

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
 Data File : BM008607.D
 Acq On : 23 Dec 2016 22:06
 Operator : UM/SJ
 Sample : H6069-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X9

Manual Integrations
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Quant Time: Dec 24 00:26:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	430	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1407	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	844	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1725m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1567	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1406m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	395	0.18	ng/ul	-0.05
14) Fluoranthene-d10	19.09	212	988m	0.21	ng/ul	-0.02
Target Compounds						Ovalue
3) Naphthalene	10.48	128	4667	1.18	ng/ul	97
5) 2-Methylnaphthalene	12.11	142	1499	0.56	ng/ul	99
7) Acenaphthylene	14.01	152	482	0.13	ng/ul#	73
8) Acenaphthene	14.35	153	184	0.06	ng/ul#	86
9) Fluorene	15.34	166	152	0.05	ng/ul#	71
12) Phenanthrene	17.07	178	2789	0.53	ng/ul	97
13) Anthracene	17.18	178	776	0.15	ng/ul#	83
15) Fluoranthene	19.11	202	4993	0.77	ng/ul	96
17) Pyrene	19.48	202	4870	0.80	ng/ul	98
18) Benzo(a)anthracene	21.23	228	3831	0.74	ng/ul	95
19) Chrysene	21.29	228	3907m	0.69	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	7751m	1.40	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	2314m	0.43	ng/ul	
23) Benzo(a)pyrene	23.37	252	5073	0.99	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.72	276	4842	0.79	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.71	278	1009	0.21	ng/ul#	63
26) Benzo(a,h,i)perylene	26.40	276	4438	0.85	ng/ul#	94

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

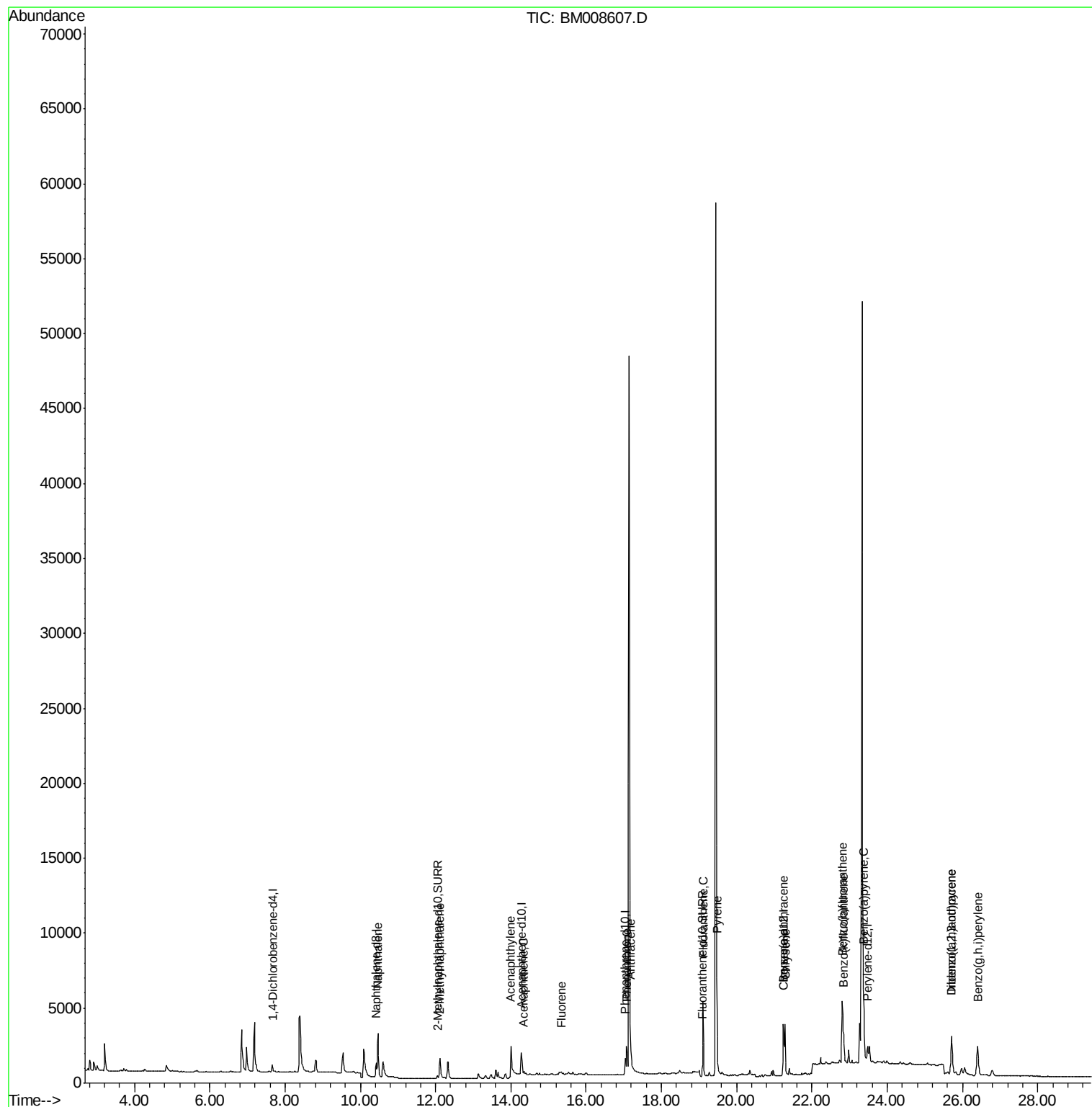
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
Data File : BM008607.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

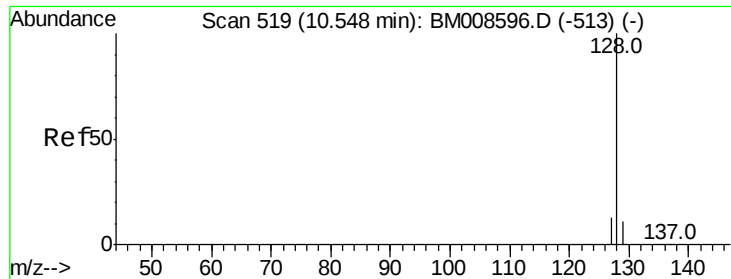
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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#3

Naphthalene

Concen: 1.18 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Instrument :

BNA_M

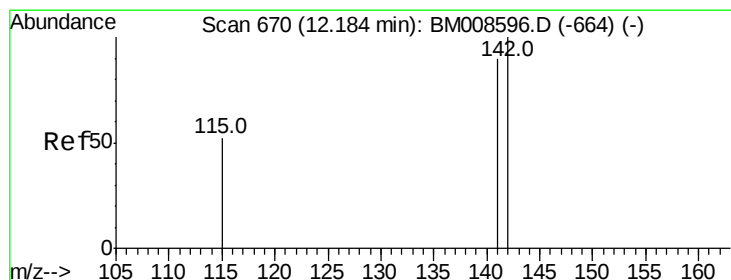
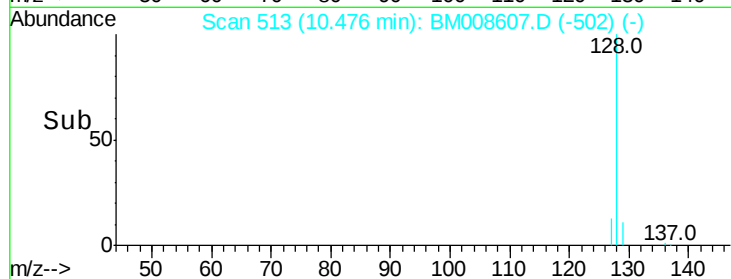
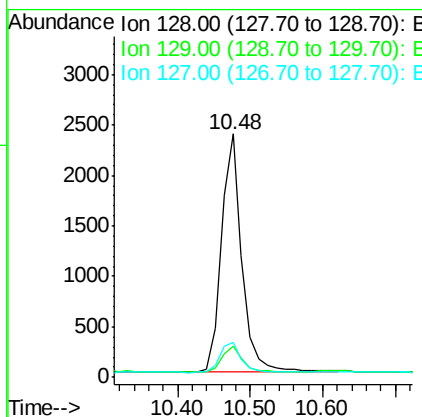
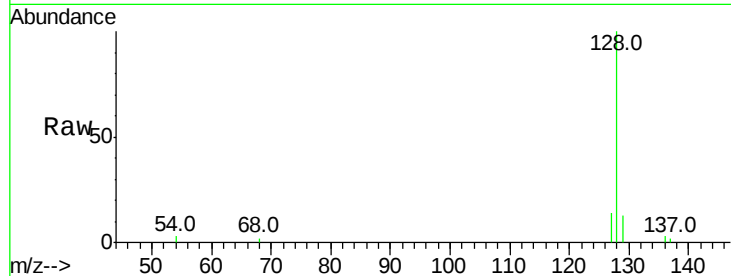
ClientSampleId :

DA8X9

Tot Ion:	128	Resp:	4667
Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.3	16.9
127	14.4	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 0.56 ng/ul

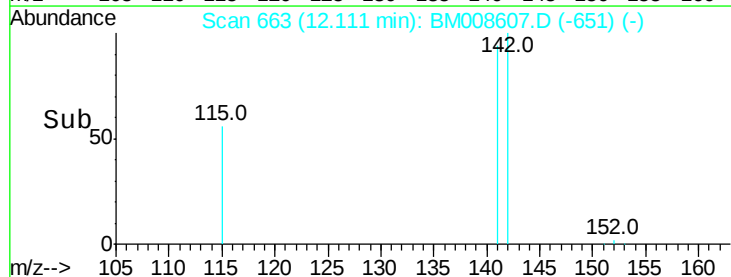
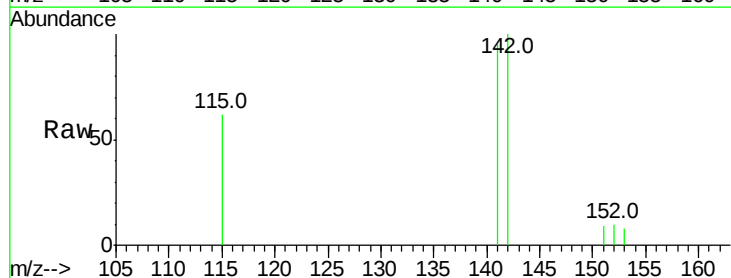
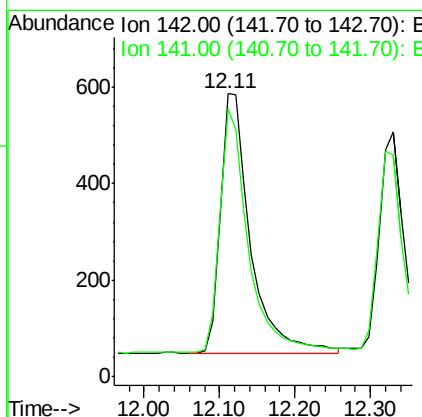
RT: 12.11 min Scan# 663

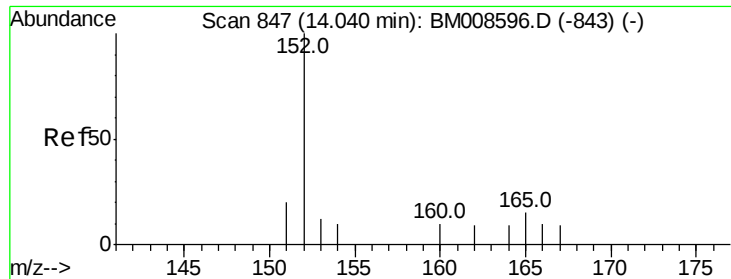
Delta R.T. -0.07 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Tgt Ion:	142	Resp:	1499
Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Instrument :

BNA_M

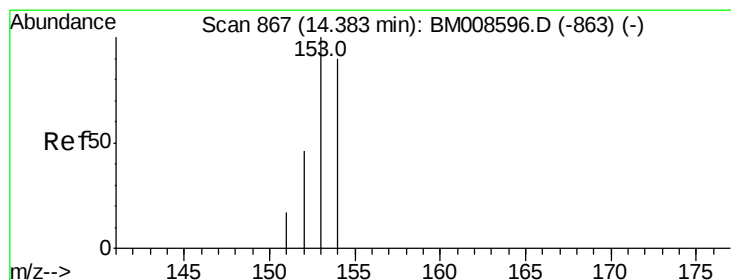
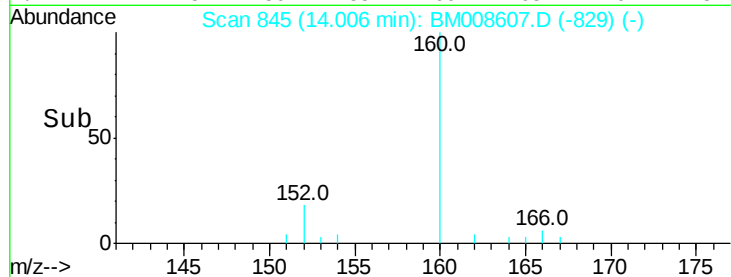
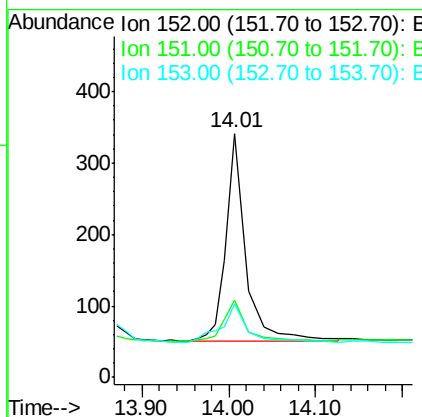
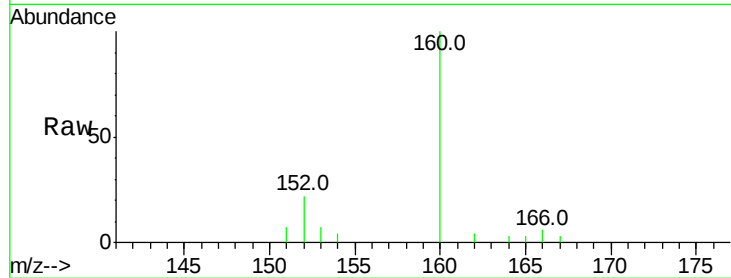
ClientSampleId :

DA8X9

Tot Ion:	152	Resp:	482
Ion Ratio	Lower	Upper	
152	100		
151	32.0	17.1	25.7#
153	29.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.06 ng/ul

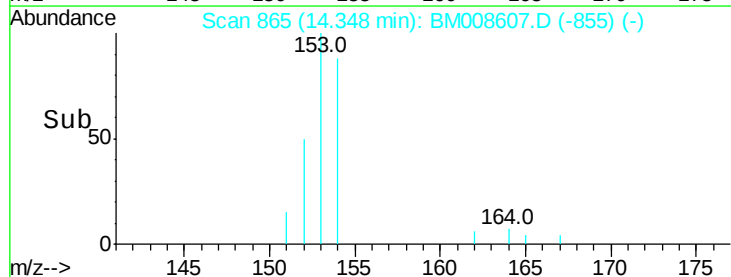
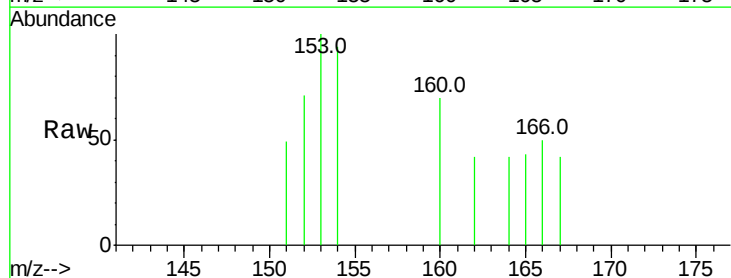
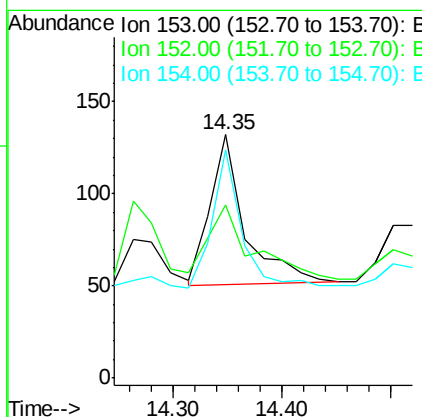
RT: 14.35 min Scan# 865

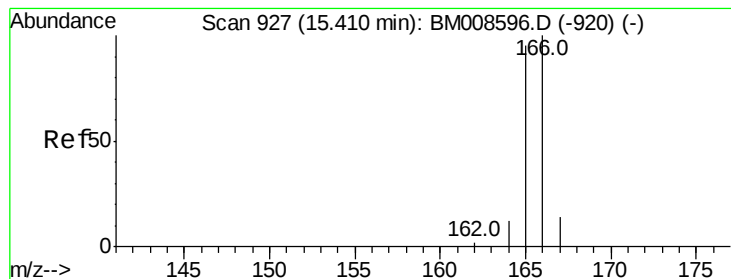
Delta R.T. -0.03 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Tgt Ion:	153	Resp:	184
Ion Ratio	Lower	Upper	
153	100		
152	71.2	40.3	60.5#
154	93.9	71.4	107.2





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Instrument :

BNA_M

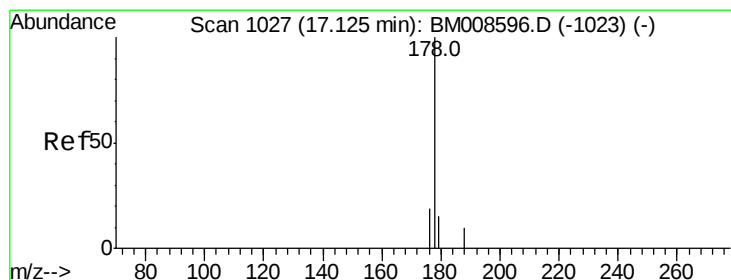
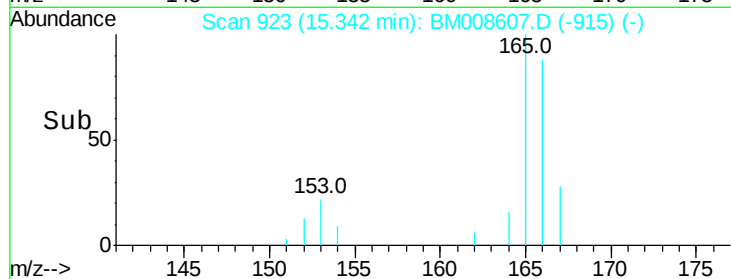
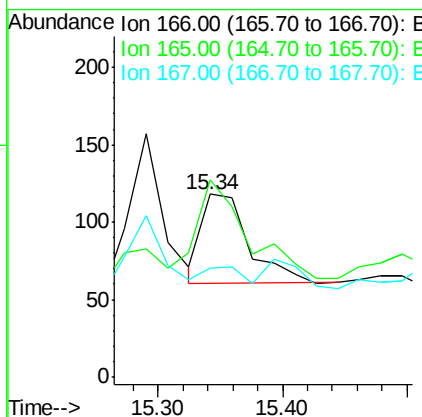
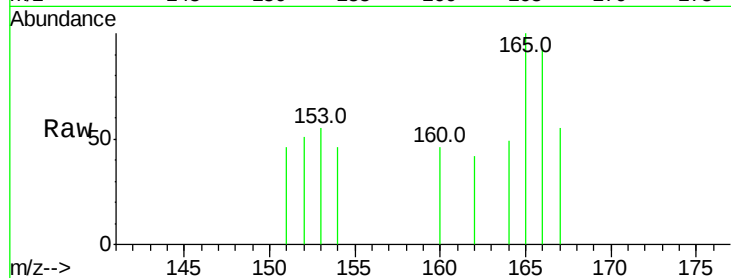
ClientSampleId :

DA8X9

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.6	73.4	110.2
167	59.3	14.6	22.0

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#12

Phenanthrene

Concen: 0.53 ng/ul

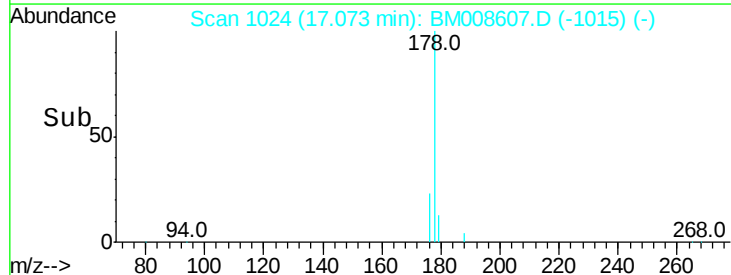
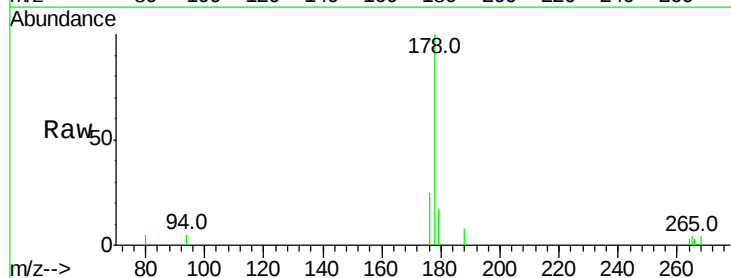
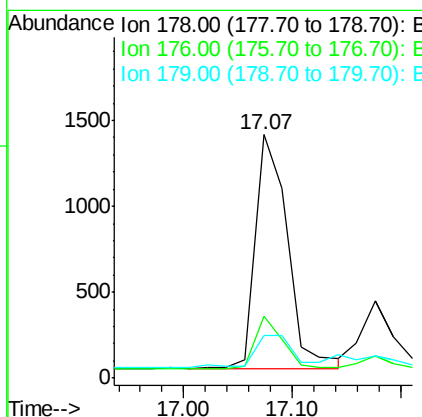
RT: 17.07 min Scan# 1024

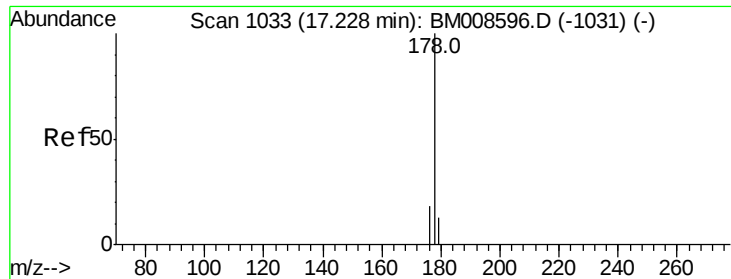
Delta R.T. -0.05 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.5	18.4	27.6
179	17.3	13.6	20.4





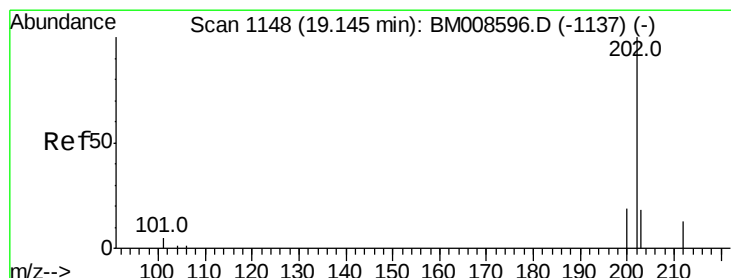
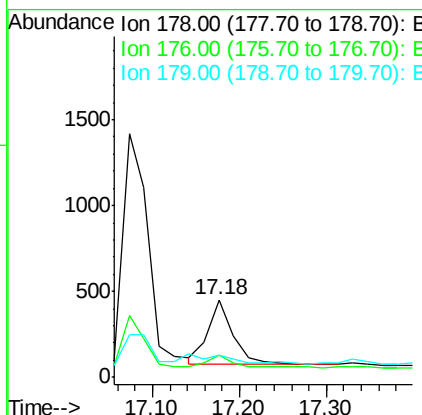
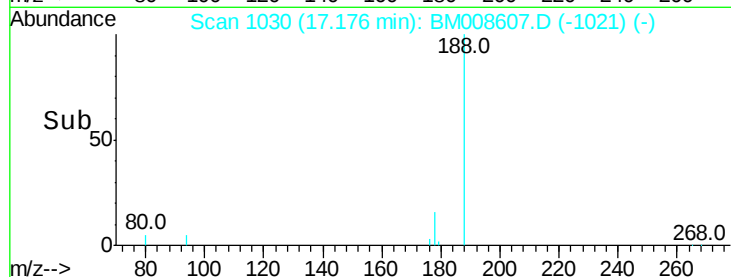
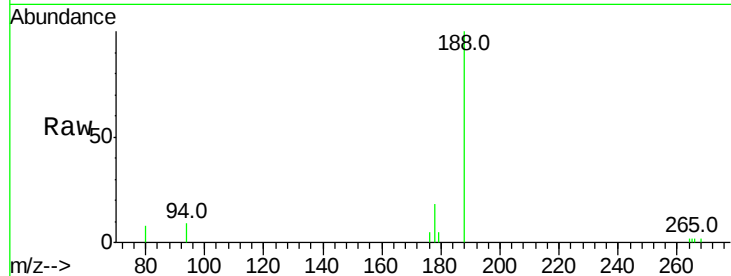
#13
 Anthracene
 Concen: 0.15 ng/ul
 RT: 17.18 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BM008607.D
 Acq: 23 Dec 2016 22:06

Instrument :
 BNA_M
 ClientSampleId :
 DA8X9

Tot Ion	Ratio	Lower	Upper
178	100		
176	28.3	18.1	27.1#
179	29.2	14.7	22.1#

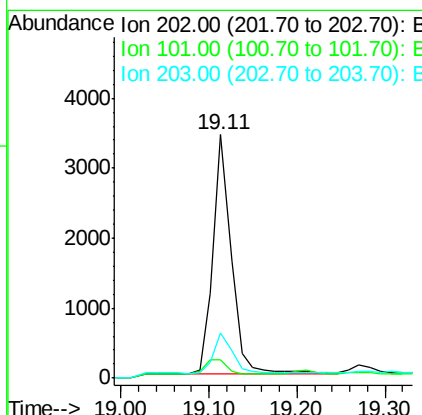
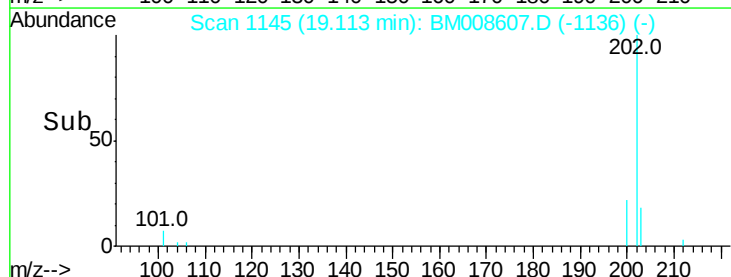
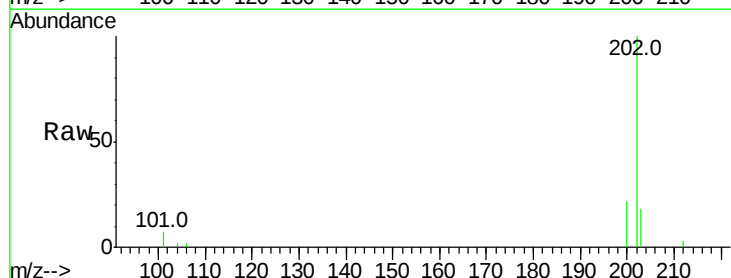
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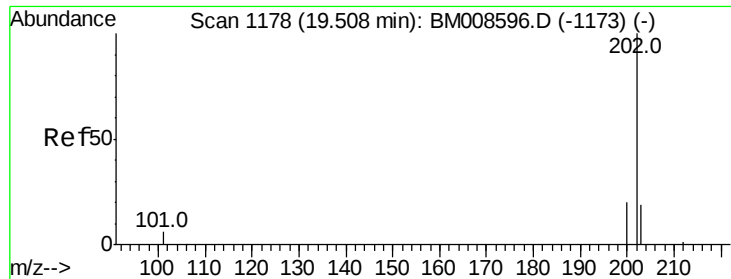
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#15
 Fluoranthene
 Concen: 0.77 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BM008607.D
 Acq: 23 Dec 2016 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	30.3
203	18.4	0.0	39.5





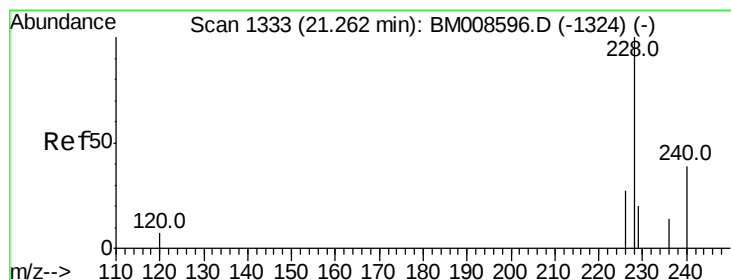
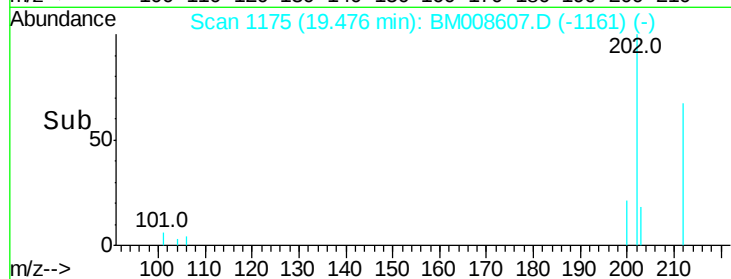
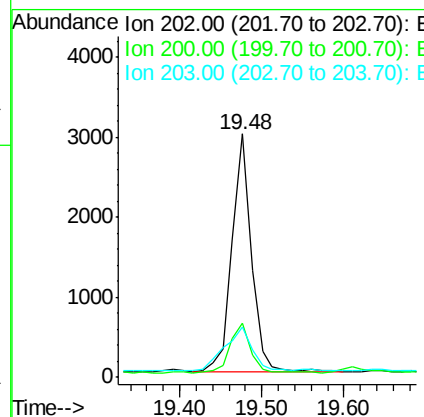
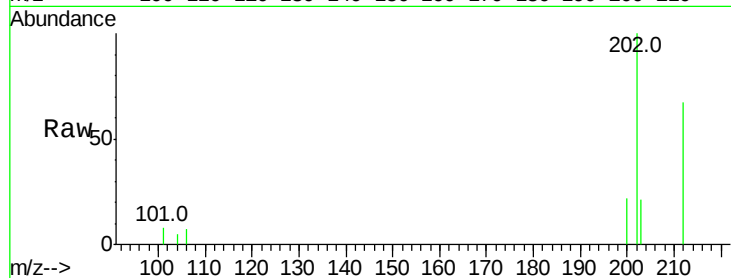
#17
Pvrene
Concen: 0.80 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BM008607.D
Acq: 23 Dec 2016 22:06

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:	202	Resp:	4870
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.2	27.4
203	20.6	15.6	23.4

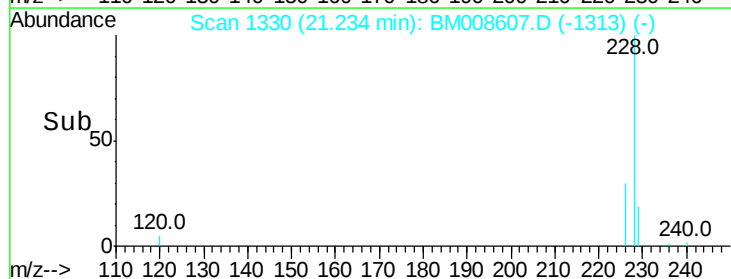
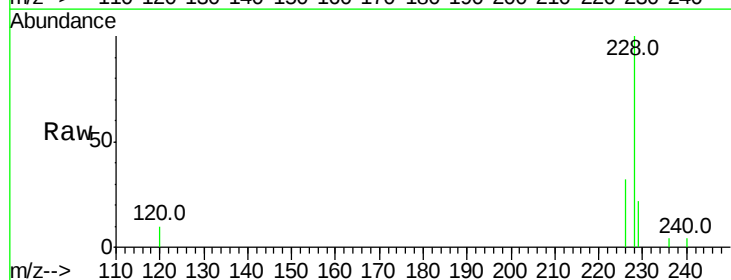
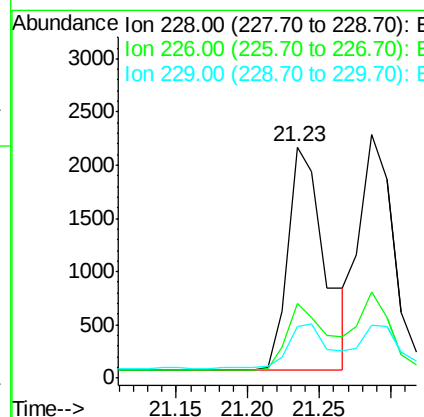
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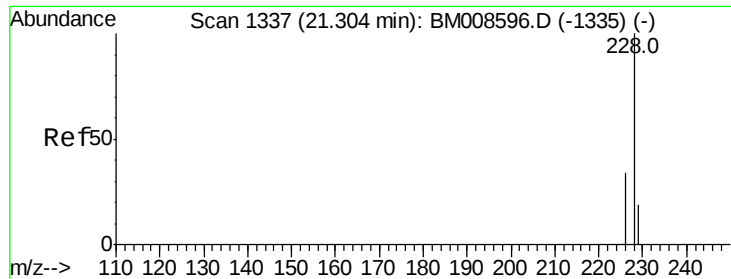
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#18
Benzo(a)anthracene
Concen: 0.74 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008607.D
Acq: 23 Dec 2016 22:06

Tgt Ion:	228	Resp:	3831
Ion Ratio	Lower	Upper	
228	100		
226	32.2	22.8	34.2
229	22.4	17.0	25.6





#19

Chrysene

Concen: 0.69 ng/ul m

RT: 21.29 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Instrument :

BNA_M

ClientSampleId :

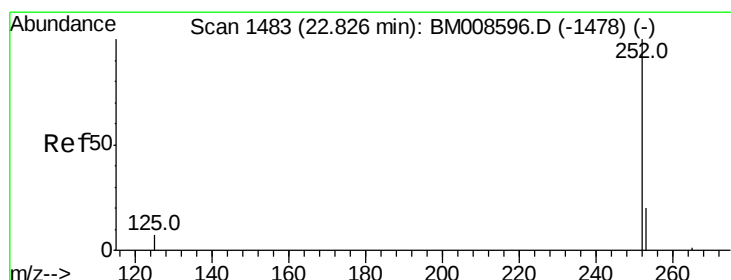
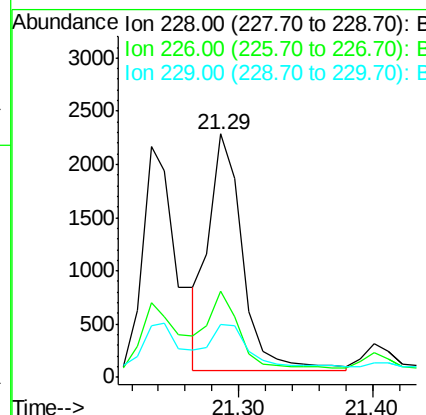
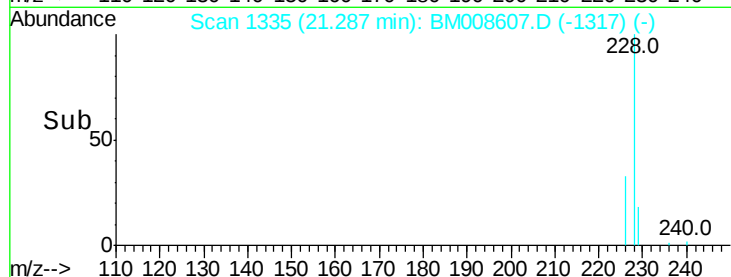
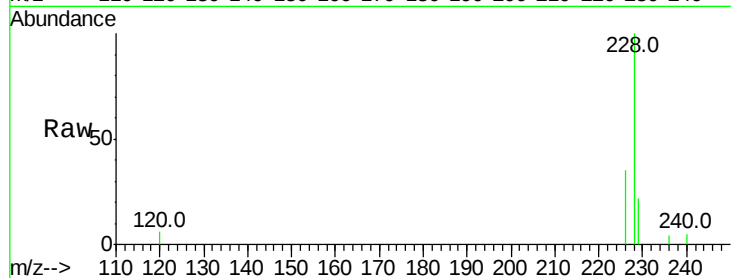
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Tot Ion:228 Resp: 3907

Ion	Ratio	Lower	Upper
228	100		
226	35.2	23.4	35.0#
229	21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.40 ng/ul m

RT: 22.81 min Scan# 1481

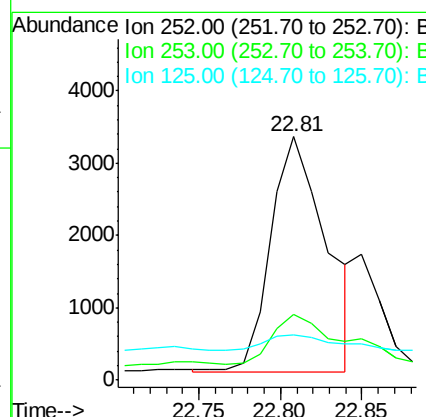
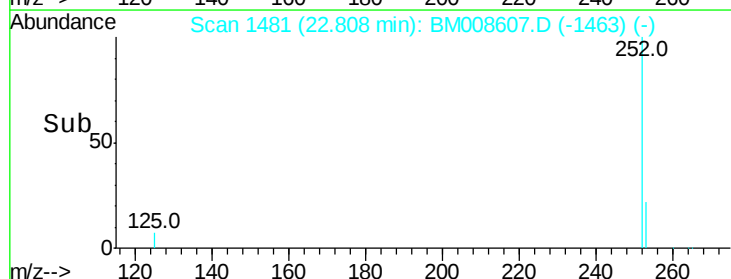
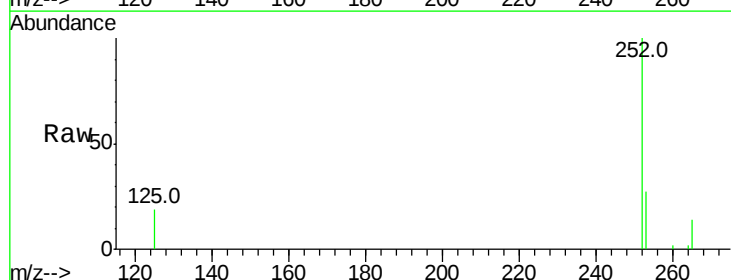
Delta R.T. -0.02 min

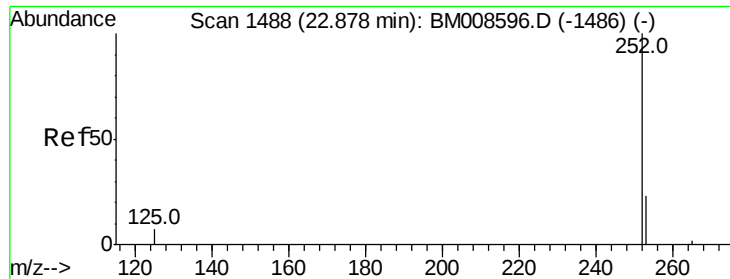
Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Tgt Ion:252 Resp: 7751

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	64.2
125	18.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.43 ng/ul m

RT: 22.85 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Instrument :

BNA_M

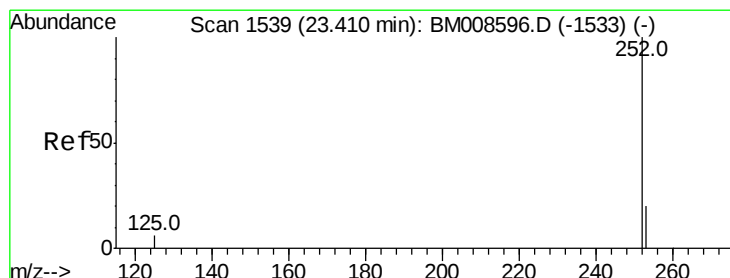
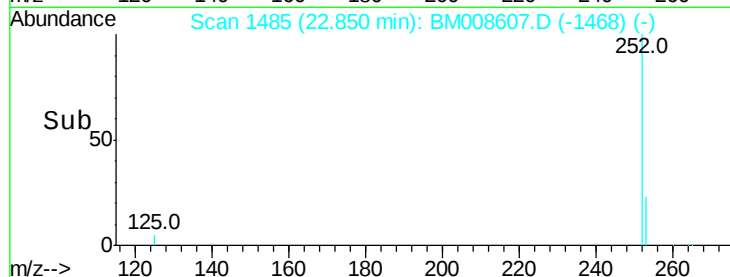
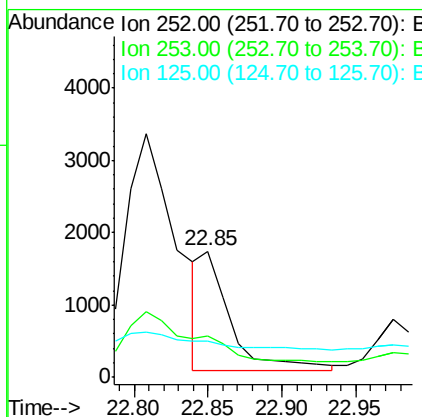
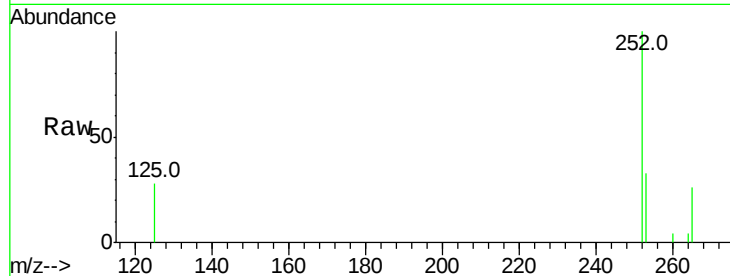
ClientSampleId :

DA8X9

Tot Ion:	252	Resp:	2314
Ion Ratio	Lower	Upper	
252	100		
253	33.0	24.5	36.7
125	28.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.99 ng/ul

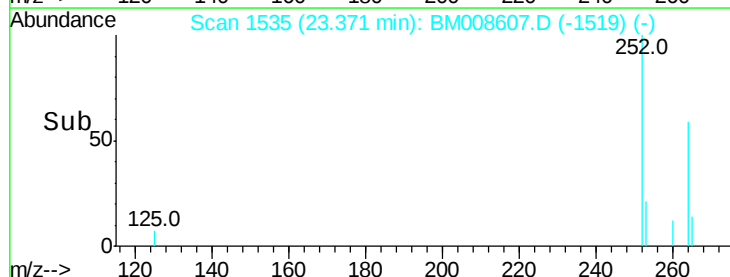
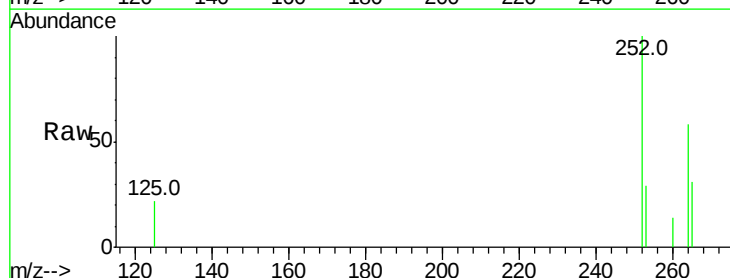
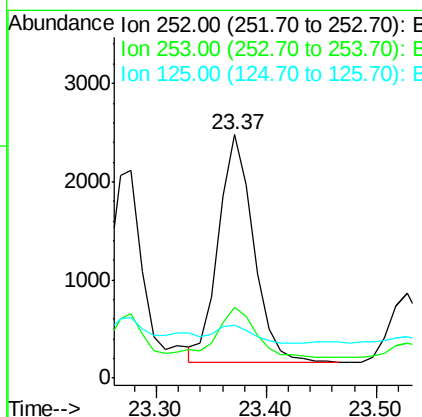
RT: 23.37 min Scan# 1535

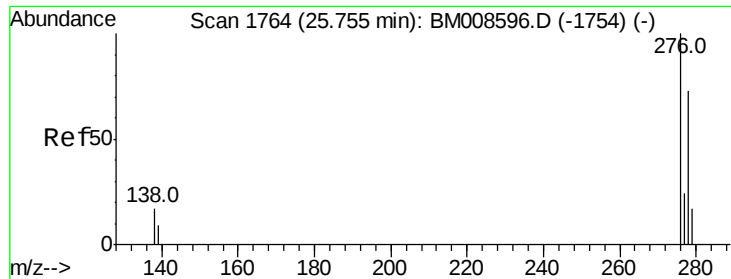
Delta R.T. -0.04 min

Lab File: BM008607.D

Acq: 23 Dec 2016 22:06

Tgt Ion:	252	Resp:	5073
Ion Ratio	Lower	Upper	
252	100		
253	28.8	28.5	42.7
125	21.8	18.1	27.1





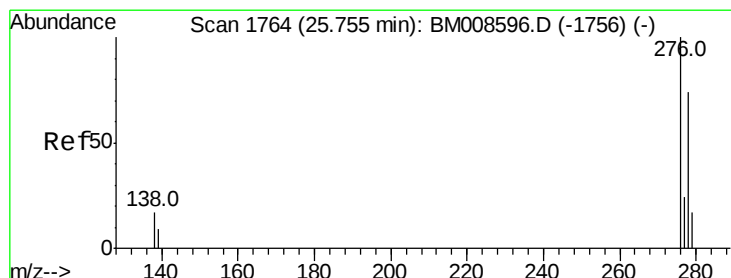
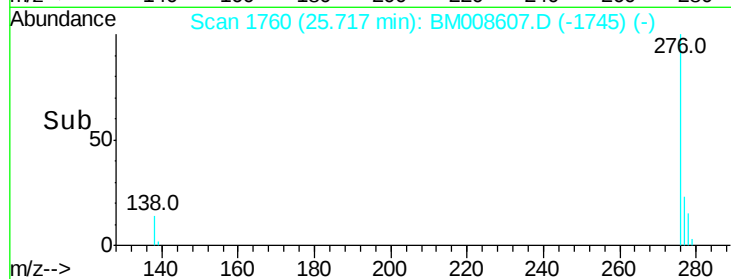
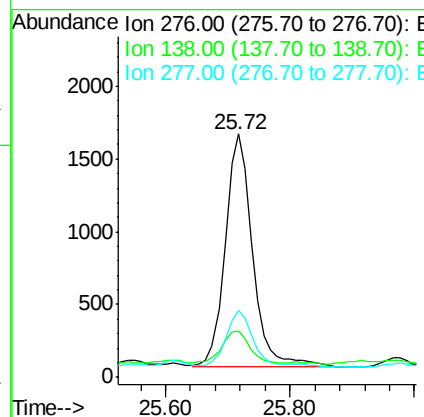
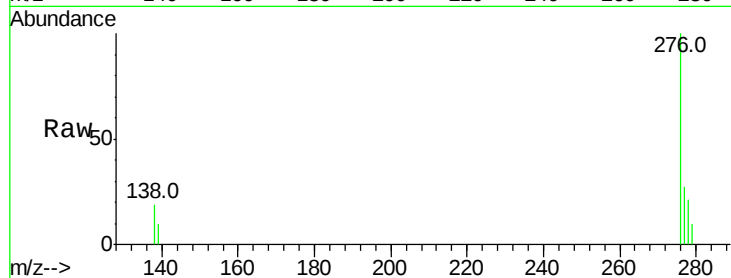
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.79 ng/ul
 RT: 25.72 min Scan# 1760
 Delta R.T. -0.04 min
 Lab File: BM008607.D
 Acq: 23 Dec 2016 22:06

Instrument :
 BNA_M
 ClientSampleId :
 DA8X9

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	19.1	28.7#
277	24.4	19.6	29.4

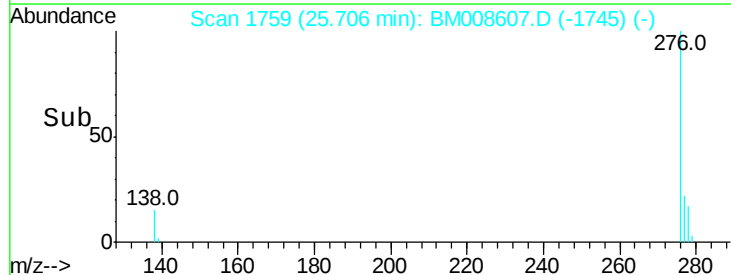
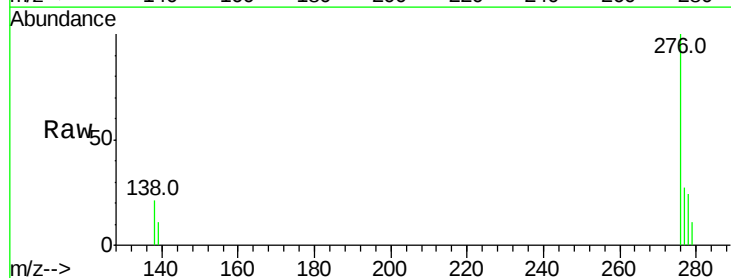
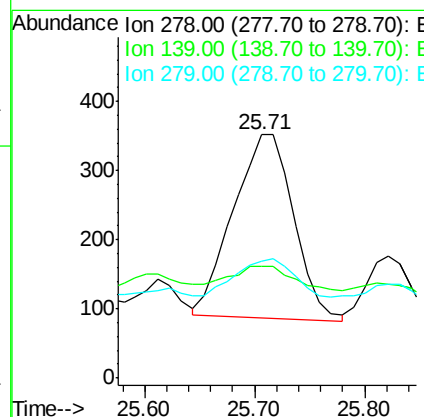
Manual Integrations
 APPROVED

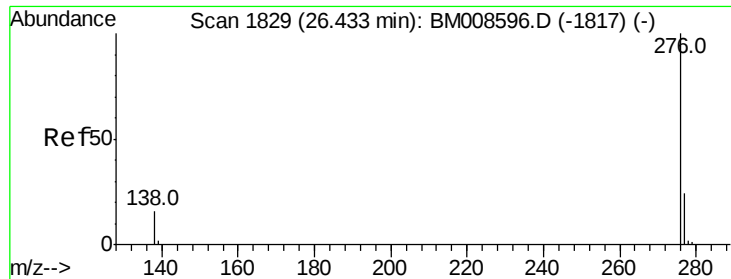
sohil
 12/26/2016 4:03:33 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.21 ng/ul
 RT: 25.71 min Scan# 1759
 Delta R.T. -0.05 min
 Lab File: BM008607.D
 Acq: 23 Dec 2016 22:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.7	17.4	26.0#
279	48.0	25.9	38.9#





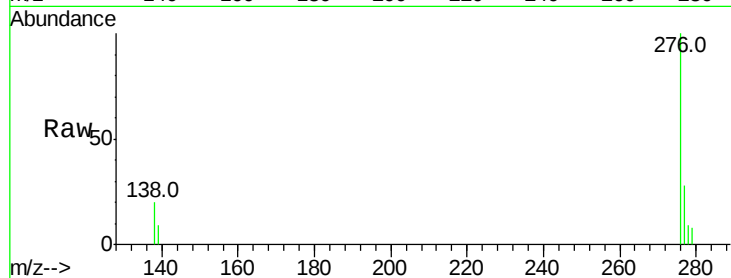
#26
 Benzo(a,h,i)perylene
 Concen: 0.85 ng/ul
 RT: 26.40 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BM008607.D
 Acq: 23 Dec 2016 22:06

Instrument :
 BNA_M
 ClientSampleId :
 DA8X9

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.4	21.8	32.8
138	20.4	20.5	30.7

Manual Integrations
 APPROVED

sohil
 12/26/2016 4:03:33 PM



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

