

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000482.D
 Acq On : 11 Feb 2015 15:43
 Operator : TP/IZ
 Sample : G1227-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1H39

Manual Integrations
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apatel
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Quant Time: Feb 12 08:05:26 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 14:38:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3017	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	10247	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	5876	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11721	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	8765	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	7577	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	3665	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	7890	0.30	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.55	128	6022	0.24	ng/ul	99
5) 2-Methylnaphthalene	12.17	142	8289	0.47	ng/ul	99
7) Acenaphthylene	14.09	152	4134	0.18	ng/ul	98
8) Acenaphthene	14.41	153	5804	0.32	ng/ul	98
9) Fluorene	15.42	166	9980	0.45	ng/ul	100
11) Pentachlorophenol	16.76	266	591	0.55	ng/ul	97
12) Phenanthrene	17.15	178	12496	0.38	ng/ul	98
13) Anthracene	17.24	178	14126	0.48	ng/ul	99
15) Fluoranthene	19.18	202	12844	0.34	ng/ul	99
17) Pyrene	19.54	202	12655	0.39	ng/ul	99
18) Benzo(a)anthracene	21.28	228	12365	0.48	ng/ul	97
19) Chrysene	21.33	228	12565	0.42	ng/ul	95
21) Benzo(b)fluoranthene	22.87	252	14939	0.57	ng/ul	96
22) Benzo(k)fluoranthene	22.91	252	7282m	0.26	ng/ul	
23) Benzo(a)pyrene	23.44	252	8989	0.37	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.81	278	15316	0.75	ng/ul#	95
26) Benzo(g,h,i)perylene	26.48	276	6633	0.30	ng/ul	98

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

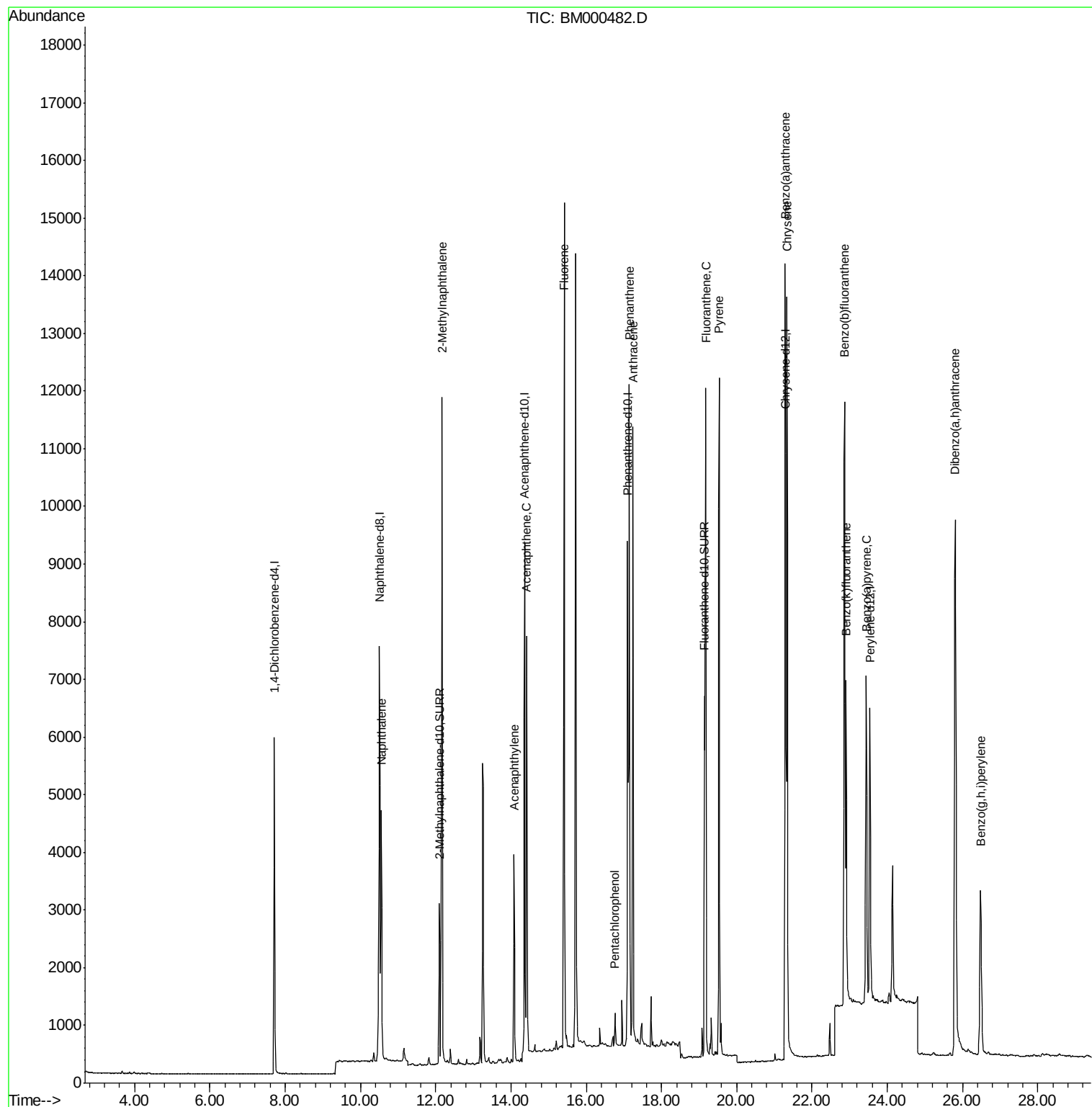
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000482.D
Acq On : 11 Feb 2015 15:43
Operator : TP/IZ
Sample : G1227-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

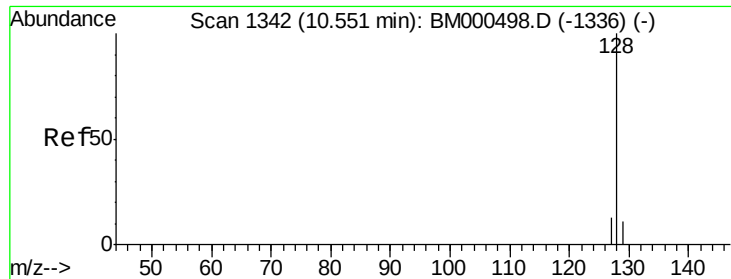
Instrument :
BNA_M
ClientSampleId :
X1H39

Manual Integrations
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Quant Time: Feb 12 08:05:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 14:38:48 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BM000482.D

Acq: 11 Feb 2015 15:43

Instrument :

BNA_M

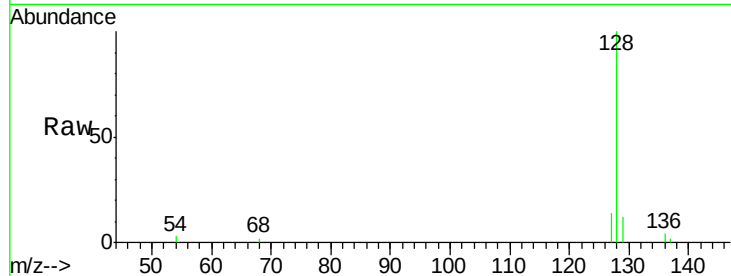
ClientSampleId :

X1H39

Tgt Ion:	128	Resp:	6022
Ion Ratio	Lower	Upper	
128	100		
129	12.3	9.2	13.8
127	13.8	11.2	16.8

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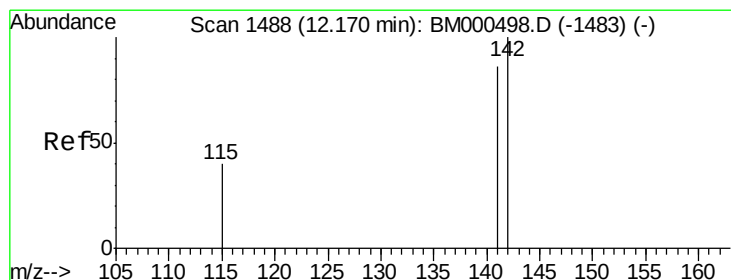
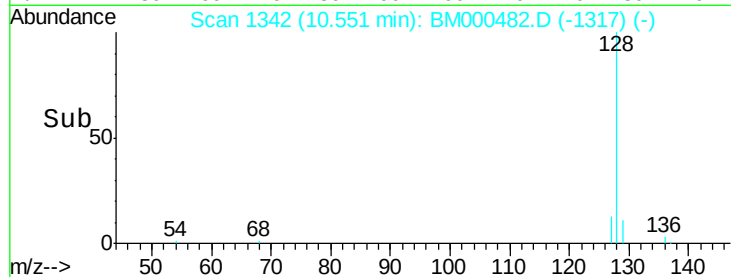
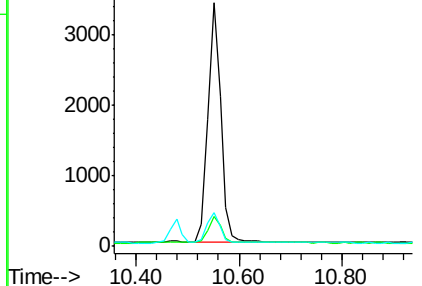
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.47 ng/ul

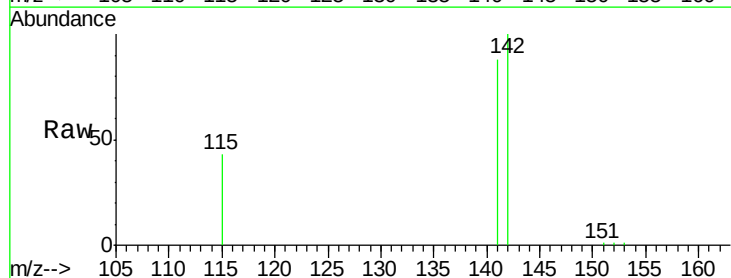
RT: 12.17 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BM000482.D

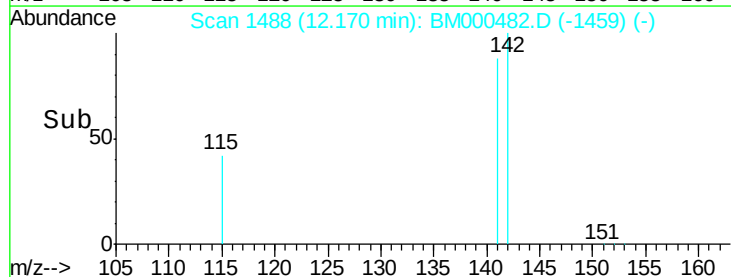
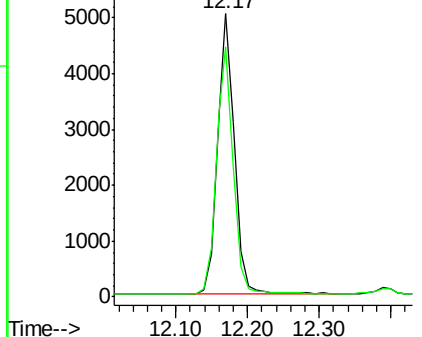
Acq: 11 Feb 2015 15:43

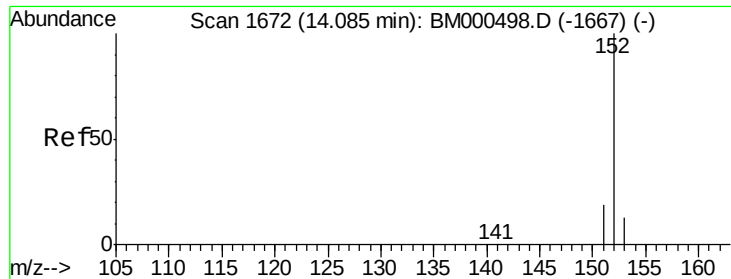
Tgt Ion:	142	Resp:	8289
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.18 ng/ul

RT: 14.09 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BM000482.D

Acq: 11 Feb 2015 15:43

Instrument :

BNA_M

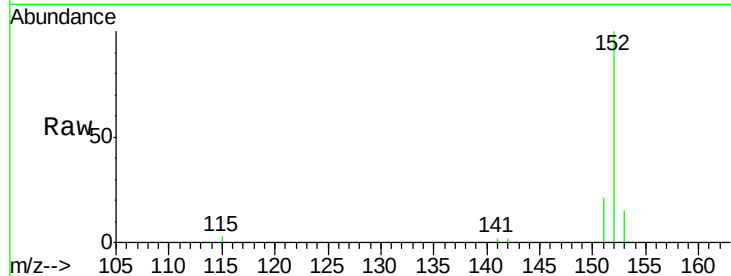
ClientSampleId :

X1H39

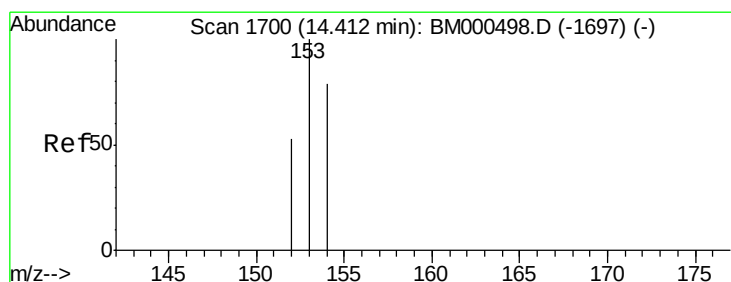
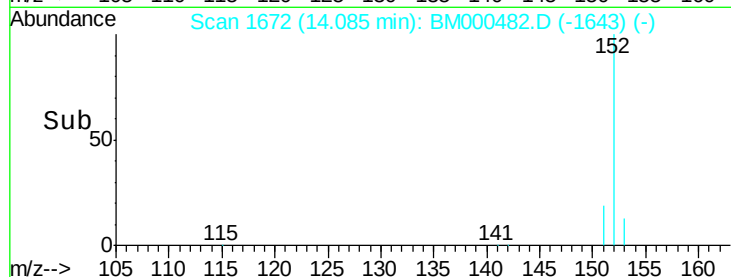
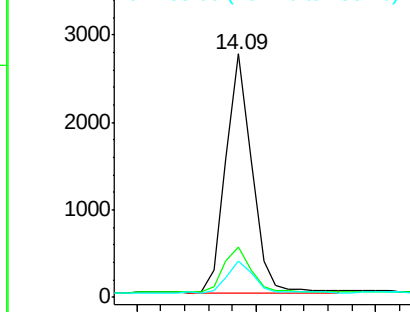
Tgt Ion:	152	Resp:	4134
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.1	24.1
153	14.6	10.6	15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.32 ng/ul

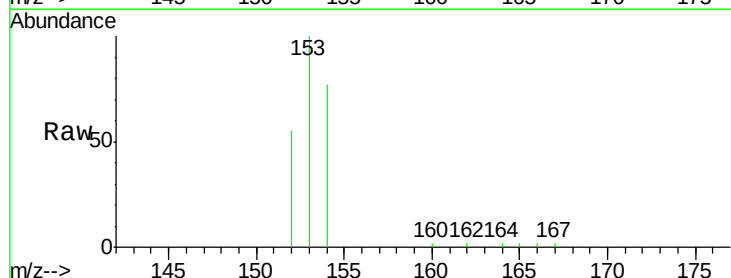
RT: 14.41 min Scan# 1700

Delta R.T. 0.00 min

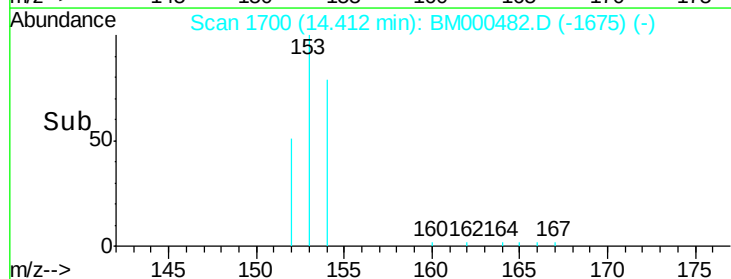
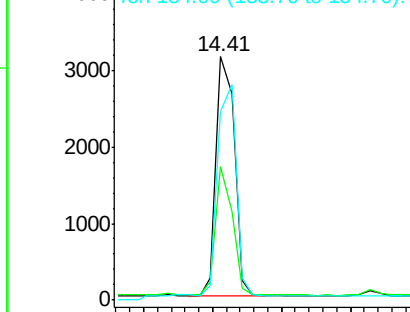
Lab File: BM000482.D

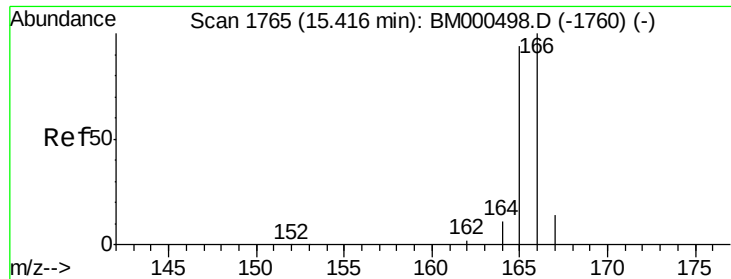
Acq: 11 Feb 2015 15:43

Tgt Ion:	153	Resp:	5804
Ion Ratio	Lower	Upper	
153	100		
152	54.7	45.6	68.4
154	77.4	62.5	93.7



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





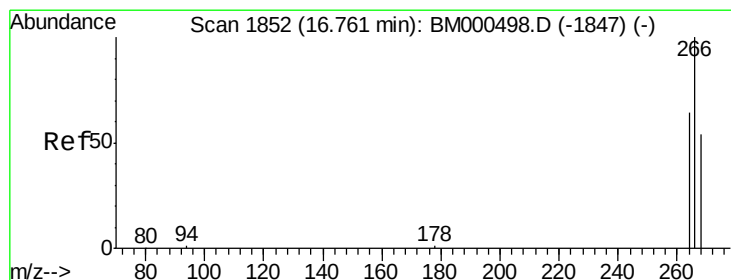
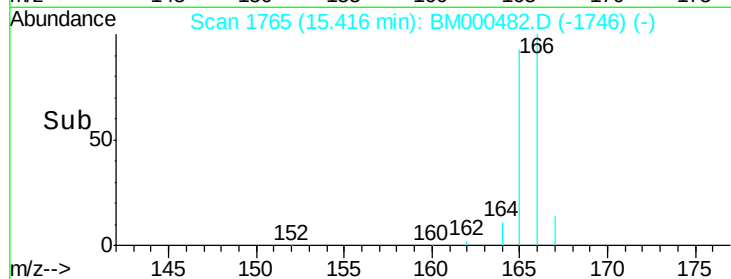
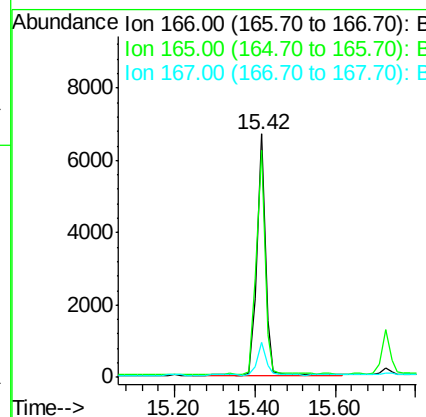
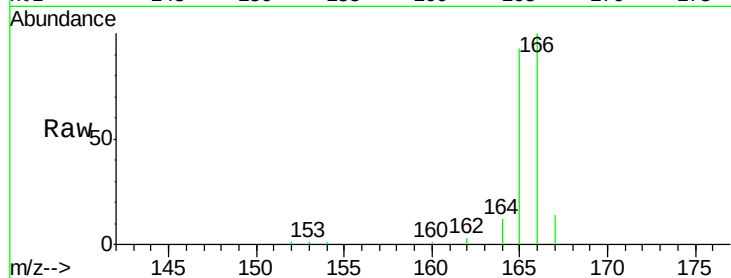
#9
Fluorene
 Concen: 0.45 ng/ul
 RT: 15.42 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BM000482.D
 Acq: 11 Feb 2015 15:43

Instrument :
 BNA_M
 ClientSampleId :
 X1H39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.4	111.6
167	14.5	11.3	16.9

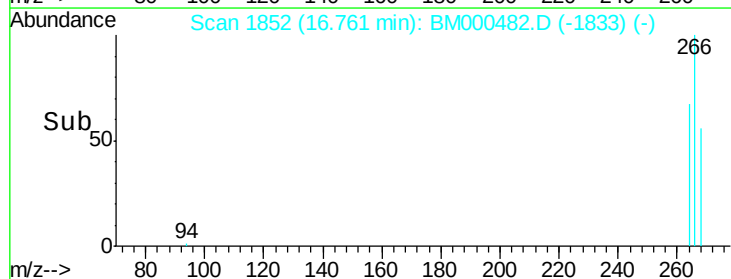
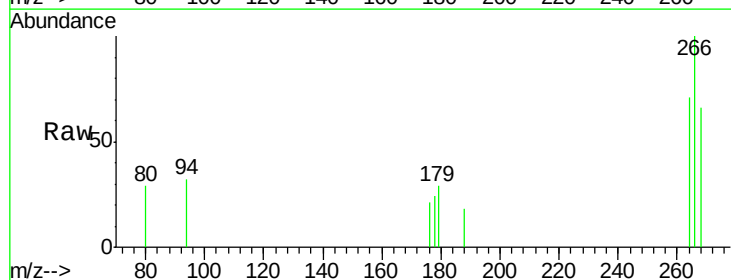
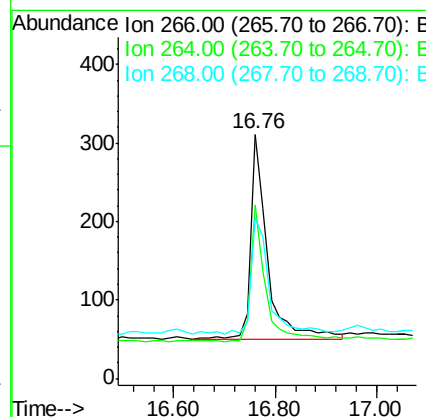
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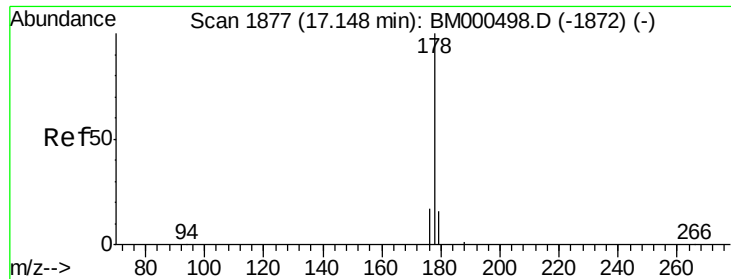
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#11
Pentachlorophenol
 Concen: 0.55 ng/ul
 RT: 16.76 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BM000482.D
 Acq: 11 Feb 2015 15:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.8	74.6
268	60.2	51.2	76.8





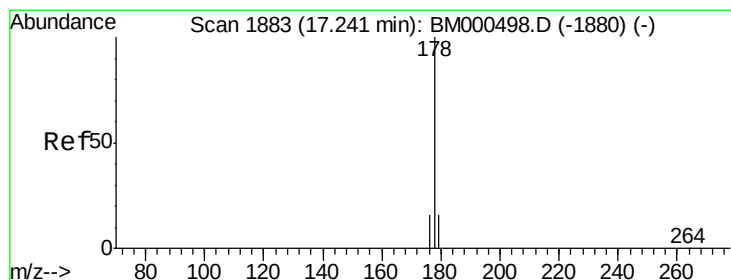
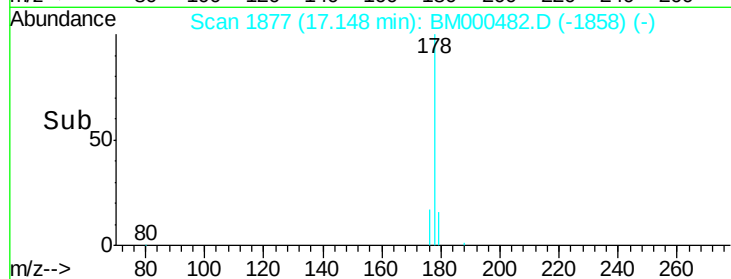
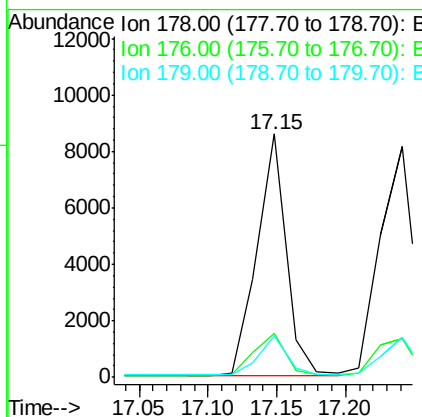
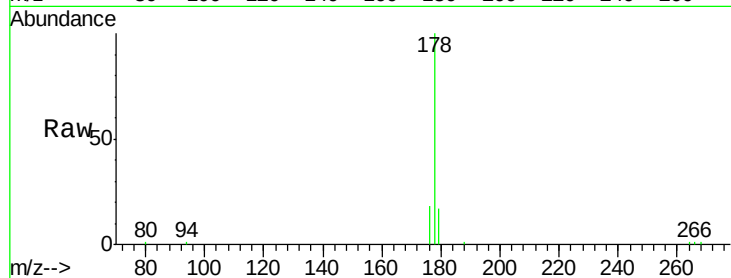
#12
 Phenanthrene
 Concen: 0.38 ng/ul
 RT: 17.15 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BM000482.D
 Acq: 11 Feb 2015 15:43

Instrument :
 BNA_M
 ClientSampleId :
 X1H39

Tgt Ion:	178	Resp:	12496
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.0	22.4
179	16.9	13.0	19.4

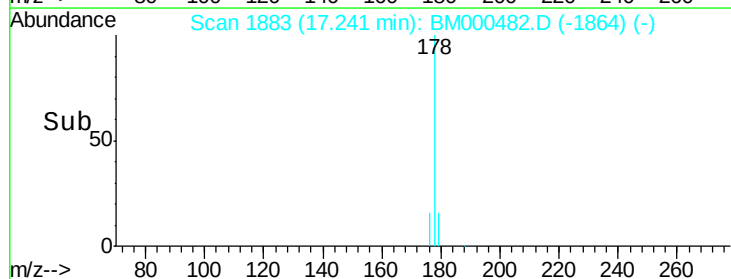
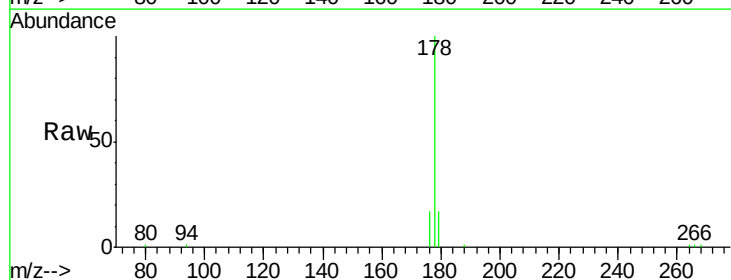
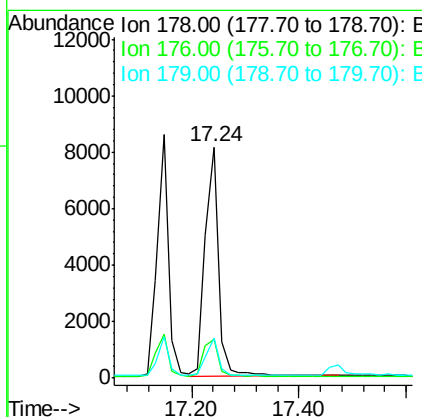
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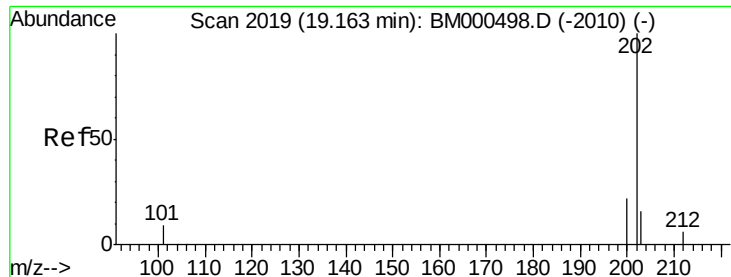
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#13
 Anthracene
 Concen: 0.48 ng/ul
 RT: 17.24 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: BM000482.D
 Acq: 11 Feb 2015 15:43

Tgt Ion:	178	Resp:	14126
Ion Ratio	Lower	Upper	
178	100		
176	16.8	13.9	20.9
179	17.1	13.2	19.8





#15

Fluoranthene

Concen: 0.34 ng/ul

RT: 19.18 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM000482.D

Acq: 11 Feb 2015 15:43

Instrument :

BNA_M

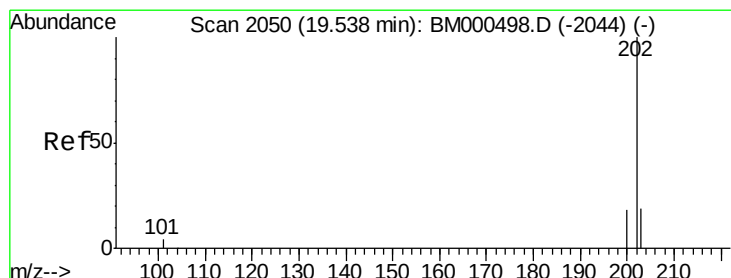
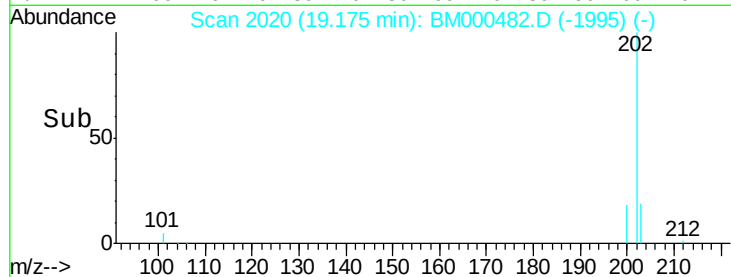
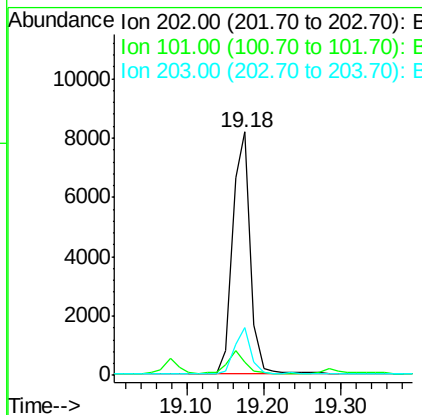
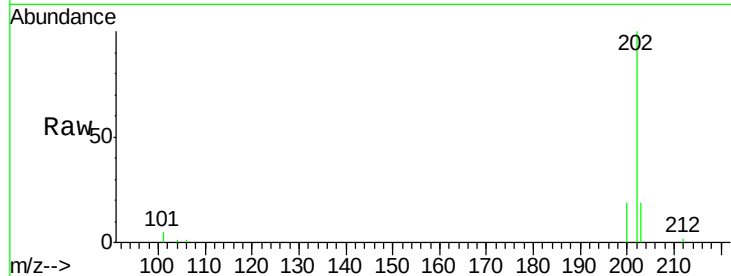
ClientSampleId :

X1H39

Tgt Ion:	202	Resp:	12844
Ion Ratio	Lower	Upper	
202	100		
101	5.3	0.0	24.6
203	19.4	0.0	39.2

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#17

Pyrene

Concen: 0.39 ng/ul

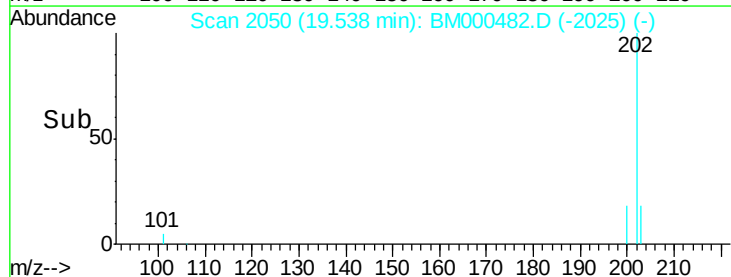
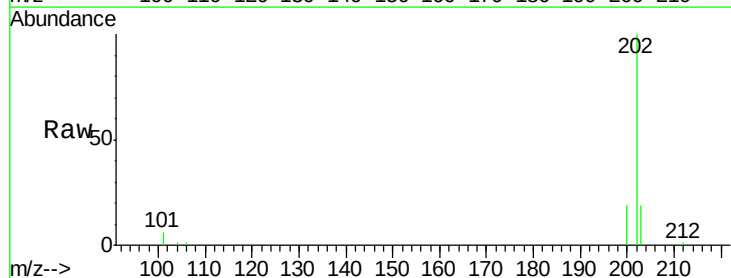
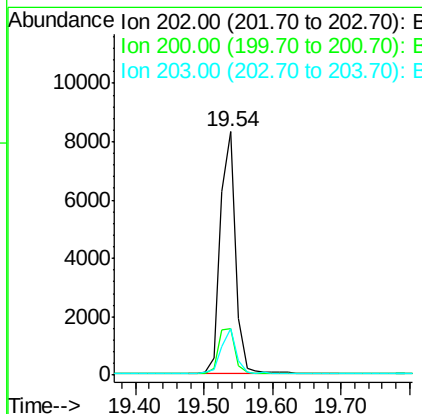
RT: 19.54 min Scan# 2050

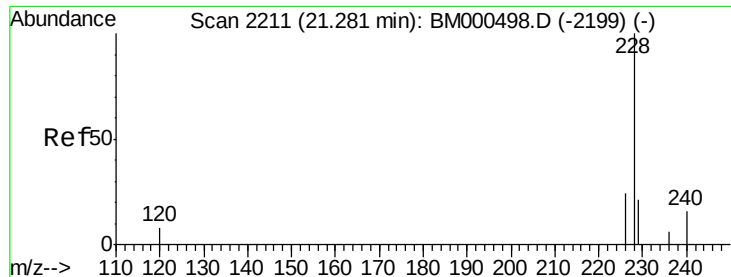
Delta R.T. 0.00 min

Lab File: BM000482.D

Acq: 11 Feb 2015 15:43

Tgt Ion:	202	Resp:	12655
Ion Ratio	Lower	Upper	
202	100		
200	19.0	14.9	22.3
203	19.1	15.4	23.0





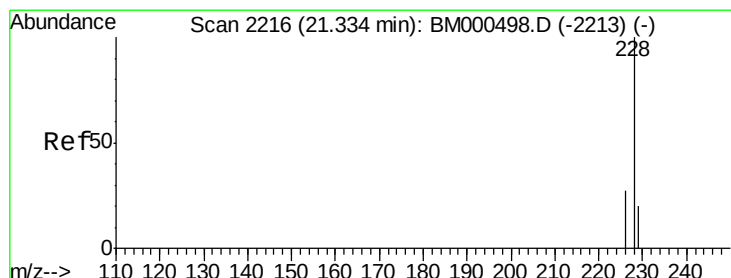
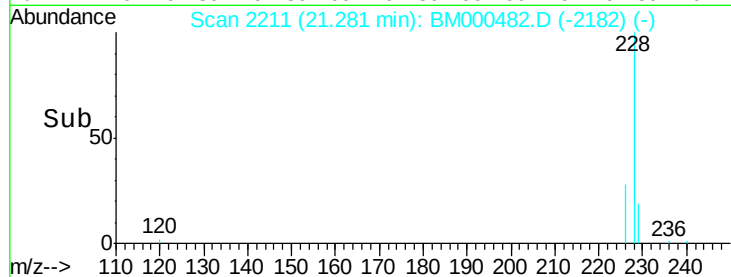
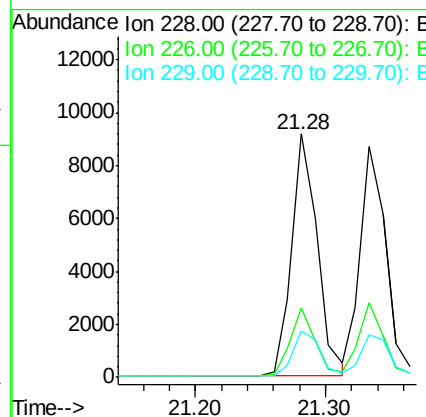
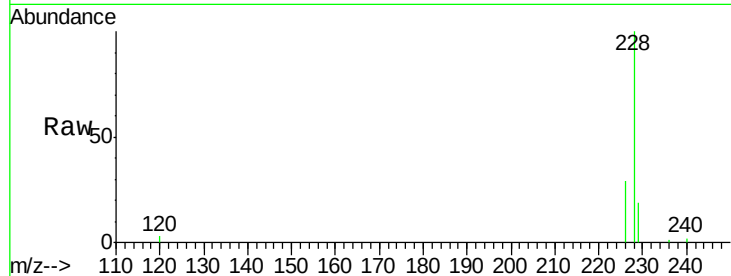
#18
Benzo(a)anthracene
Concen: 0.48 ng/ul
RT: 21.28 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BM000482.D
Acq: 11 Feb 2015 15:43

Instrument :
BNA_M
ClientSampleId :
X1H39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.0
229	19.0	15.6	23.4

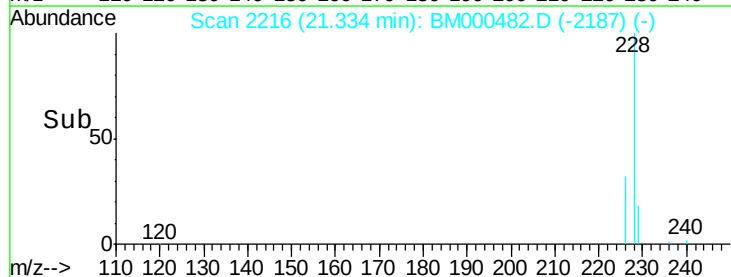
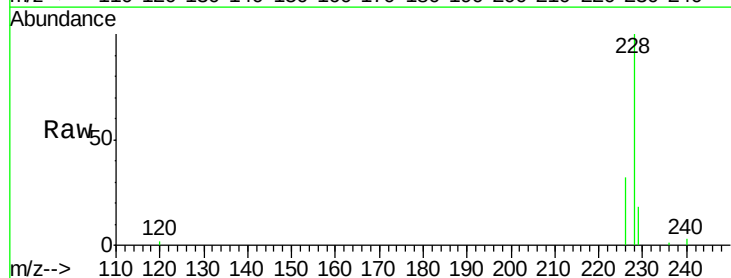
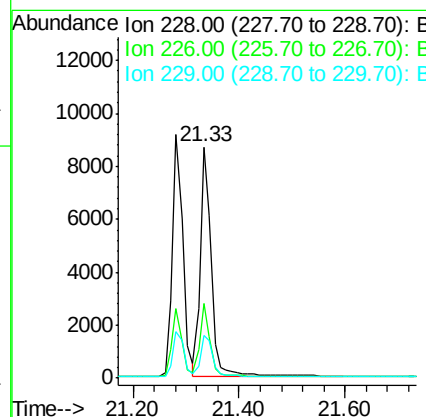
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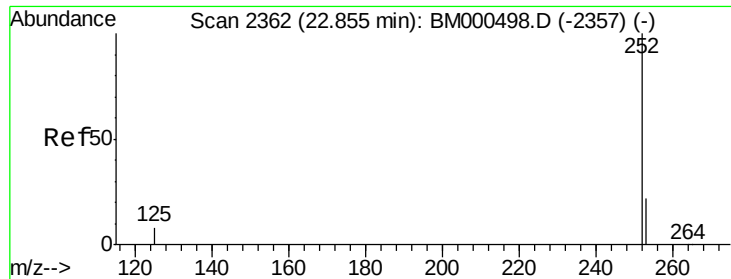
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#19
Chrysene
Concen: 0.42 ng/ul
RT: 21.33 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BM000482.D
Acq: 11 Feb 2015 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.6
229	18.3	15.9	23.9





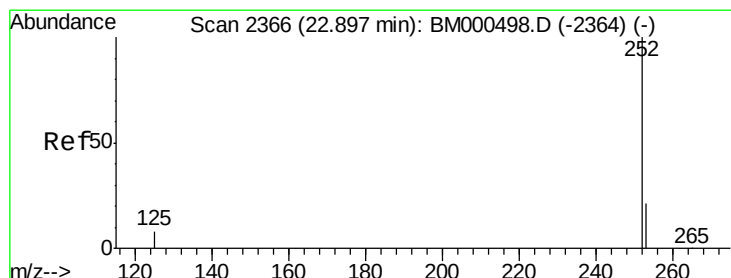
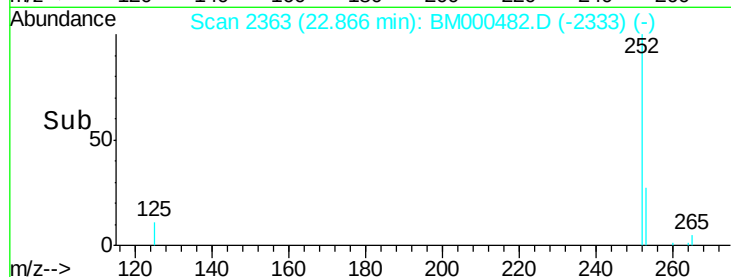
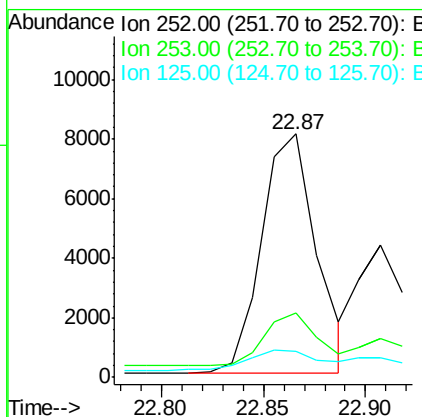
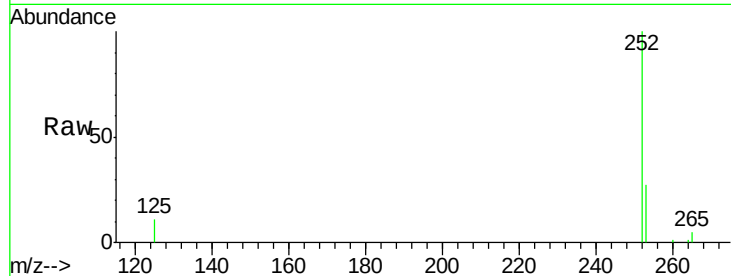
#21
Benzo(b)fluoranthene
Concen: 0.57 ng/ul
RT: 22.87 min Scan# 2363
Delta R.T. 0.01 min
Lab File: BM000482.D
Acq: 11 Feb 2015 15:43

Instrument :
BNA_M
ClientSampled :
X1H39

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.6	0.0	49.0
125	10.8	0.0	18.4

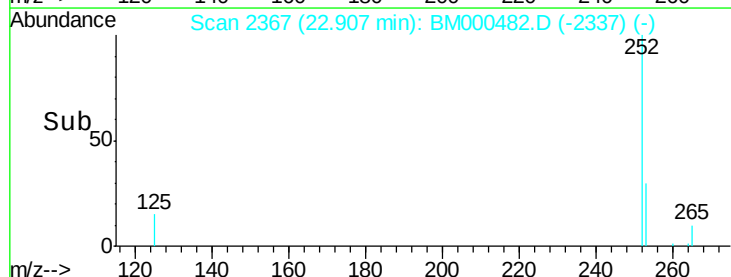
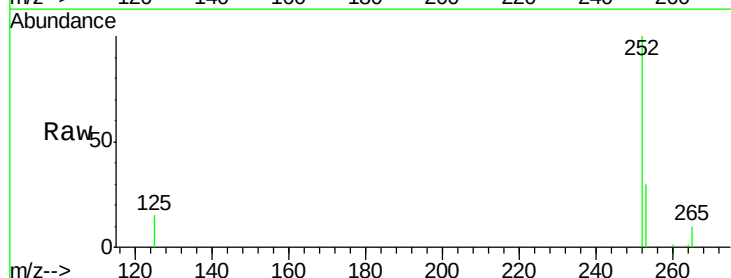
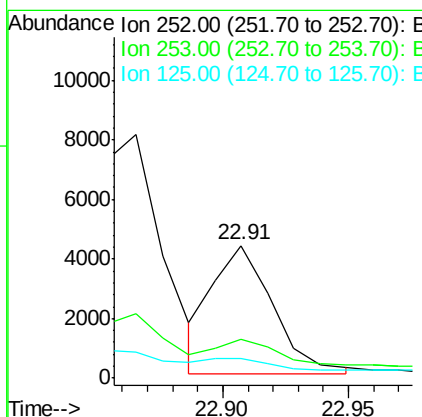
Manual Integrations
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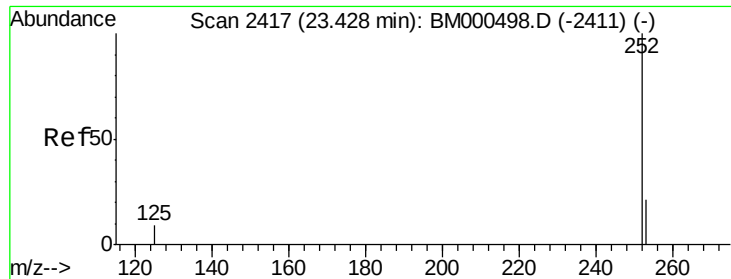
apatel
2/12/2015 4:10:00 PM



#22
Benzo(k)fluoranthene
Concen: 0.26 ng/ul m
RT: 22.91 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BM000482.D
Acq: 11 Feb 2015 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	19.8	29.6
125	14.8	7.6	11.4





#23

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 23.44 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BM000482.D

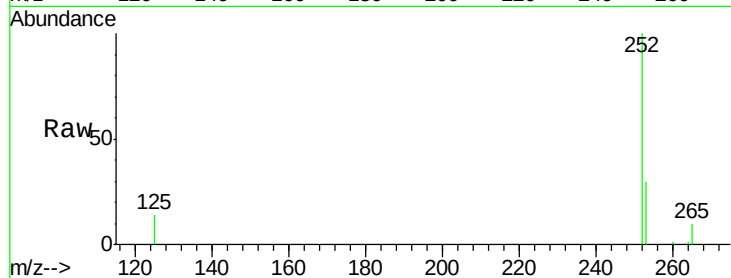
Acq: 11 Feb 2015 15:43

Instrument :

BNA_M

ClientSampleId :

X1H39



Tgt Ion: 252 Resp: 8989

Ion Ratio Lower Upper

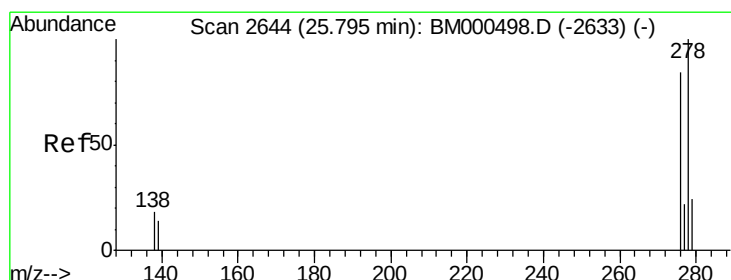
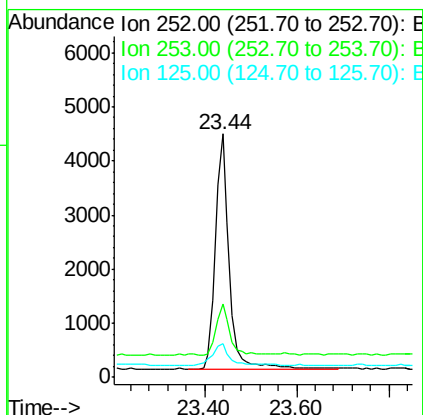
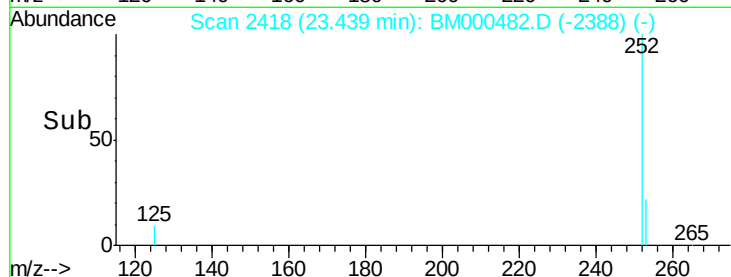
252 100

253 30.1 21.2 31.8

125 13.7 8.4 12.6#

Manual Integrations
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2/12/2015 4:10:00 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.75 ng/ul

RT: 25.81 min Scan# 2645

Delta R.T. 0.01 min

Lab File: BM000482.D

Acq: 11 Feb 2015 15:43

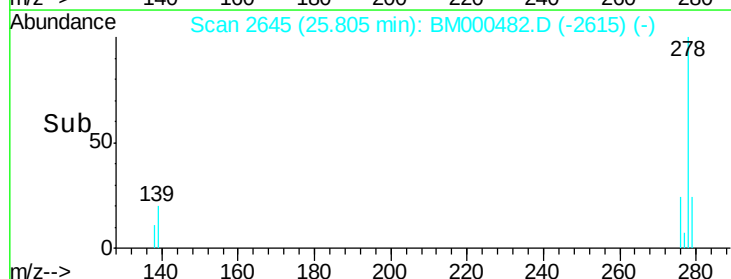
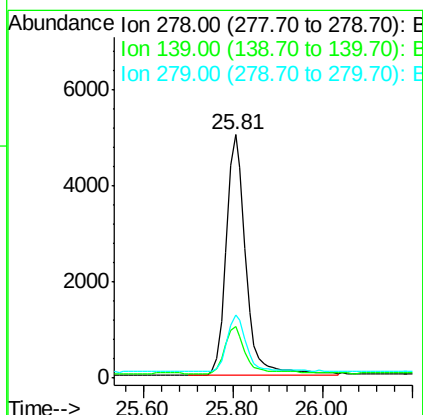
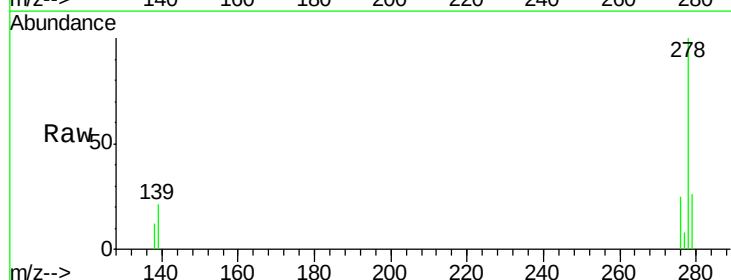
Tgt Ion: 278 Resp: 15316

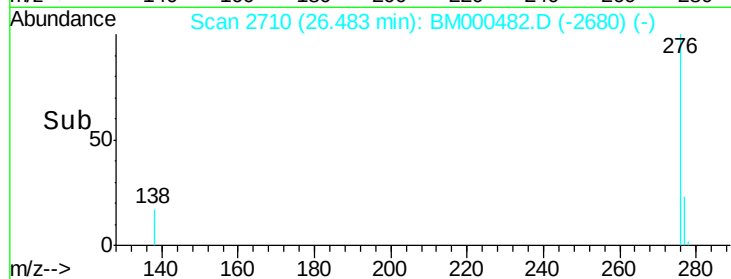
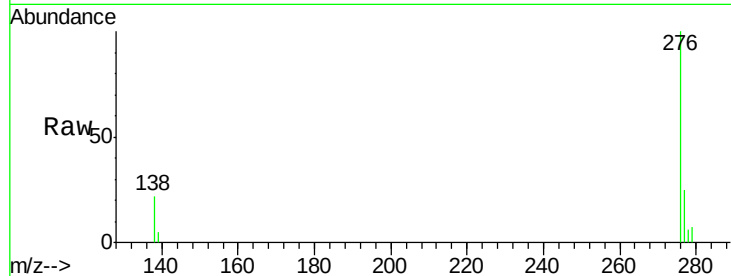
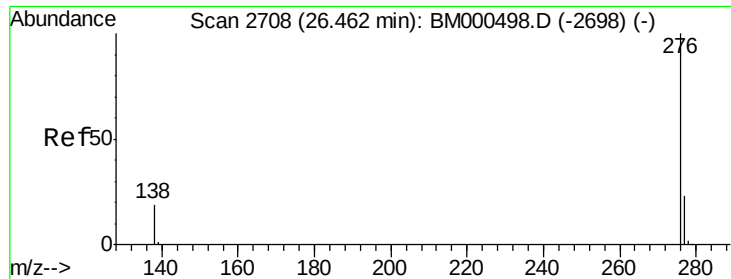
Ion Ratio Lower Upper

278 100

139 21.2 13.4 20.0#

279 26.1 21.3 31.9





#26
Benzo(g,h,i)perylene
Concen: 0.30 ng/ul
RT: 26.48 min Scan# 2710
Delta R.T. 0.01 min
Lab File: BM000482.D
Acq: 11 Feb 2015 15:43

Tgt Ion:	276	Resp:	6633
Ion Ratio	Lower	Upper	
276	100		
277	25.5	20.2	30.4
138	21.5	16.0	24.0

Instrument :
BNA_M
ClientSampleId :
X1H39

Manual Integrations
APPROVED

apatel
2/12/2015 4:10:00 PM

