

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Manual Integrations
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 11/23/2015 7:04:35 PM

Quant Time: Nov 22 05:28:23 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15367	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	63764	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	35524	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	66591m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	56822	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	59734	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	48732	2.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	15881	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	25331	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	20942	0.13	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	9704	0.09	ng/ul#	100
9) Acenaphthylene	14.09	152	24890	0.17	ng/ul	98
13) Pentachlorophenol	16.78	266	2625	0.17	ng/ul	96
14) Phenanthrene	17.16	178	427783m	2.21	ng/ul	
15) Anthracene	17.26	178	70914	0.44	ng/ul	99
17) Fluoranthene	19.19	202	865815	4.04	ng/ul	99
19) Pyrene	19.55	202	782508	4.02	ng/ul	99
20) Benzo(a)anthracene	21.30	228	334621	2.03	ng/ul#	90
21) Chrysene	21.35	228	406494m	2.19	ng/ul	
23) Benzo(b)fluoranthene	22.90	252	544475m	2.40	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	179212m	0.83	ng/ul	
25) Benzo(a)pyrene	23.48	252	351366	1.74	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.86	276	254951	1.06	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	58479	0.30	ng/ul#	86
28) Benzo(a,h,i)perylene	26.56	276	257601	1.22	ng/ul	99

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

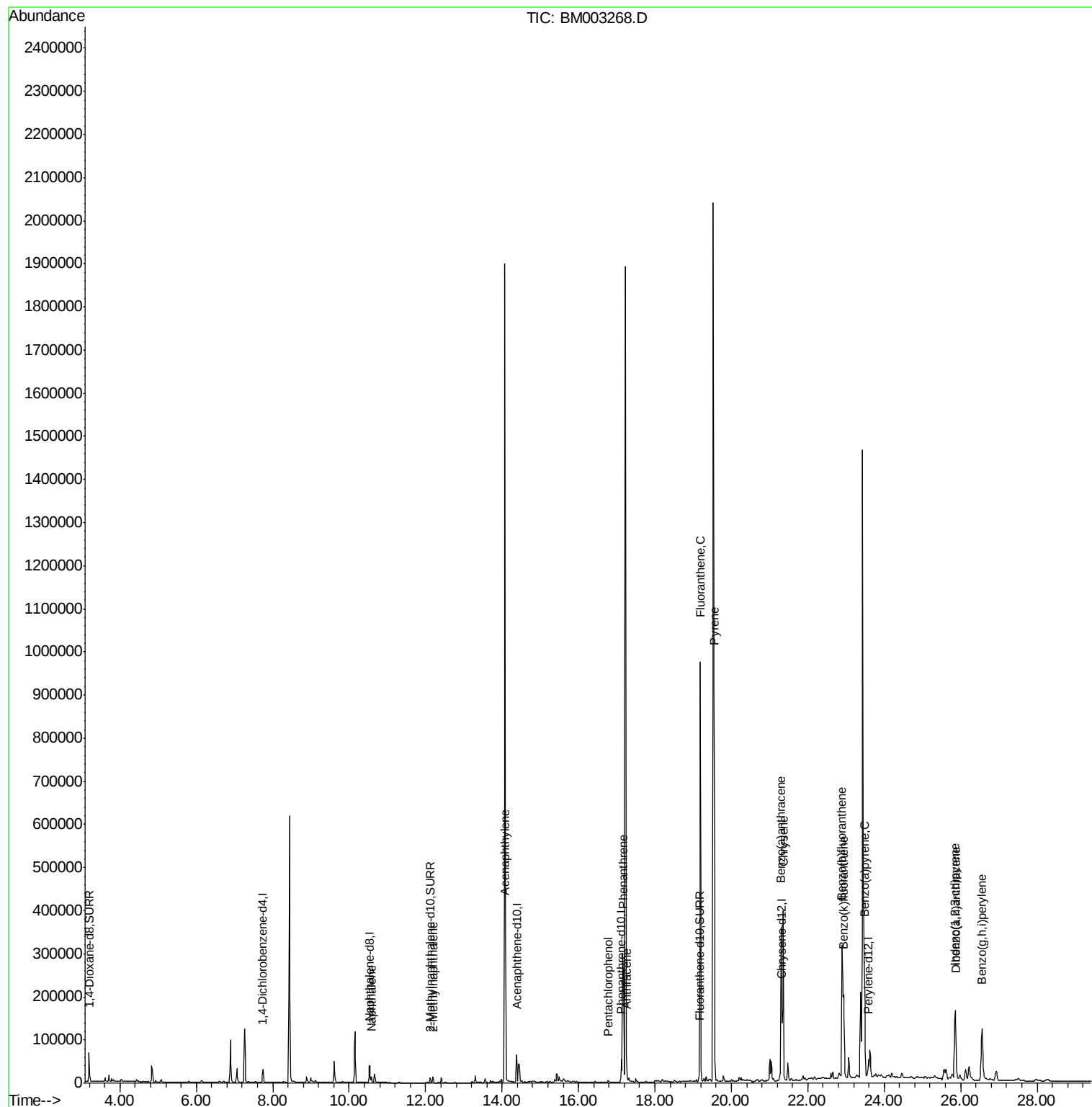
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003268.D
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Sample : G4345-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

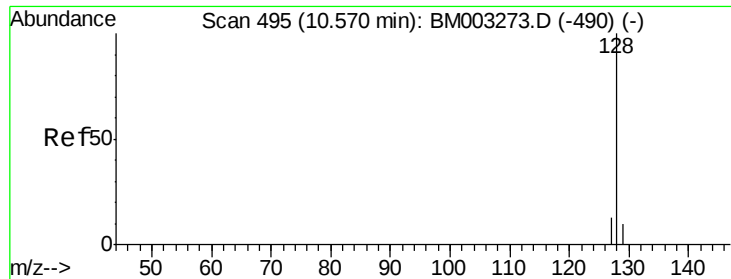
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.13 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

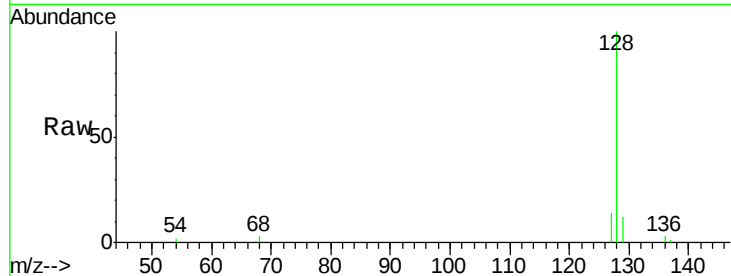
ClientSampleId :

A4J54

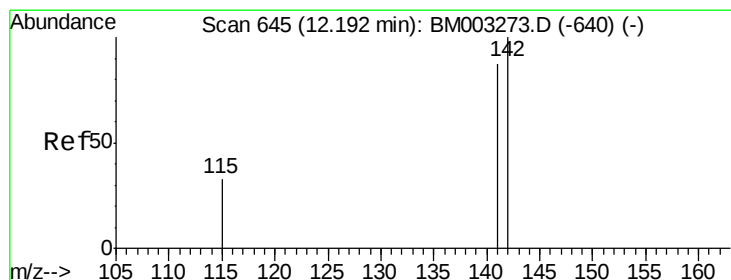
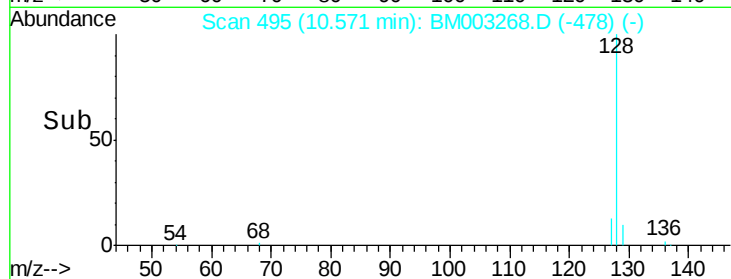
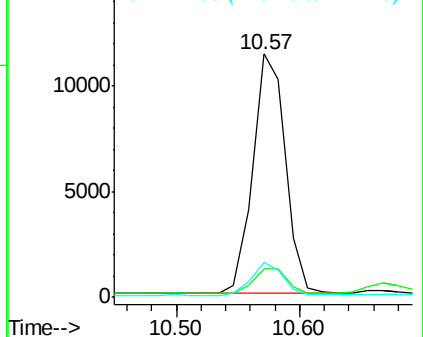
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Tot Ion:128	Resp:	20942
Ion Ratio	Lower	Upper
128 100		
129 11.7	9.0	13.6
127 14.2	9.6	14.4



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



#7

2-Methylnaphthalene

Concen: 0.09 ng/ul

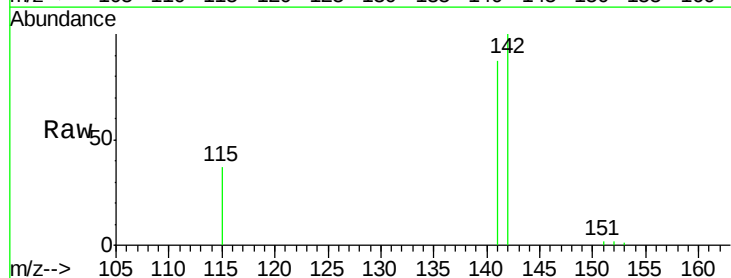
RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

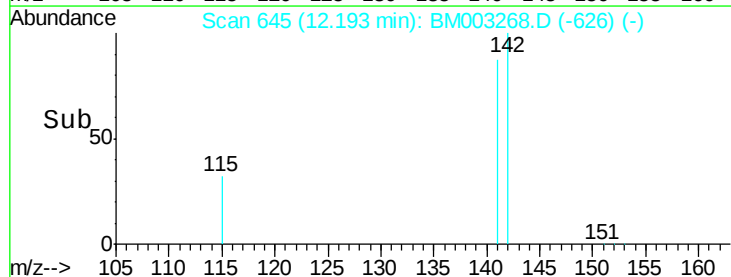
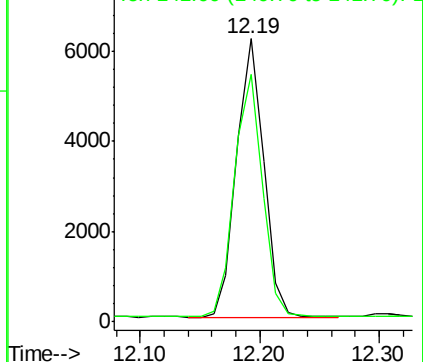
Lab File: BM003268.D

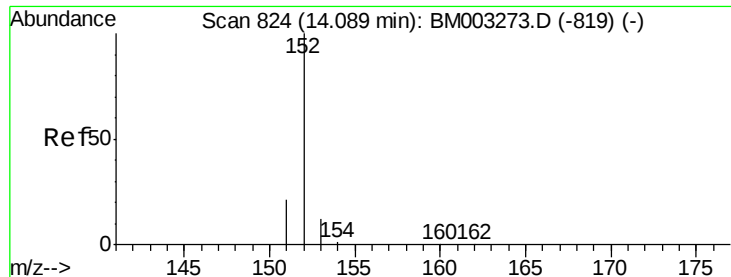
Acq: 22 Nov 2015 03:04

Tgt Ion:142	Resp:	9704
Ion Ratio	Lower	Upper
142 100		
141 88.7	0.0	0.0#



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





#9

Acenaphthylene

Concen: 0.17 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

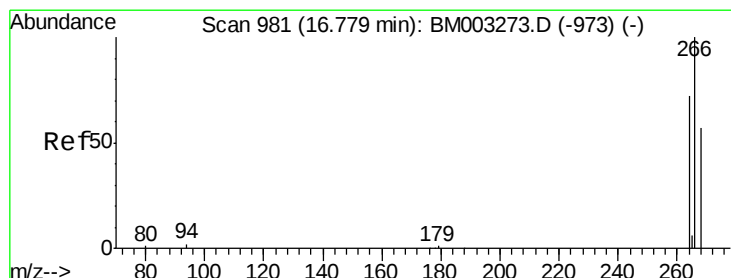
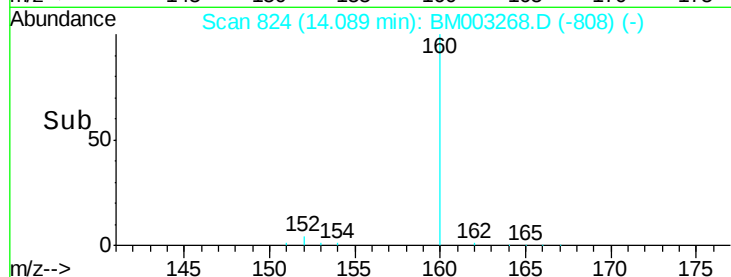
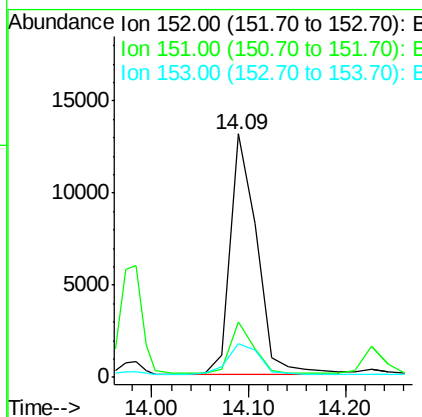
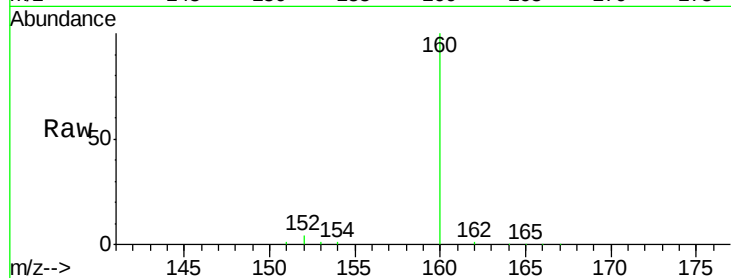
ClientSampleId :

A4J54

Tot Ion:	152	Resp:	24890
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.6	26.4
153	13.7	9.7	14.5

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#13

Pentachlorophenol

Concen: 0.17 ng/ul

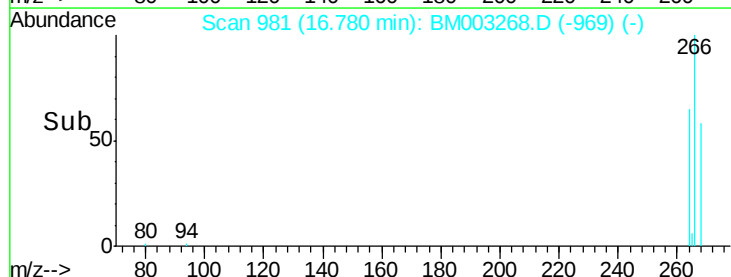
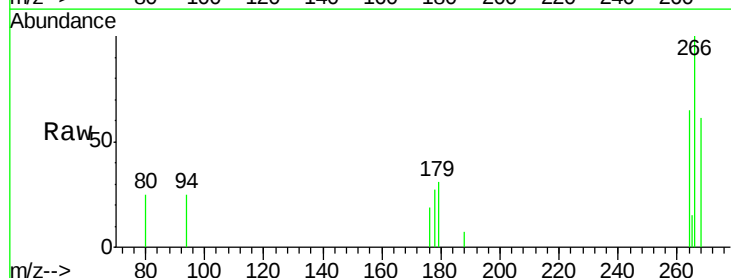
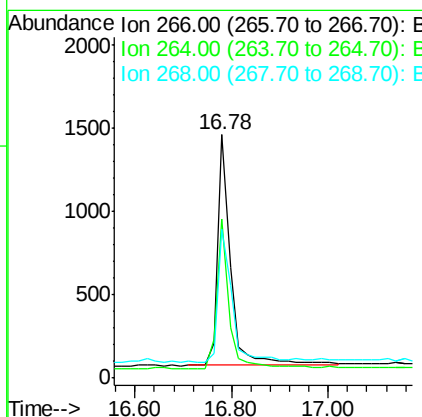
RT: 16.78 min Scan# 981

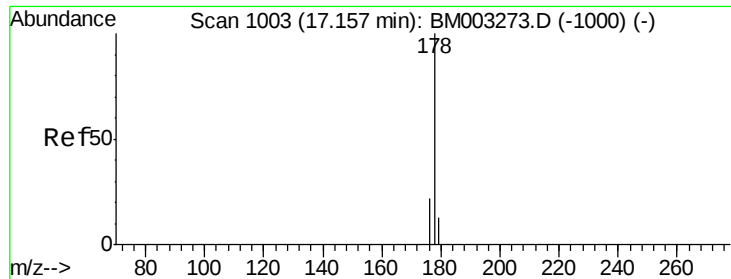
Delta R.T. -0.00 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Tgt Ion:	266	Resp:	2625
Ion Ratio	Lower	Upper	
266	100		
264	61.6	51.8	77.8
268	62.1	46.8	70.2





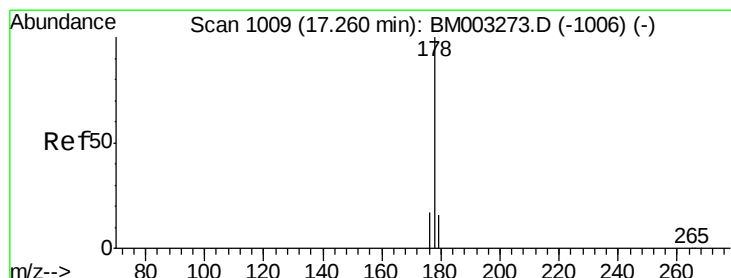
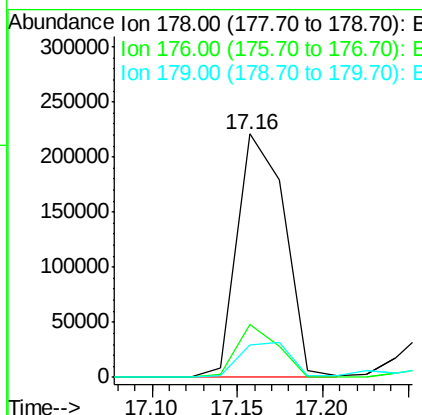
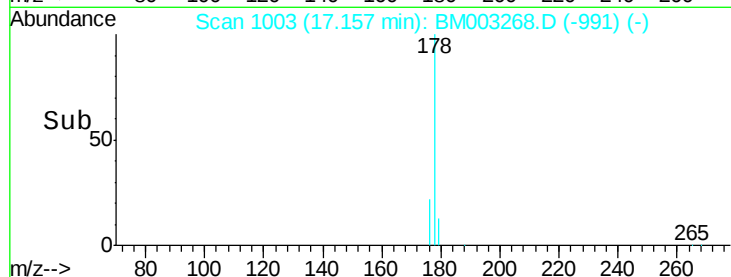
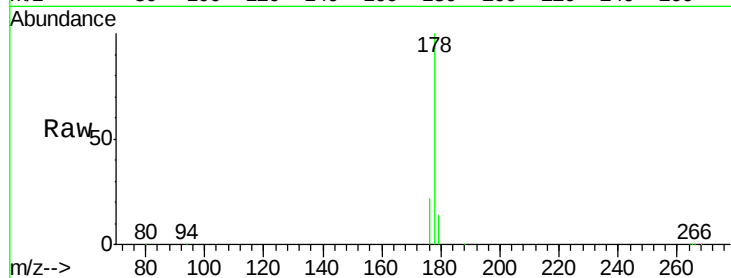
#14
Phenanthrene
Concen: 2.21 ng/ul m
RT: 17.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Instrument :
BNA_M
ClientSampleId :
A4J54

Tot Ion:178 Resp: 427783
Ion Ratio Lower Upper
178 100
176 21.9 13.0 19.4#
179 13.5 14.2 21.2#

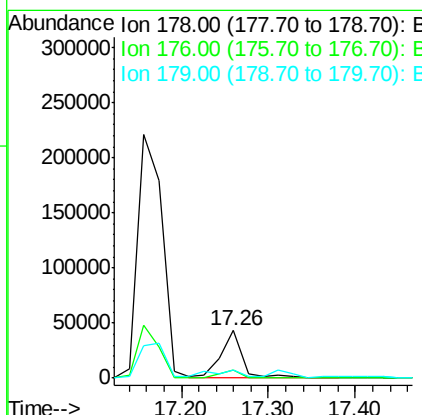
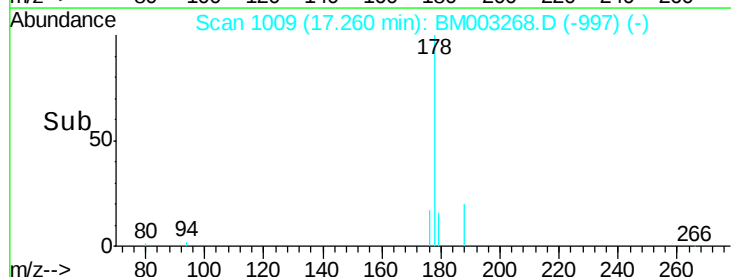
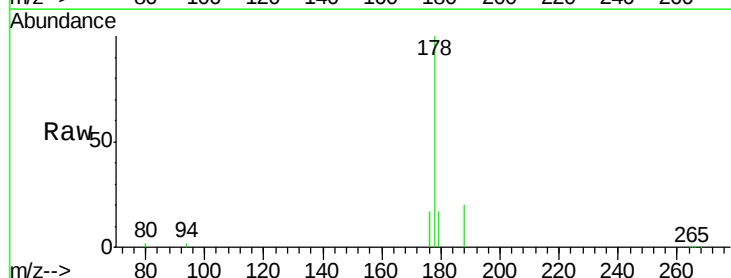
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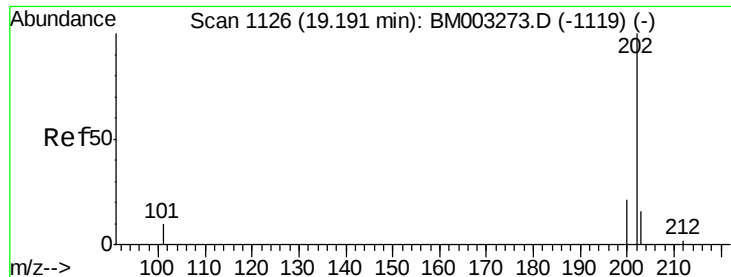
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#15
Anthracene
Concen: 0.44 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Tgt Ion:178 Resp: 70914
Ion Ratio Lower Upper
178 100
176 17.1 14.0 21.0
179 16.9 12.9 19.3





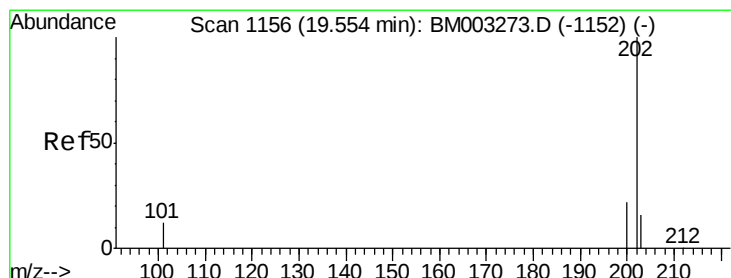
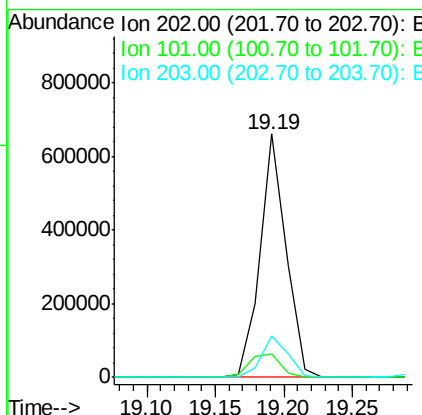
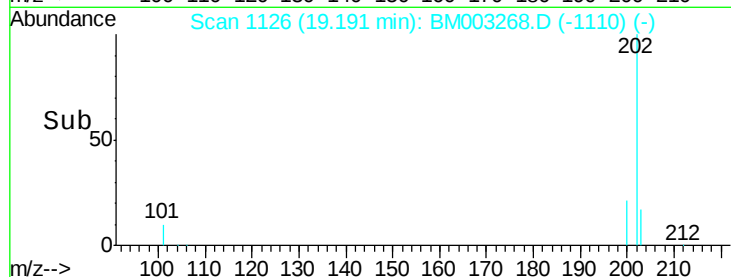
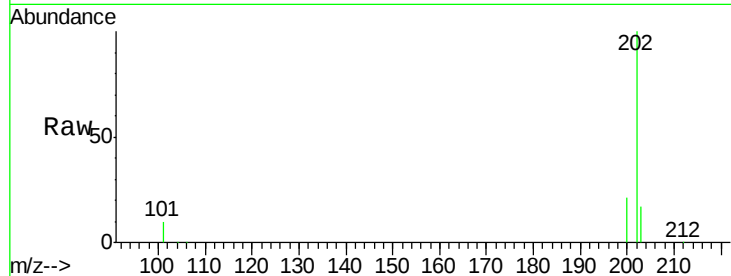
#17
Fluoranthene
Concen: 4.04 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Instrument :
BNA_M
ClientSampleId :
A4J54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		865815		
101	9.7	0.0	29.6		
203	16.9	0.0	36.3		

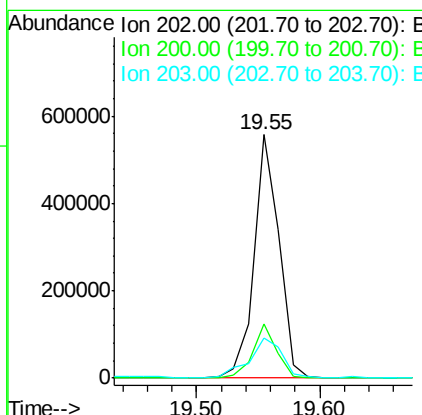
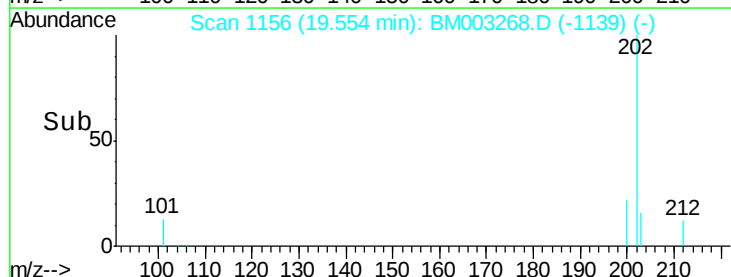
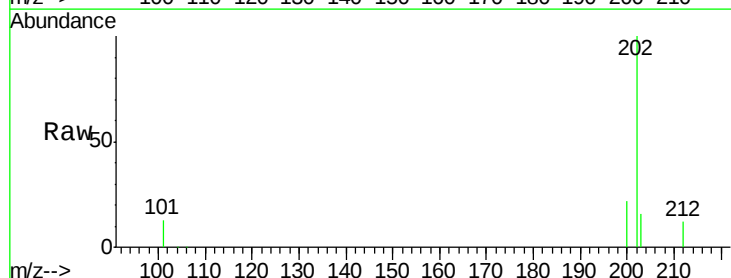
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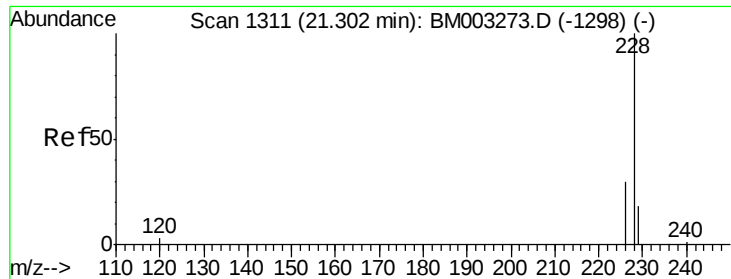
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#19
Pyrene
Concen: 4.02 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		782508		
200	22.0	17.8	26.8		
203	16.4	12.8	19.2		





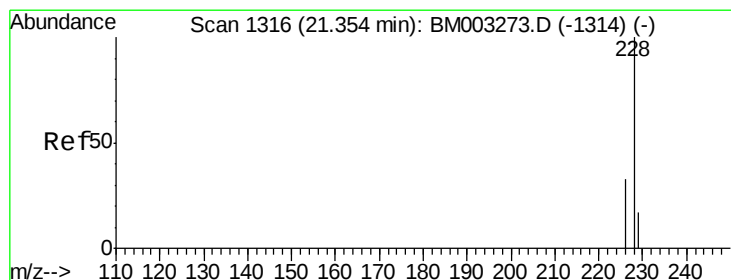
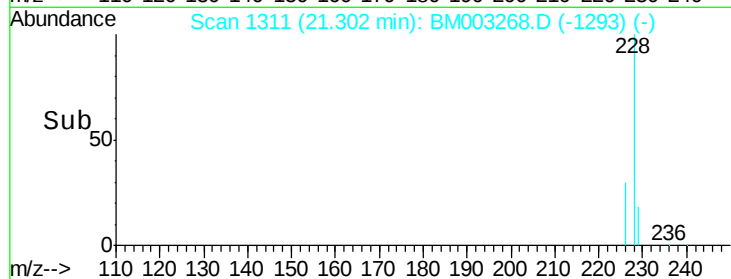
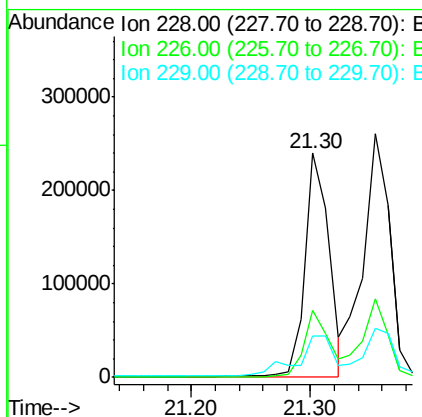
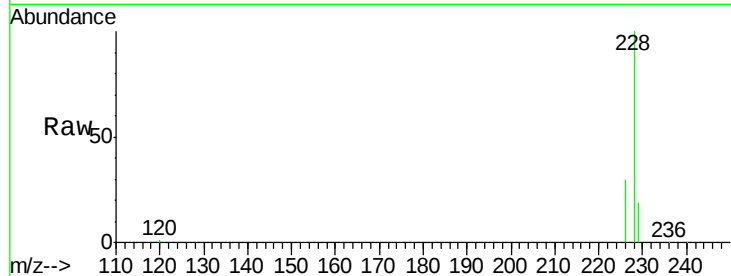
#20
Benzo(a)anthracene
Concen: 2.03 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Instrument :
BNA_M
ClientSampleId :
A4J54

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	18.8	28.2#
229	18.7	17.1	25.7

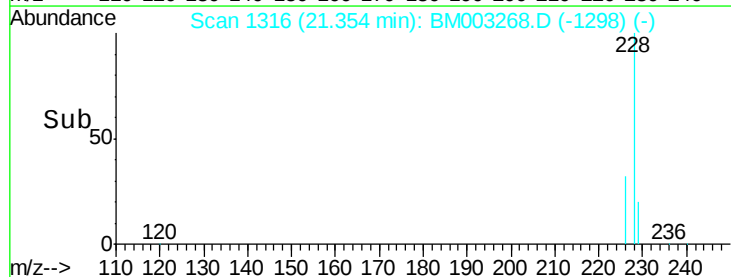
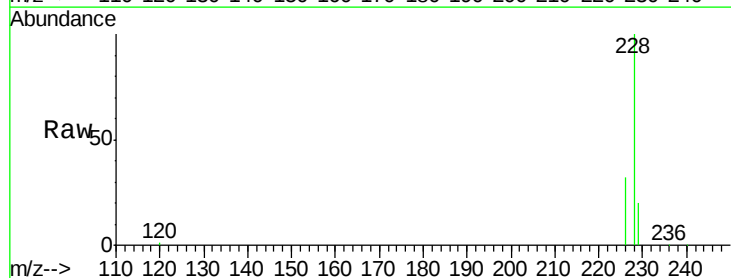
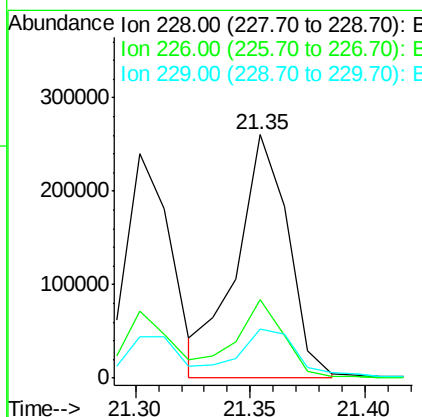
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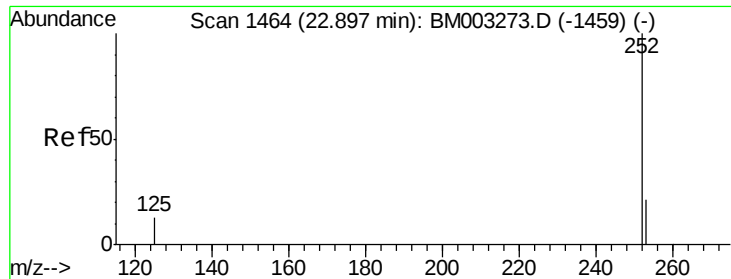
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#21
Chrysene
Concen: 2.19 ng/ul m
RT: 21.35 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	21.2	31.8#
229	20.4	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 2.40 ng/ul m

RT: 22.90 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM003268.D

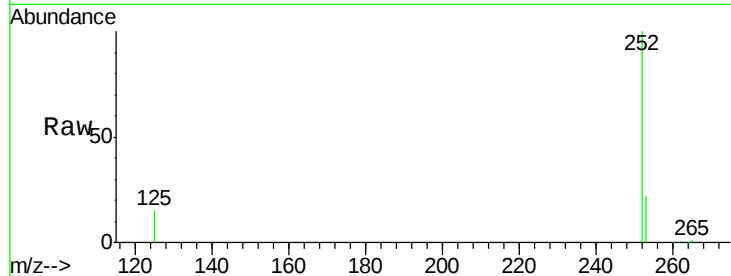
Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

ClientSampleId :

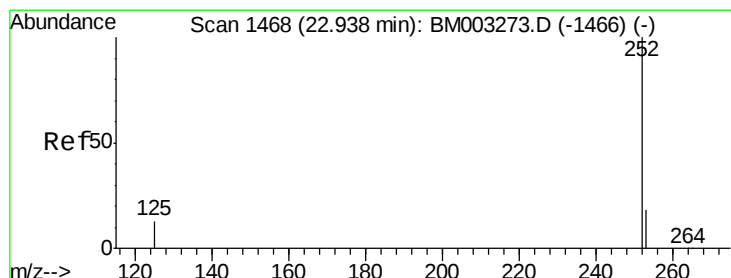
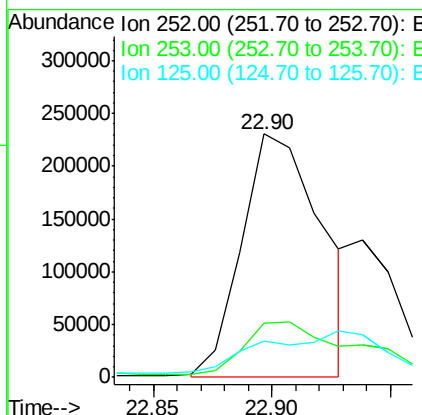
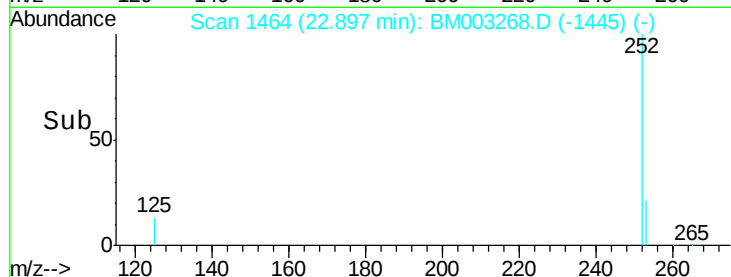
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Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	45.4
125	14.8	0.0	28.8

Manual Integrations
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#24

Benzo(k)fluoranthene

Concen: 0.83 ng/ul m

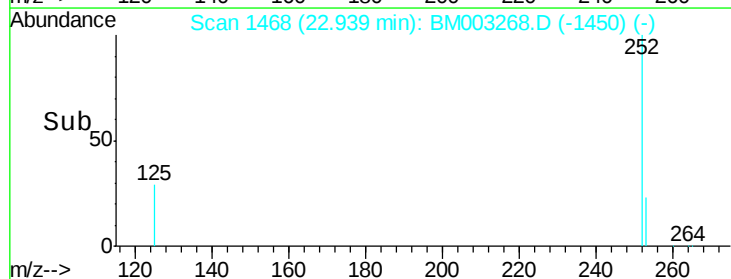
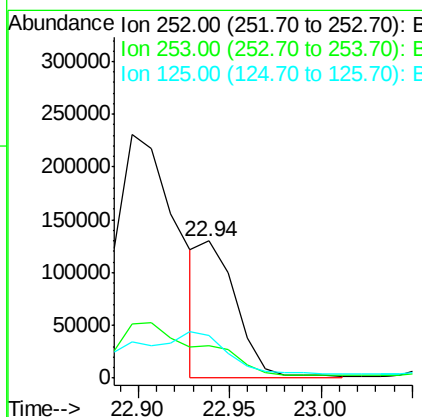
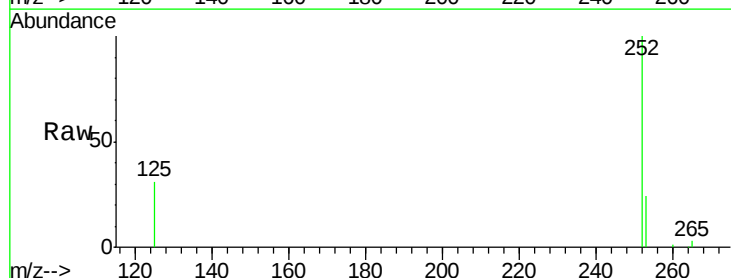
RT: 22.94 min Scan# 1468

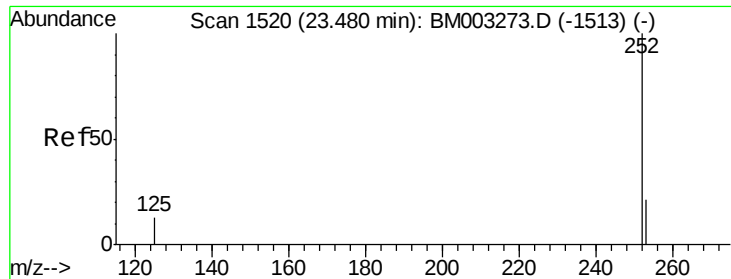
Delta R.T. -0.01 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	31.2	10.4	15.6#





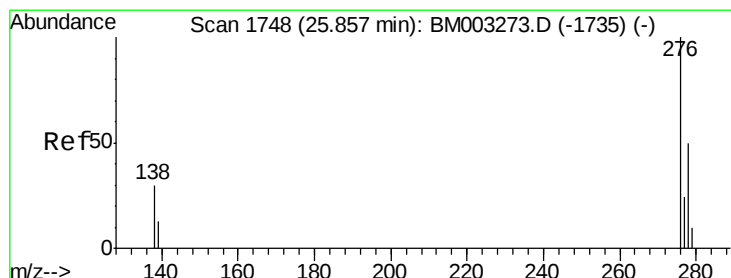
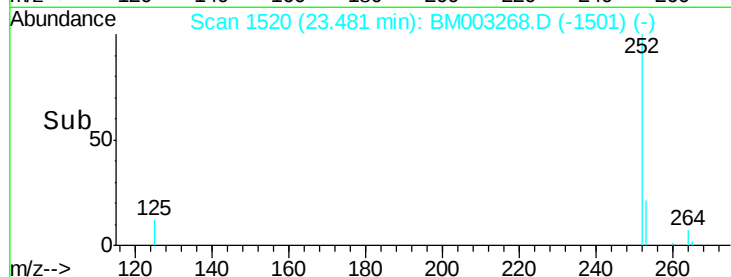
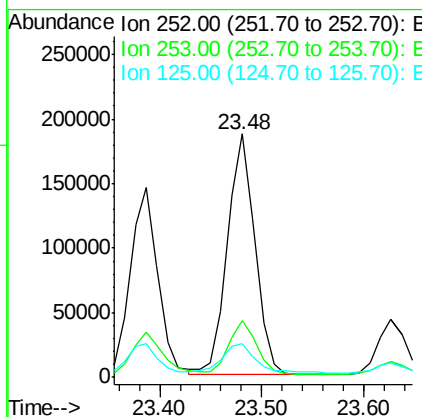
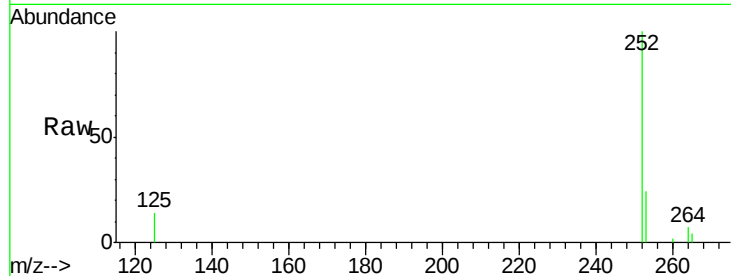
#25
Benzo(a)pyrene
Concen: 1.74 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Instrument :
BNA_M
ClientSampleId :
A4J54

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.2
125	13.9	12.7	19.1

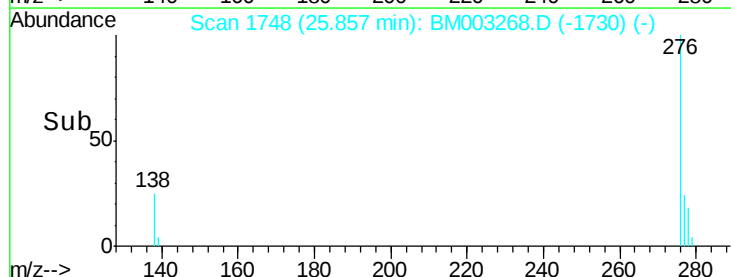
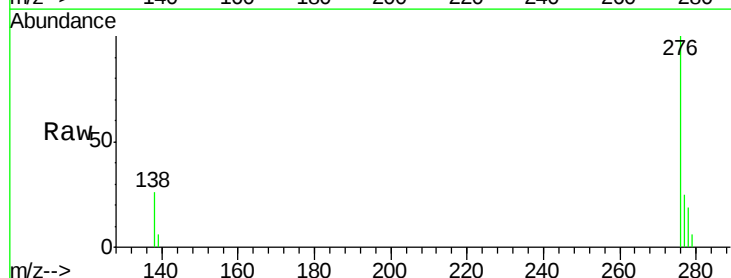
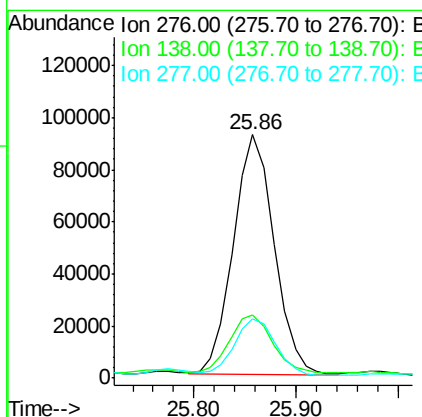
Manual Integrations
APPROVED

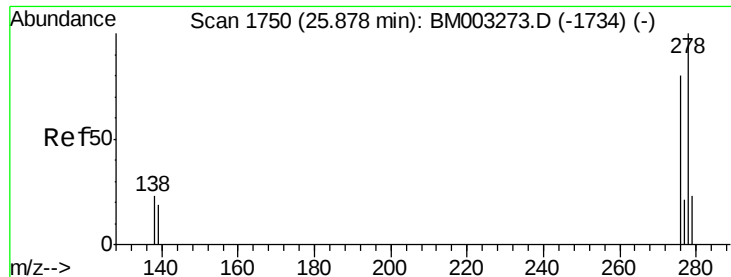
Mmdadoda
11/23/2015 7:04:35 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 1.06 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM003268.D
Acq: 22 Nov 2015 03:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	16.3	24.5#
277	24.1	19.8	29.8





#27

Dibenzo(a,h)anthracene

Concen: 0.30 ng/ul

RT: 25.87 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Instrument :

BNA_M

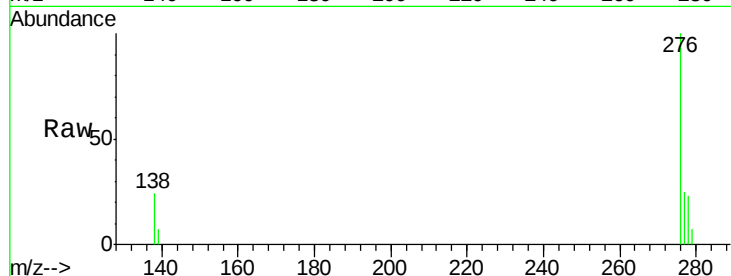
ClientSampleId :

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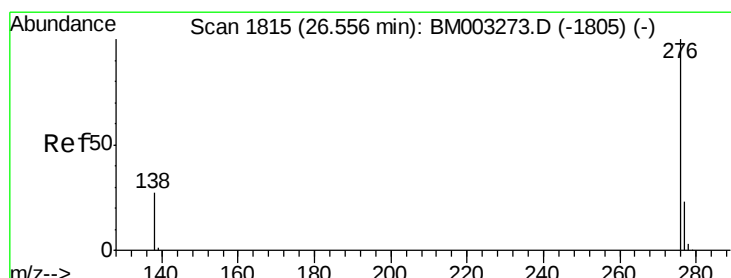
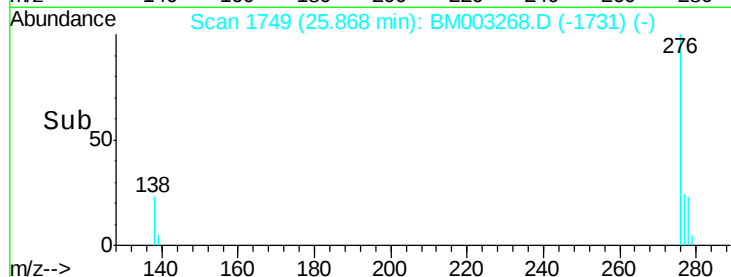
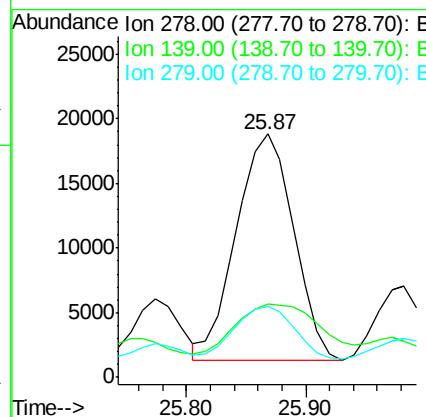
Manual Integrations
APPROVED

Mmdadoda

11/23/2015 7:04:35 PM



Tot Ion:	278	Resp:	58479
Ion Ratio	Lower	Upper	
278	100		
139	30.1	16.4	24.6#
279	29.1	20.2	30.2



#28

Benzo(g,h,i)perylene

Concen: 1.22 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM003268.D

Acq: 22 Nov 2015 03:04

Tgt Ion:	276	Resp:	257601
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.9	28.3
138	27.7	22.5	33.7

