

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
 Data File : BM008083.D
 Acq On : 28 Nov 2016 11:41
 Operator : UM/SJ
 Sample : H5701-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WC4

Manual Integrations
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Quant Time: Nov 28 14:48:36 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 14:45:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	305	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	1221	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.35	164	845	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1669	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	1665	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	1832	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	398	0.23	ng/ul	0.01
14) Fluoranthene-d10	19.13	212	1244	0.26	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.56	128	1356	0.40	ng/ul#	85
5) 2-Methylnaphthalene	12.17	142	963	0.44	ng/ul	100
7) Acenaphthylene	14.07	152	1568	0.41	ng/ul#	93
8) Acenaphthene	14.40	153	1419	0.49	ng/ul	89
11) Pentachlorophenol	16.78	266	384	0.66	ng/ul	96
13) Anthracene	17.24	178	1985	0.41	ng/ul#	96
17) Pyrene	19.53	202	4265	0.74	ng/ul	97
19) Chrysene	21.32	228	3186	0.50	ng/ul	92
21) Benzo(b)fluoranthene	22.86	252	3987	0.55	ng/ul	93
22) Benzo(k)fluoranthene	22.90	252	6042m	0.80	ng/ul	
23) Benzo(a)pyrene	23.44	252	1701	0.25	ng/ul	91
25) Dibenzo(a,h)anthracene	25.80	278	3763	0.55	ng/ul	95

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

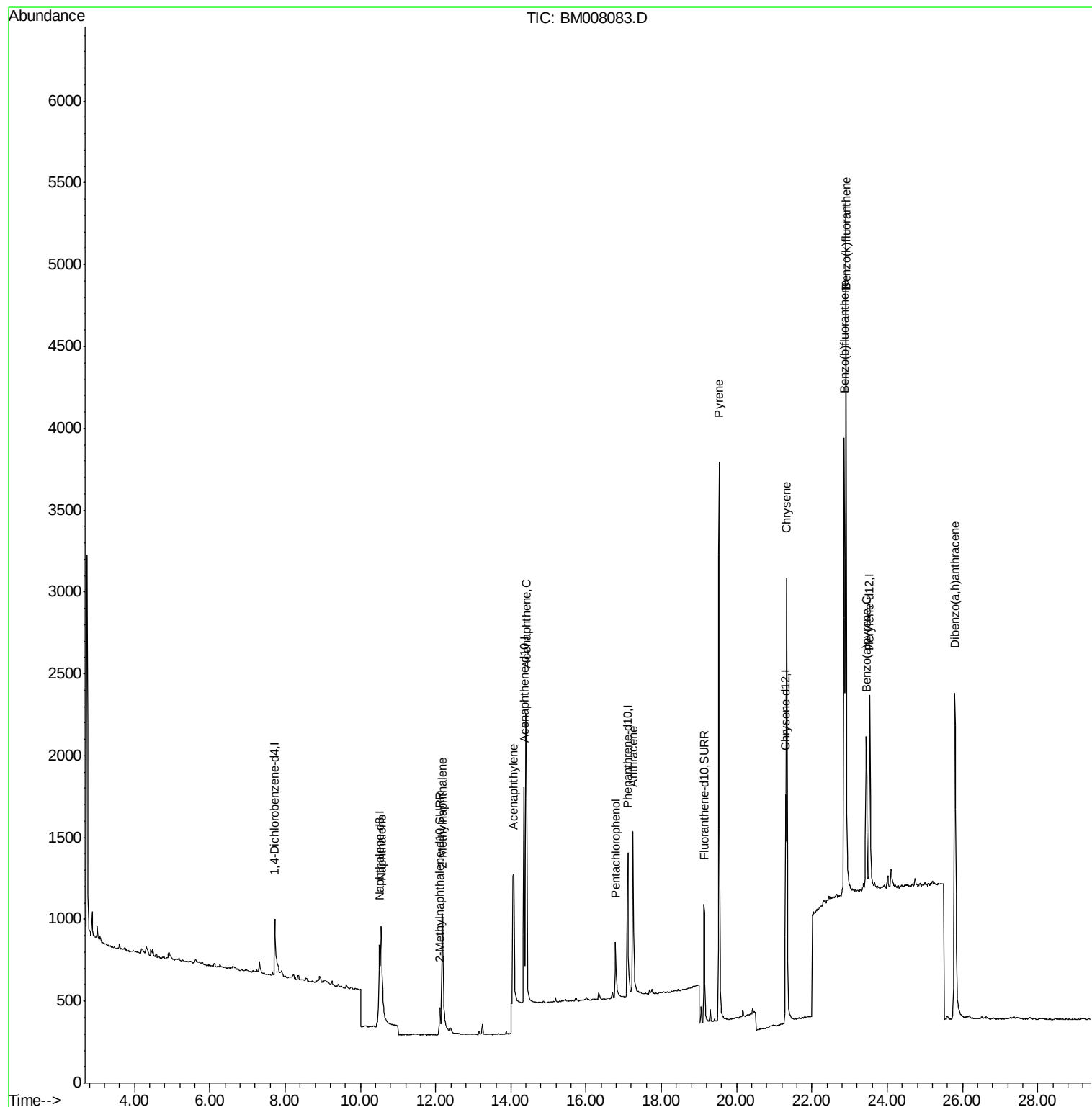
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112816\
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Sample : H5701-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

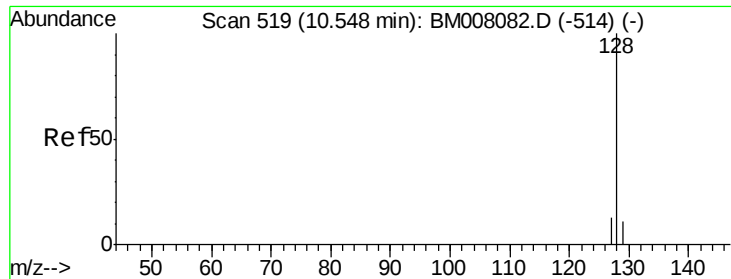
Instrument :
BNA_M
ClientSampleId :
A4WC4

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QLast Update : Mon Nov 28 14:45:16 2016
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#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. 0.01 min

Lab File: BM008083.D

Acq: 28 Nov 2016 11:41

Instrument :

BNA_M

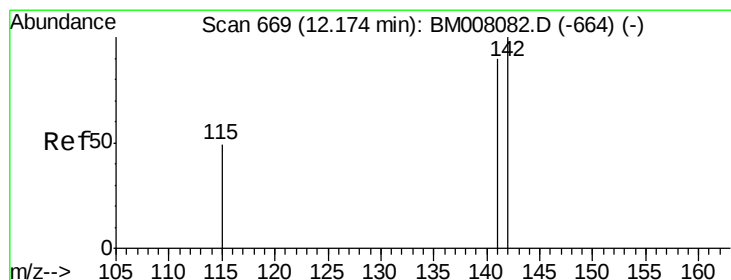
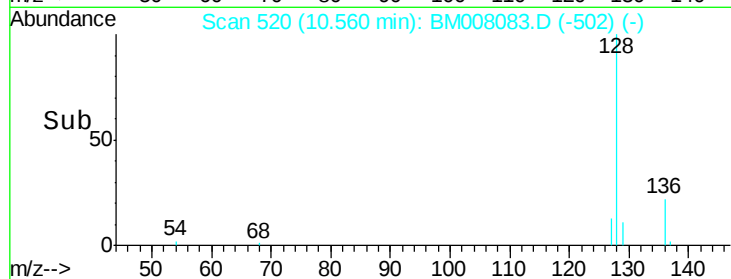
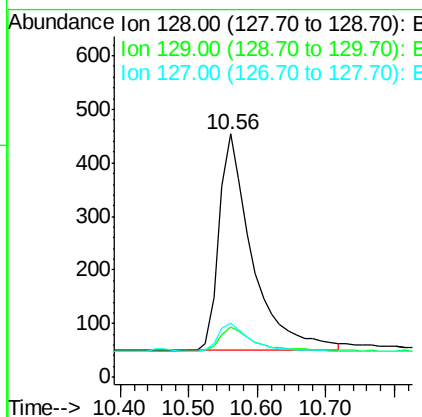
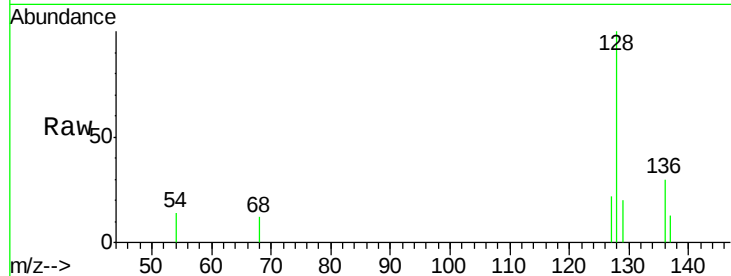
ClientSampleId :

A4WC4

Tot Ion:	128	Resp:	1356
Ion Ratio	Lower	Upper	
128	100		
129	20.5	11.3	16.9#
127	22.2	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.44 ng/ul

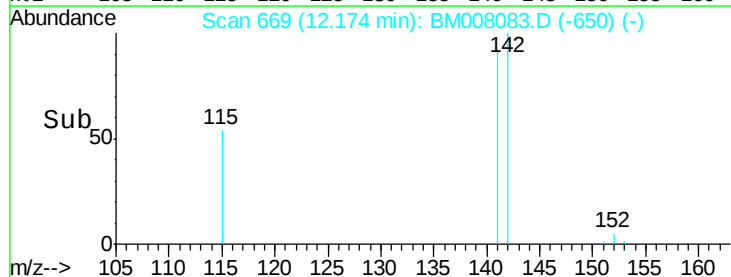
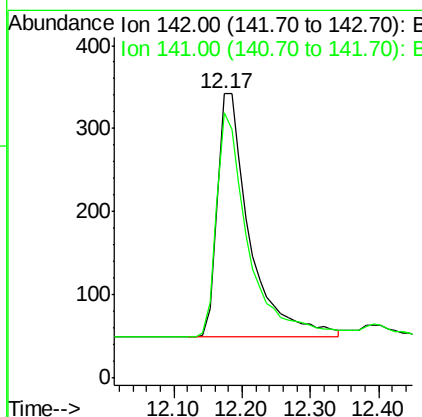
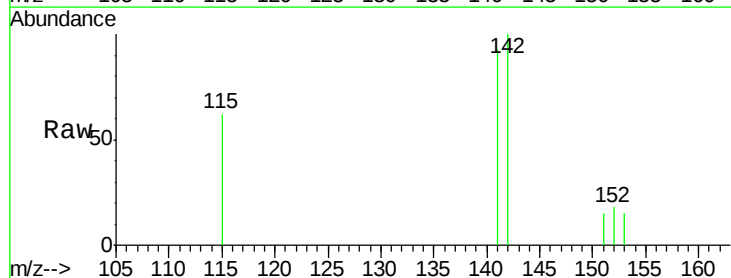
RT: 12.17 min Scan# 669

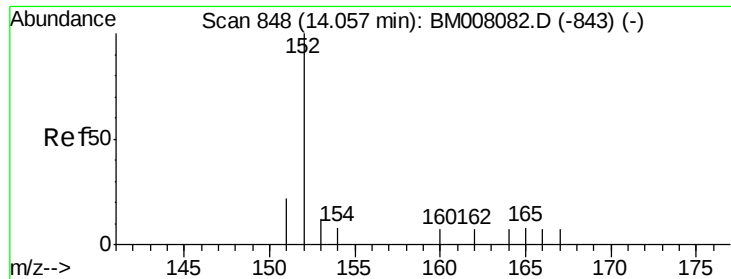
Delta R.T. -0.00 min

Lab File: BM008083.D

Acq: 28 Nov 2016 11:41

Tgt Ion:	142	Resp:	963
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.02 min

Lab File: BM008083.D

Acq: 28 Nov 2016 11:41

Instrument :

BNA_M

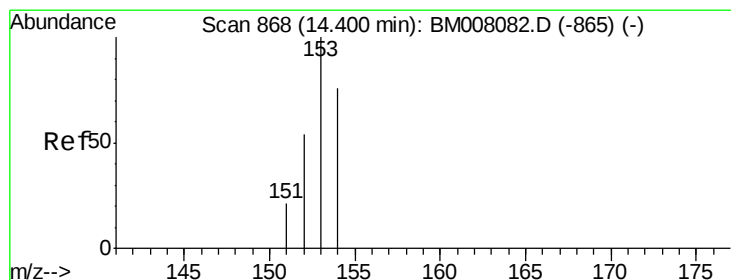
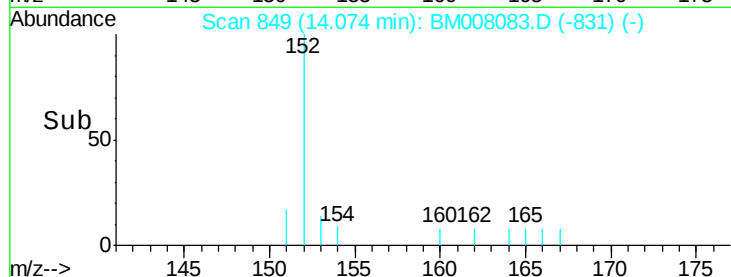
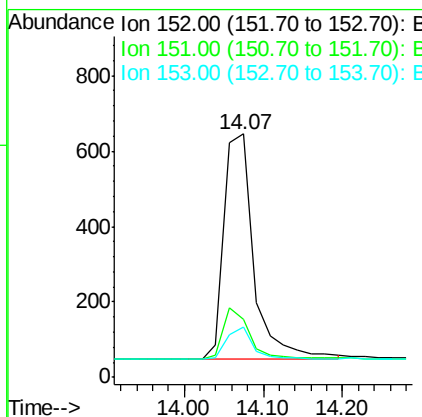
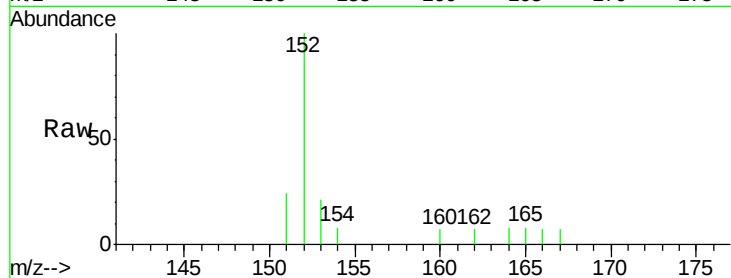
ClientSampleId :

A4WC4

Tot Ion:	152	Resp:	1568
Ion Ratio	Lower	Upper	
152	100		
151	23.7	17.1	25.7
153	20.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.49 ng/ul

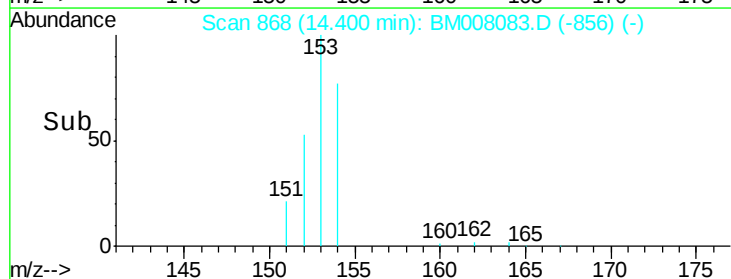
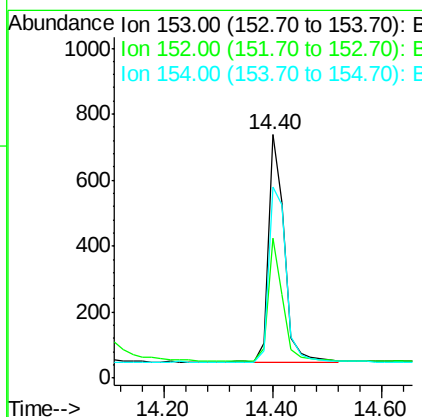
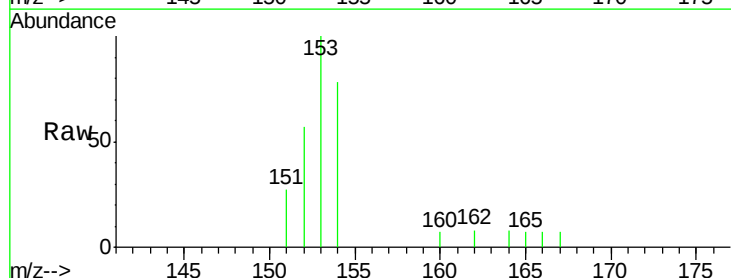
RT: 14.40 min Scan# 868

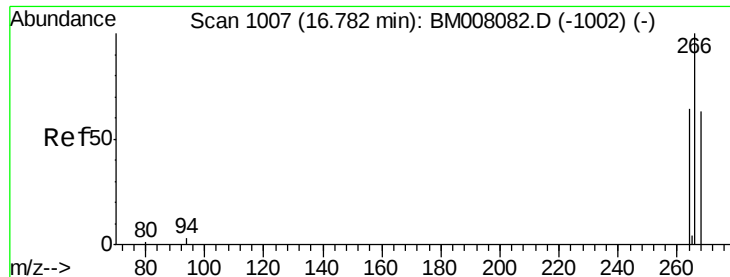
Delta R.T. -0.00 min

Lab File: BM008083.D

Acq: 28 Nov 2016 11:41

Tgt Ion:	153	Resp:	1419
Ion Ratio	Lower	Upper	
153	100		
152	57.5	40.3	60.5
154	78.3	71.4	107.2





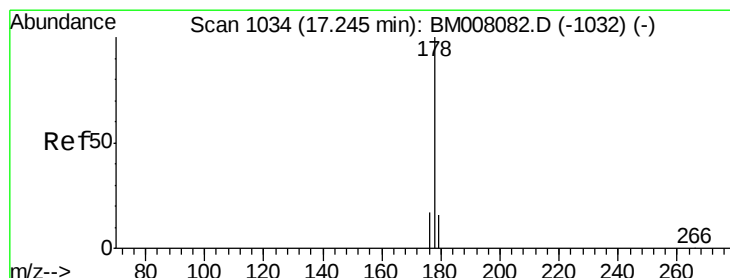
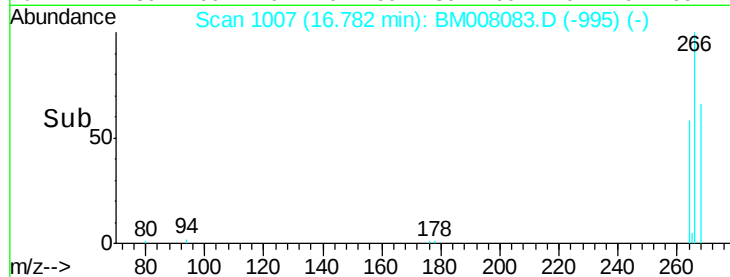
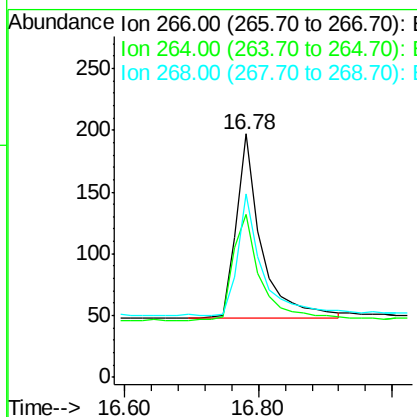
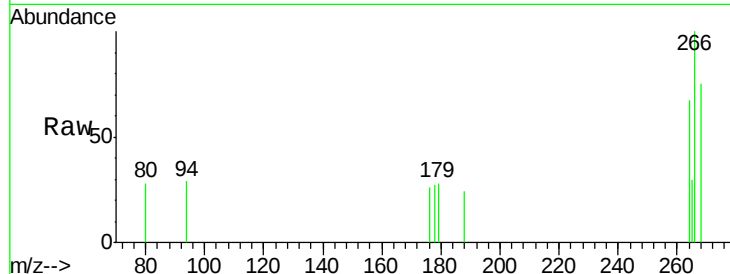
#11
 Pentachlorophenol
 Concen: 0.66 ng/ul
 RT: 16.78 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM008083.D
 Acq: 28 Nov 2016 11:41

Instrument :
 BNA_M
 ClientSampleId :
 A4WC4

Tot Ion:	266	Resp:	384
Ion Ratio	Lower	Upper	
266	100		
264	64.8	47.9	71.9
268	63.5	49.8	74.8

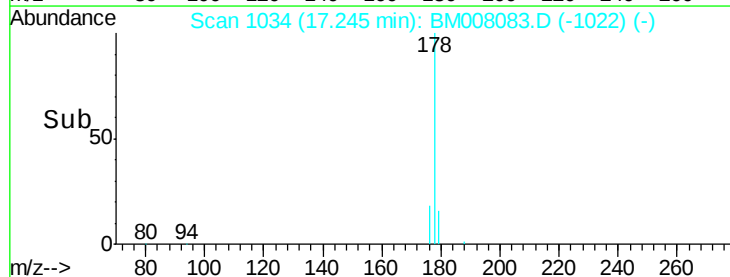
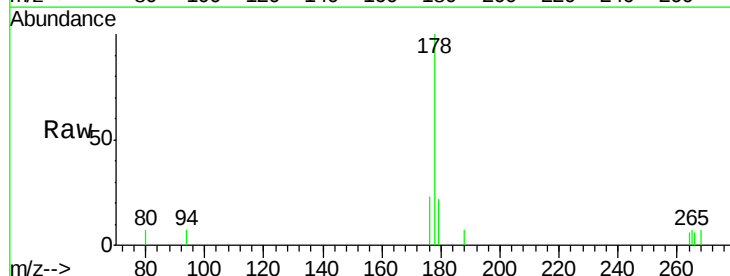
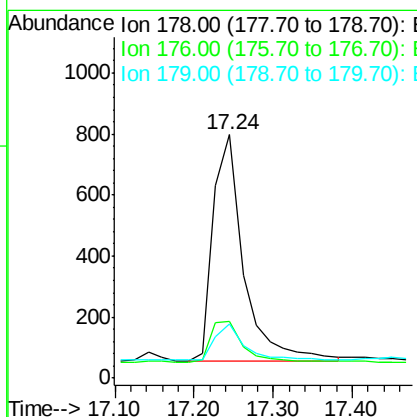
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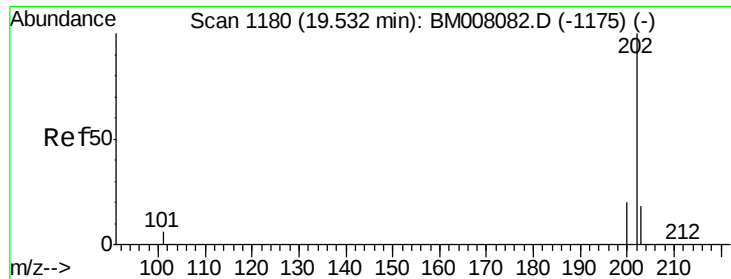
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#13
 Anthracene
 Concen: 0.41 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BM008083.D
 Acq: 28 Nov 2016 11:41

Tgt Ion:	178	Resp:	1985
Ion Ratio	Lower	Upper	
178	100		
176	23.1	18.1	27.1
179	22.2	14.7	22.1#





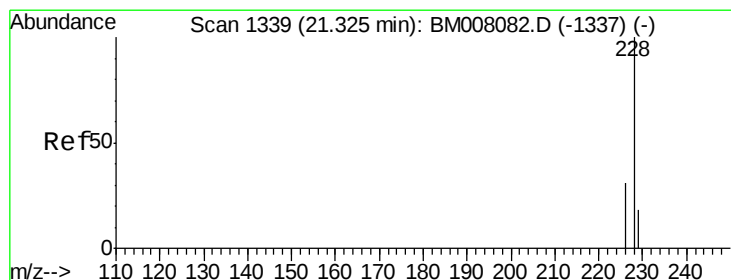
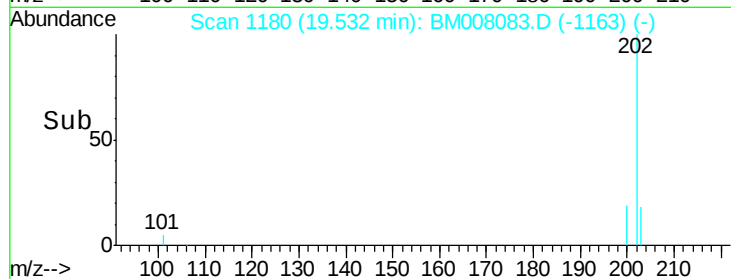
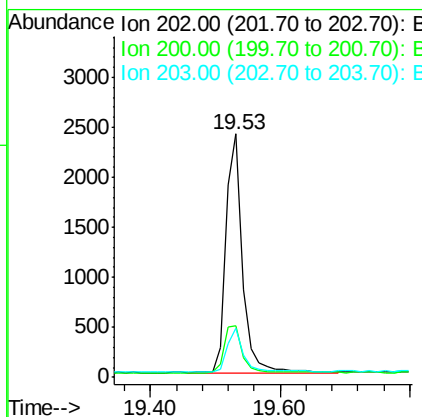
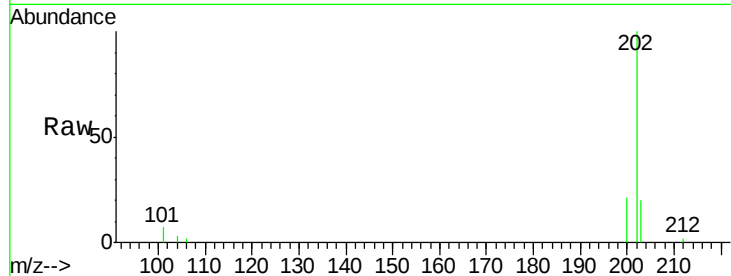
#17
Pvrene
Concen: 0.74 ng/ul
RT: 19.53 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BM008083.D
Acq: 28 Nov 2016 11:41

Instrument :
BNA_M
ClientSampleId :
A4WC4

Tot Ion:	202	Resp:	4265
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.2	27.4
203	20.4	15.6	23.4

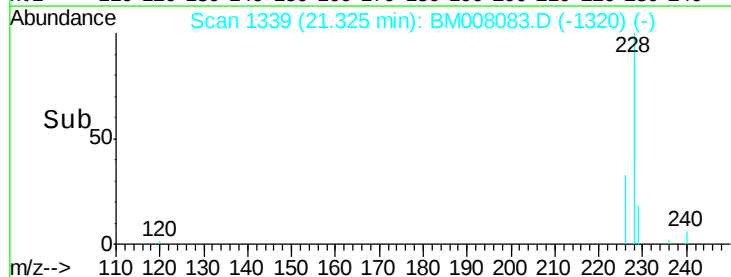
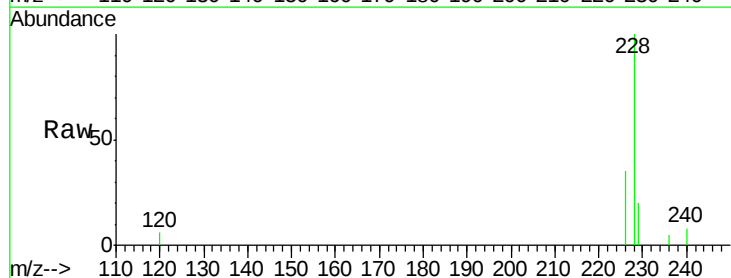
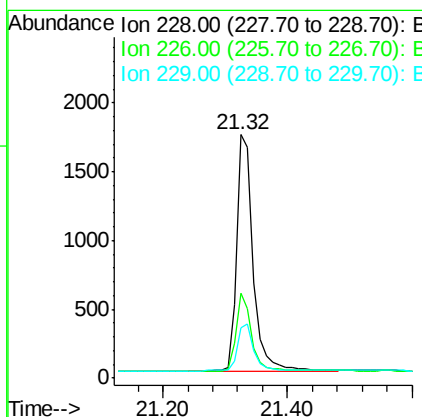
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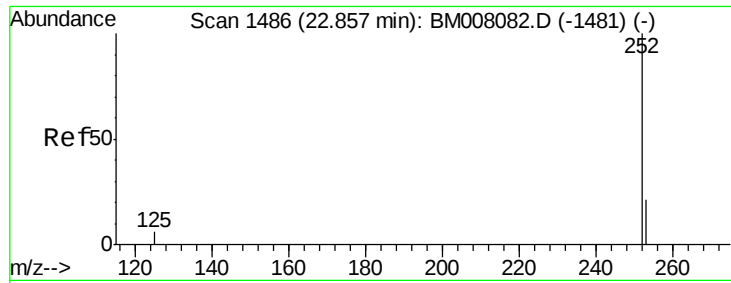
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#19
Chrysene
Concen: 0.50 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM008083.D
Acq: 28 Nov 2016 11:41

Tgt Ion:	228	Resp:	3186
Ion Ratio	Lower	Upper	
228	100		
226	34.9	23.4	35.0
229	20.5	17.7	26.5





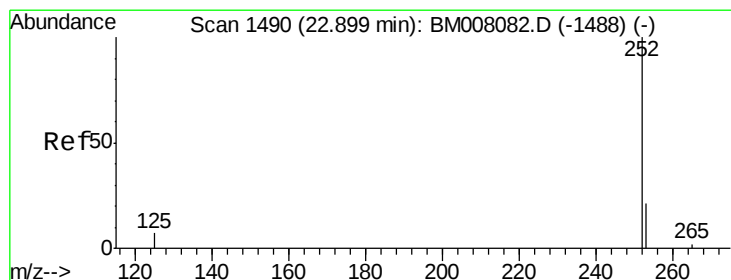
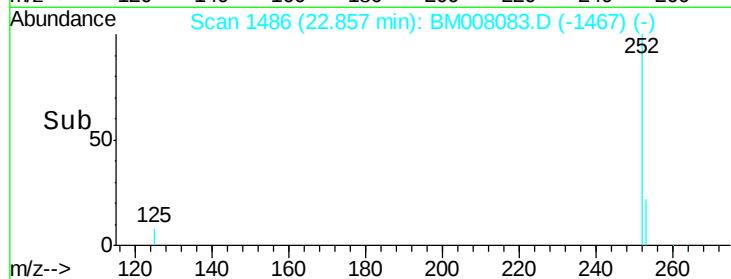
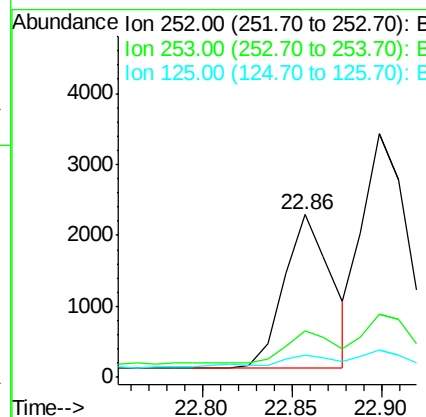
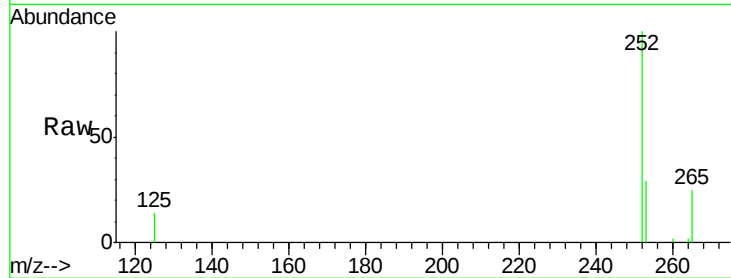
#21
Benzo(b)fluoranthene
Concen: 0.55 ng/ul
RT: 22.86 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BM008083.D
Acq: 28 Nov 2016 11:41

Instrument :
BNA_M
ClientSampleId :
A4WC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	64.2
125	13.8	0.0	35.0

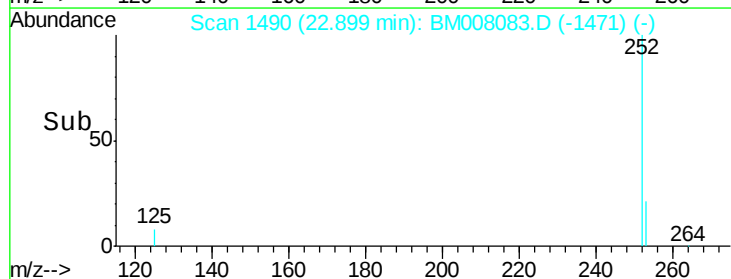
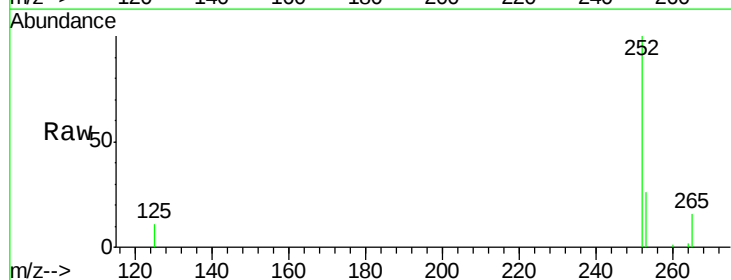
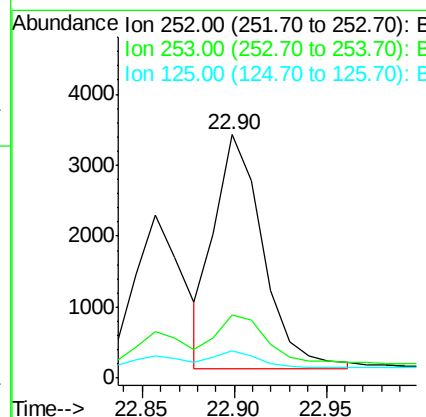
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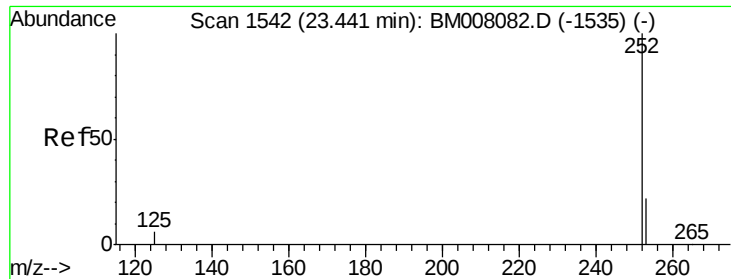
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#22
Benzo(k)fluoranthene
Concen: 0.80 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BM008083.D
Acq: 28 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	24.5	36.7
125	11.4	13.7	20.5#





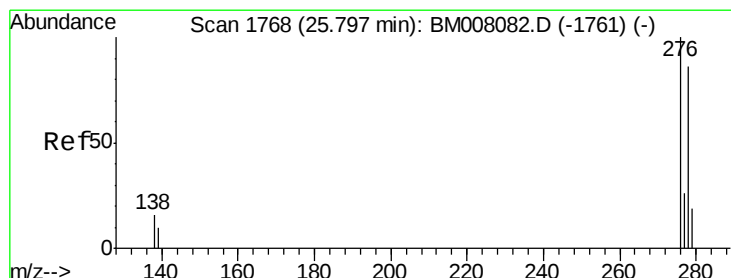
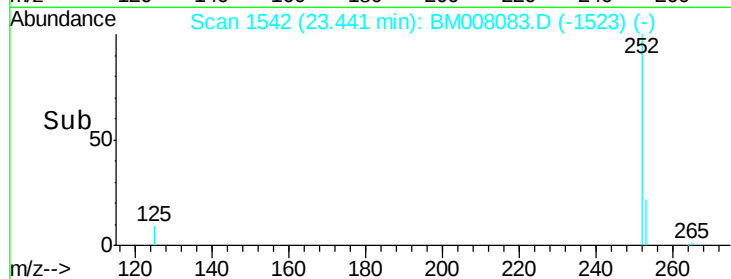
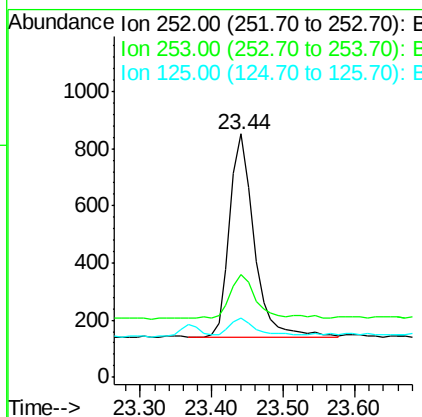
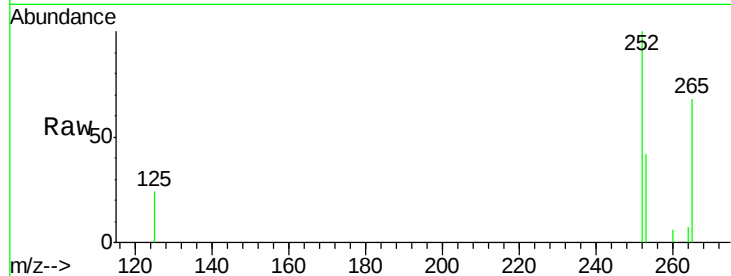
#23
Benzo(a)pyrene
Concen: 0.25 ng/ul
RT: 23.44 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM008083.D
Acq: 28 Nov 2016 11:41

Instrument :
BNA_M
ClientSampled :
A4WC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	42.4	28.5	42.7
125	24.4	18.1	27.1

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#25
Dibenzo(a,h)anthracene
Concen: 0.55 ng/ul
RT: 25.80 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BM008083.D
Acq: 28 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	17.4	26.0
279	30.8	25.9	38.9

