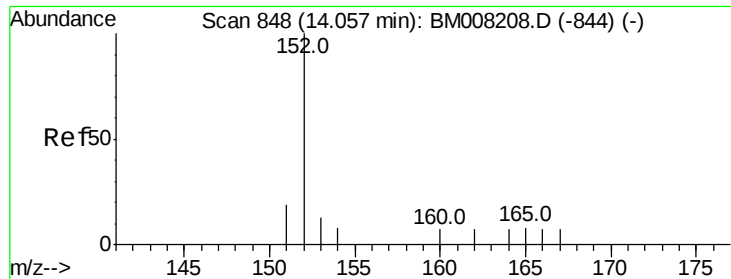
Acq: 10 Dec 2016 00:05

Tgt Ion:	142	Resp:	3477
Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Instrument :

BNA_M

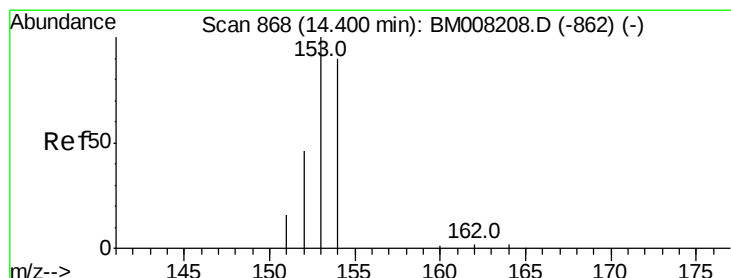
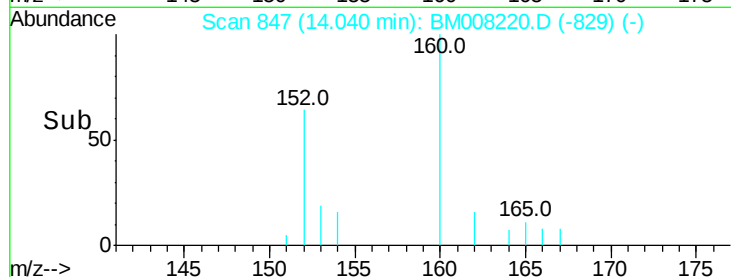
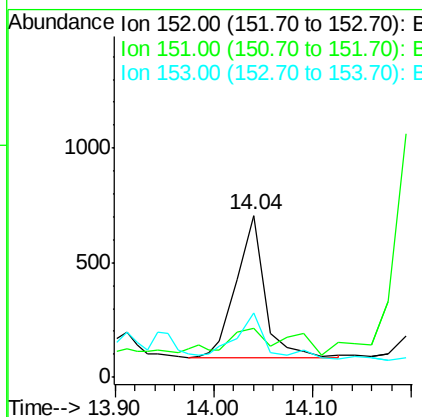
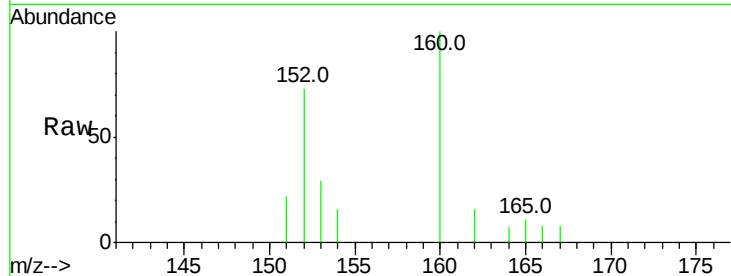
ClientSampleId :

DA800

Tot Ion:	152	Resp:	1125
Ion Ratio	Lower	Upper	
152	100		
151	30.4	17.1	25.7#
153	39.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.15 ng/ul

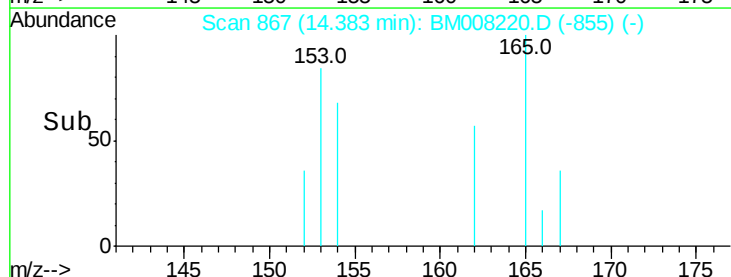
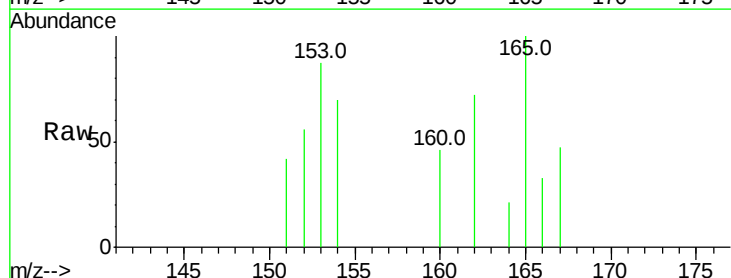
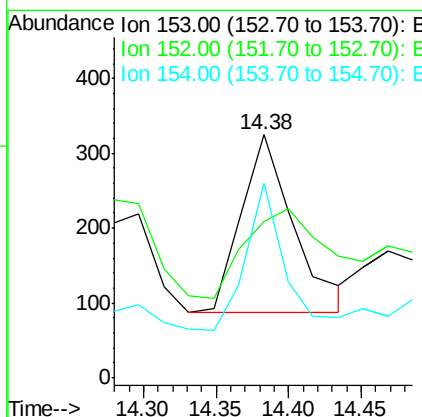
RT: 14.38 min Scan# 867

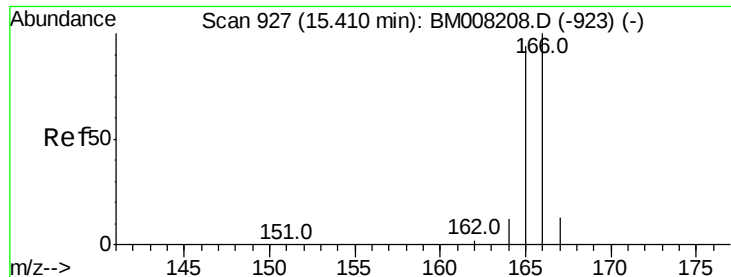
Delta R.T. -0.00 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Tgt Ion:	153	Resp:	597
Ion Ratio	Lower	Upper	
153	100		
152	64.3	40.3	60.5#
154	80.3	71.4	107.2





#9

Fluorene

Concen: 0.28 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Instrument :

BNA_M

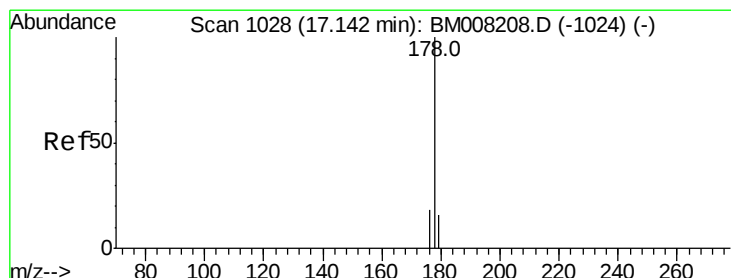
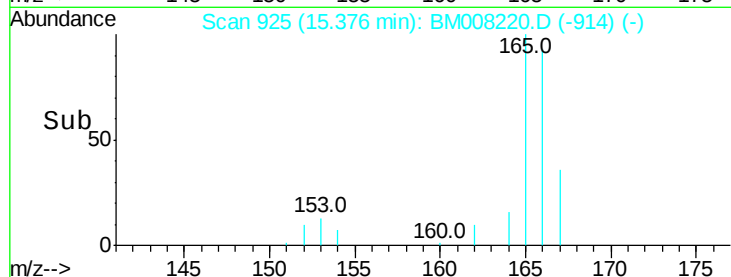
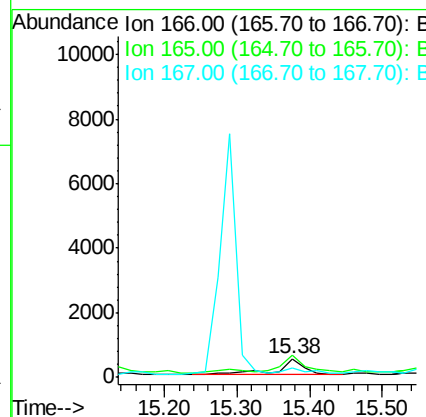
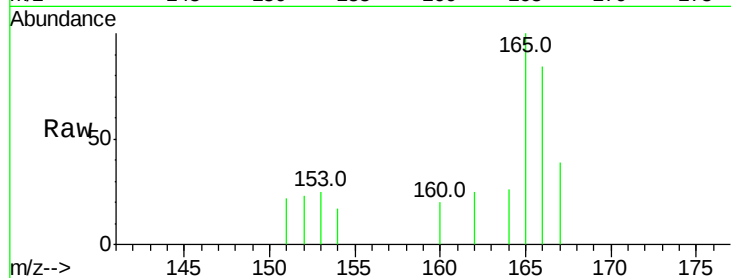
ClientSampleId :

DA800

Tot Ion	Ratio	Lower	Upper
166	100		
165	119.7	73.4	110.2#
167	46.4	14.6	22.0#

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#12

Phenanthrene

Concen: 0.70 ng/ul

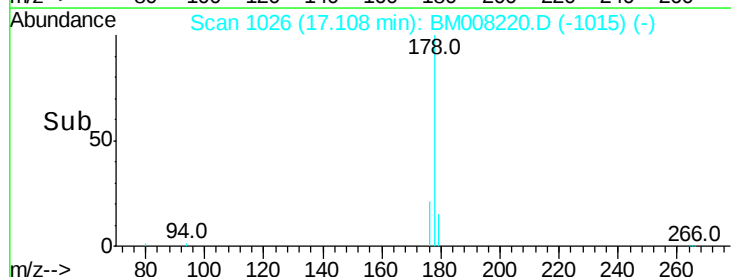
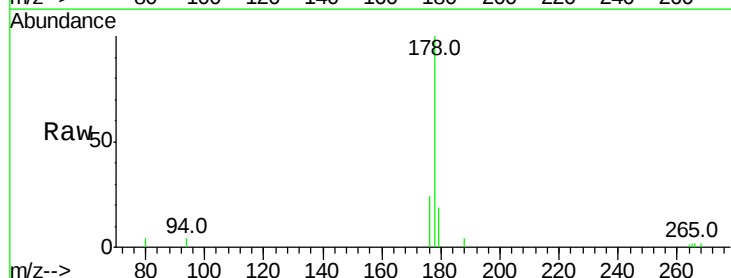
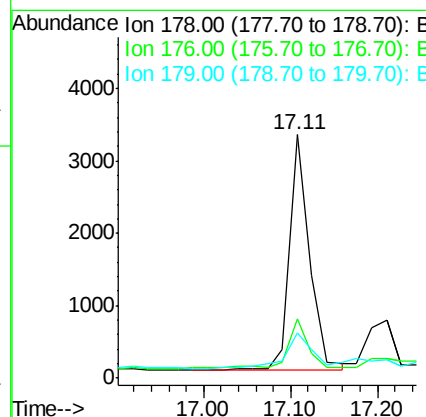
RT: 17.11 min Scan# 1026

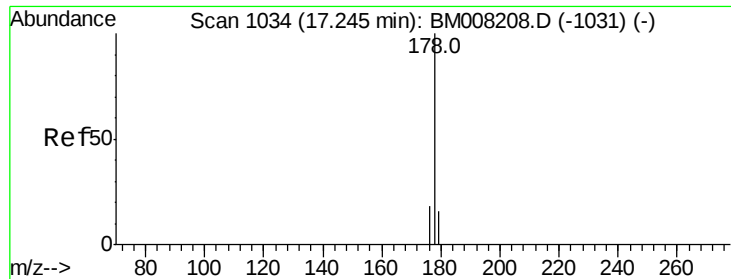
Delta R.T. -0.02 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.4	27.6
179	18.8	13.6	20.4





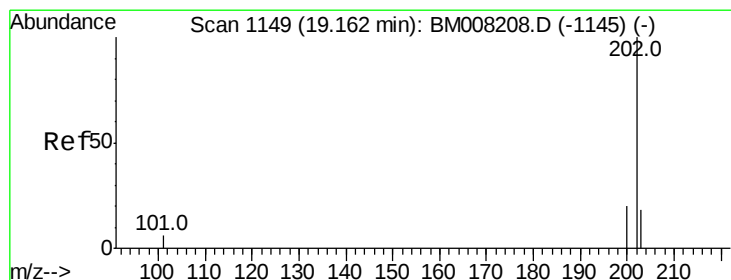
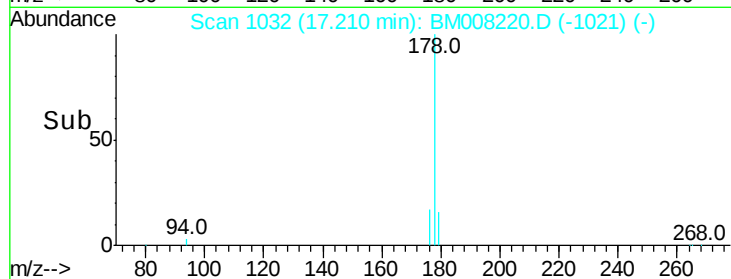
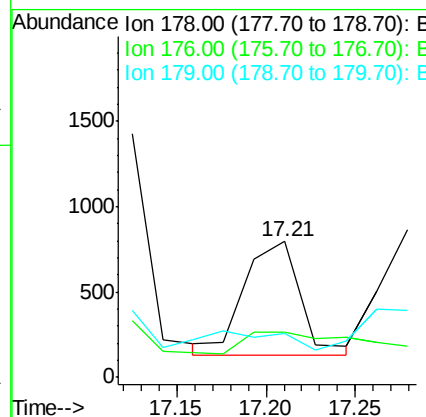
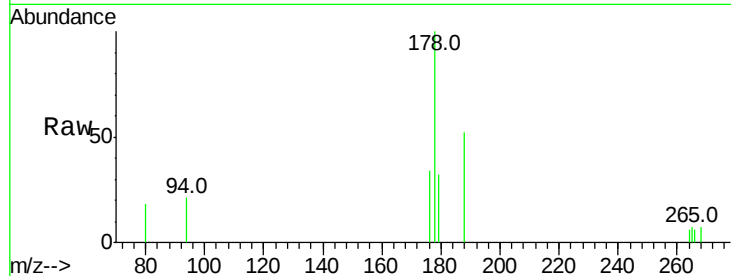
#13
 Anthracene
 Concen: 0.21 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008220.D
 Acq: 10 Dec 2016 00:05

Instrument :
 BNA_M
 ClientSampleId :
 DA800

Tot Ion:178 Resp: 1475
 Ion Ratio Lower Upper
 178 100
 176 33.8 18.1 27.1#
 179 32.0 14.7 22.1#

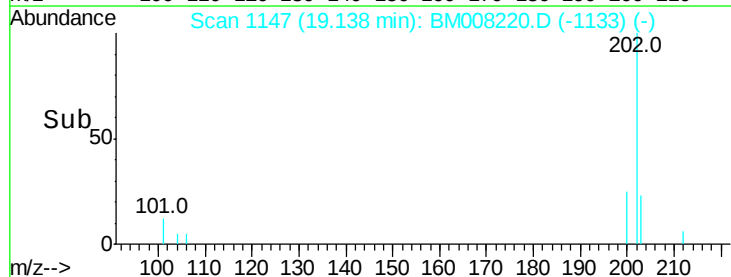
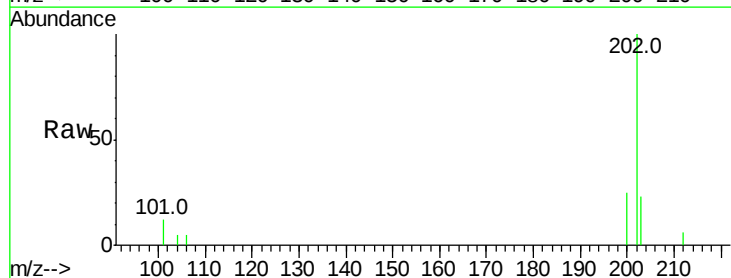
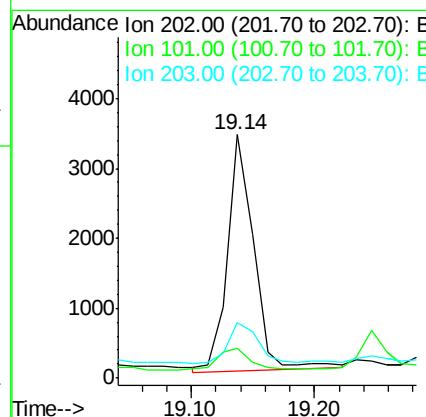
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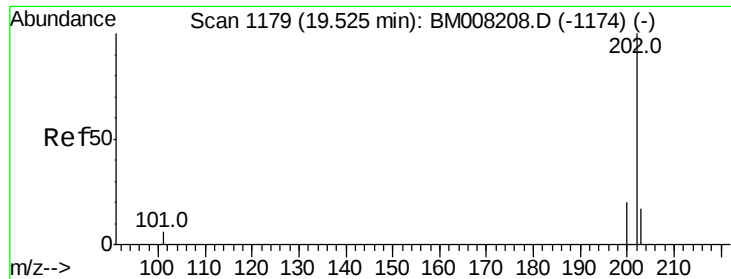
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#15
 Fluoranthene
 Concen: 0.51 ng/ul
 RT: 19.14 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM008220.D
 Acq: 10 Dec 2016 00:05

Tgt Ion:202 Resp: 4984
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 30.3
 203 23.0 0.0 39.5





#17

Pvrene

Concen: 0.75 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Instrument :

BNA_M

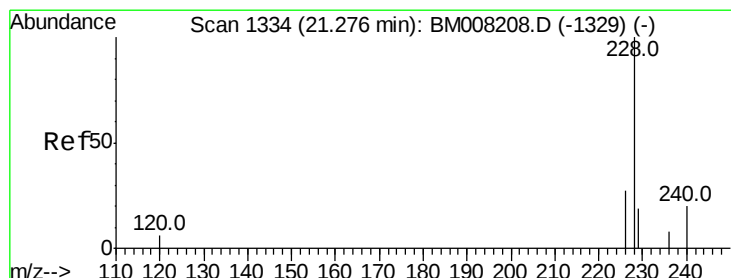
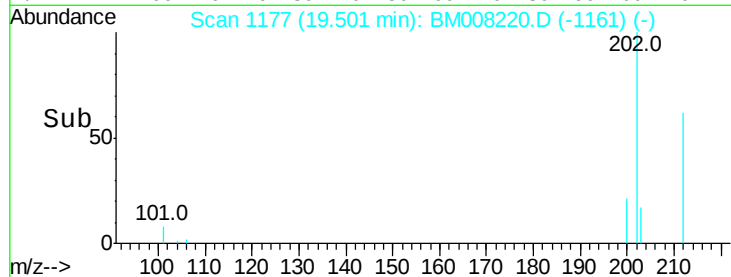
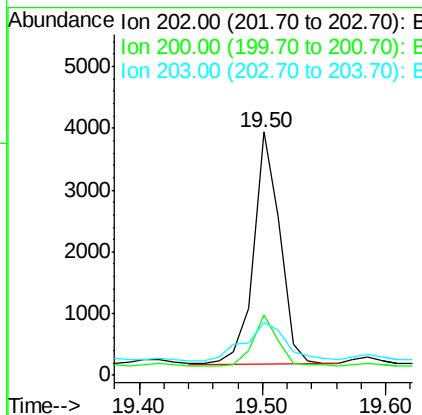
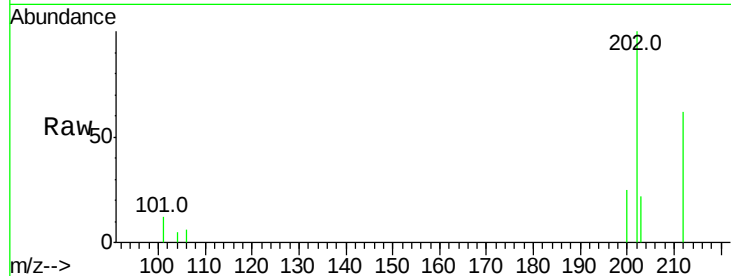
ClientSampleId :

DA800

Tot Ion:	202	Resp:	5591
Ion Ratio	Lower	Upper	
202	100		
200	24.8	18.2	27.4
203	22.0	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.55 ng/ul

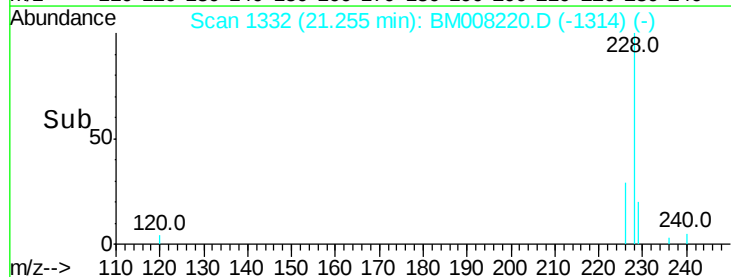
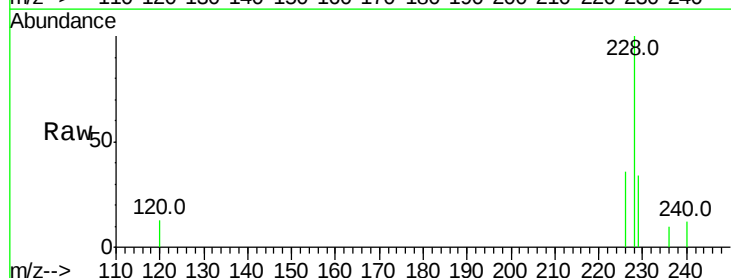
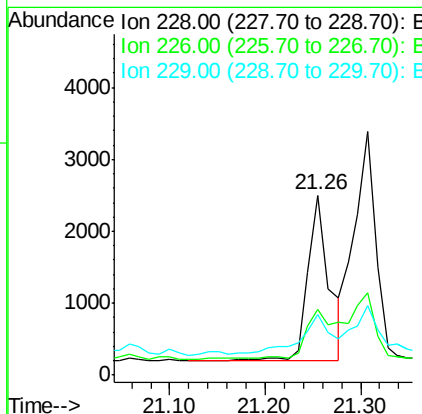
RT: 21.26 min Scan# 1332

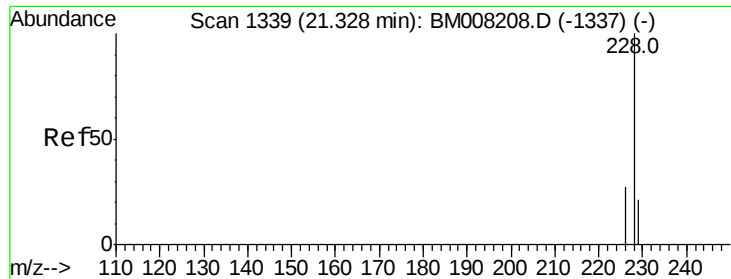
Delta R.T. -0.01 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Tgt Ion:	228	Resp:	3613
Ion Ratio	Lower	Upper	
228	100		
226	36.3	22.8	34.2#
229	34.0	17.0	25.6#





#19

Chrysene

Concen: 0.61 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Instrument :

BNA_M

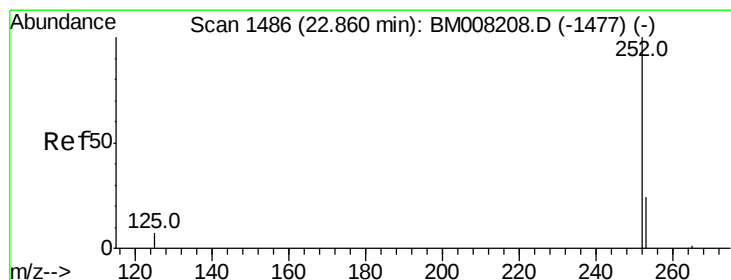
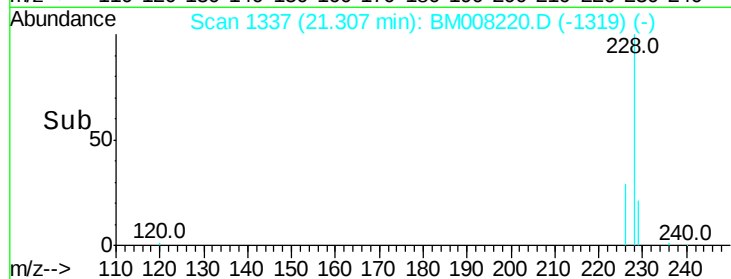
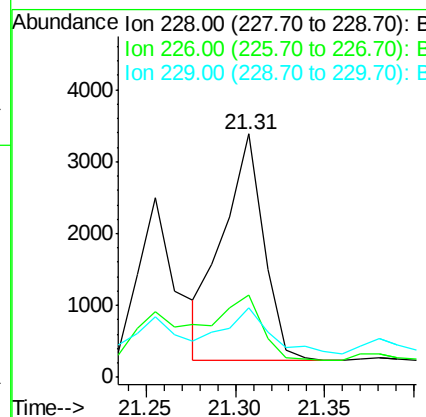
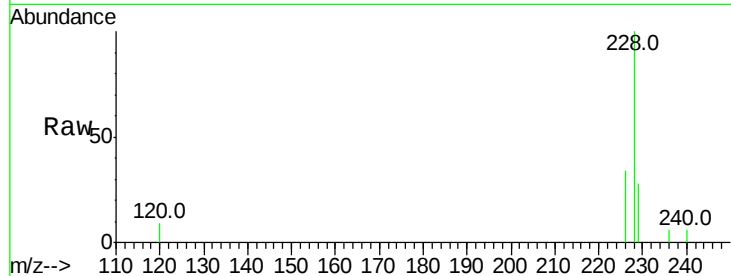
ClientSampleId :

DA800

Tot Ion:	228	Resp:	4979
Ion Ratio	Lower	Upper	
228	100		
226	33.7	23.4	35.0
229	28.3	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.14 ng/ul m

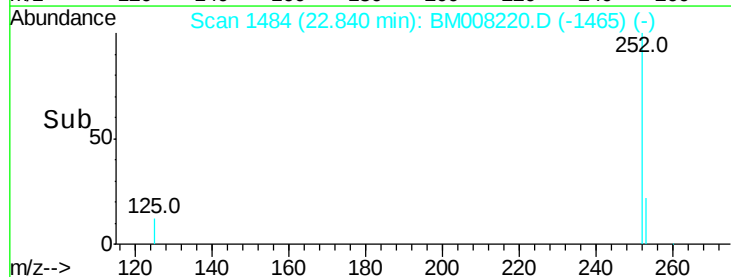
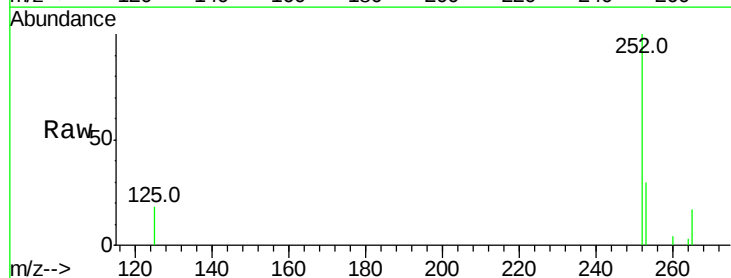
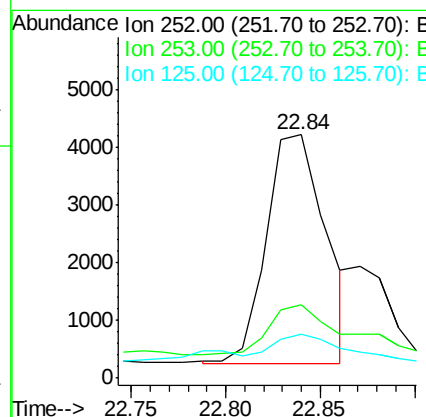
RT: 22.84 min Scan# 1484

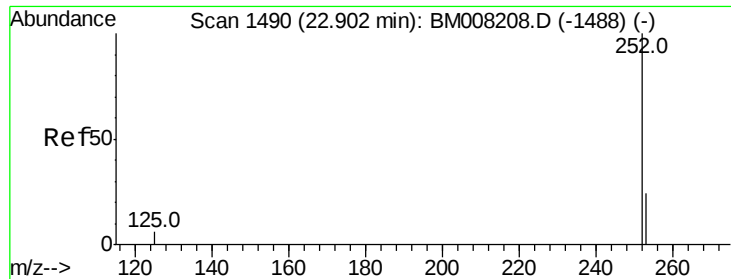
Delta R.T. -0.00 min

Lab File: BM008220.D

Acq: 10 Dec 2016 00:05

Tgt Ion:	252	Resp:	8710
Ion Ratio	Lower	Upper	
252	100		
253	30.2	0.0	64.2
125	18.0	0.0	35.0





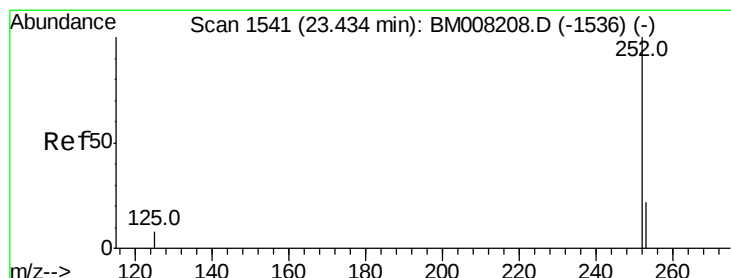
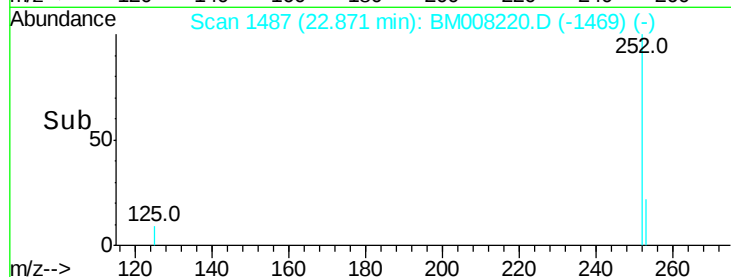
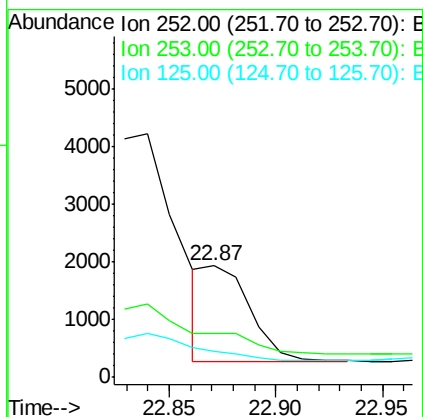
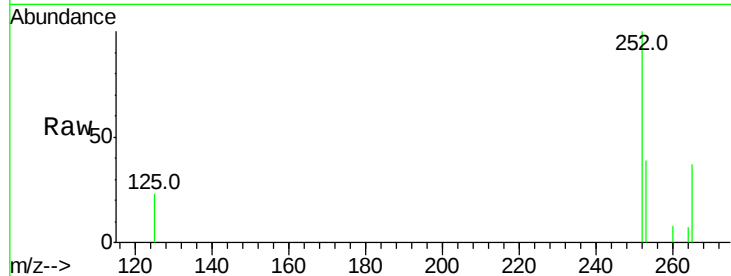
#22
Benzo(k)fluoranthene
Concen: 0.32 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BM008220.D
Acq: 10 Dec 2016 00:05

Instrument :
BNA_M
ClientSampleId :
DA800

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.9	24.5	36.7#
125	23.5	13.7	20.5#

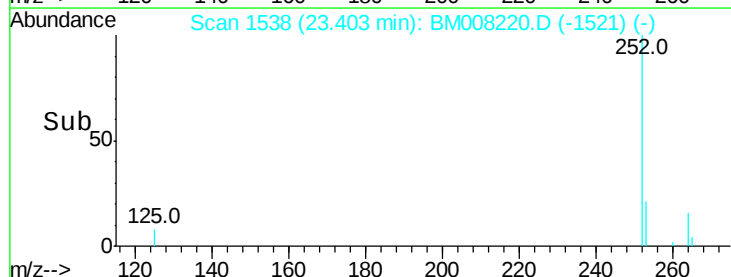
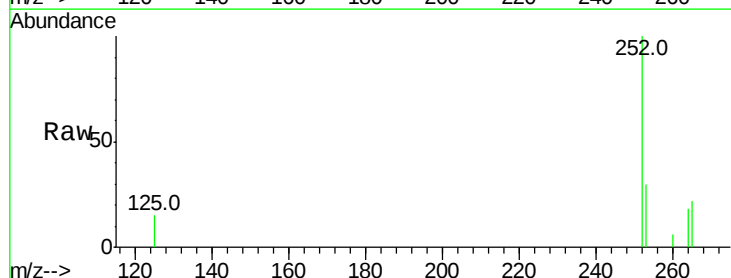
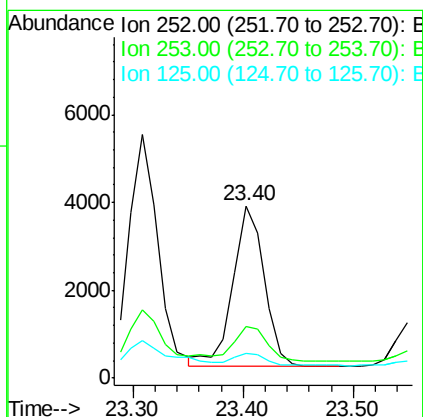
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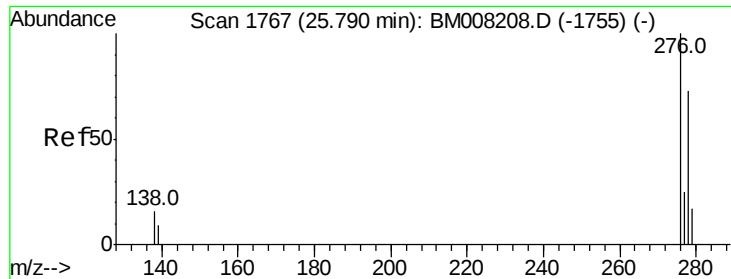
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#23
Benzo(a)pyrene
Concen: 1.01 ng/ul
RT: 23.40 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BM008220.D
Acq: 10 Dec 2016 00:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	28.5	42.7
125	14.7	18.1	27.1#





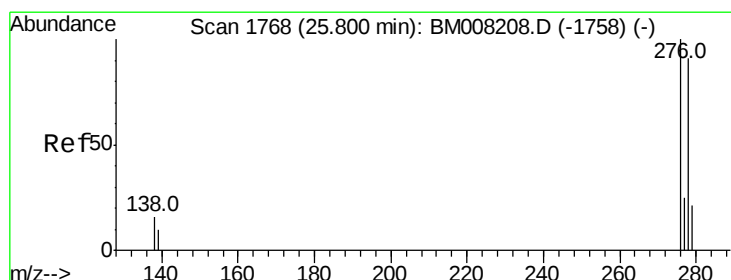
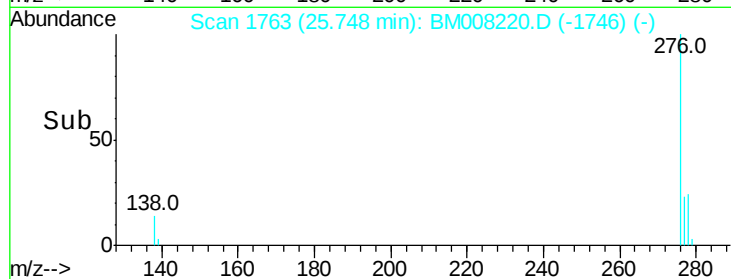
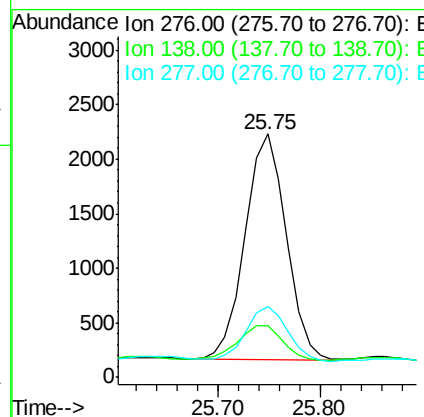
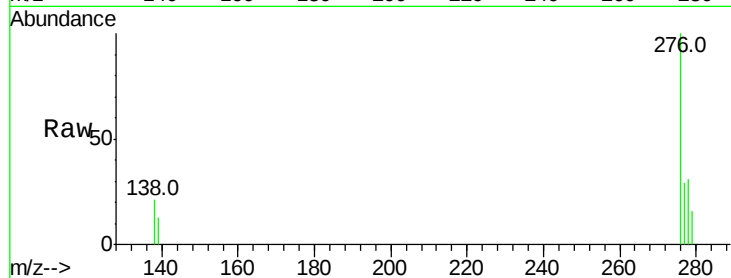
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.66 ng/ul
 RT: 25.75 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM008220.D
 Acq: 10 Dec 2016 00:05

Instrument :
 BNA_M
 ClientSampleId :
 DA800

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	19.1	28.7#
277	24.3	19.6	29.4

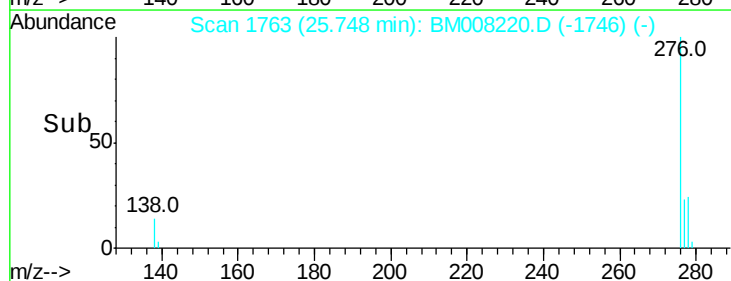
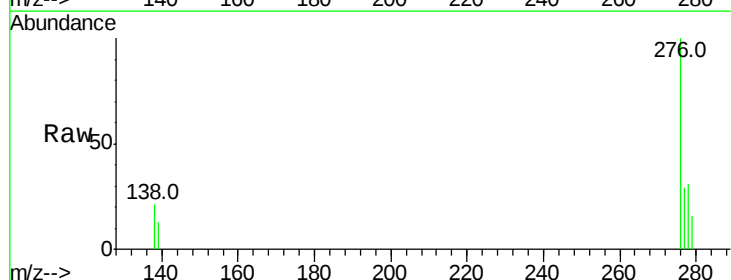
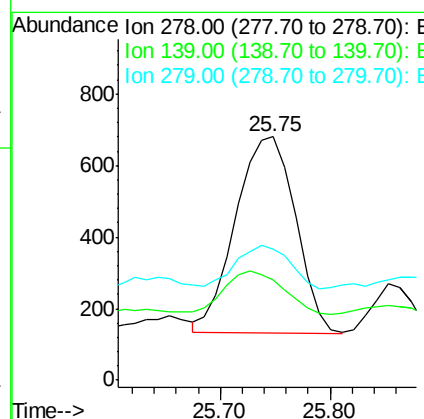
Manual Integrations
 APPROVED

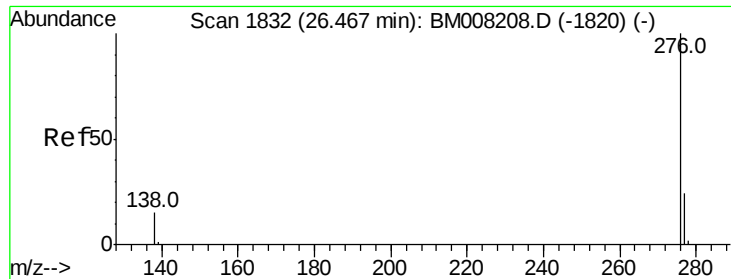
UMANGI
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.29 ng/ul
 RT: 25.75 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM008220.D
 Acq: 10 Dec 2016 00:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.1	17.4	26.0#
279	54.0	25.9	38.9#





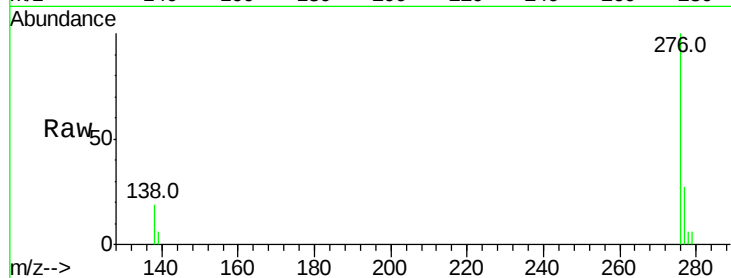
#26
 Benzo(a,h,i)perylene
 Concen: 1.17 ng/ul
 RT: 26.44 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM008220.D
 Acq: 10 Dec 2016 00:05

Instrument :
 BNA_M
 ClientSampleId :
 DA800

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.0	21.8	32.8
138	18.9	20.5	30.7

Manual Integrations
 APPROVED

UMANGI
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

