

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008555.D
 Acq On : 22 Dec 2016 14:44
 Operator : UM/SJ
 Sample : H5970-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA861

Manual Integrations
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Quant Time: Dec 22 17:51:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 13:27:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	446	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1782	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	3174	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13688	0.40	ng/ul	-0.07
16) Chrysene-d12	21.26	240	2498m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1454m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	817m	0.30	ng/ul	-0.05
14) Fluoranthene-d10	19.07	212	16400m	0.44	ng/ul	-0.02
Target Compounds						
					Ovalue	
3) Naphthalene	10.46	128	23459	4.68	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	59744	17.70	ng/ul	100
7) Acenaphthylene	14.01	152	15913	1.11	ng/ul#	1
8) Acenaphthene	14.35	153	35862	3.32	ng/ul	90
9) Fluorene	15.36	166	70572	5.73	ng/ul	97
12) Phenanthrene	17.09	178	190071	4.55	ng/ul#	93
13) Anthracene	17.18	178	24021	0.59	ng/ul#	69
15) Fluoranthene	19.12	202	57041	1.11	ng/ul	88
17) Pyrene	19.48	202	108617	11.25	ng/ul	94
18) Benzo(a)anthracene	21.24	228	20996m	2.56	ng/ul	
19) Chrysene	21.29	228	22899m	2.55	ng/ul	
21) Benzo(b)fluoranthene	22.83	252	17523m	3.06	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	2742m	0.49	ng/ul	
23) Benzo(a)pyrene	23.40	252	13049m	2.46	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	6242m	0.99	ng/ul	
26) Benzo(a,h,i)perylene	26.44	276	7295m	1.34	ng/ul	

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

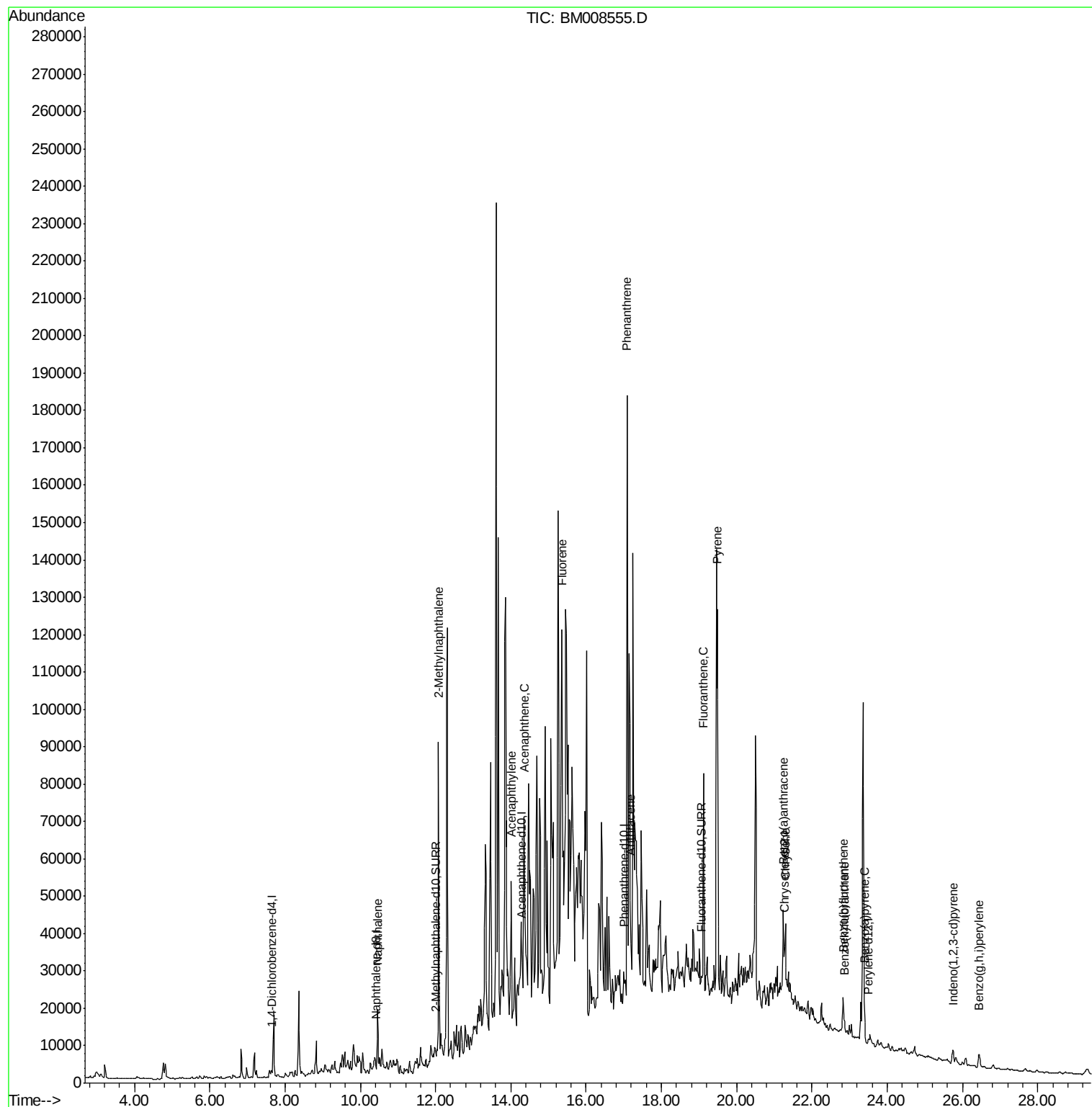
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008555.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

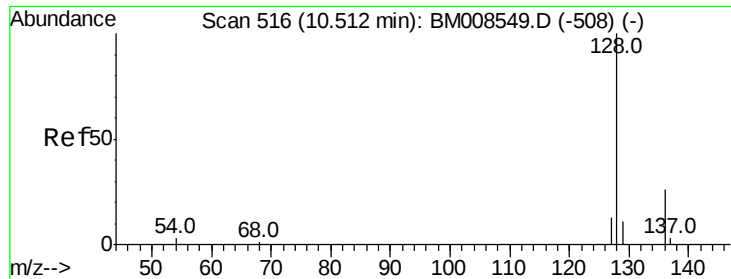
Instrument :
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Quant Time: Dec 22 17:51:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 13:27:14 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 4.68 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.05 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Instrument :

BNA_M

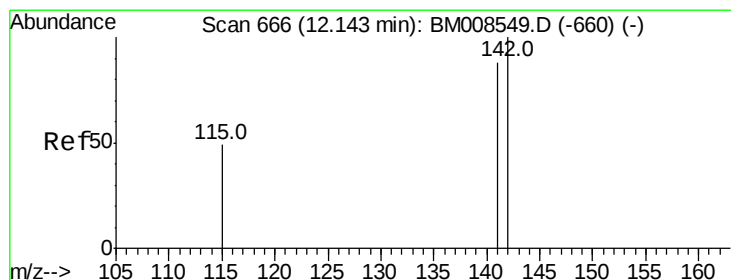
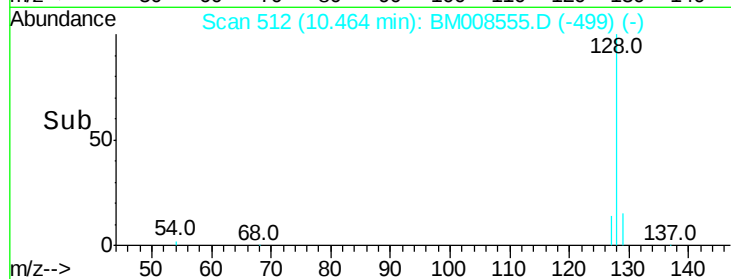
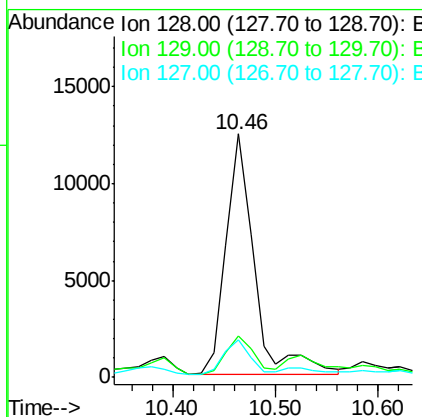
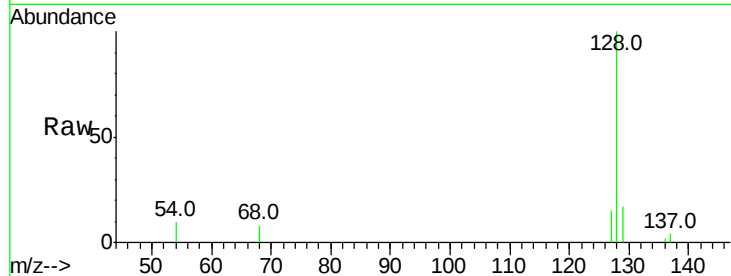
ClientSampleId :

DA861

Tot Ion:	128	Resp:	23459
Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.3	16.9
127	15.4	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 17.70 ng/ul

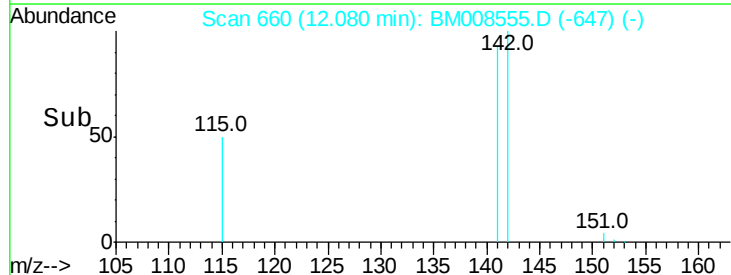
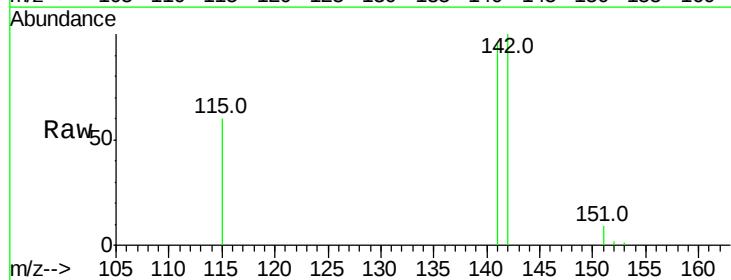
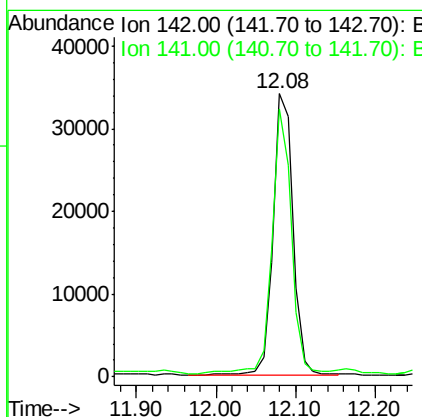
RT: 12.08 min Scan# 660

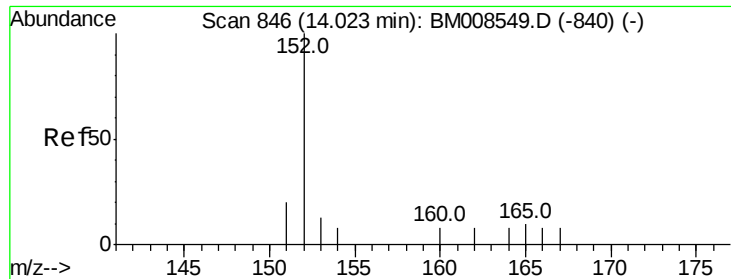
Delta R.T. -0.06 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Tgt Ion:	142	Resp:	59744
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8





#7

Acenaphthylene

Concen: 1.11 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.02 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Instrument :

BNA_M

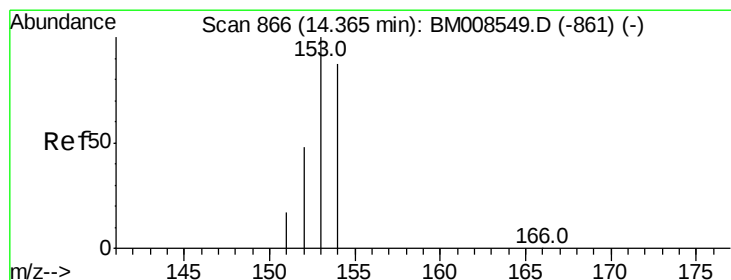
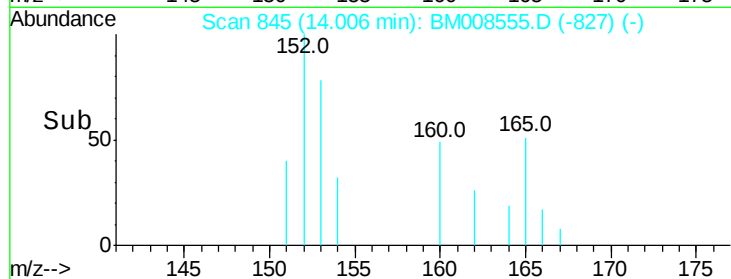
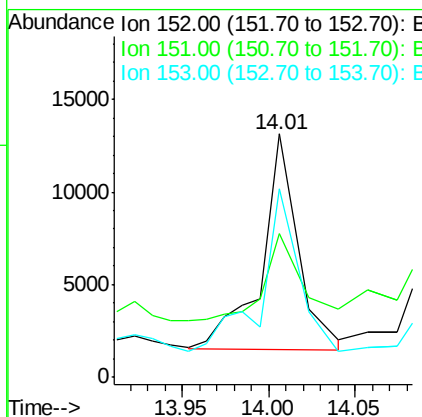
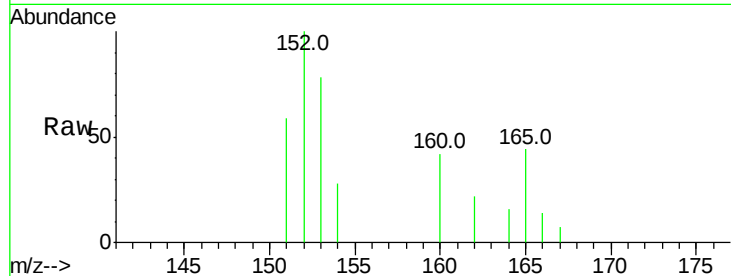
ClientSampleId :

DA861

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		15913		
151	59.3	17.1	25.7#		
153	77.5	12.8	19.2#		

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#8

Acenaphthene

Concen: 3.32 ng/ul

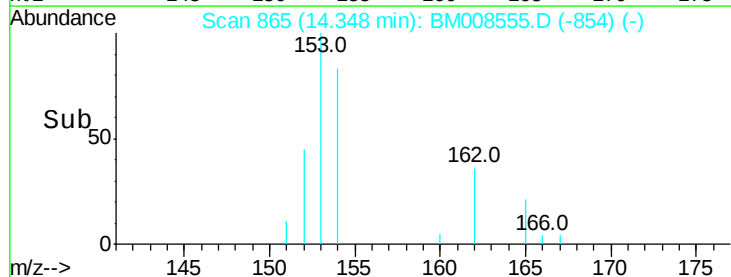
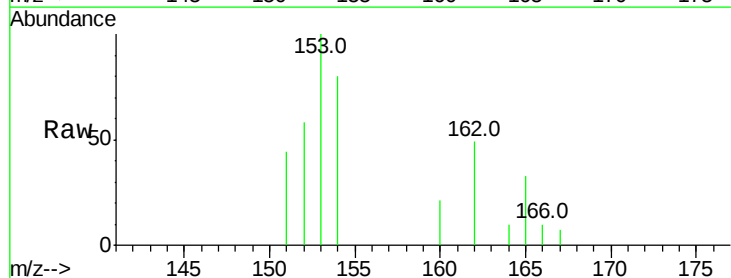
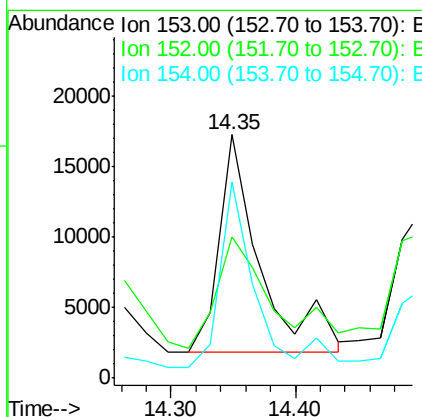
RT: 14.35 min Scan# 865

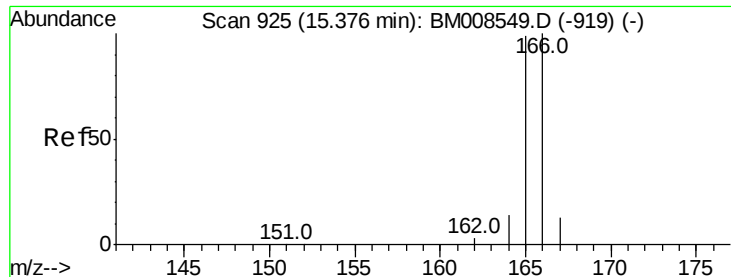
Delta R.T. -0.02 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		35862		
152	58.3	40.3	60.5		
154	80.5	71.4	107.2		





#9

Fluorene

Concen: 5.73 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.02 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Instrument :

BNA_M

ClientSampleId :

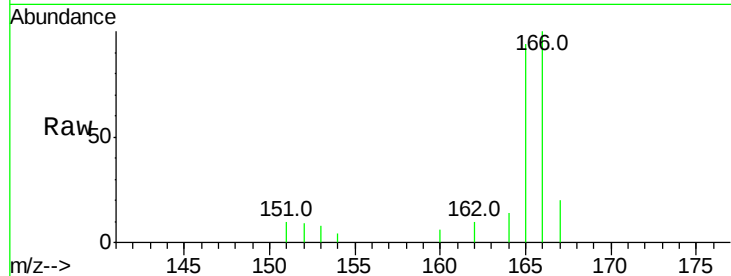
DA861

Tot Ion:166 Resp: 70572

Ion	Ratio	Lower	Upper
166	100		
165	94.3	73.4	110.2
167	20.4	14.6	22.0

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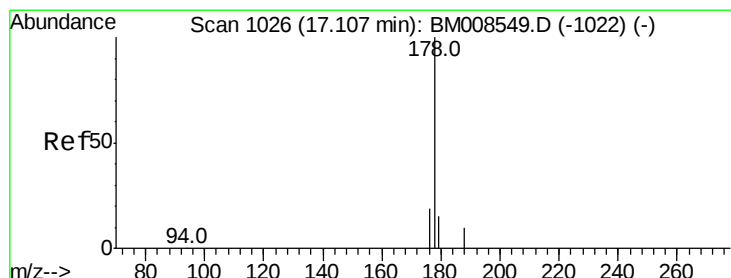
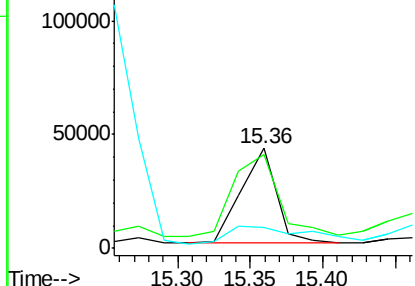
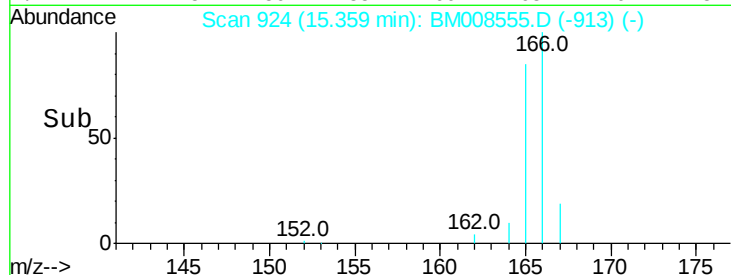
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 4.55 ng/ul

RT: 17.09 min Scan# 1025

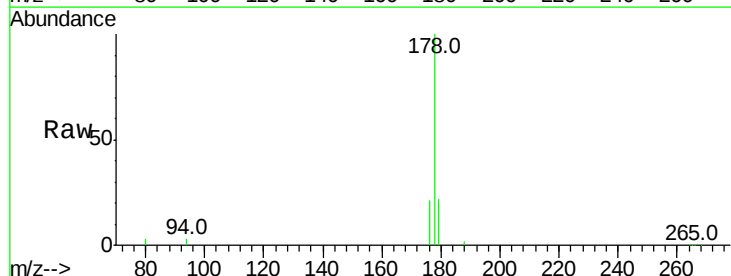
Delta R.T. -0.02 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Tgt Ion:178 Resp: 190071

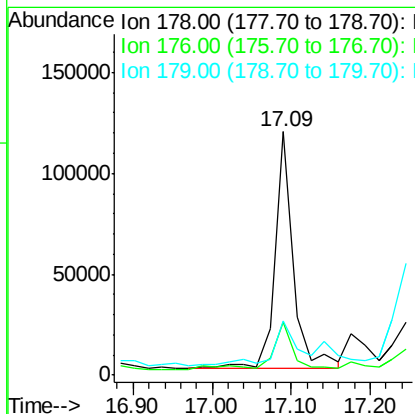
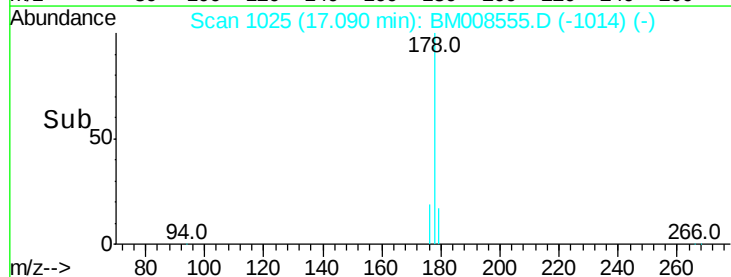
Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.4	27.6
179	22.2	13.6	20.4

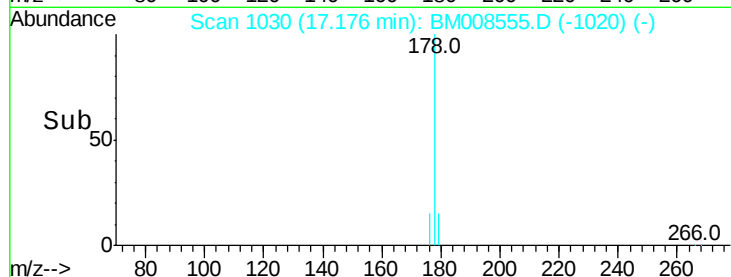
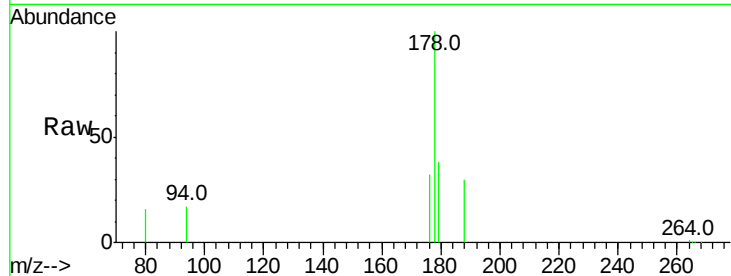
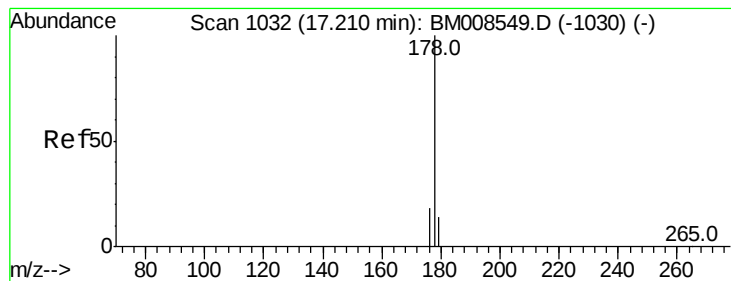


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.59 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Tot Ion	Ratio	Lower	Upper
178	100		
176	32.4	18.1	27.1#
179	38.1	14.7	22.1#

Instrument :

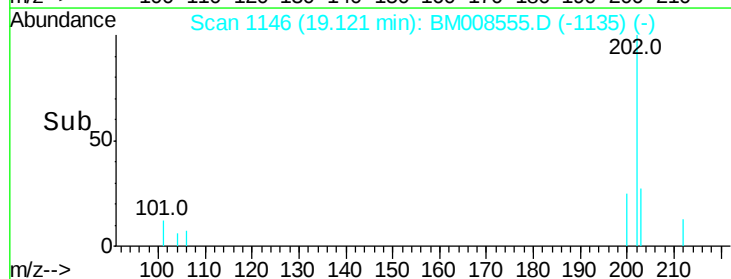
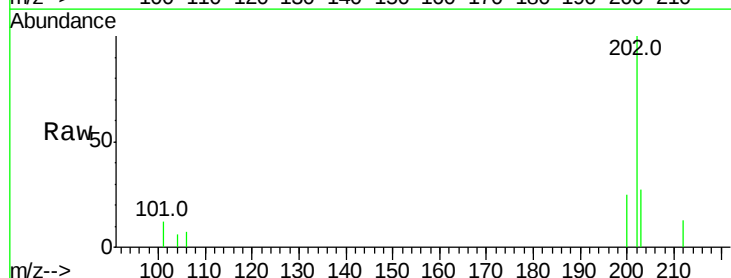
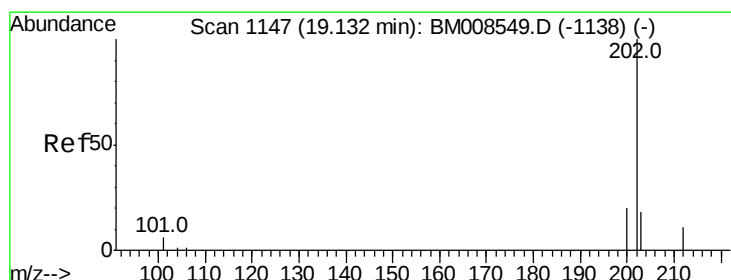
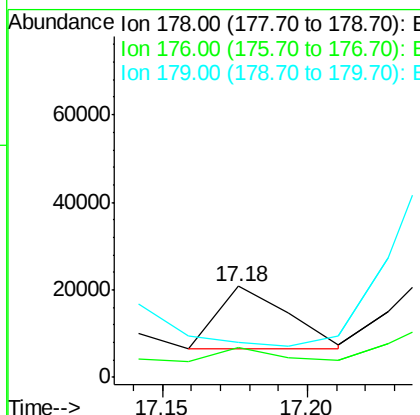
BNA_M

ClientSampleId :

DA861

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#15

Fluoranthene

Concen: 1.11 ng/ul

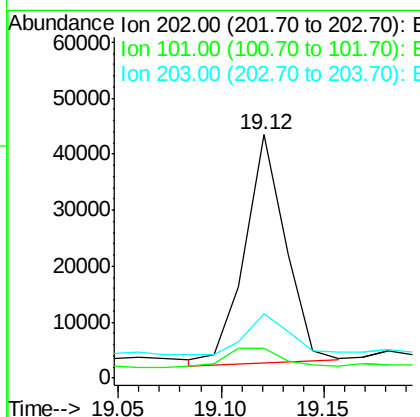
RT: 19.12 min Scan# 1146

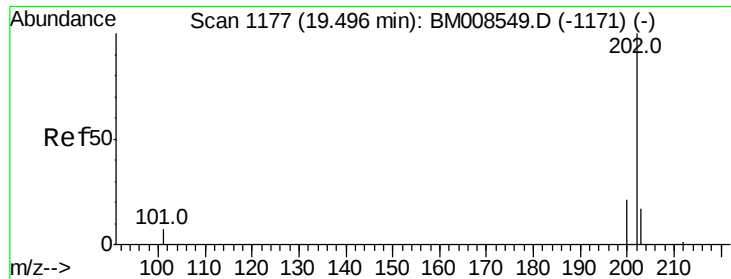
Delta R.T. -0.01 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
203	26.7	0.0	39.5





#17

Pvrene

Concen: 11.25 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Instrument :

BNA_M

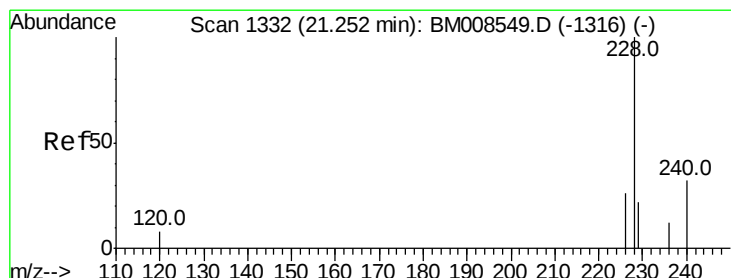
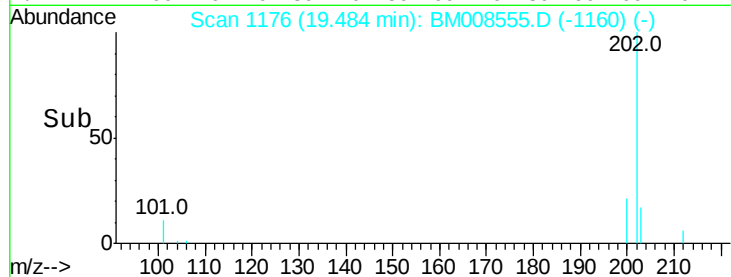
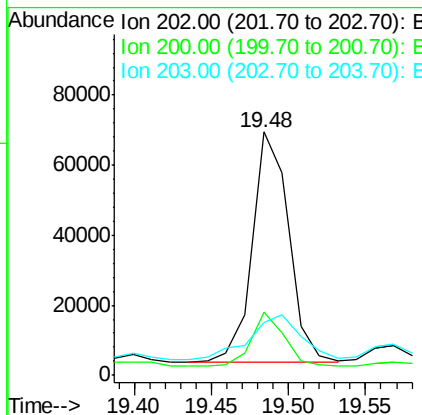
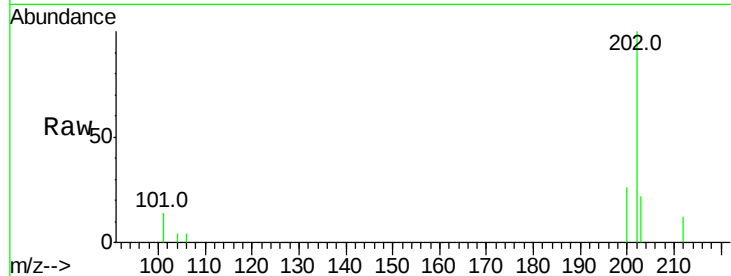
ClientSampleId :

DA861

Tot Ion:	202	Resp:	108617
Ion Ratio	Lower	Upper	
202	100		
200	26.2	18.2	27.4
203	21.9	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 2.56 ng/ul m

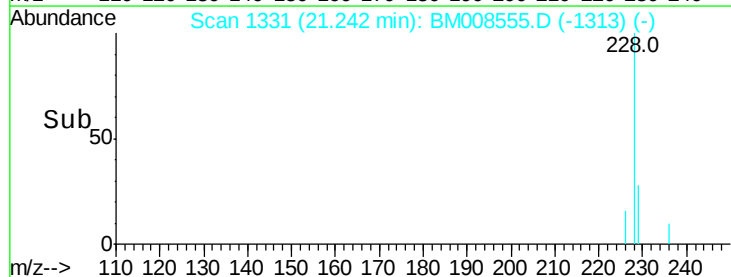
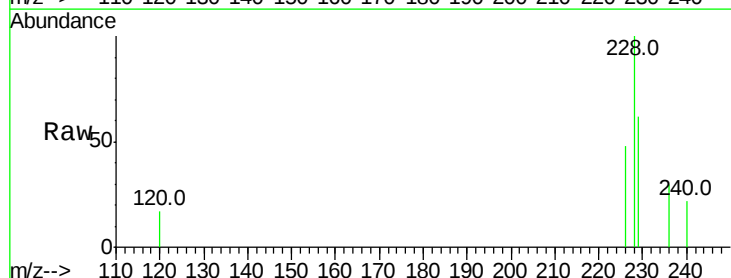
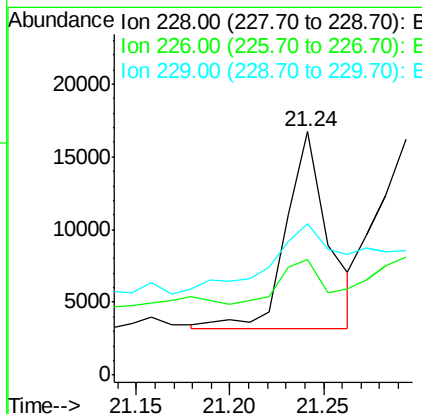
RT: 21.24 min Scan# 1331

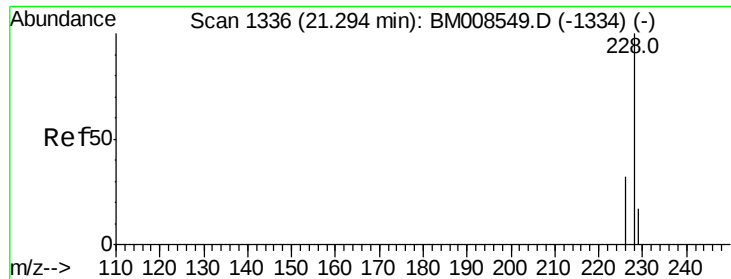
Delta R.T. -0.01 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Tgt Ion:	228	Resp:	20996
Ion Ratio	Lower	Upper	
228	100		
226	47.7	22.8	34.2#
229	62.4	17.0	25.6#





#19

Chrysene

Concen: 2.55 ng/ul m

RT: 21.29 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

Instrument :

BNA_M

ClientSampled :

DA861

Tot Ion:228 Resp: 22899

Ion Ratio Lower Upper

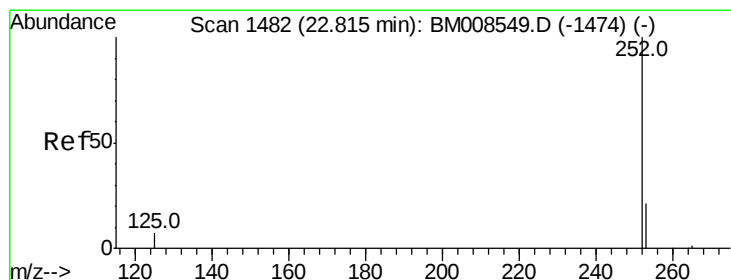
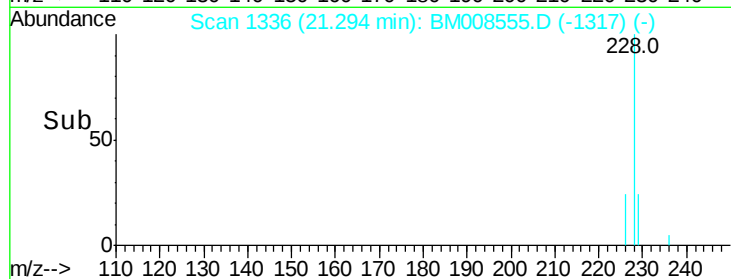
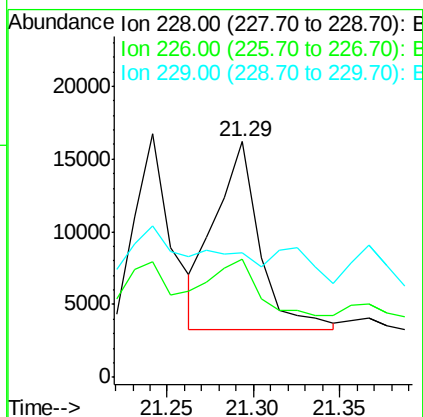
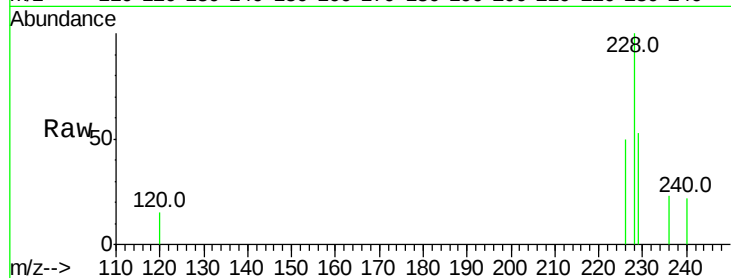
228 100

226 50.2 23.4 35.0#

229 52.6 17.7 26.5#

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#21

Benzo(b)fluoranthene

Concen: 3.06 ng/ul m

RT: 22.83 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BM008555.D

Acq: 22 Dec 2016 14:44

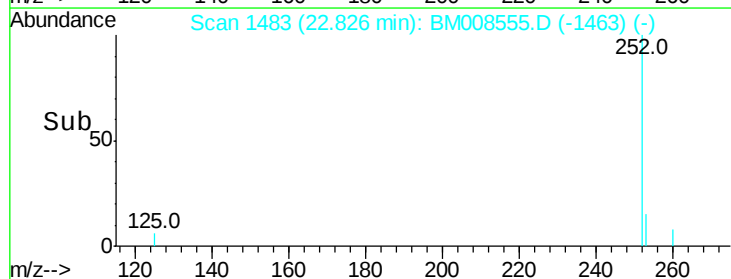
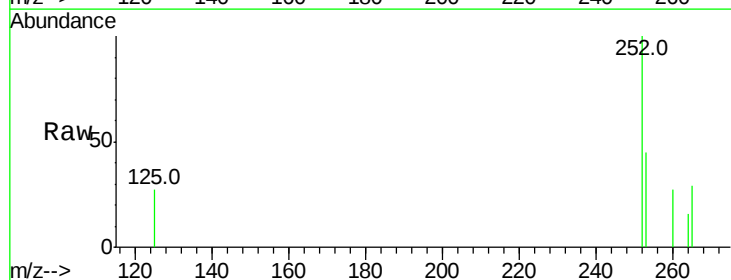
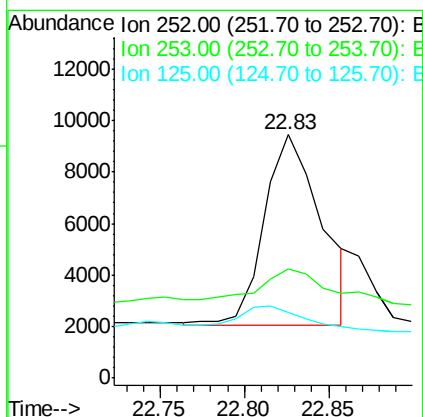
Tgt Ion:252 Resp: 17523

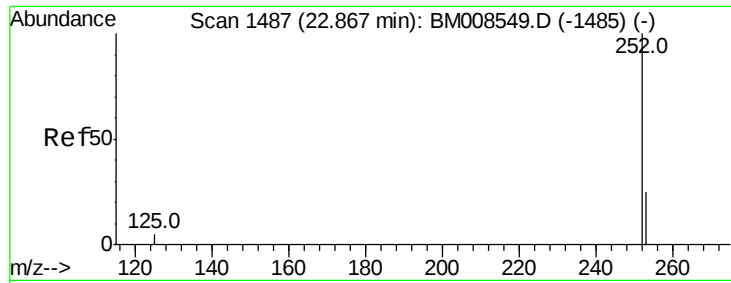
Ion Ratio Lower Upper

252 100

253 45.1 0.0 64.2

125 26.9 0.0 35.0





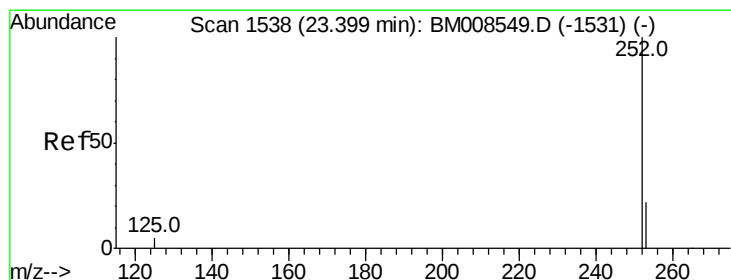
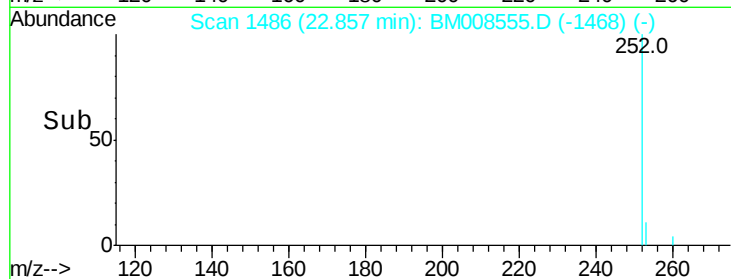
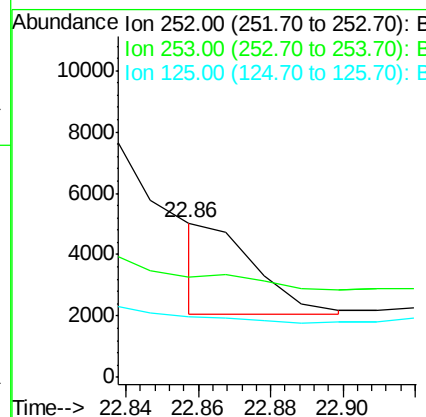
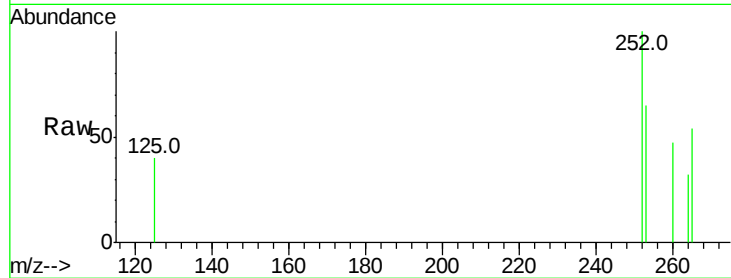
#22
Benzo(k)fluoranthene
Concen: 0.49 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008555.D
Acq: 22 Dec 2016 14:44

Instrument :
BNA_M
ClientSampleId :
DA861

Tot Ion	Ratio	Lower	Upper
252	100		
253	65.5	24.5	36.7#
125	39.6	13.7	20.5#

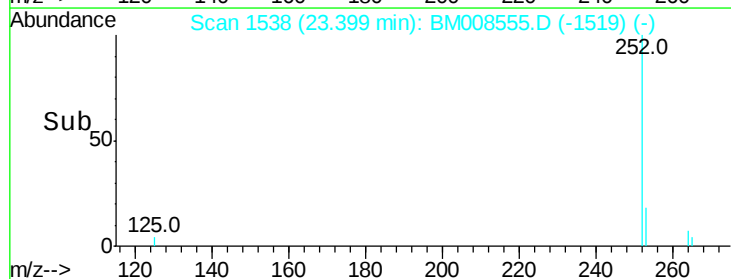
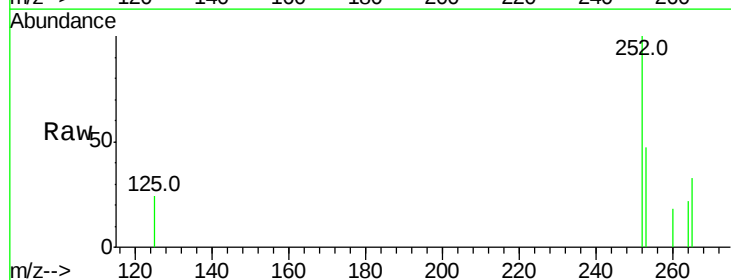
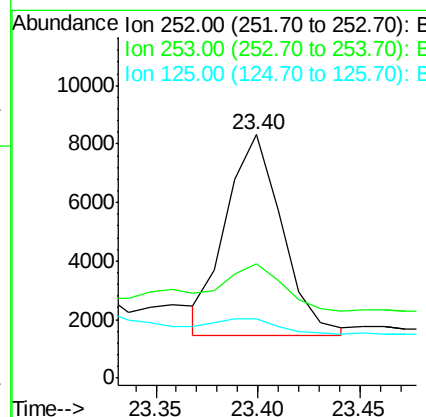
Manual Integrations
APPROVED

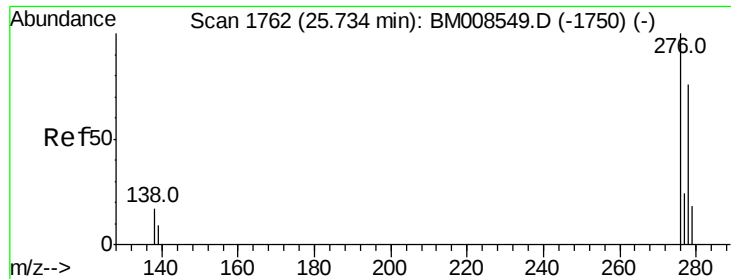
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#23
Benzo(a)pyrene
Concen: 2.46 ng/ul m
RT: 23.40 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BM008555.D
Acq: 22 Dec 2016 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.9	28.5	42.7#
125	24.2	18.1	27.1





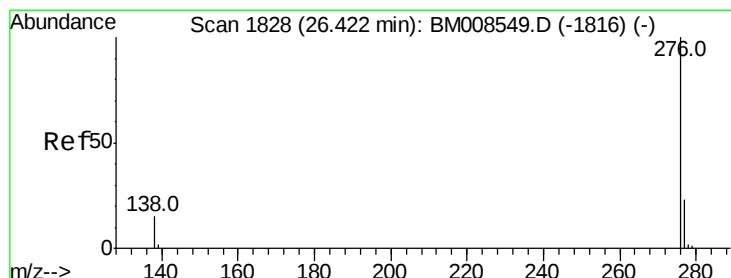
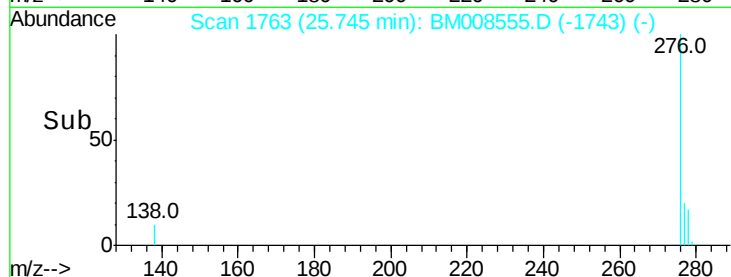
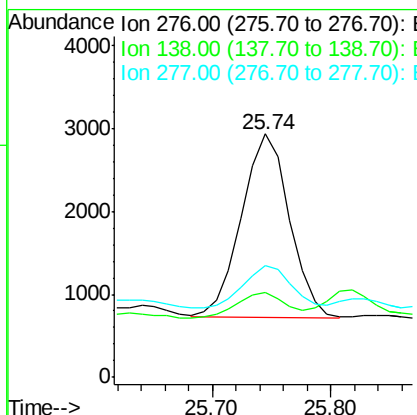
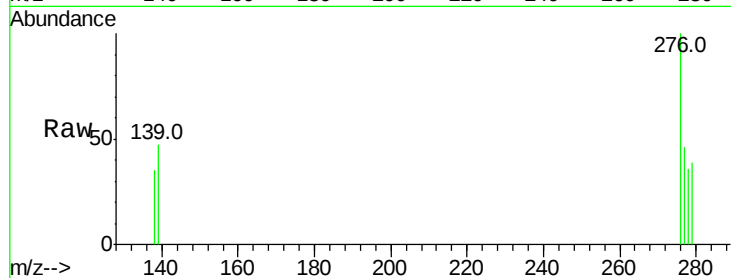
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.99 ng/ul m
 RT: 25.74 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BM008555.D
 Acq: 22 Dec 2016 14:44

Instrument :
 BNA_M
 ClientSampleId :
 DA861

Tot Ion	Ratio	Lower	Upper
276	100		
138	157.1	19.1	28.7#
277	0.0	19.6	29.4#

Manual Integrations
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#26
 Benzo(g,h,i)perylene
 Concen: 1.34 ng/ul m
 RT: 26.44 min Scan# 1830
 Delta R.T. 0.02 min
 Lab File: BM008555.D
 Acq: 22 Dec 2016 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.1	21.8	32.8#
138	39.0	20.5	30.7#

