

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
 Data File : BM006324.D
 Acq On : 07 Jul 2016 18:04
 Operator : UM/SJ
 Sample : H3811-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Manual Integrations

umangi
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Quant Time: Jul 08 04:27:50 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4520	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18121	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10798	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	24187m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	19142	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12811m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6984	3.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6679	0.32	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	16199	0.32	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	10.46	128	1373	0.03	ng/ul#	78
7) 2-Methylnaphthalene	12.09	142	739	0.03	ng/ul	98
9) Acenaphthylene	14.01	152	3595	0.10	ng/ul#	93
10) Acenaphthene	14.35	153	9694	0.27	ng/ul	92
11) Fluorene	15.34	166	1552	0.04	ng/ul#	82
13) Pentachlorophenol	16.70	266	1962	0.53	ng/ul	96
14) Phenanthrene	17.07	178	42921m	0.64	ng/ul	
15) Anthracene	17.16	178	7950	0.13	ng/ul#	88
17) Fluoranthene	19.11	202	94921	1.29	ng/ul	93
19) Pyrene	19.47	202	102252	1.28	ng/ul	95
20) Benzo(a)anthracene	21.22	228	33168	0.54	ng/ul#	93
21) Chrysene	21.27	228	39310	0.65	ng/ul	96
23) Benzo(b)fluoranthene	22.78	252	42190m	0.92	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	10881m	0.25	ng/ul	
25) Benzo(a)pyrene	23.35	252	27237m	0.64	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	19467m	0.41	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	17990m	0.45	ng/ul	

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

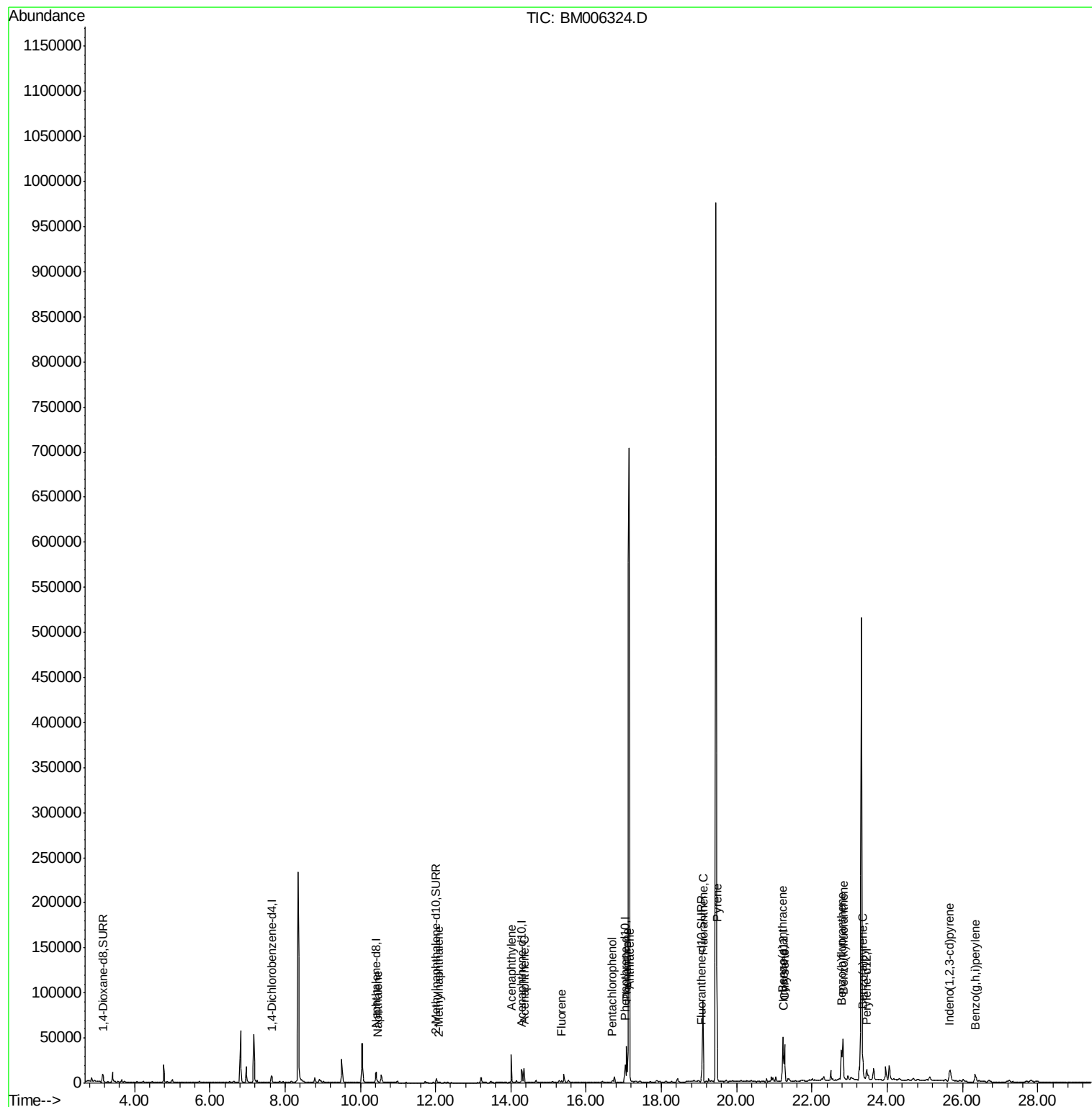
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\
Data File : BM006324.D
Acq On : 07 Jul 2016 18:04
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Sample : H3811-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

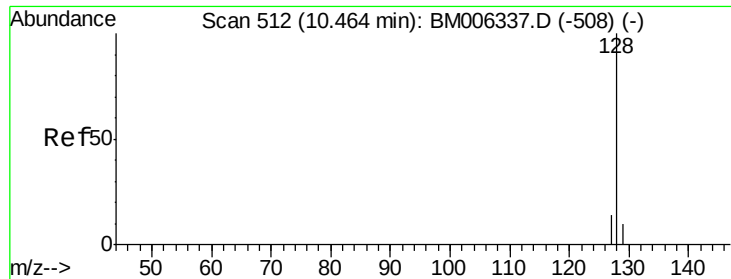
Instrument :
BNA_M
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A4TV6MS

Manual Integrations

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Quant Time: Jul 08 04:27:50 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 03:28:13 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.01 min

Lab File: BM006324.D

Acq: 07 Jul 2016 18:04

Instrument :

BNA_M

ClientSampleId :

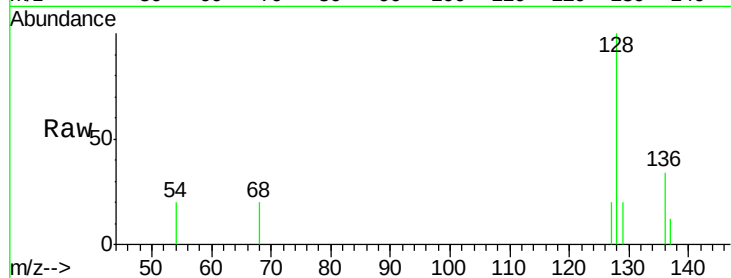
A4TV6MS

Tot Ion:	128	Resp:	1373
Ion	Ratio	Lower	Upper
128	100		
129	19.9	9.0	13.6#
127	20.1	9.6	14.4#

Manual Integrations

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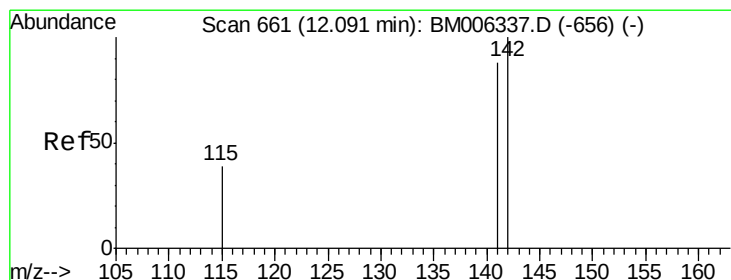
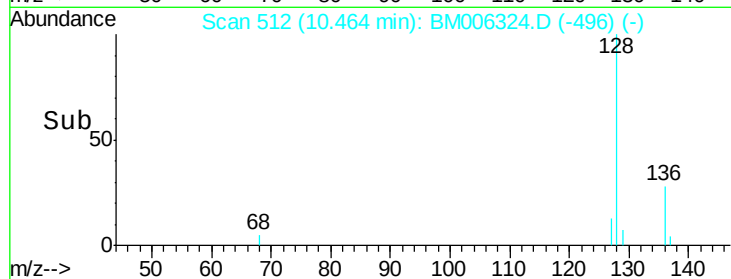
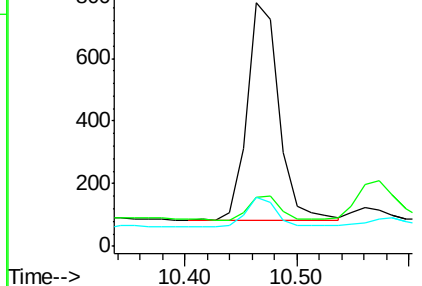
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

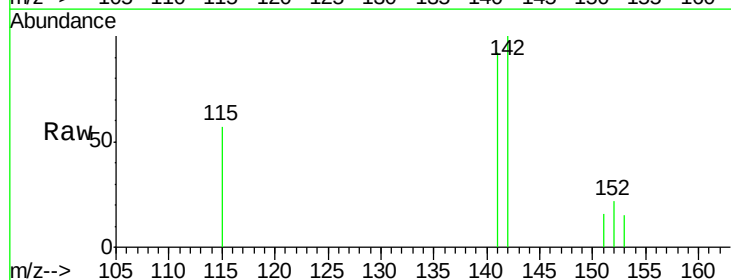
RT: 12.09 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM006324.D

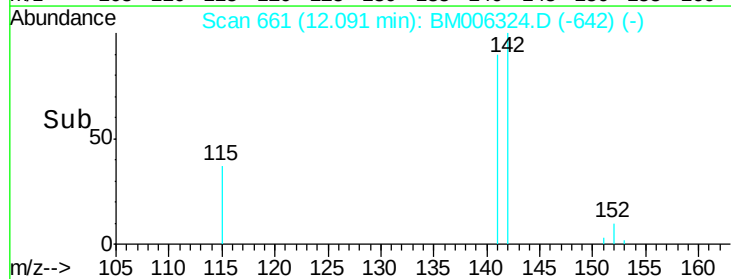
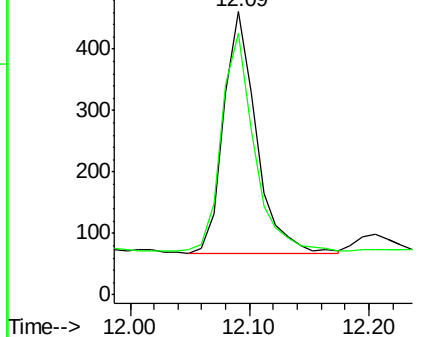
Acq: 07 Jul 2016 18:04

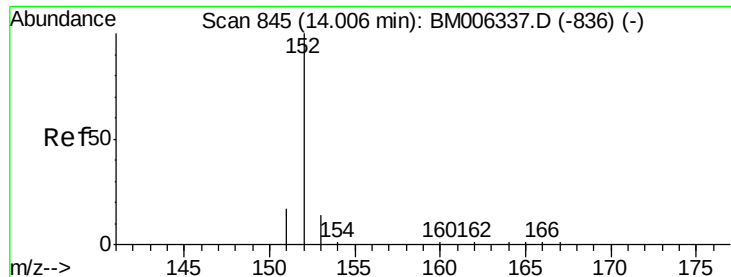
Tgt Ion:	142	Resp:	739
Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006324.D

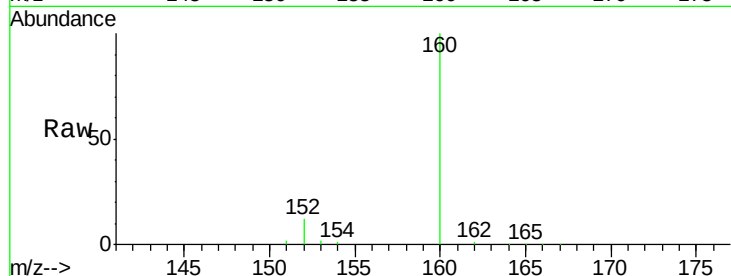
Acq: 07 Jul 2016 18:04

Instrument :

BNA_M

ClientSampleId :

A4TV6MS

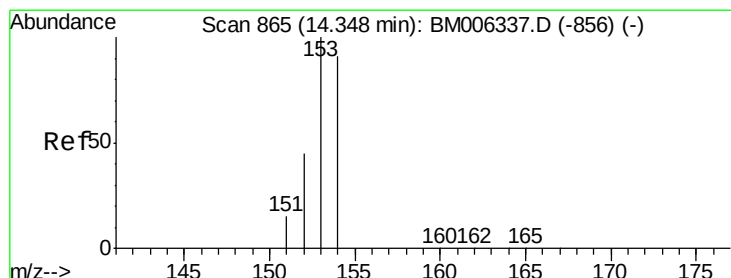
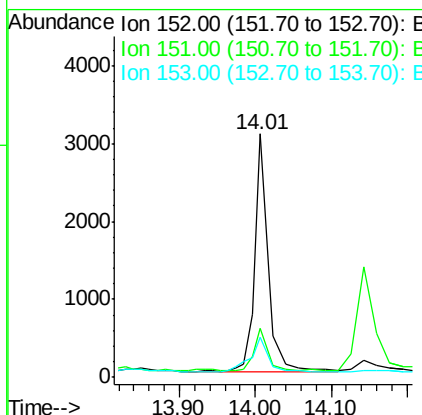
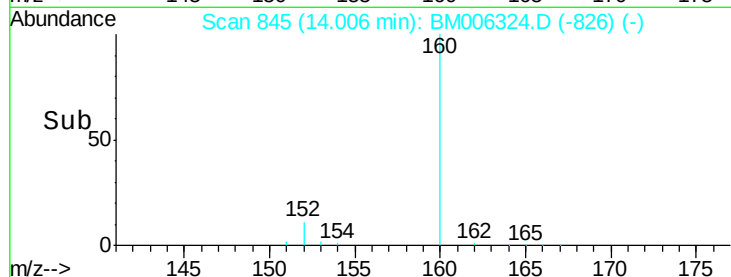


Tot Ion:	152	Resp:	3595
Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.6	26.4
153	16.4	9.7	14.5

Manual Integrations

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#10

Acenaphthene

Concen: 0.27 ng/ul

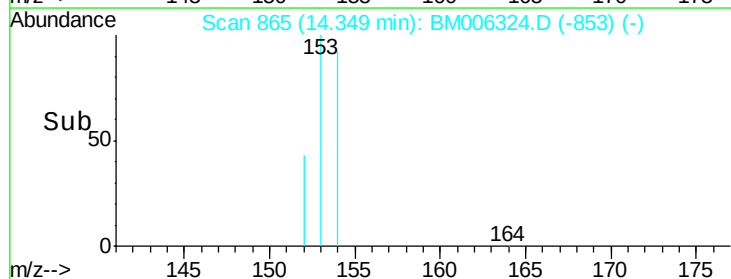
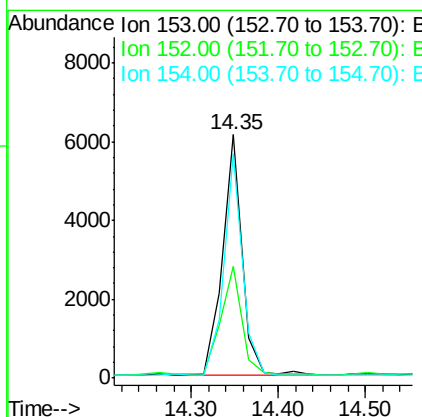
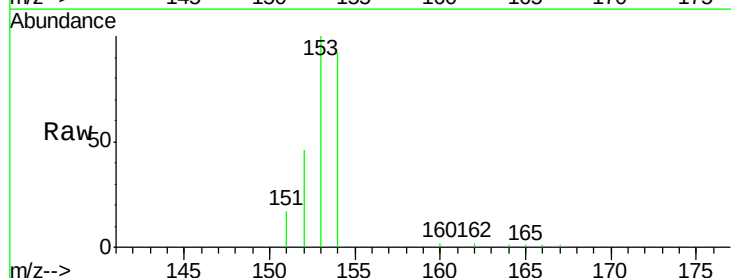
RT: 14.35 min Scan# 865

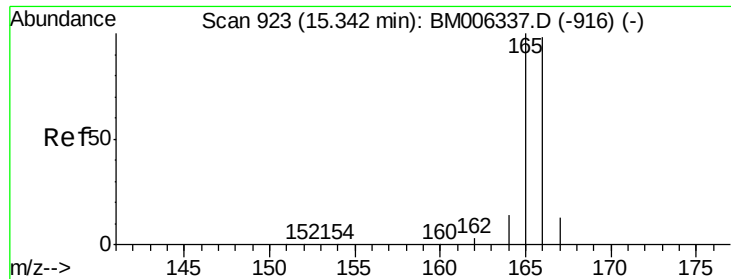
Delta R.T. 0.00 min

Lab File: BM006324.D

Acq: 07 Jul 2016 18:04

Tgt Ion:	153	Resp:	9694
Ion	Ratio	Lower	Upper
153	100		
152	46.1	33.9	50.9
154	92.2	80.6	121.0





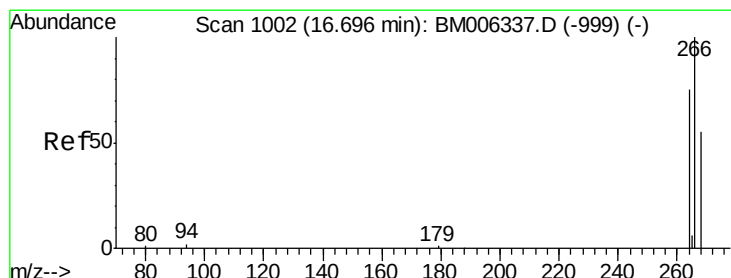
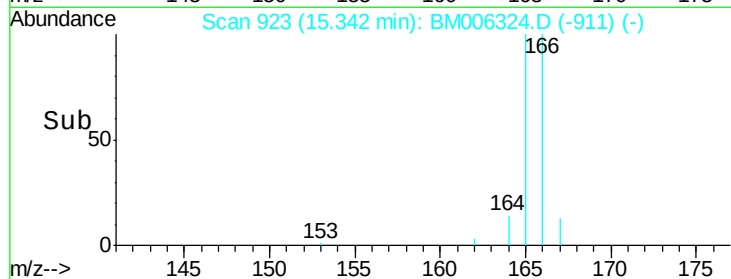
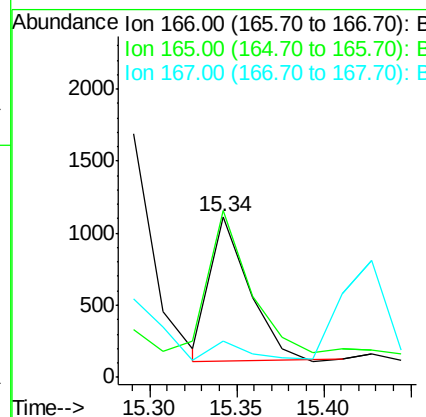
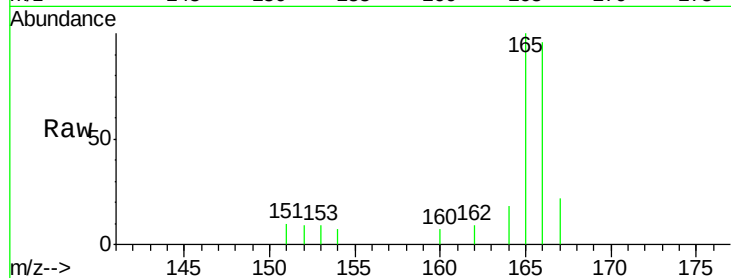
#11
 Fluorene
 Concen: 0.04 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BM006324.D
 Acq: 07 Jul 2016 18:04

Instrument :
 BNA_M
 ClientSampleId :
 A4TV6MS

Tot Ion:166 Resp: 1552
 Ion Ratio Lower Upper
 166 100
 165 103.8 69.6 104.4
 167 22.8 11.9 17.9#

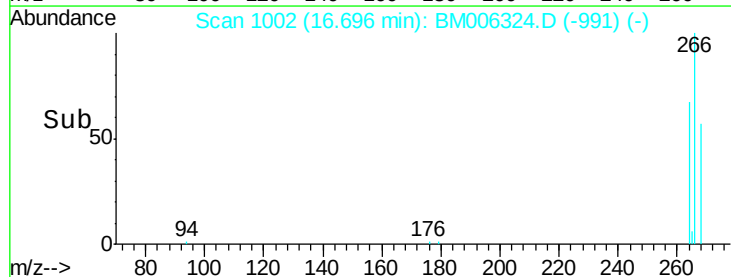
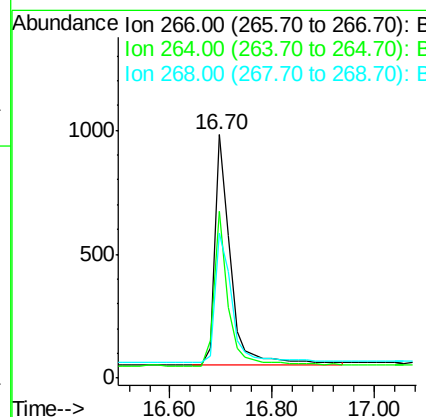
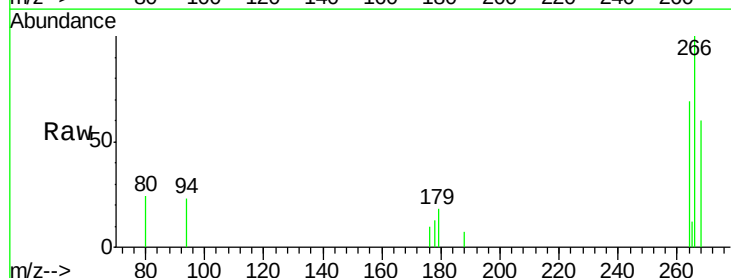
Manual Integrations

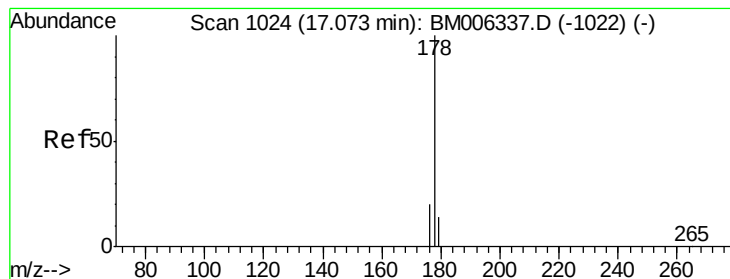
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#13
 Pentachlorophenol
 Concen: 0.53 ng/ul
 RT: 16.70 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BM006324.D
 Acq: 07 Jul 2016 18:04

Tgt Ion:266 Resp: 1962
 Ion Ratio Lower Upper
 266 100
 264 62.6 51.8 77.8
 268 62.1 46.8 70.2





#14

Phenanthrene

Concen: 0.64 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BM006324.D

Acq: 07 Jul 2016 18:04

Instrument :

BNA_M

ClientSampleId :

A4TV6MS

Tot Ion:178 Resp: 42921

Ion Ratio Lower Upper

178 100

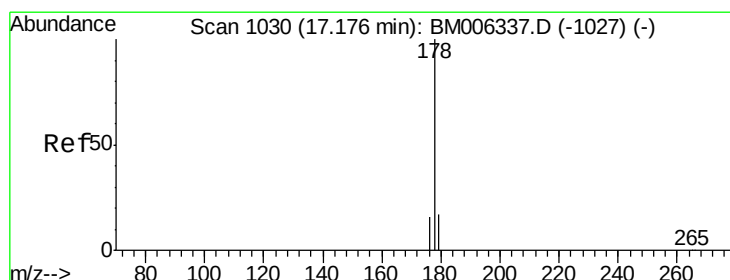
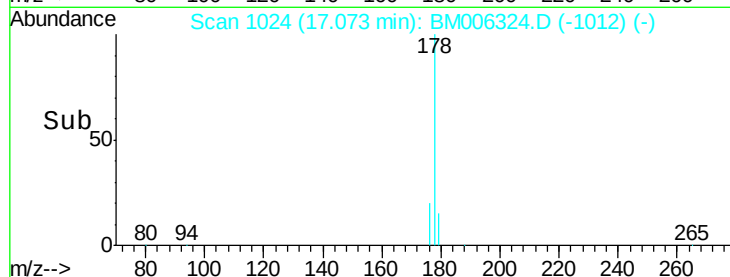
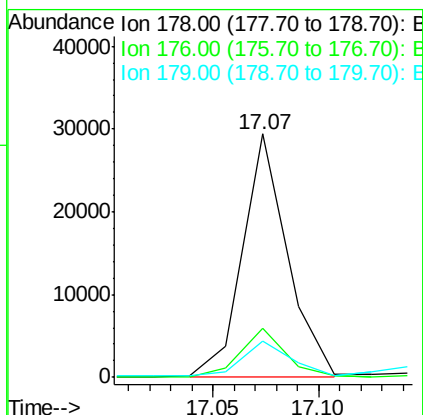
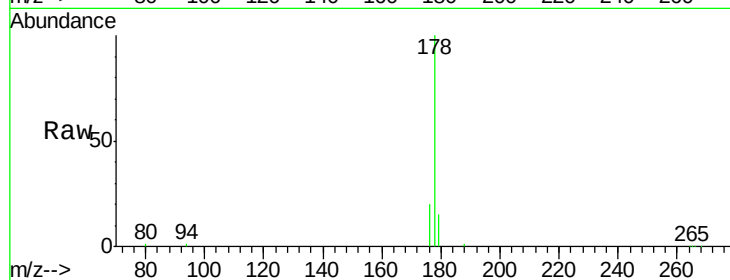
176 20.0 13.0 19.4#

179 15.1 14.2 21.2

Manual Integrations

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#15

Anthracene

Concen: 0.13 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006324.D

Acq: 07 Jul 2016 18:04

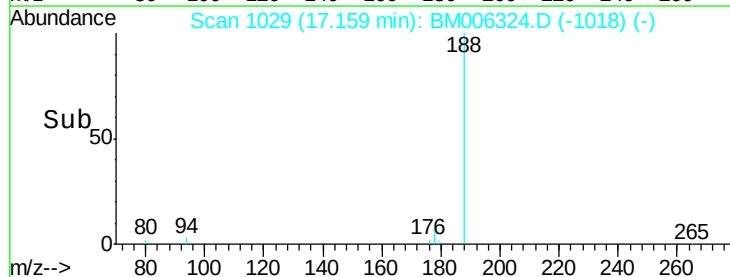
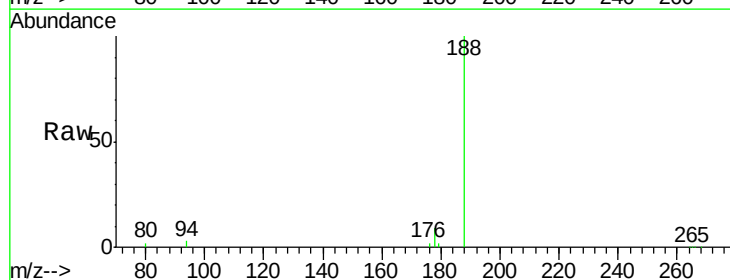
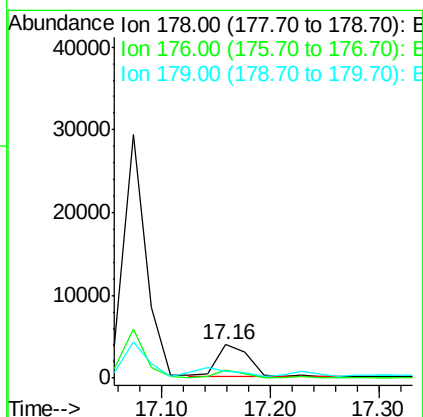
Tgt Ion:178 Resp: 7950

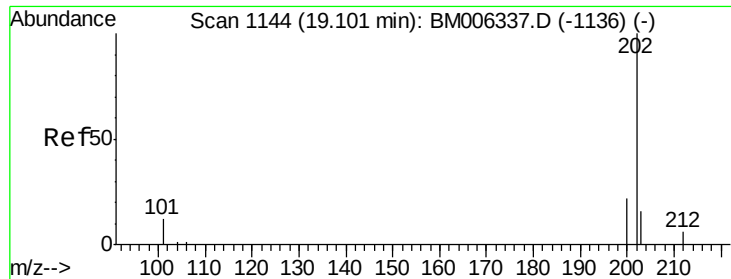
Ion Ratio Lower Upper

178 100

176 23.2 14.0 21.0#

179 20.5 12.9 19.3#





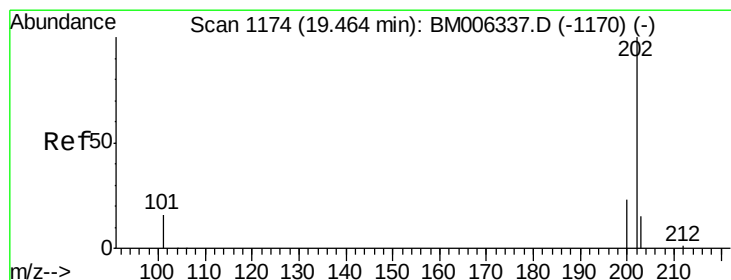
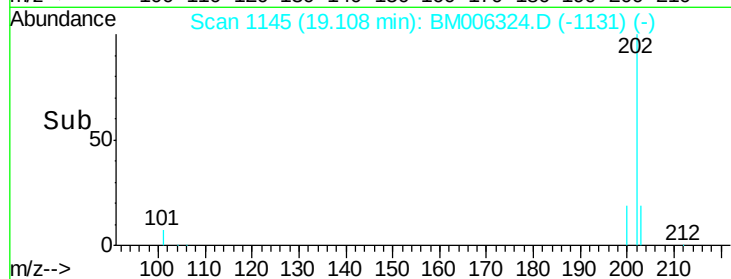
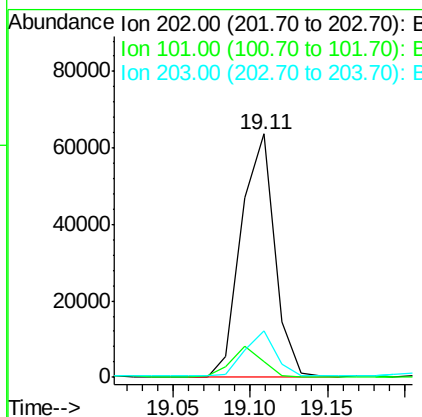
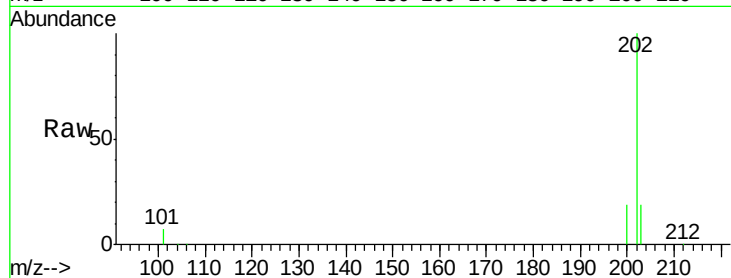
#17
Fluoranthene
Concen: 1.29 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM006324.D
Acq: 07 Jul 2016 18:04

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	94921		
101	6.6	0.0	29.6	
203	19.0	0.0	36.3	

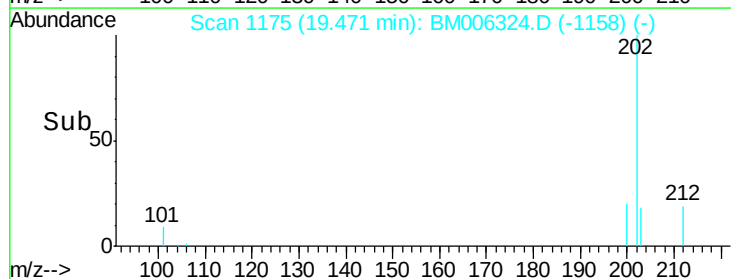
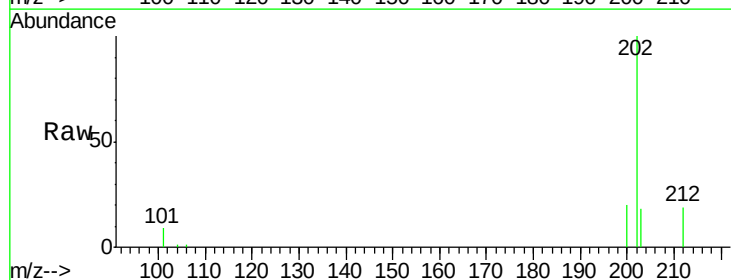
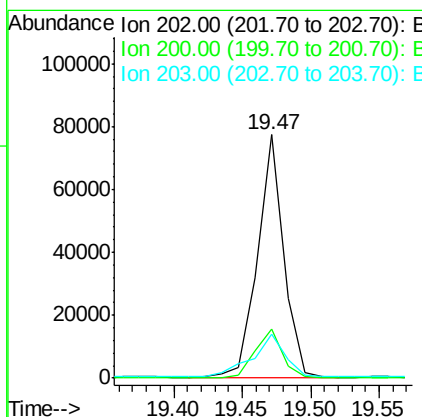
Manual Integrations

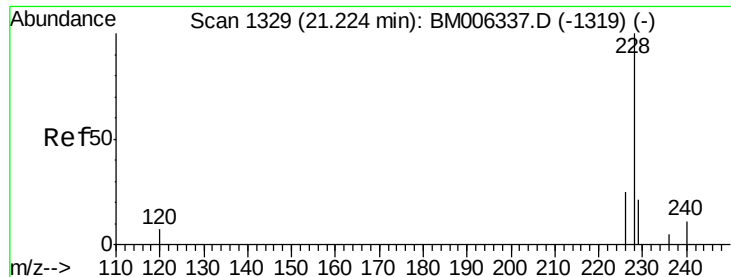
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#19
Pyrene
Concen: 1.28 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006324.D
Acq: 07 Jul 2016 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	102252		
200	20.1	17.8	26.8	
203	18.1	12.8	19.2	





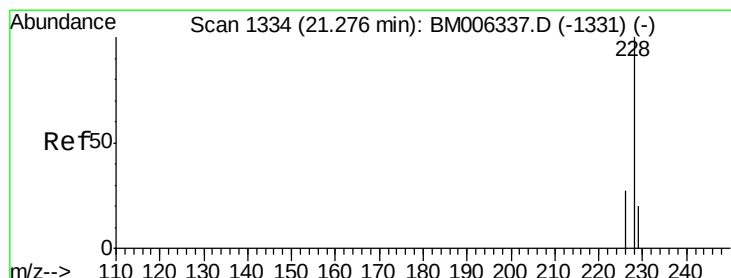
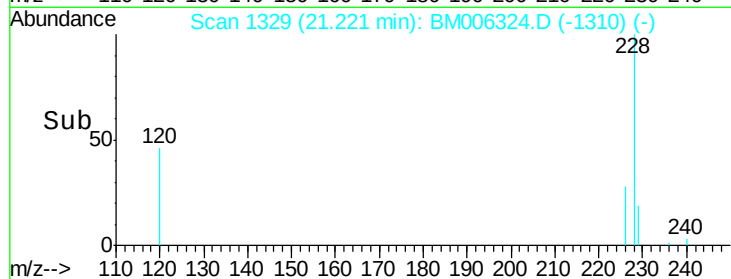
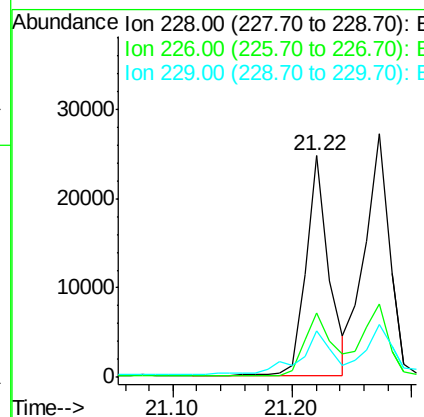
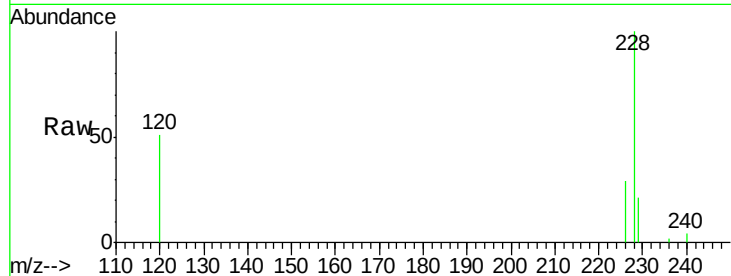
#20
Benzo(a)anthracene
Concen: 0.54 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006324.D
Acq: 07 Jul 2016 18:04

Instrument :
BNA_M
ClientSampleId :
A4TV6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	18.8	28.2
229	21.0	17.1	25.7

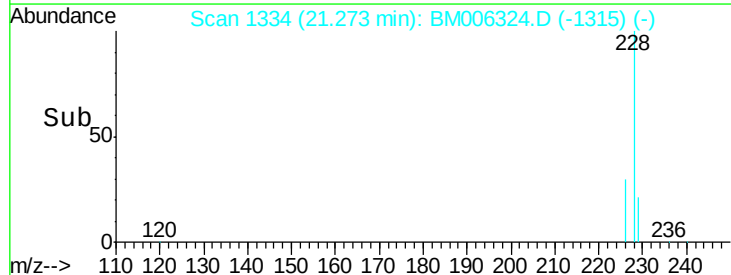
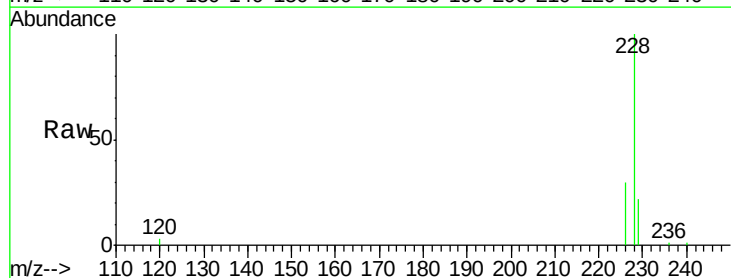
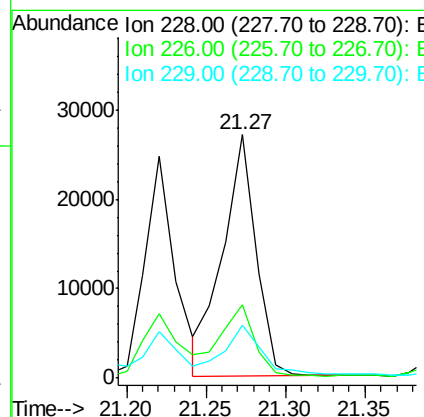
Manual Integrations

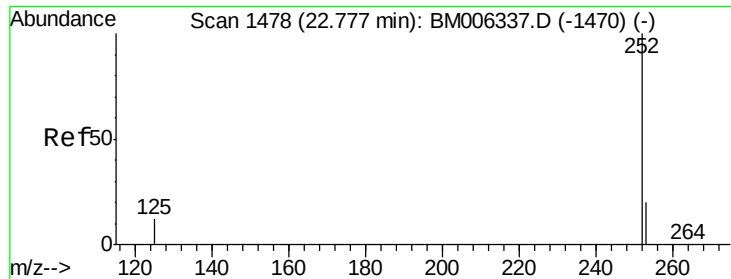
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#21
Chrysene
Concen: 0.65 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006324.D
Acq: 07 Jul 2016 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.2	31.8
229	21.7	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.92 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006324.D

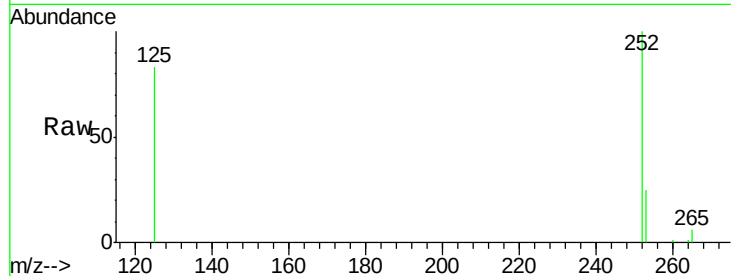
Acq: 07 Jul 2016 18:04

Instrument :

BNA_M

ClientSampled :

A4TV6MS

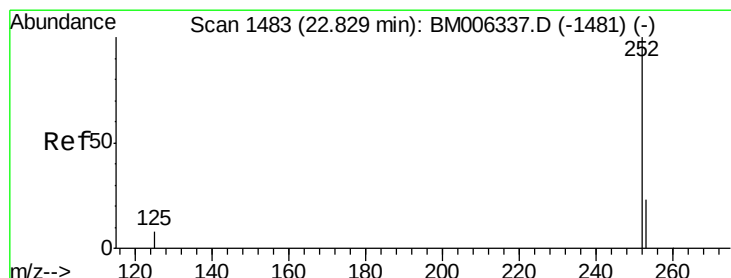
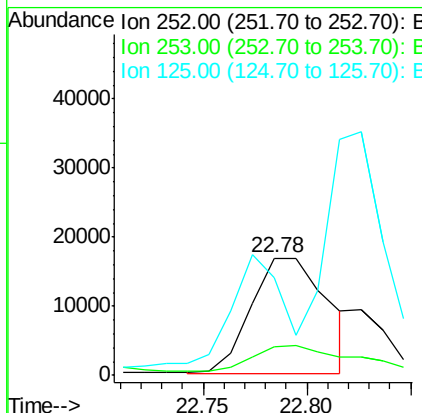
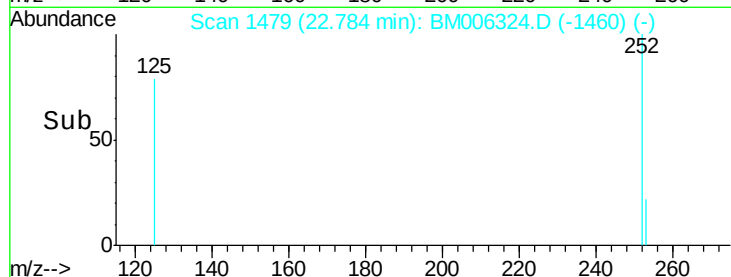


Tot Ion	252	Resp	42190
Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	45.4
125	83.1	0.0	28.8#

Manual Integrations

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#24

Benzo(k)fluoranthene

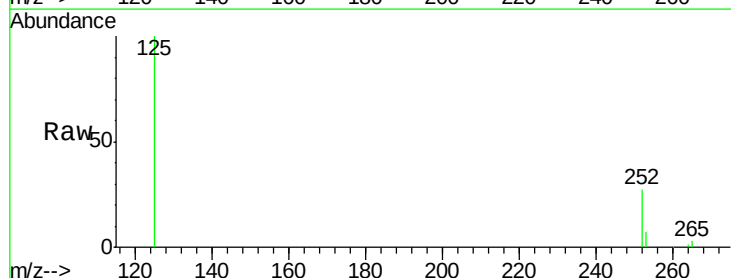
Concen: 0.25 ng/ul m

RT: 22.83 min Scan# 1483

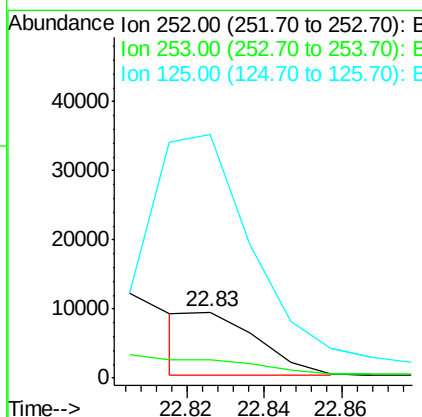
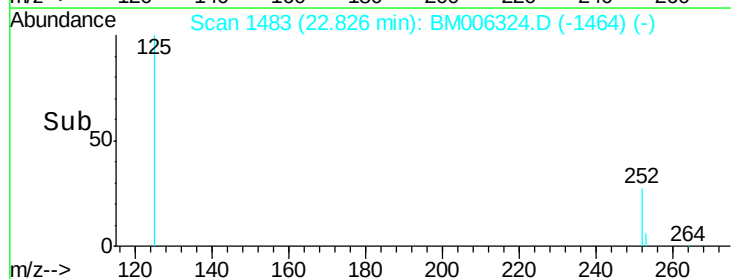
Delta R.T. 0.00 min

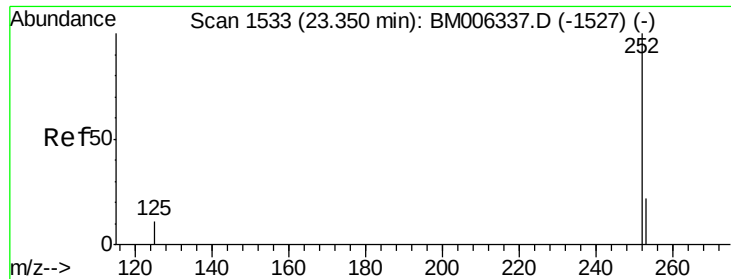
Lab File: BM006324.D

Acq: 07 Jul 2016 18:04



Tgt Ion	252	Resp	10881
Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.8	29.8
125	368.5	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.64 ng/ul m

RT: 23.35 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BM006324.D

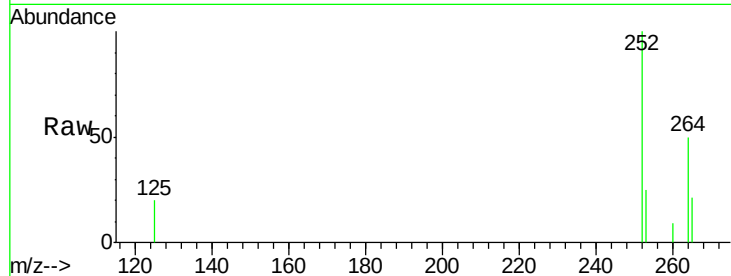
Acq: 07 Jul 2016 18:04

Instrument :

BNA_M

ClientSampleId :

A4TV6MS

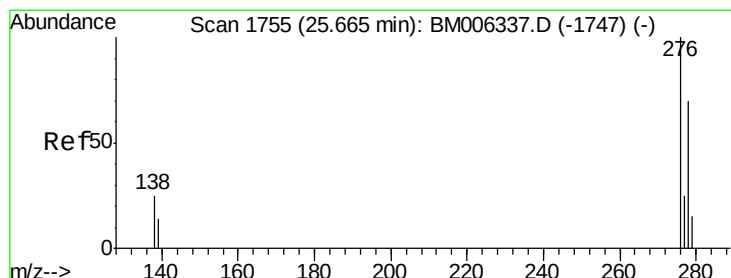
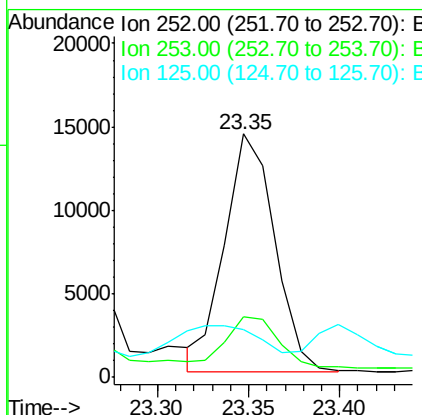
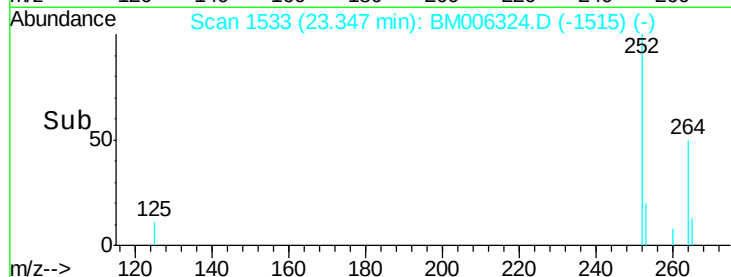


Tot Ion	252	Resp	27237
Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	19.6	12.7	19.1#

Manual Integrations

umangi

7/8/2016 7:13:02 PM



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.41 ng/ul m

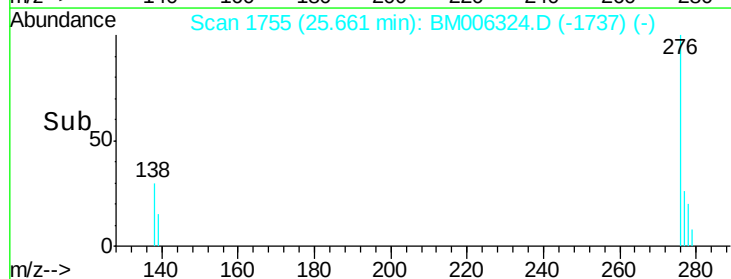
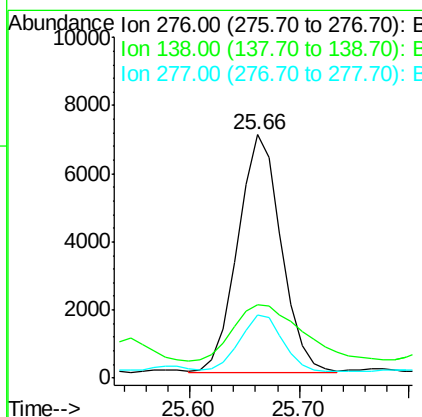
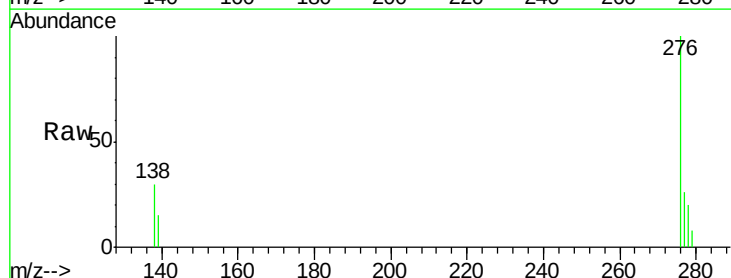
RT: 25.66 min Scan# 1755

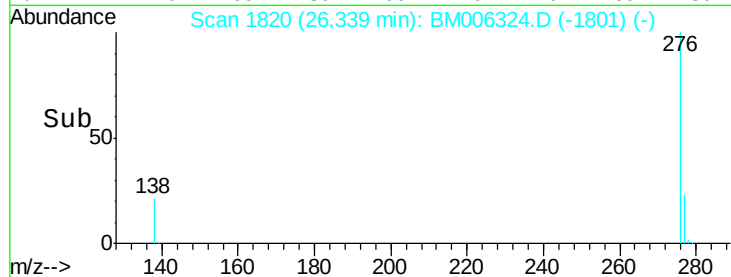
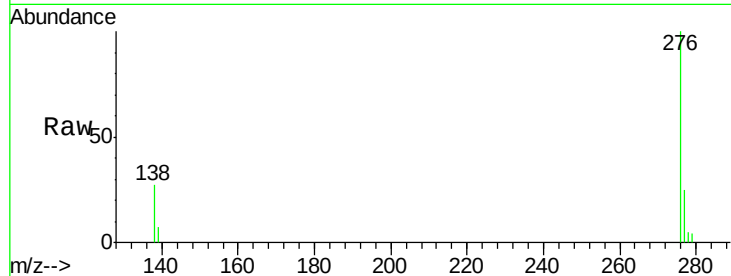
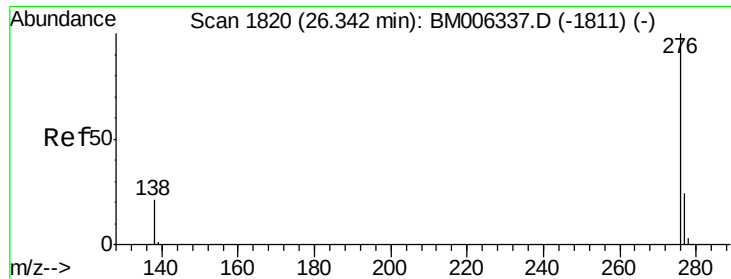
Delta R.T. -0.01 min

Lab File: BM006324.D

Acq: 07 Jul 2016 18:04

Tgt Ion	276	Resp	19467
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	4.0	19.8	29.8#





#28

Benzo(a,h,i)perylene

Concen: 0.45 ng/ul m

RT: 26.34 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM006324.D

Acq: 07 Jul 2016 18:04

Tot Ion:	276	Resp:	17990
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.9	28.3
138	26.8	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

A4TV6MS

Manual Integrations

umangi

7/8/2016 7:13:02 PM

