

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
 Data File : BM003597.D
 Acq On : 17 Dec 2015 13:49
 Operator : UM/IZ
 Sample : G4767-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N45

Manual Integrations
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Quant Time: Dec 18 00:37:06 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:27:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3216	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	12737	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	7004	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	14355m	0.40	ng/ul	0.02
18) Chrysene-d12	21.31	240	13694	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	14491m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	15985	11.63	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	5004	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	10414	0.34	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.55	128	660649	23.02	ng/ul	100
7) 2-Methylnaphthalene	12.16	142	51851	2.69	ng/ul	99
9) Acenaphthylene	14.07	152	5587	0.21	ng/ul#	91
10) Acenaphthene	14.42	153	34483	1.60	ng/ul	96
11) Fluorene	15.41	166	38695	1.62	ng/ul	94
14) Phenanthrene	17.14	178	165382	4.47	ng/ul	96
15) Anthracene	17.23	178	14192	0.44	ng/ul	97
17) Fluoranthene	19.17	202	88085	2.19	ng/ul	92
19) Pyrene	19.54	202	59214	1.60	ng/ul	94
20) Benzo(a)anthracene	21.29	228	12822	0.38	ng/ul	95
21) Chrysene	21.34	228	10244	0.27	ng/ul	94
23) Benzo(b)fluoranthene	22.88	252	5972m	0.12	ng/ul	
25) Benzo(a)pyrene	23.45	252	2970m	0.07	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.81	276	1069m	0.02	ng/ul	
28) Benzo(a,h,i)perylene	26.51	276	914m	0.02	ng/ul	

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

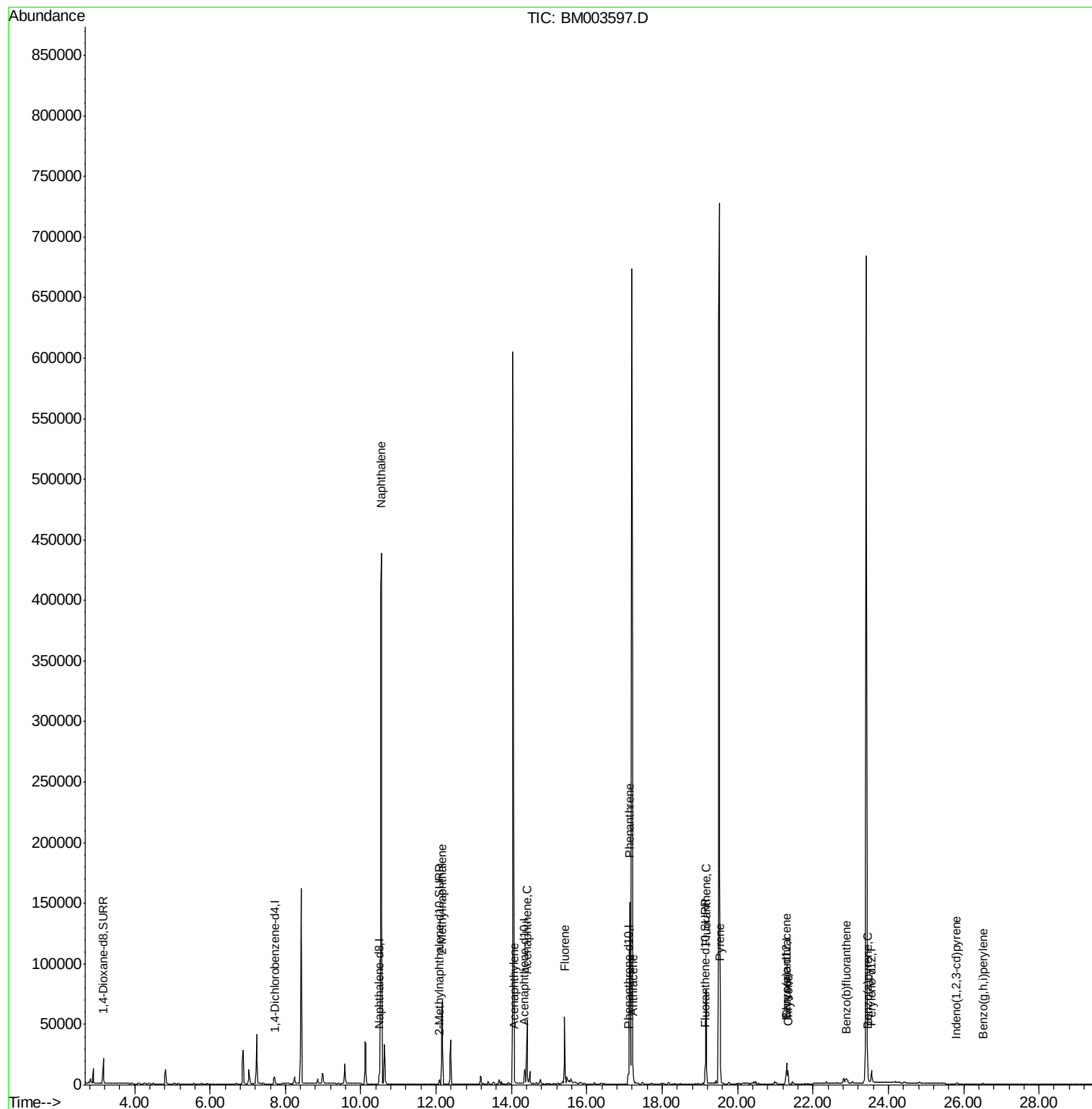
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
Data File : BM003597.D
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ALS Vial : 26 Sample Multiplier: 1

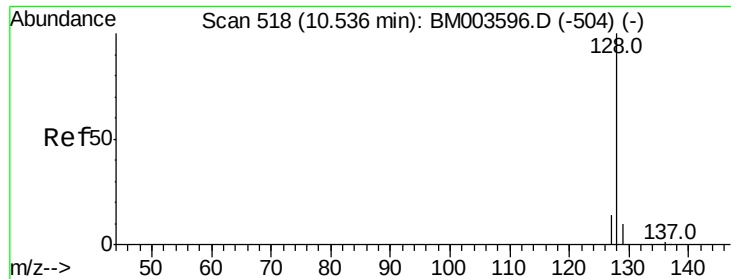
Instrument :
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Quant Time: Dec 18 00:37:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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QLast Update : Fri Dec 18 00:27:21 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 23.02 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.01 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Instrument :

BNA_M

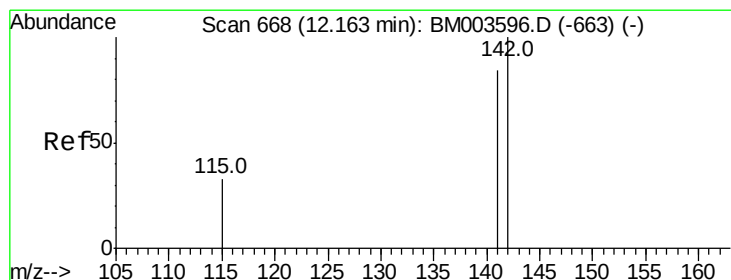
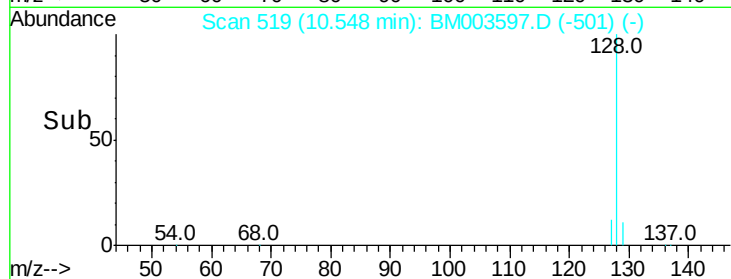
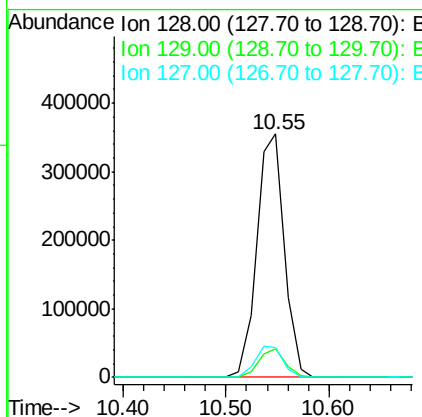
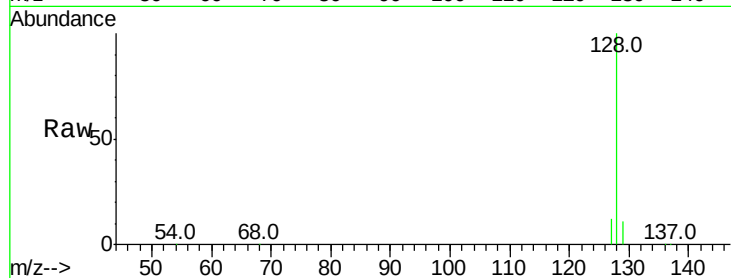
ClientSampleId :

D9N45

Tot Ion:	128	Resp:	660649
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.6
127	12.0	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 2.69 ng/ul

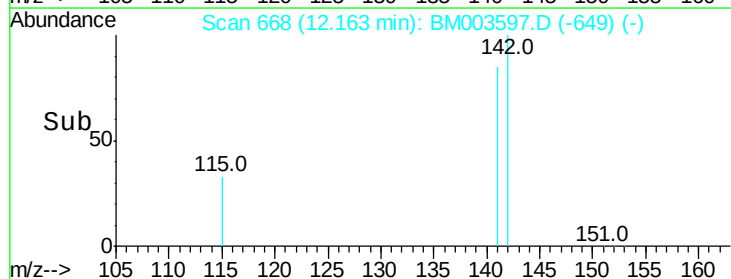
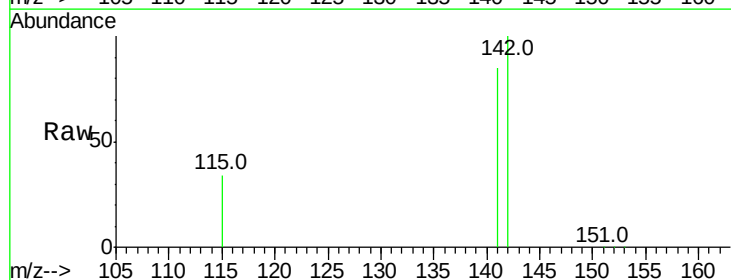
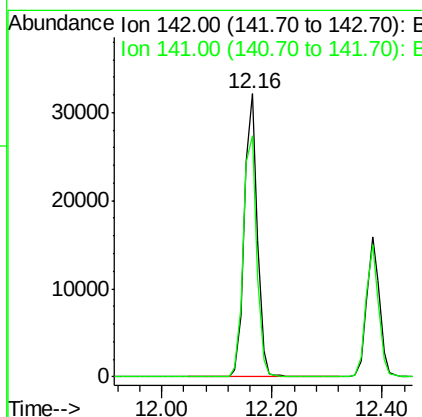
RT: 12.16 min Scan# 668

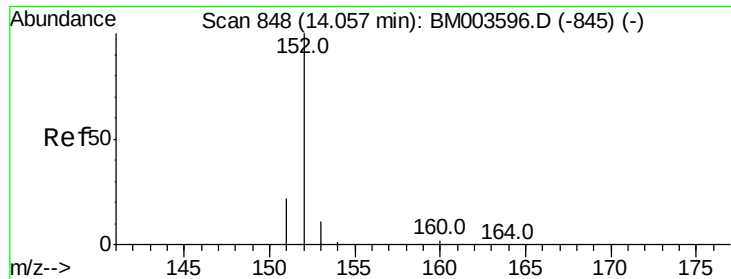
Delta R.T. -0.00 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Tgt Ion:	142	Resp:	51851
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.3	105.5





#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.02 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Instrument :

BNA_M

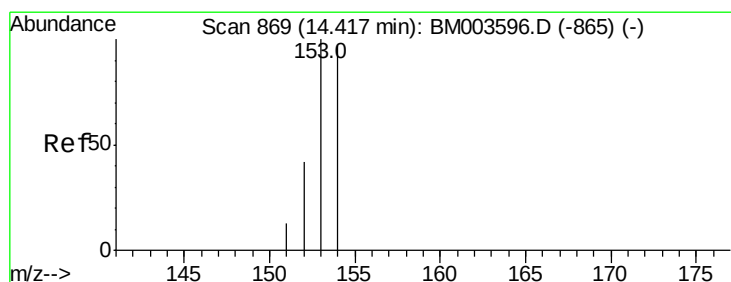
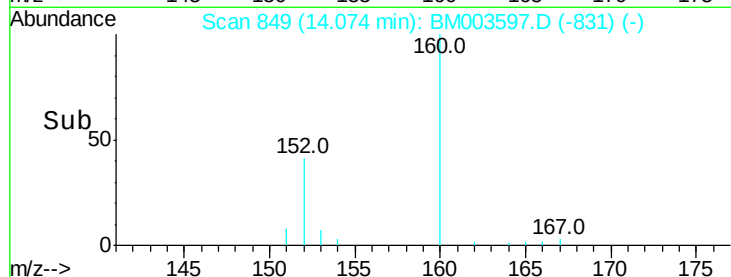
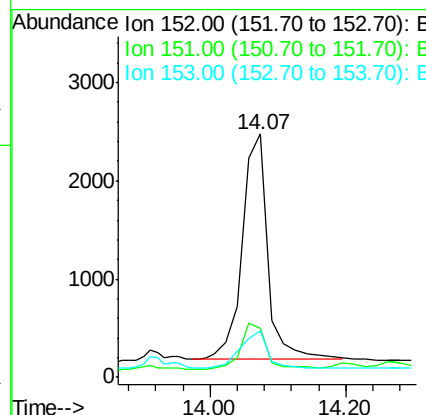
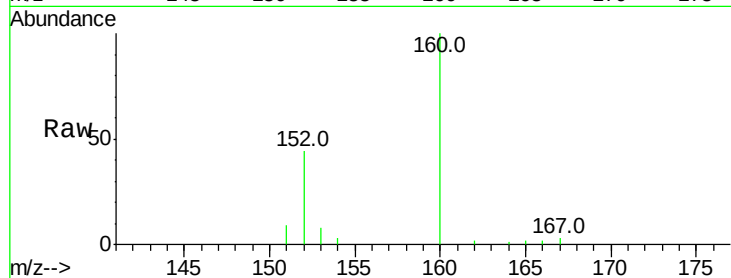
ClientSampleId :

D9N45

Tot Ion:	152	Resp:	5587
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.6	26.4
153	19.0	9.7	14.5#

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#10

Acenaphthene

Concen: 1.60 ng/ul

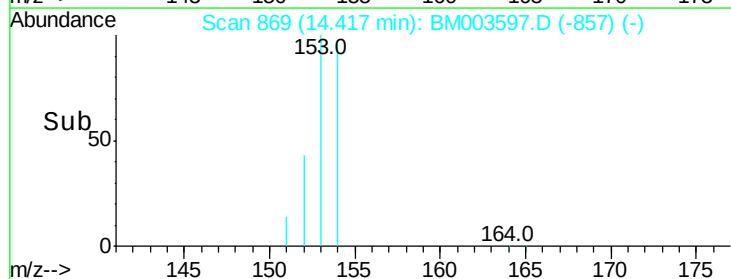
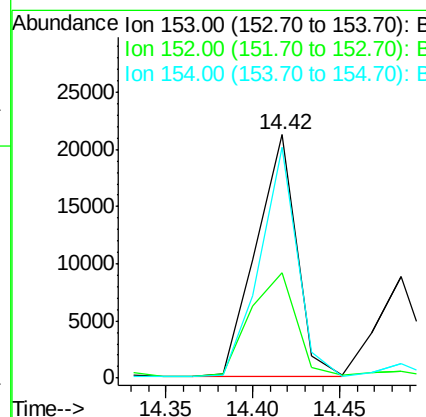
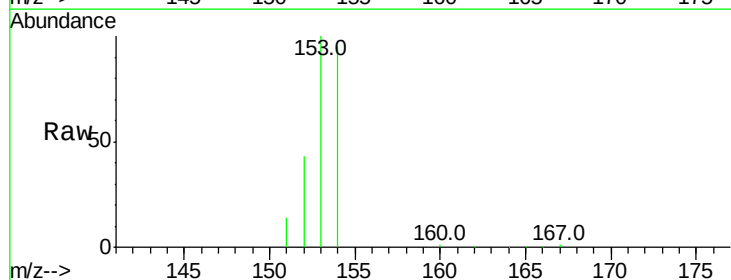
RT: 14.42 min Scan# 869

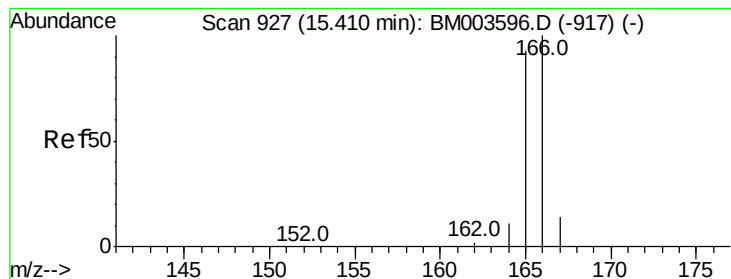
Delta R.T. -0.00 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Tgt Ion:	153	Resp:	34483
Ion Ratio	Lower	Upper	
153	100		
152	43.3	33.9	50.9
154	95.0	80.6	121.0





#11

Fluorene

Concen: 1.62 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Instrument :

BNA_M

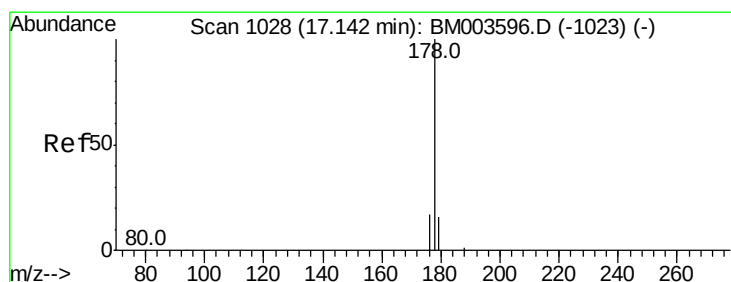
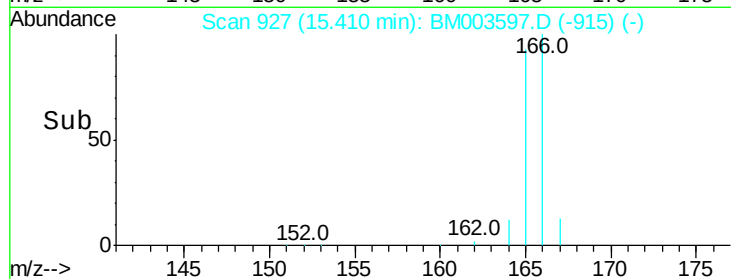
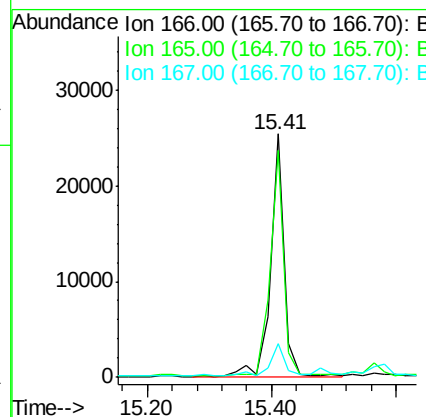
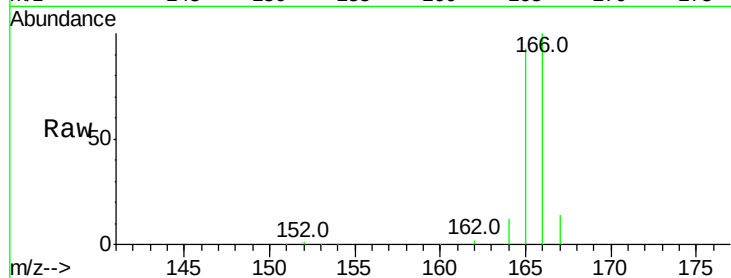
ClientSampleId :

D9N45

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Tot Ion:	166	Resp:	38695
Ion Ratio	Lower	Upper	
166	100		
165	93.3	69.6	104.4
167	14.0	11.9	17.9



#14

Phenanthrene

Concen: 4.47 ng/ul

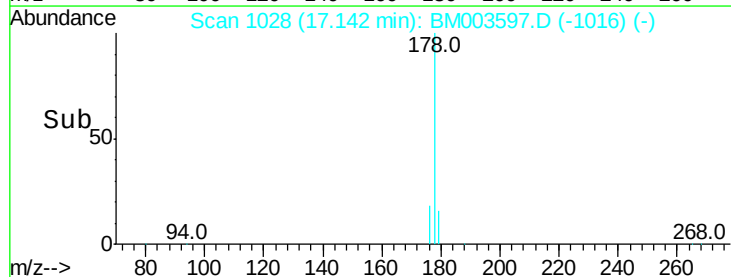
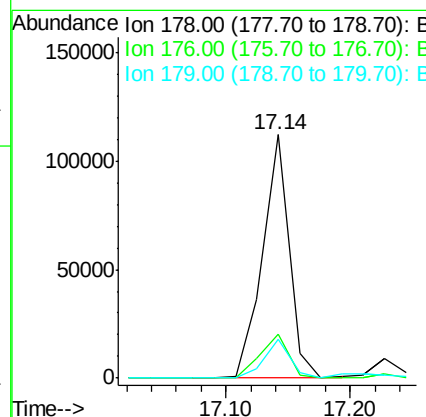
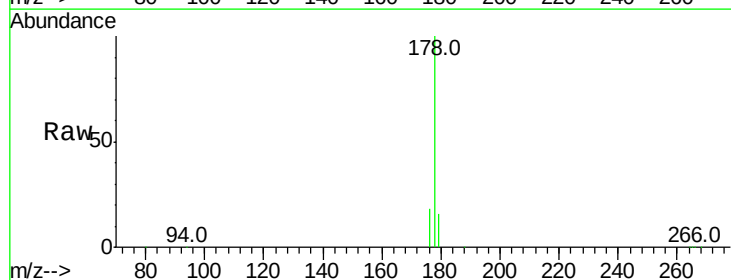
RT: 17.14 min Scan# 1028

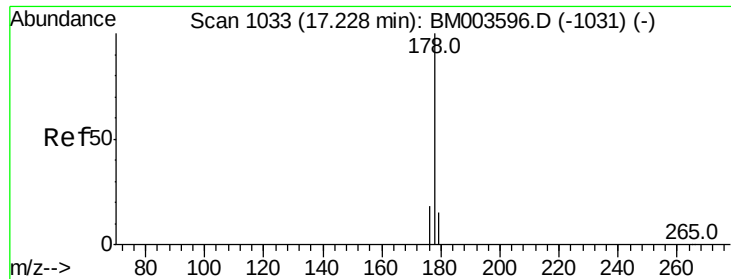
Delta R.T. -0.00 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Tgt Ion:	178	Resp:	165382
Ion Ratio	Lower	Upper	
178	100		
176	18.0	13.0	19.4
179	16.2	14.2	21.2





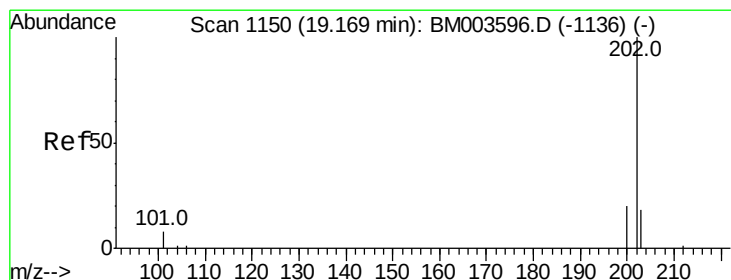
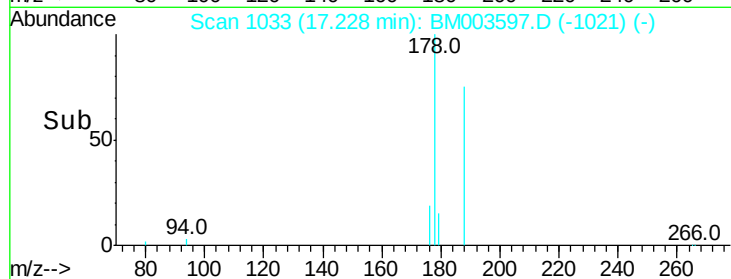
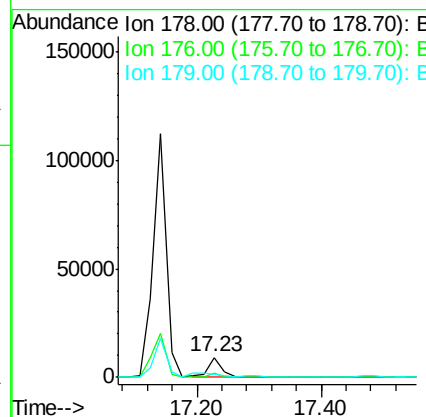
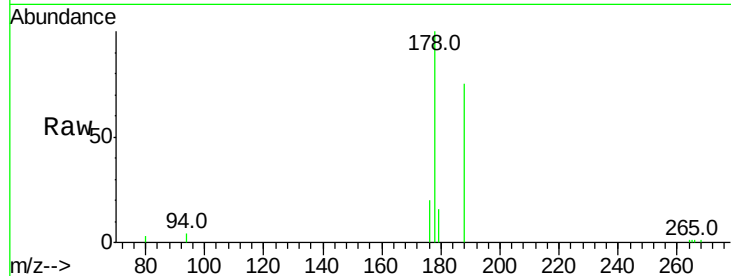
#15
 Anthracene
 Concen: 0.44 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BM003597.D
 Acq: 17 Dec 2015 13:49

Instrument :
 BNA_M
 ClientSampleId :
 D9N45

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.0	21.0
179	16.4	12.9	19.3

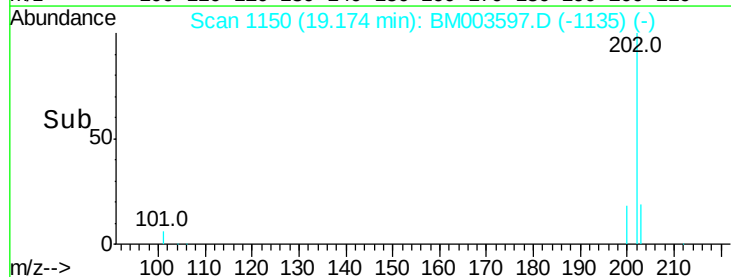
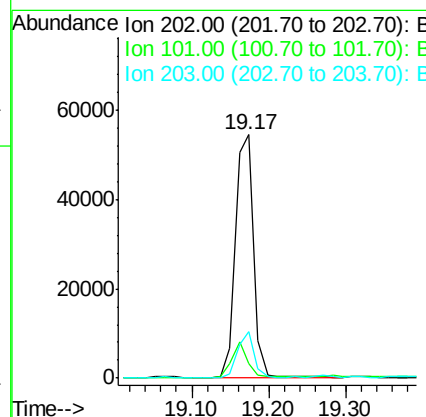
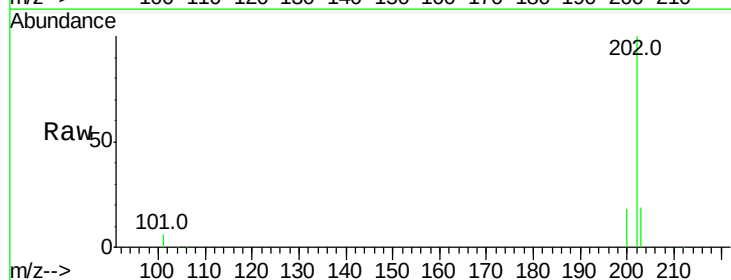
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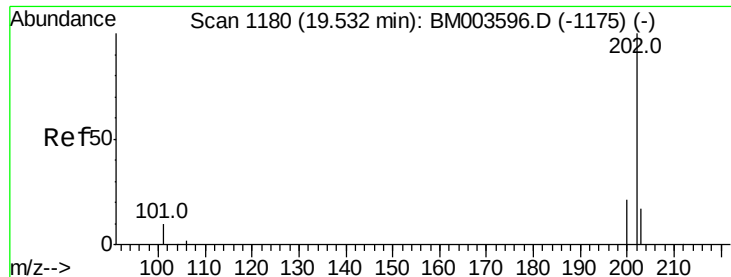
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#17
 Fluoranthene
 Concen: 2.19 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BM003597.D
 Acq: 17 Dec 2015 13:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	29.6
203	19.0	0.0	36.3





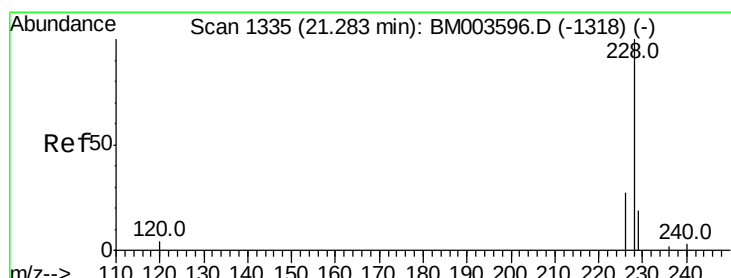
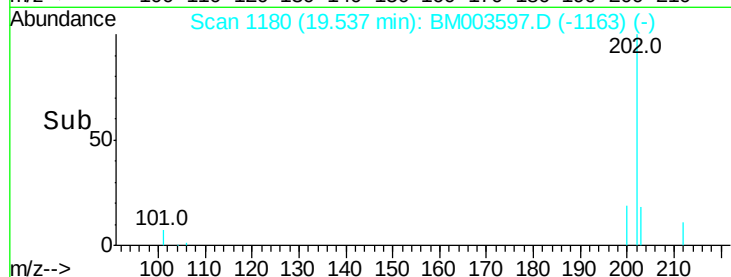
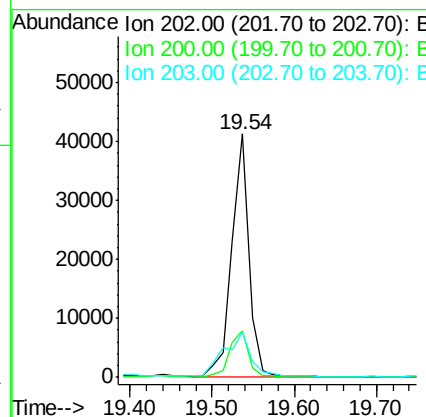
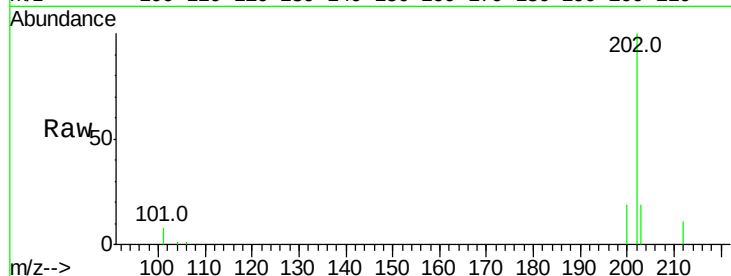
#19
Pvrene
Concen: 1.60 ng/ul
RT: 19.54 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM003597.D
Acq: 17 Dec 2015 13:49

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.8	26.8
203	18.7	12.8	19.2

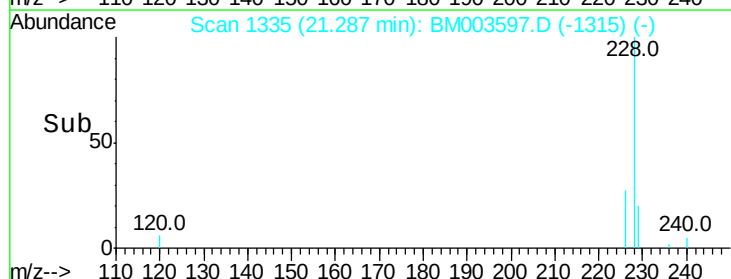
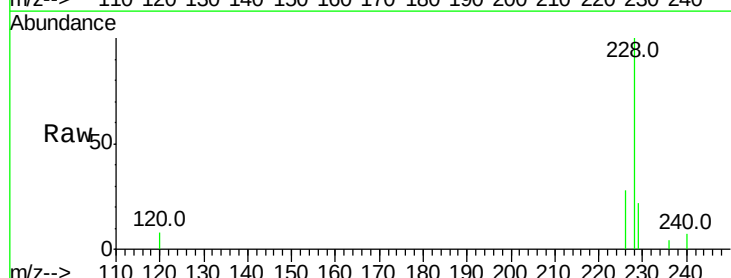
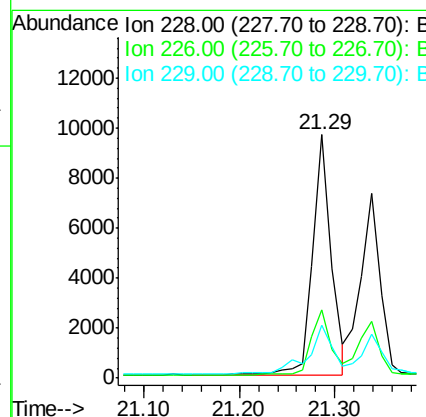
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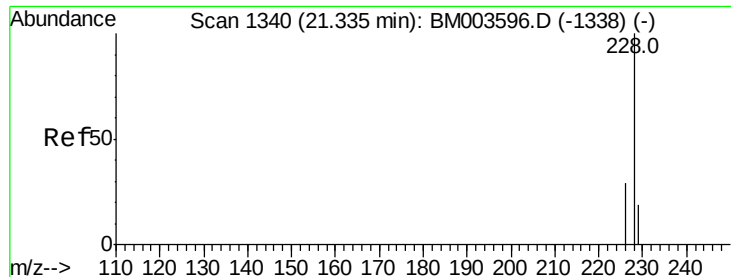
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#20
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.29 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM003597.D
Acq: 17 Dec 2015 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	18.8	28.2
229	21.6	17.1	25.7





#21

Chrysene

Concen: 0.27 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Instrument :

BNA_M

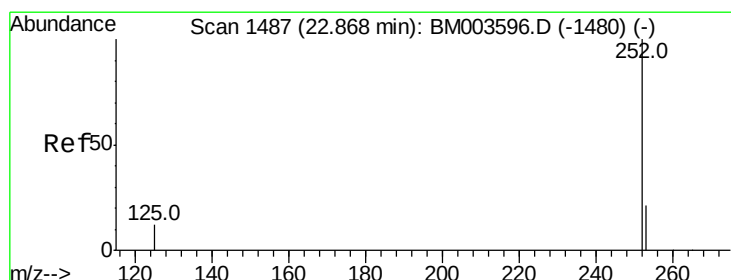
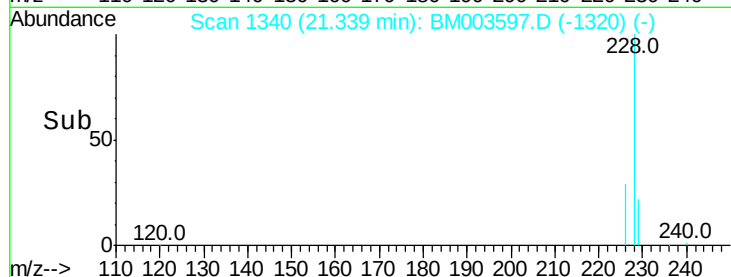
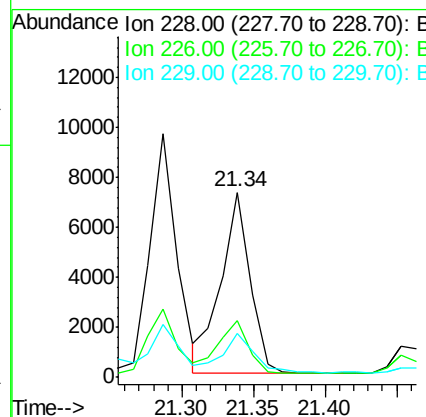
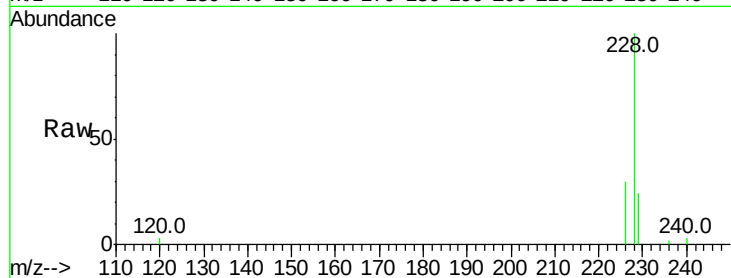
ClientSampleId :

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Tot Ion:	228	Resp:	10244
Ion Ratio	Lower	Upper	
228	100		
226	30.4	21.2	31.8
229	23.6	17.0	25.6

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#23

Benzo(b)fluoranthene

Concen: 0.12 ng/ul m

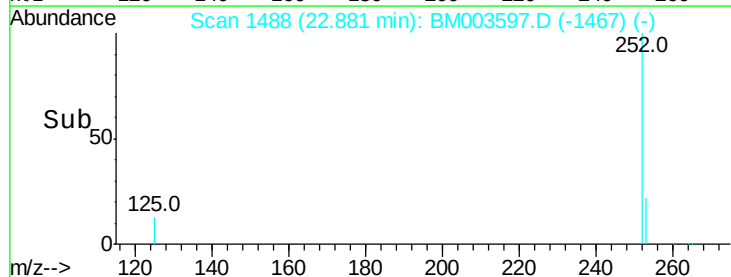
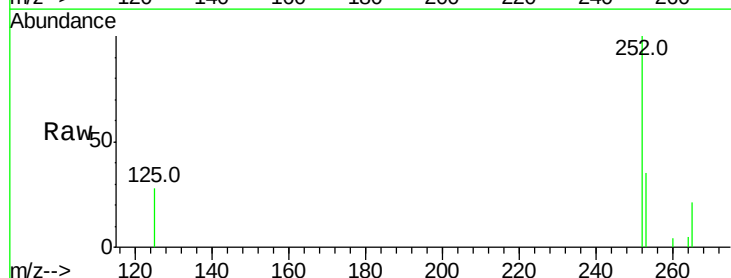
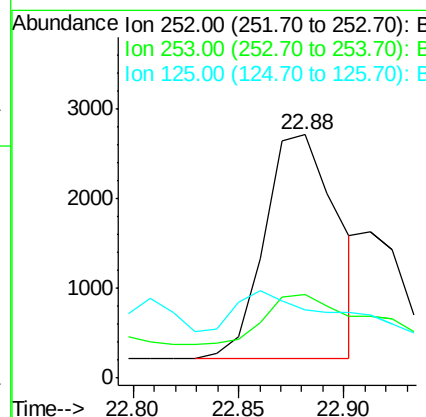
RT: 22.88 min Scan# 1488

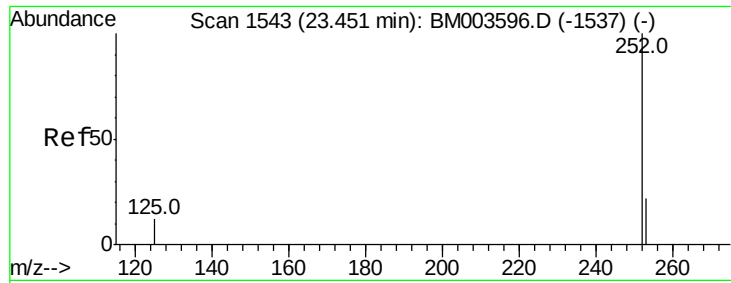
Delta R.T. 0.01 min

Lab File: BM003597.D

Acq: 17 Dec 2015 13:49

Tgt Ion:	252	Resp:	5972
Ion Ratio	Lower	Upper	
252	100		
253	34.6	0.0	45.4
125	27.9	0.0	28.8





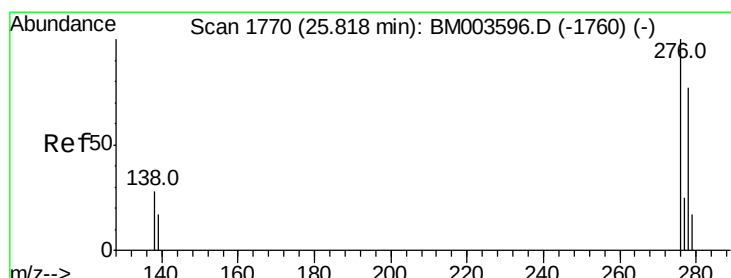
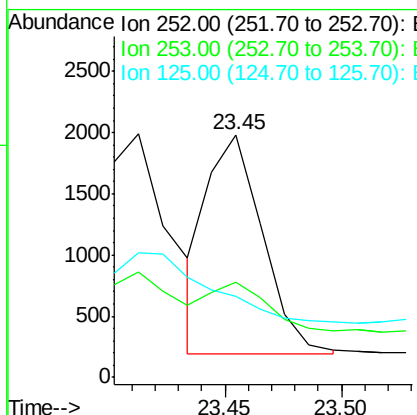
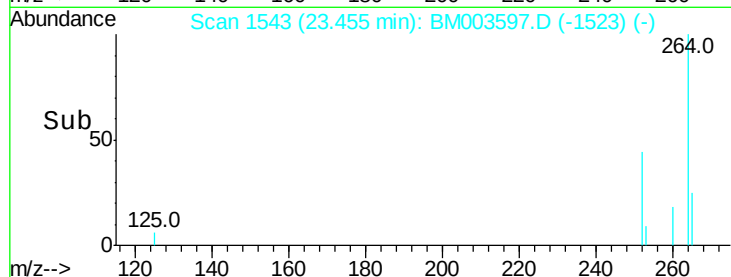
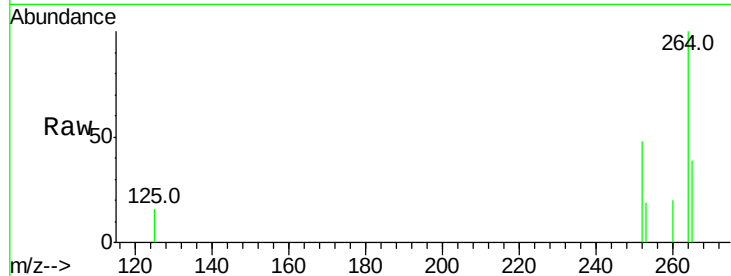
#25
Benzo(a)pyrene
Concen: 0.07 ng/ul m
RT: 23.45 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BM003597.D
Acq: 17 Dec 2015 13:49

Instrument :
BNA_M
ClientSampleId :
D9N45

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.3	19.4	29.2#
125	33.5	12.7	19.1#

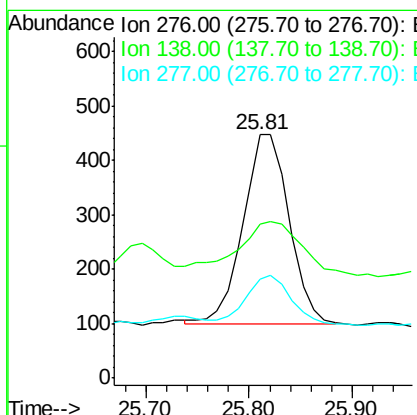
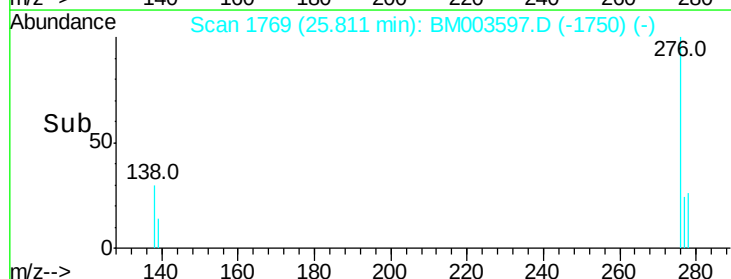
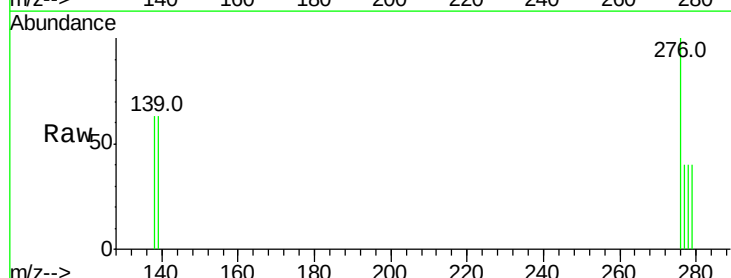
Manual Integrations
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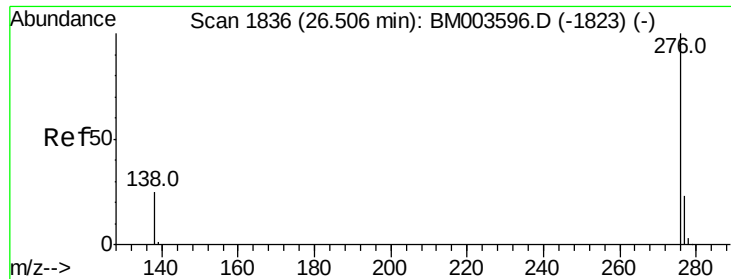
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#26
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul m
RT: 25.81 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM003597.D
Acq: 17 Dec 2015 13:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#





#28

Benzo(a,h,i)perylene

Concen: 0.02 ng/ul m

RT: 26.51 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BM003597.D

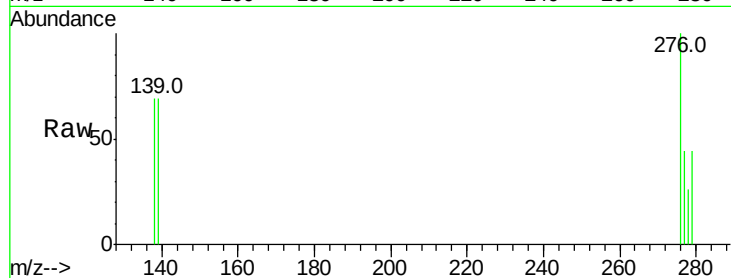
Acq: 17 Dec 2015 13:49

Instrument :

BNA_M

ClientSampleId :

D9N45



Tot Ion: 276 Resp: 914

Ion Ratio Lower Upper

276 100

277 44.4 18.9 28.3#

138 69.3 22.5 33.7#

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:22:53 PM

