

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
 Data File : BM008265.D
 Acq On : 12 Dec 2016 16:08
 Operator : UM/SJ
 Sample : H5905-09DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA809DL

Manual Integrations
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Quant Time: Dec 13 03:02:40 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	630	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2102	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2081	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2052	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1945	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	131	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	279m	0.05	ng/ul	-0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.51	128	1441	0.25	ng/ul#	92
5) 2-Methylnaphthalene	12.14	142	1589	0.42	ng/ul	94
7) Acenaphthylene	14.04	152	1209	0.22	ng/ul#	89
8) Acenaphthene	14.38	153	114	0.03	ng/ul#	83
9) Fluorene	15.38	166	104	0.02	ng/ul#	47
12) Phenanthrene	17.11	178	2510	0.39	ng/ul	97
13) Anthracene	17.21	178	1377m	0.23	ng/ul	
15) Fluoranthene	19.14	202	4216m	0.50	ng/ul	
17) Pyrene	19.51	202	5028	0.71	ng/ul	97
18) Benzo(a)anthracene	21.25	228	4906	0.78	ng/ul	95
19) Chrysene	21.30	228	7567	0.97	ng/ul	93
21) Benzo(b)fluoranthene	22.84	252	14545m	1.87	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	3631m	0.45	ng/ul	
23) Benzo(a)pyrene	23.41	252	7255m	1.00	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	6823	0.76	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	1822	0.25	ng/ul#	87
26) Benzo(a,h,i)perylene	26.44	276	5913	0.74	ng/ul#	91

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

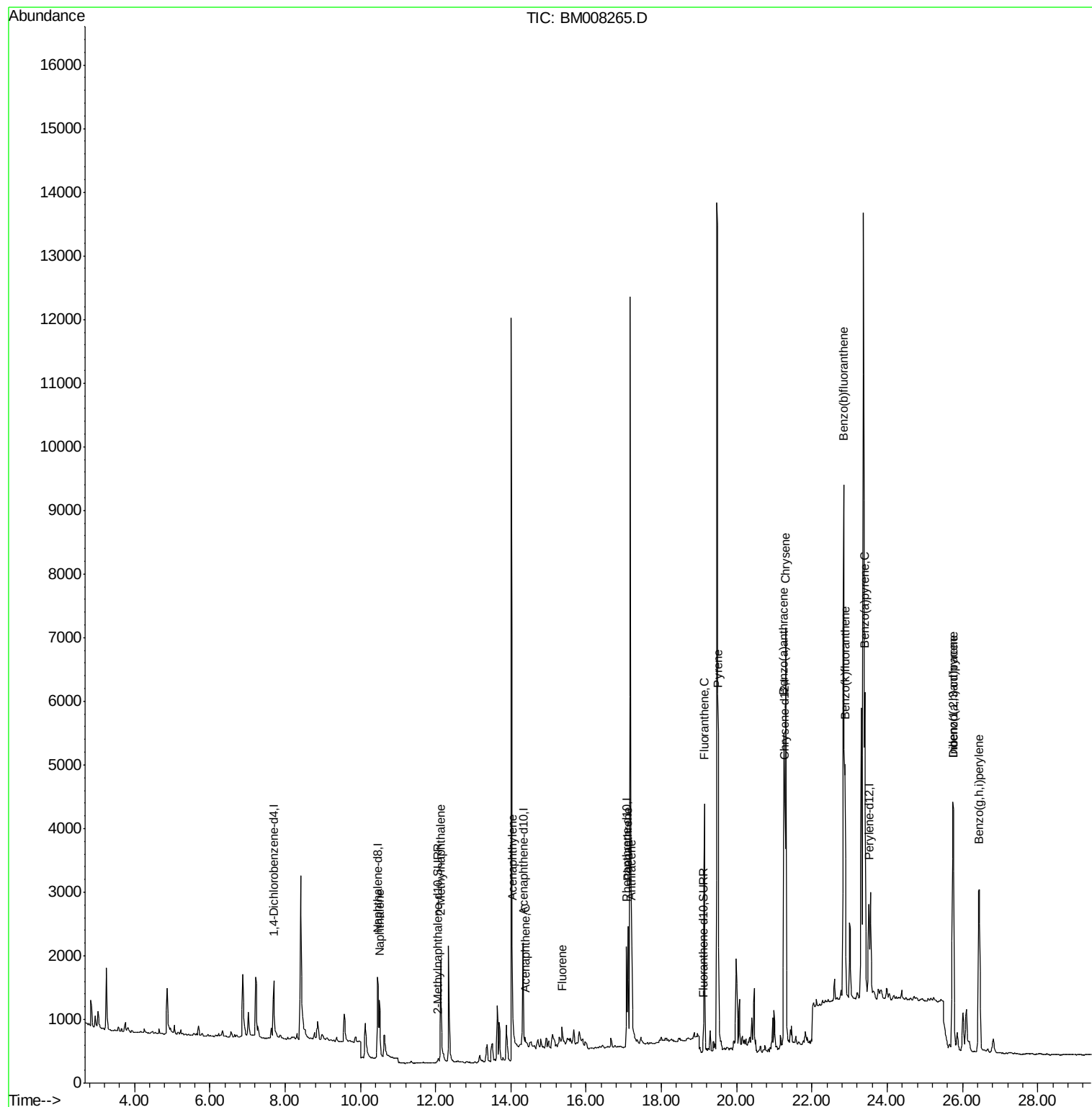
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
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ALS Vial : 9 Sample Multiplier: 1

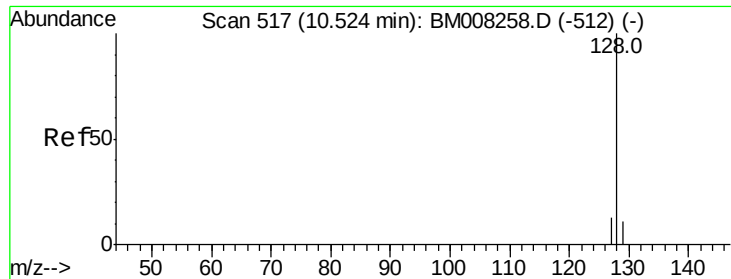
Instrument :
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Quant Time: Dec 13 03:02:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
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#3

Naphthalene

Concen: 0.25 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

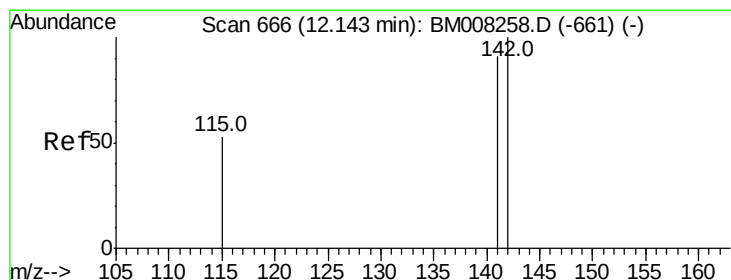
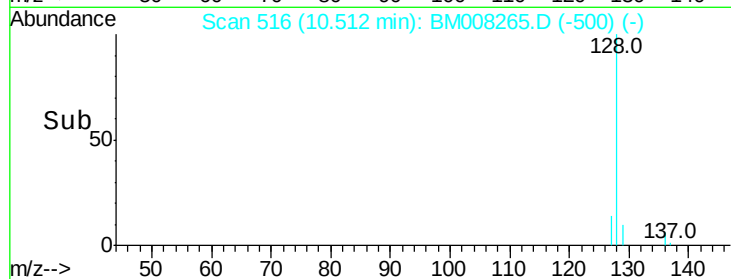
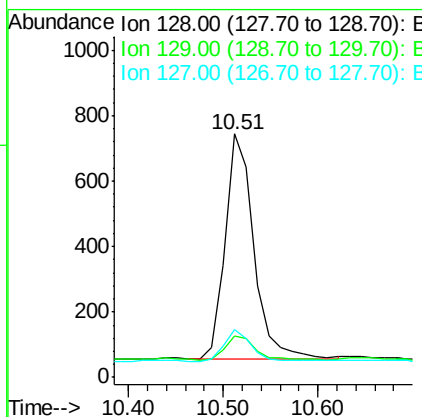
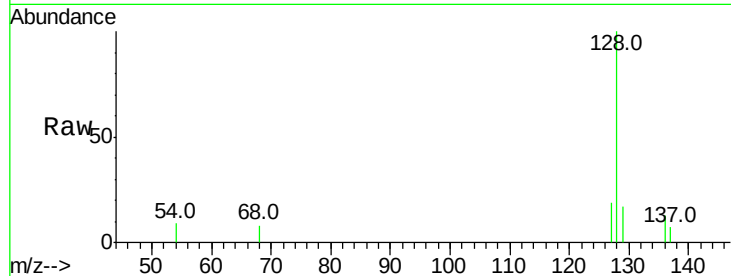
ClientSampleID :

DA809DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.2	11.3	16.9#
127	19.5	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.42 ng/ul

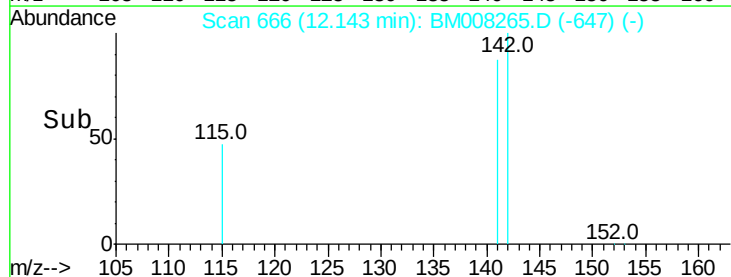
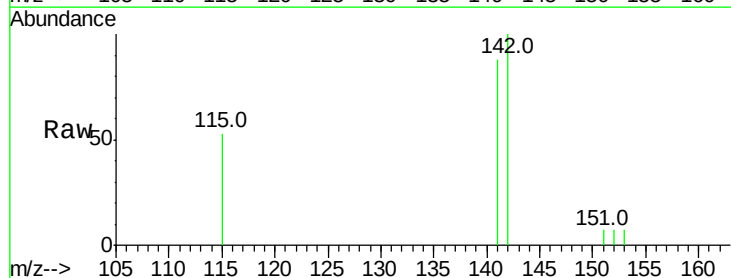
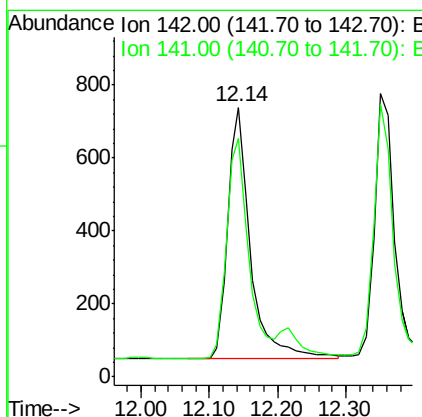
RT: 12.14 min Scan# 666

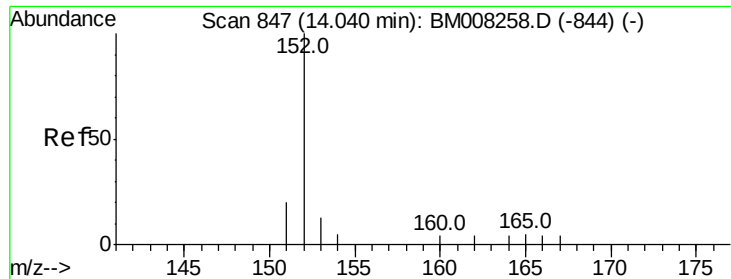
Delta R.T. 0.00 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.22 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

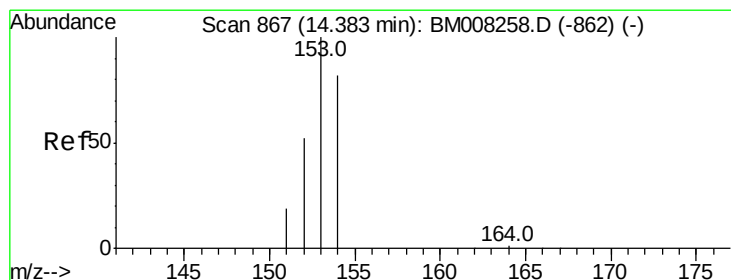
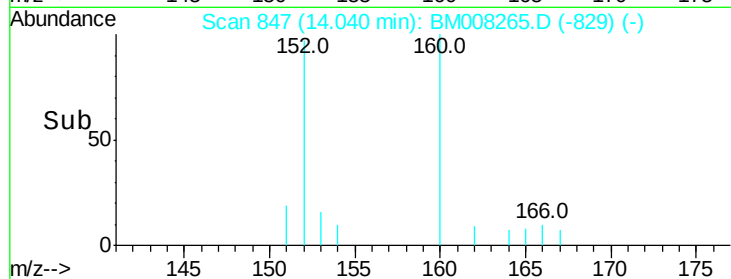
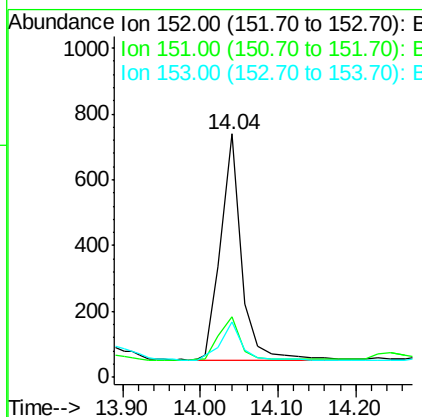
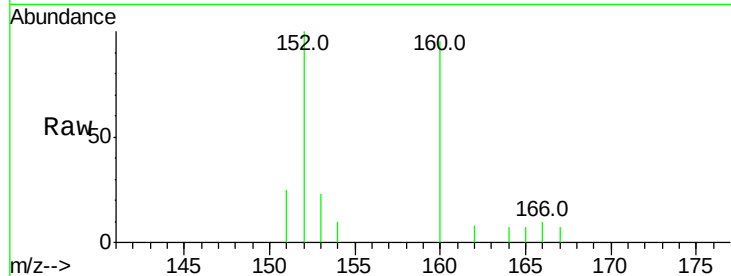
ClientSampleID :

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Tot Ion:	152	Resp:	1209
Ion Ratio	Lower	Upper	
152	100		
151	25.0	17.1	25.7
153	22.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.03 ng/ul

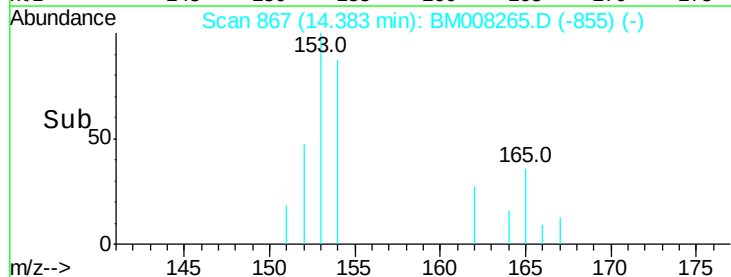
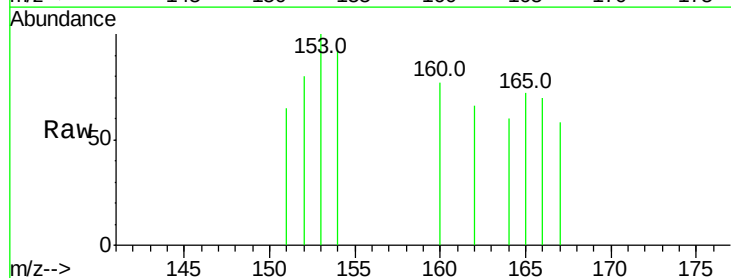
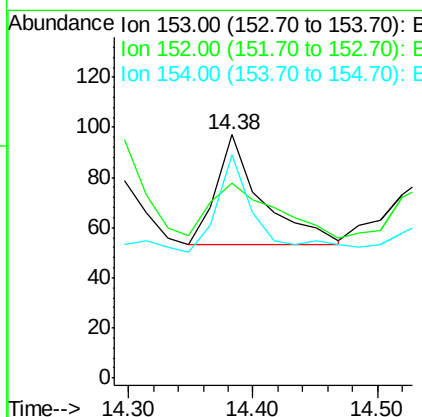
RT: 14.38 min Scan# 867

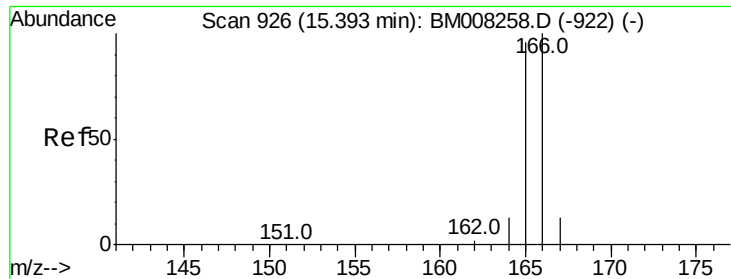
Delta R.T. 0.00 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Tgt Ion:	153	Resp:	114
Ion Ratio	Lower	Upper	
153	100		
152	80.4	40.3	60.5
154	91.8	71.4	107.2





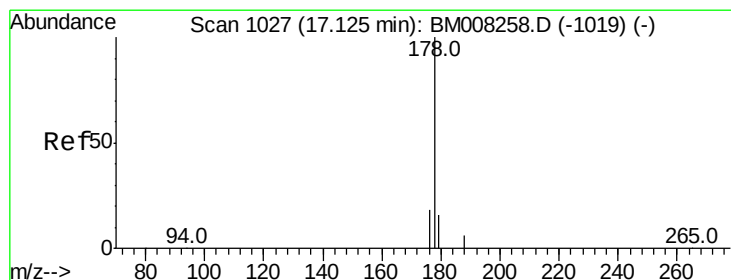
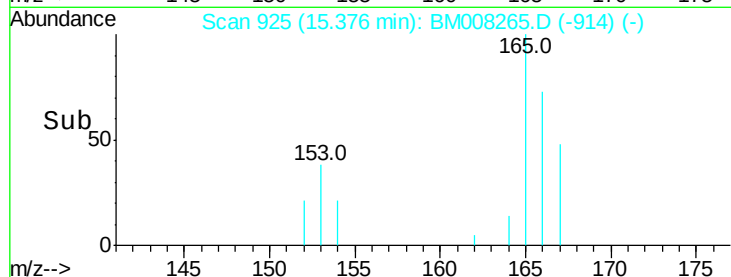
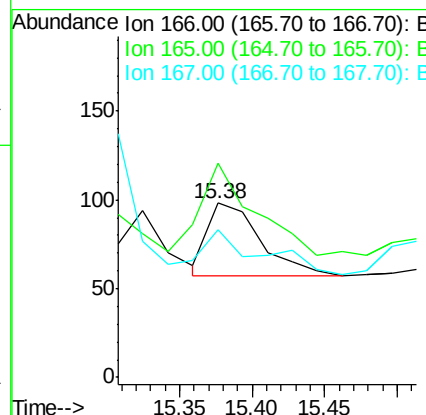
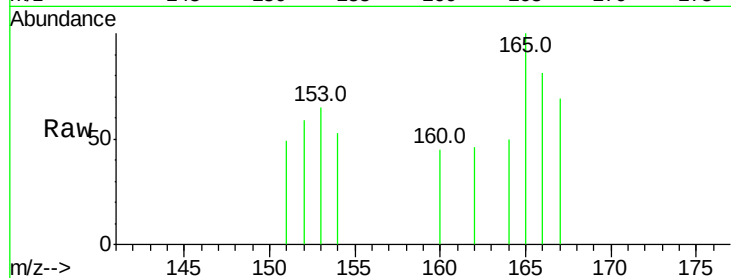
#9
Fluorene
Concen: 0.02 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM008265.D
Acq: 12 Dec 2016 16:08

Instrument :
BNA_M
ClientSampleID :
DA809DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	123.5	73.4	110.2#
167	84.7	14.6	22.0#

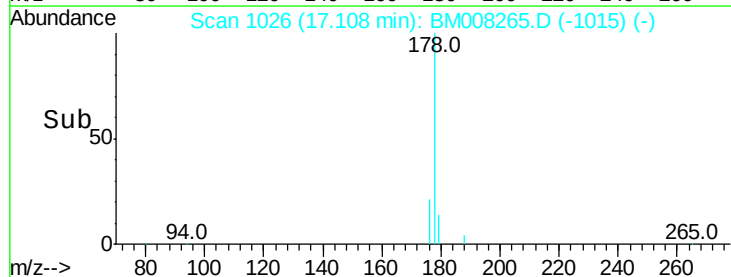
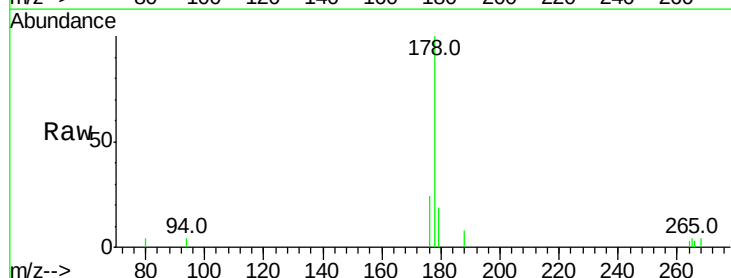
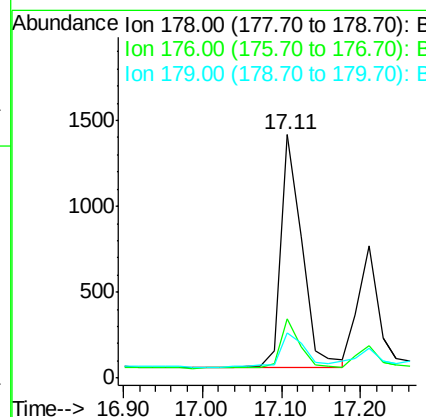
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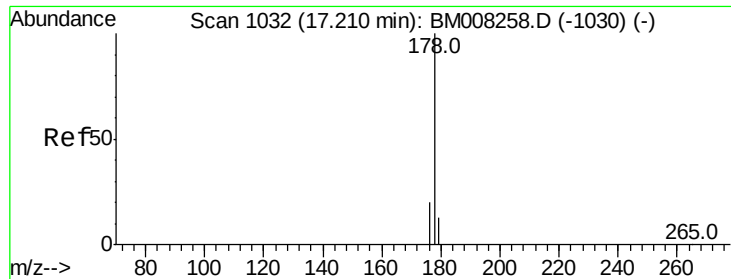
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#12
Phenanthrene
Concen: 0.39 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008265.D
Acq: 12 Dec 2016 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.4	27.6
179	18.5	13.6	20.4





#13

Anthracene

Concen: 0.23 ng/ul m

RT: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

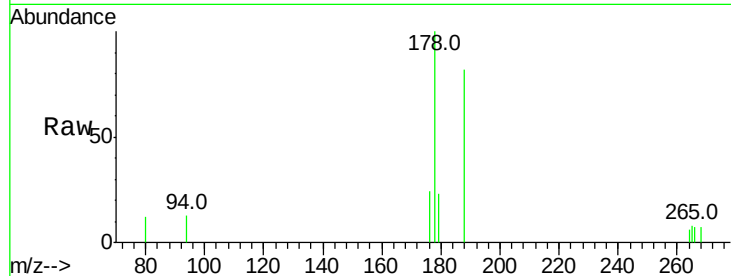
ClientSampleId :

DA809DL

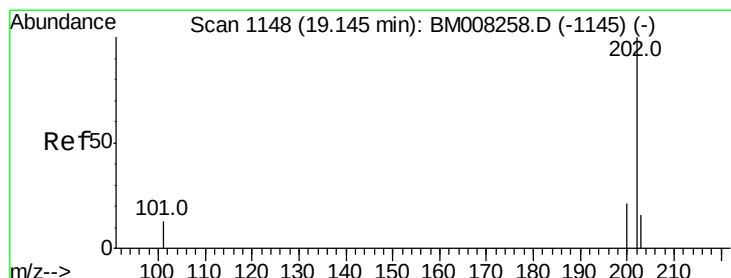
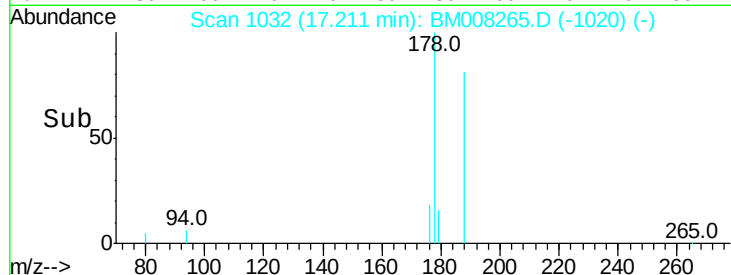
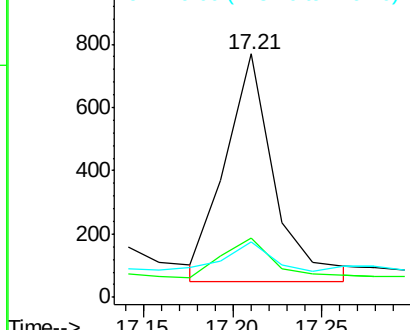
Tot Ion:	178	Resp:	1377
Ion	Ratio	Lower	Upper
178	100		
176	24.2	18.1	27.1
179	23.0	14.7	22.1#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.50 ng/ul m

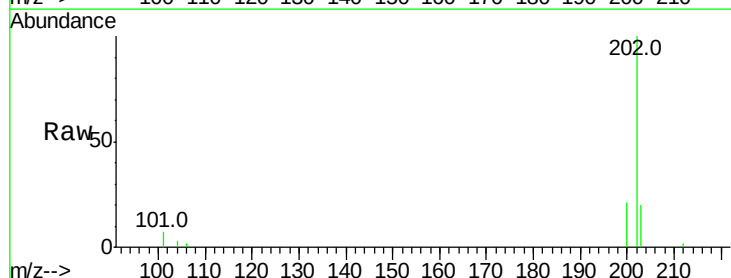
RT: 19.14 min Scan# 1148

Delta R.T. 0.00 min

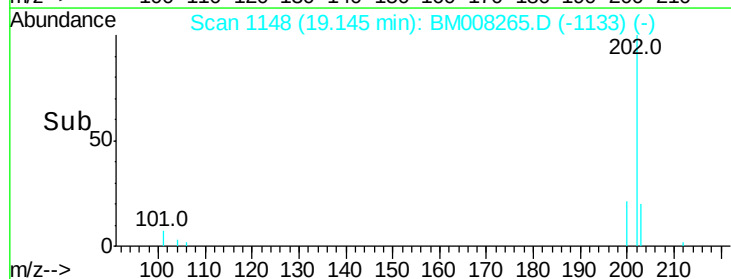
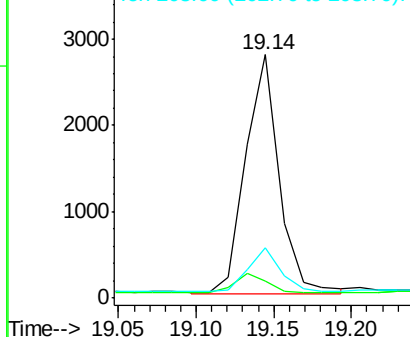
Lab File: BM008265.D

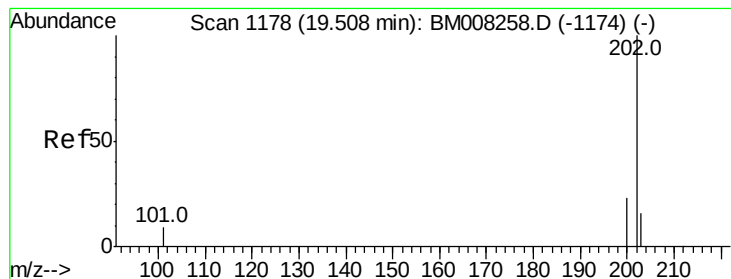
Acq: 12 Dec 2016 16:08

Tgt Ion:	202	Resp:	4216
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	30.3
203	20.5	0.0	39.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 0.71 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

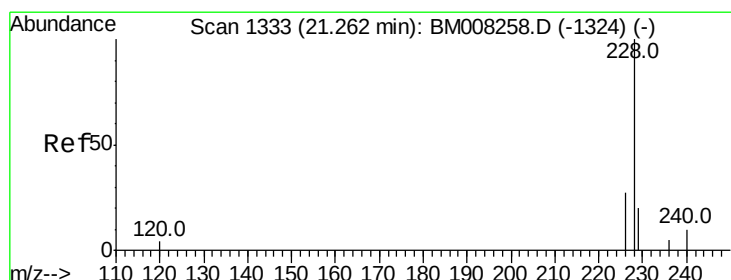
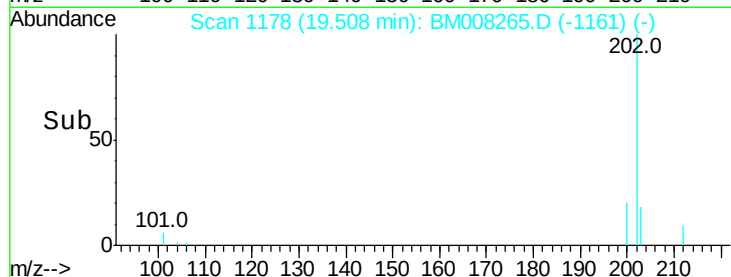
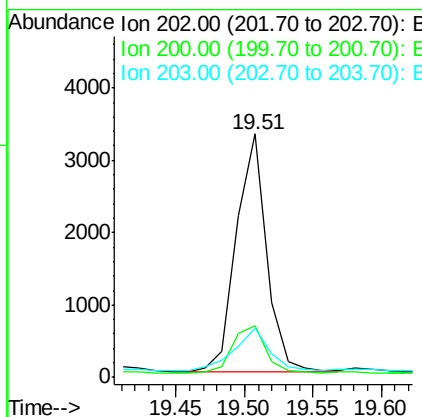
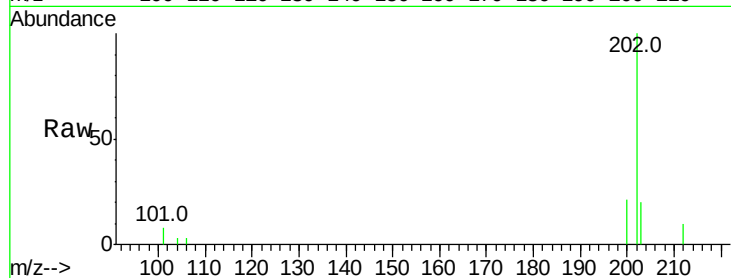
ClientSampleId :

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Tot Ion:	202	Resp:	5028
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.2	27.4
203	20.3	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.78 ng/ul

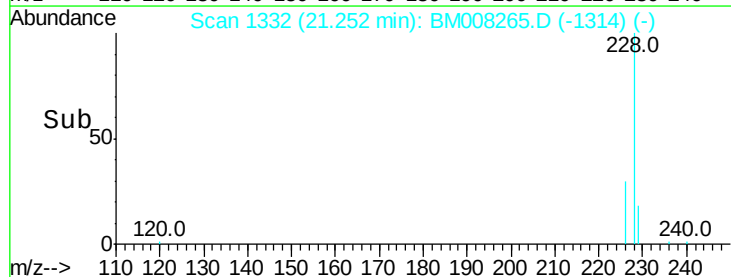
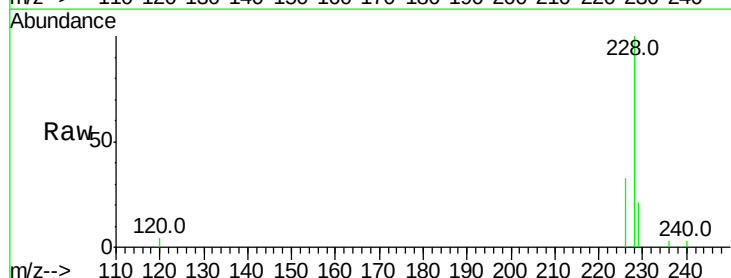
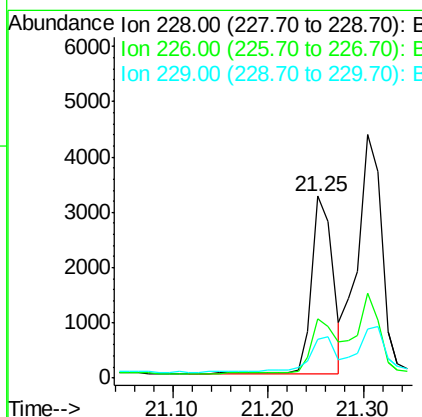
RT: 21.25 min Scan# 1332

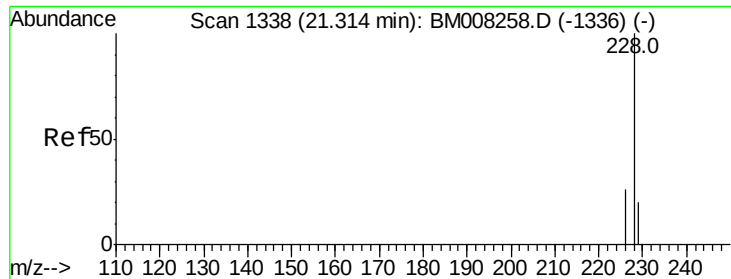
Delta R.T. -0.01 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Tgt Ion:	228	Resp:	4906
Ion Ratio	Lower	Upper	
228	100		
226	32.7	22.8	34.2
229	21.5	17.0	25.6





#19

Chrysene

Concen: 0.97 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

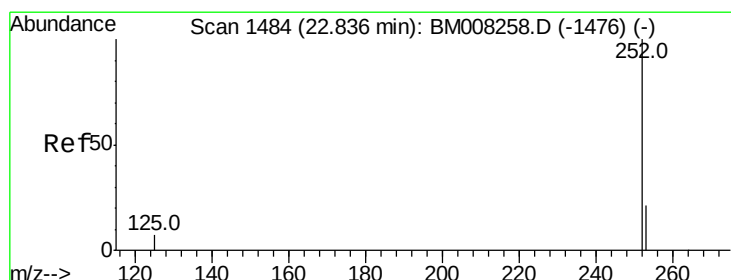
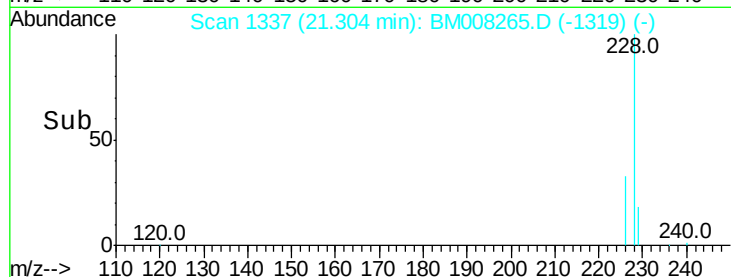
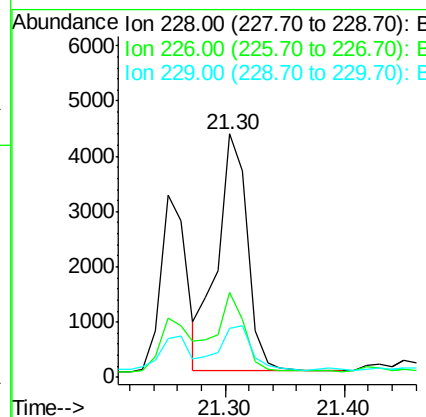
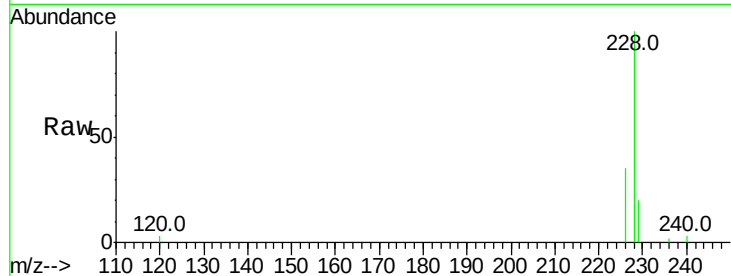
ClientSampled :

DA809DL

Tot Ion:228	Resp:	7567
Ion Ratio	Lower	Upper
228 100		
226 34.7	23.4	35.0
229 20.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.87 ng/ul m

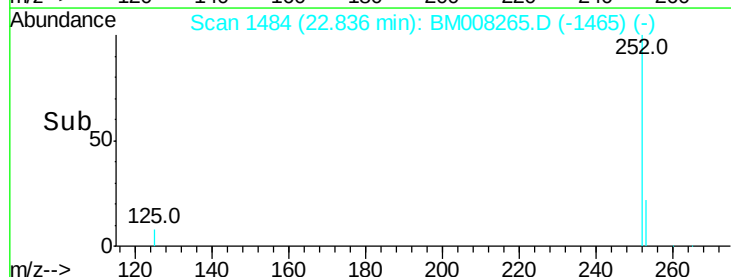
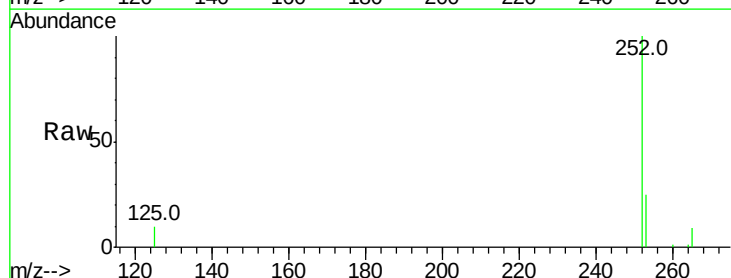
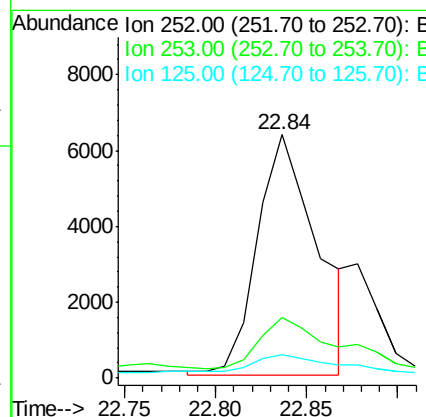
RT: 22.84 min Scan# 1484

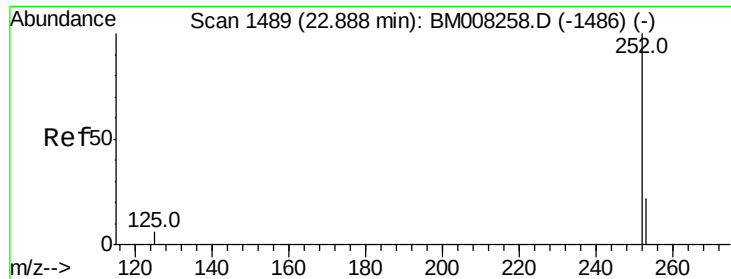
Delta R.T. 0.00 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Tgt Ion:252	Resp:	14545
Ion Ratio	Lower	Upper
252 100		
253 25.0	0.0	64.2
125 9.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.45 ng/ul m

RT: 22.88 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

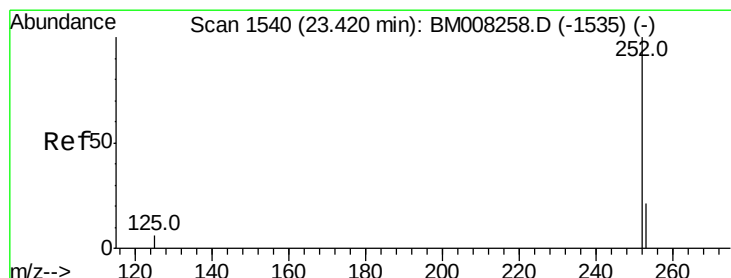
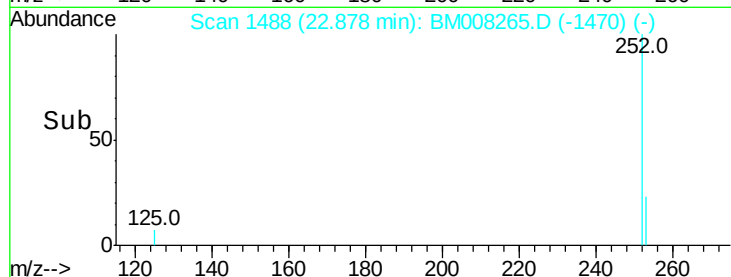
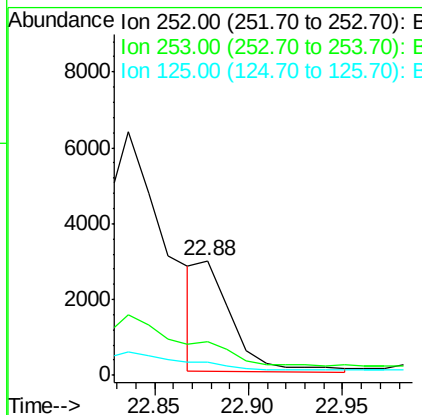
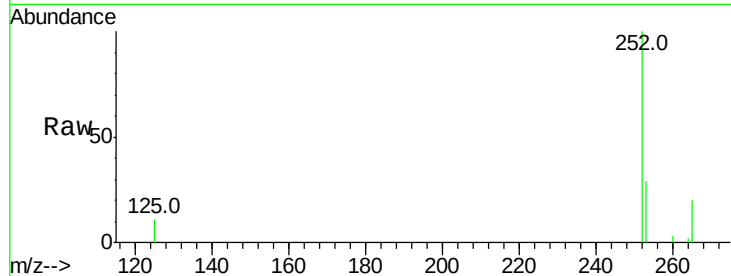
ClientSampleId :

DA809DL

Tot Ion:	252	Resp:	3631
Ion Ratio	Lower	Upper	
252	100		
253	29.3	24.5	36.7
125	11.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.00 ng/ul m

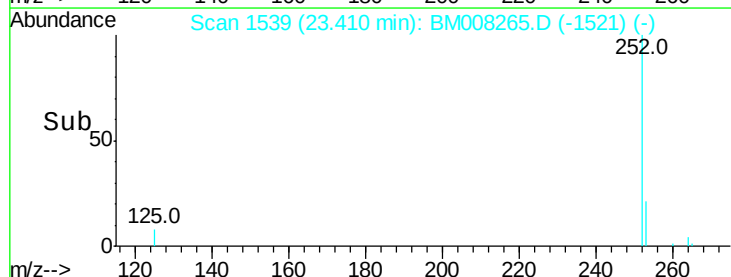
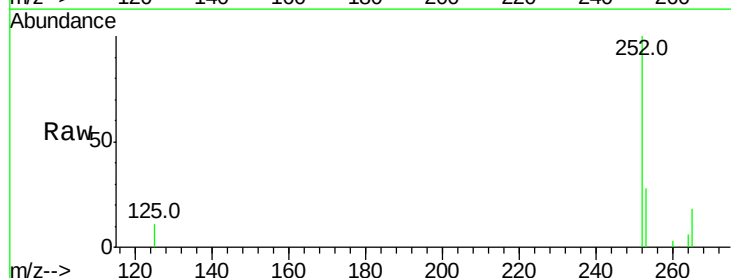
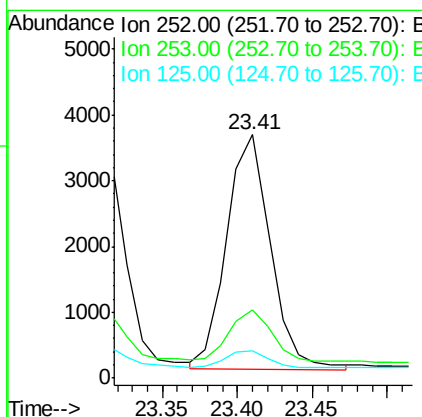
RT: 23.41 min Scan# 1539

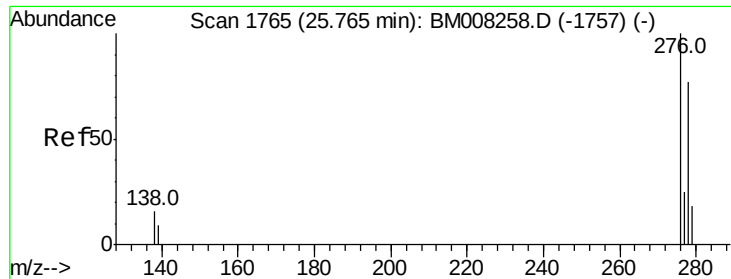
Delta R.T. -0.01 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Tgt Ion:	252	Resp:	7255
Ion Ratio	Lower	Upper	
252	100		
253	28.1	28.5	42.7#
125	11.4	18.1	27.1#





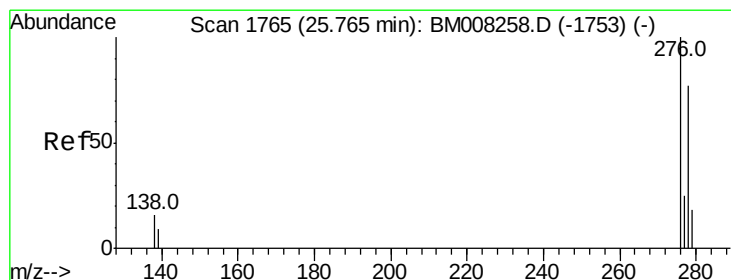
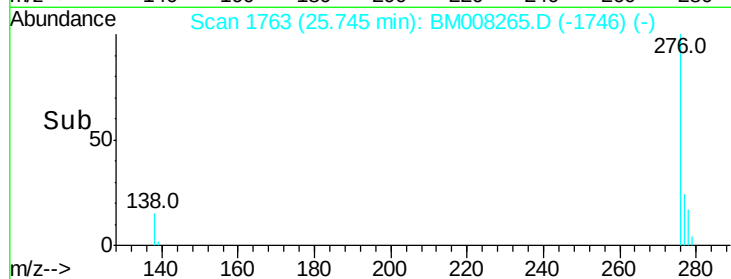
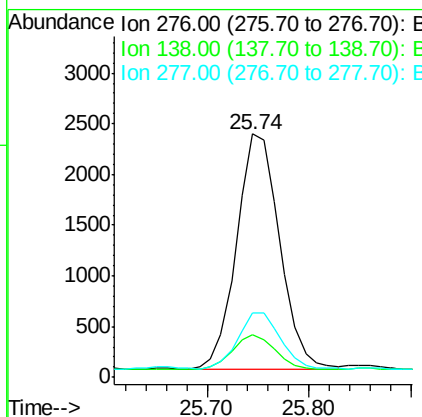
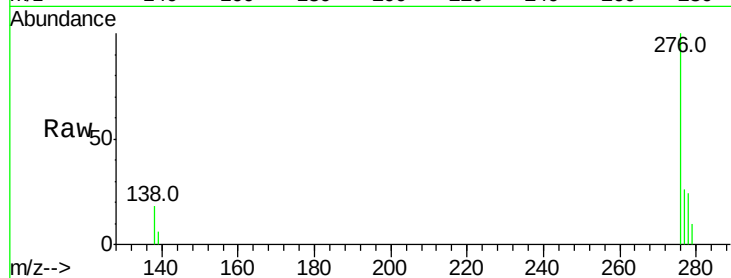
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.76 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM008265.D
 Acq: 12 Dec 2016 16:08

Instrument :
 BNA_M
 ClientSampleID :
 DA809DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	19.1	28.7#
277	23.9	19.6	29.4

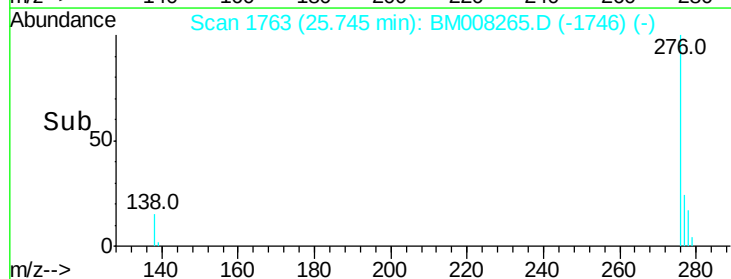
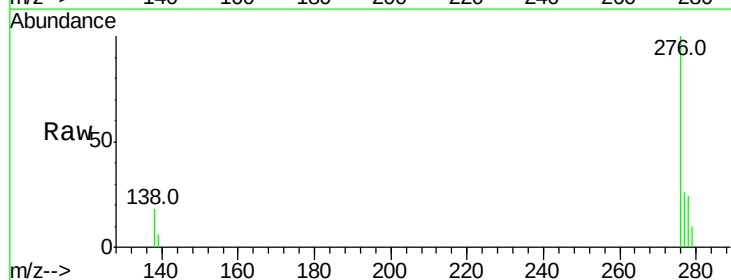
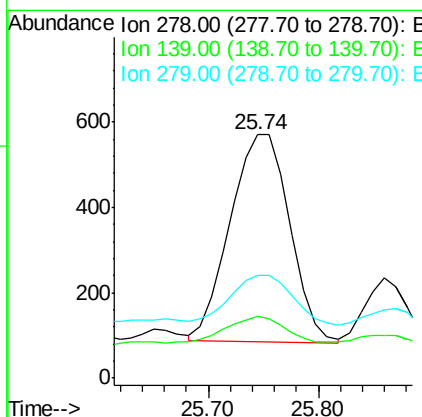
Manual Integrations
 APPROVED

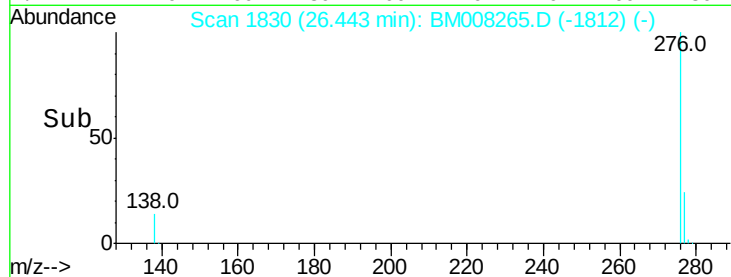
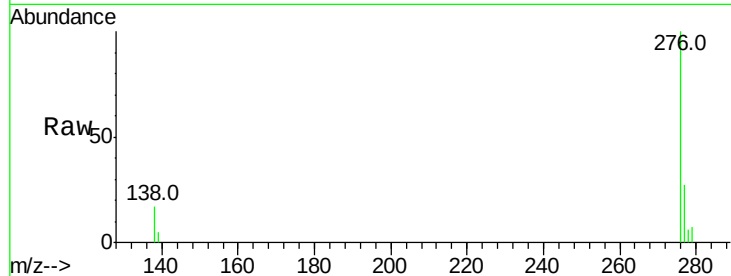
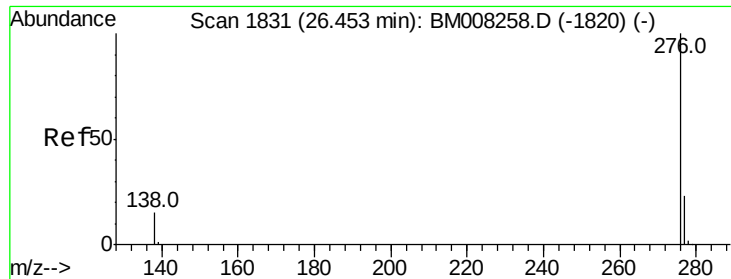
umangi
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.25 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BM008265.D
 Acq: 12 Dec 2016 16:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.4	17.4	26.0
279	42.0	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.74 ng/ul

RT: 26.44 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM008265.D

Acq: 12 Dec 2016 16:08

Instrument :

BNA_M

ClientSampleId :

DA809DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	21.8	32.8
138	16.9	20.5	30.7

Manual Integrations
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