

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
 Data File : BM008066.D
 Acq On : 24 Nov 2016 10:19
 Operator : UM/SJ
 Sample : H5701-26
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG6

Manual Integrations
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Quant Time: Nov 28 10:55:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	627	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	2207	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1338	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2846m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2682	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2259m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	440	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2016	0.25	ng/ul	0.00
Target Compounds						
7) Acenaphthylene	14.06	152	329	0.05	ng/ul#	69
12) Phenanthrene	17.12	178	1366	0.15	ng/ul	94
13) Anthracene	17.23	178	427	0.05	ng/ul#	66
15) Fluoranthene	19.16	202	3624	0.32	ng/ul	98
17) Pyrene	19.52	202	4113	0.44	ng/ul	99
18) Benzo(a)anthracene	21.27	228	1710	0.21	ng/ul	94
19) Chrysene	21.32	228	1973	0.19	ng/ul	92
21) Benzo(b)fluoranthene	22.86	252	2465m	0.27	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1043m	0.11	ng/ul	
23) Benzo(a)pyrene	23.42	252	1546m	0.18	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	1217m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	1076m	0.12	ng/ul	

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

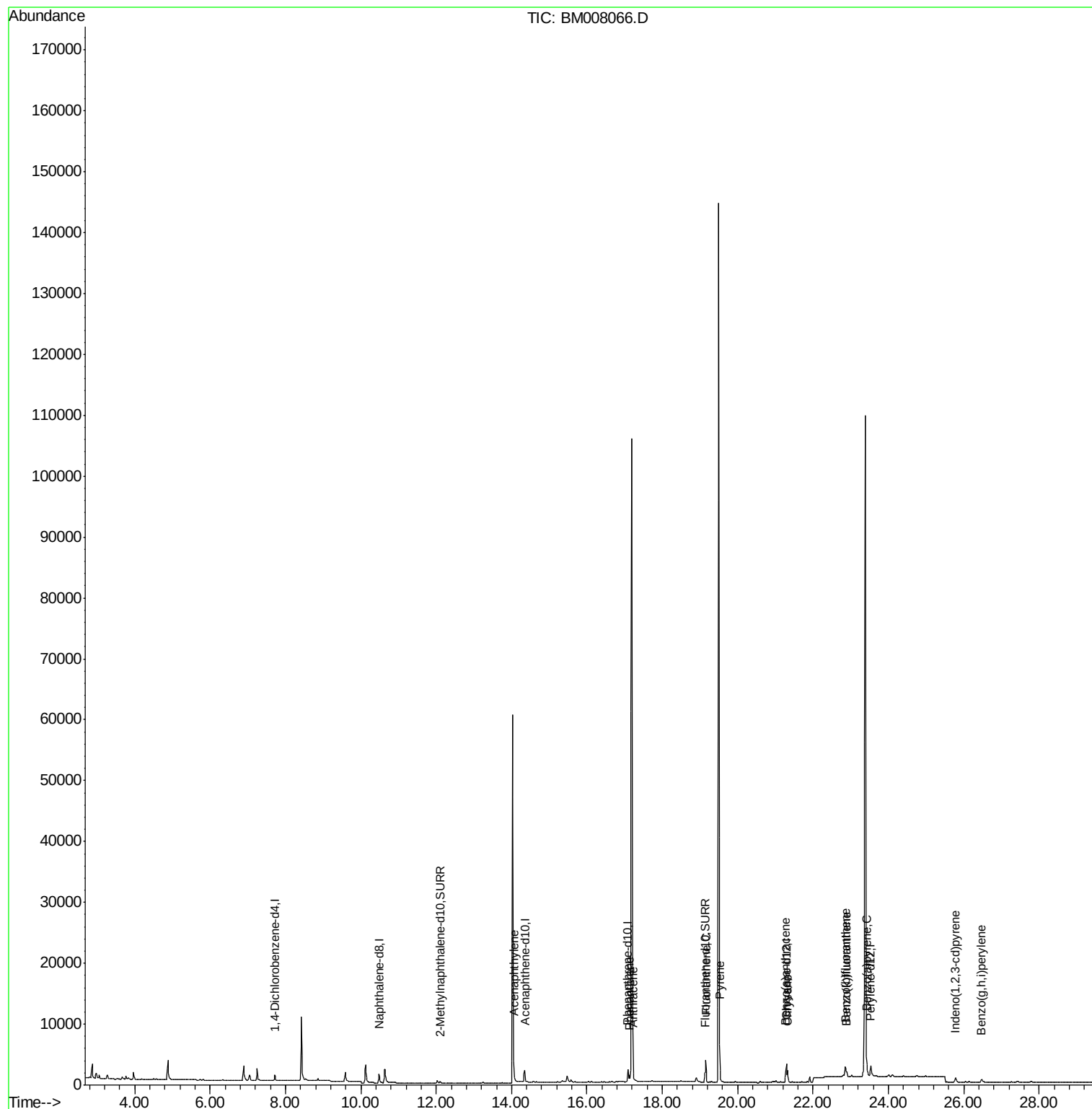
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008066.D
Acq On : 24 Nov 2016 10:19
Operator : UM/SJ
Sample : H5701-26
Misc :
ALS Vial : 32 Sample Multiplier: 1

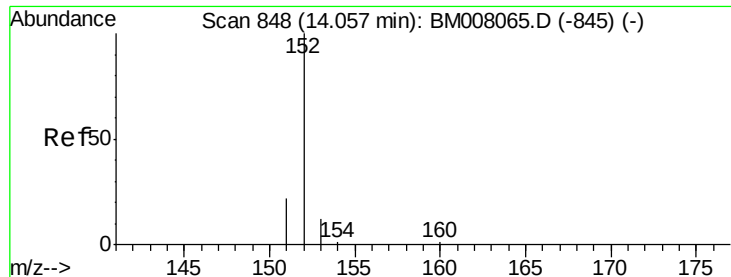
Instrument :
BNA_M
ClientSampleId :
A4WG6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 01:27:01 2016
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM008066.D

Acq: 24 Nov 2016 10:19

Instrument :

BNA_M

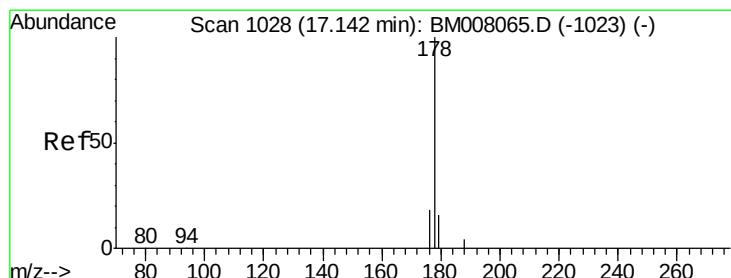
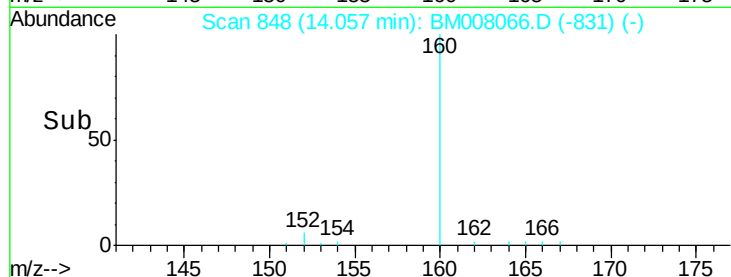
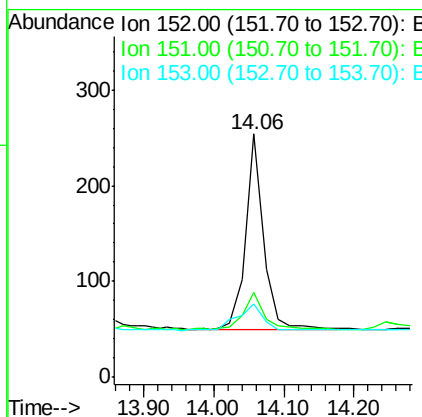
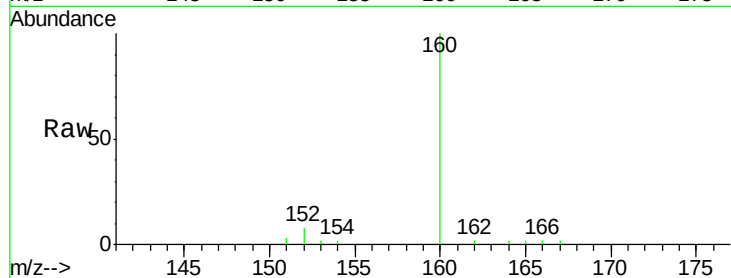
ClientSampleId :

A4WG6

Tot Ion:	152	Resp:	329
Ion Ratio	Lower	Upper	
152	100		
151	35.0	17.1	25.7#
153	30.3	12.8	19.2#

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#12

Phenanthrene

Concen: 0.15 ng/ul

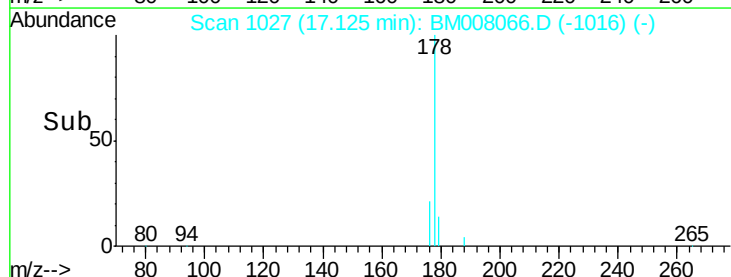
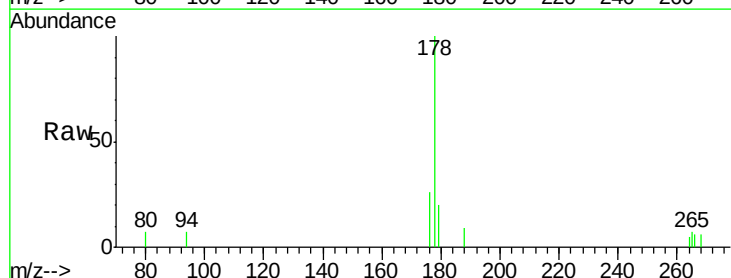
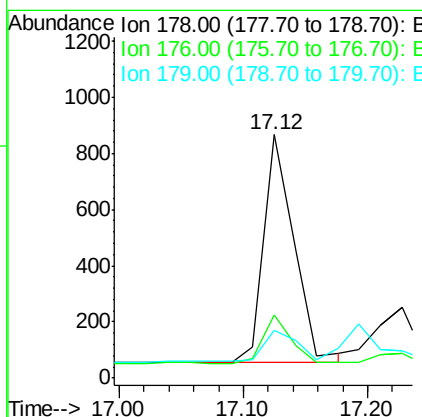
RT: 17.12 min Scan# 1027

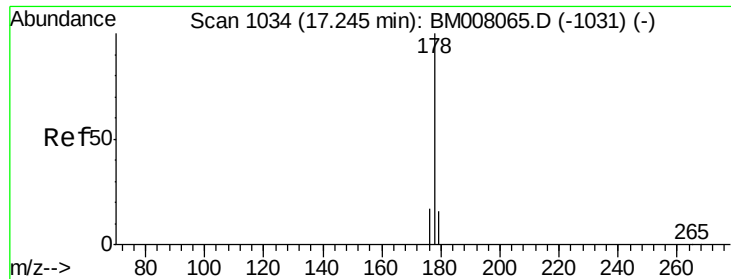
Delta R.T. -0.02 min

Lab File: BM008066.D

Acq: 24 Nov 2016 10:19

Tgt Ion:	178	Resp:	1366
Ion Ratio	Lower	Upper	
178	100		
176	25.7	18.4	27.6
179	19.8	13.6	20.4





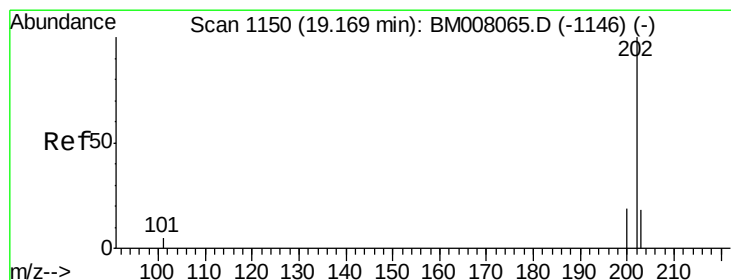
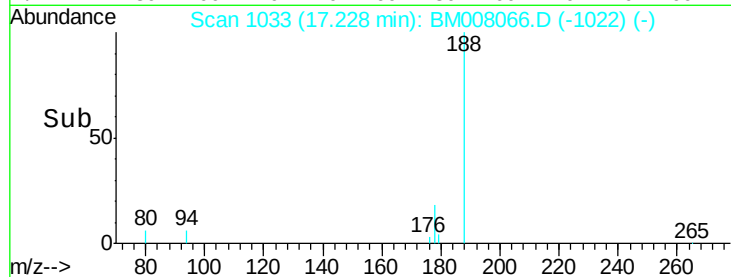
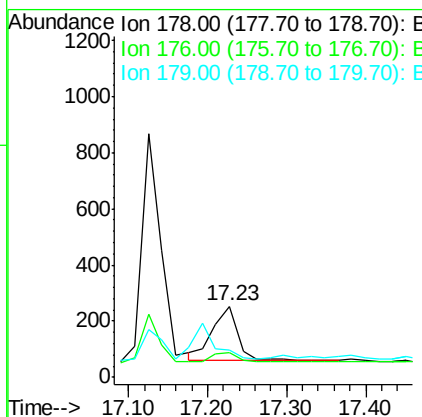
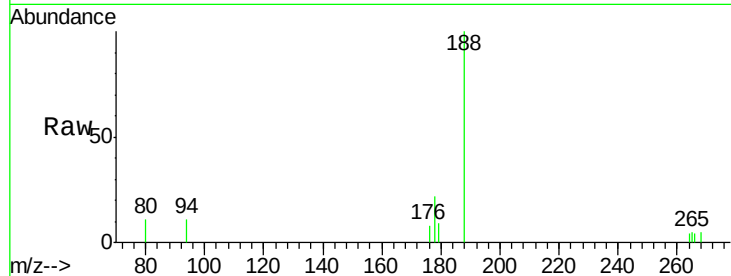
#13
 Anthracene
 Concen: 0.05 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BM008066.D
 Acq: 24 Nov 2016 10:19

Instrument :
 BNA_M
 ClientSampled :
 A4WG6

Tot Ion	Ratio	Lower	Upper
178	100		
176	34.4	18.1	27.1#
179	39.1	14.7	22.1#

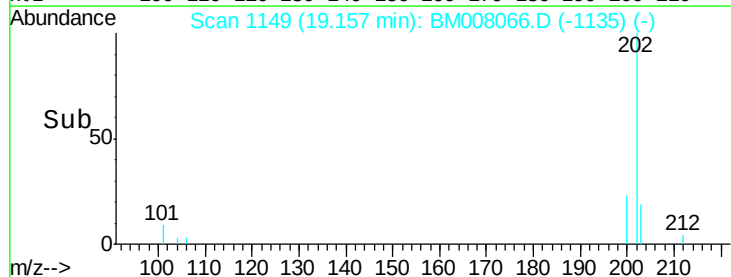
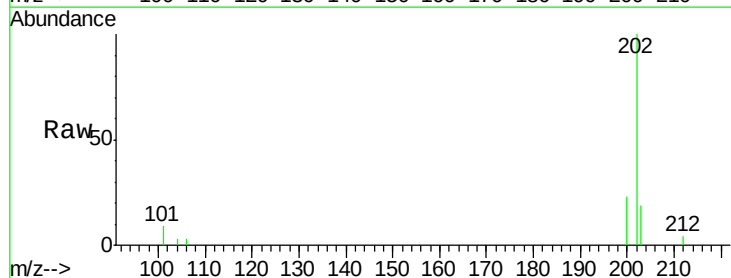
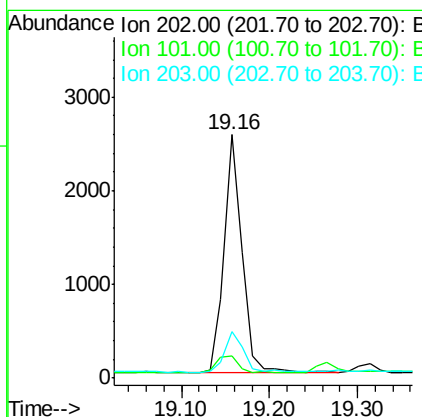
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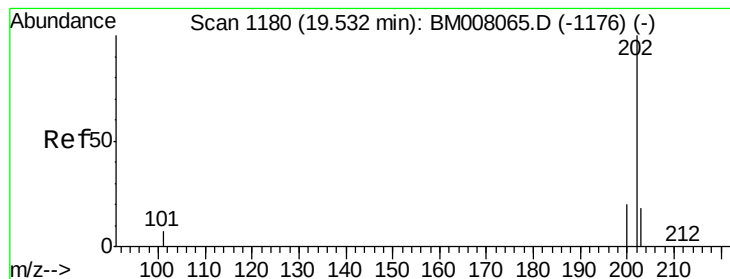
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#15
 Fluoranthene
 Concen: 0.32 ng/ul
 RT: 19.16 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM008066.D
 Acq: 24 Nov 2016 10:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
203	19.0	0.0	39.5





#17

Pyrene

Concen: 0.44 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008066.D

Acq: 24 Nov 2016 10:19

Instrument :

BNA_M

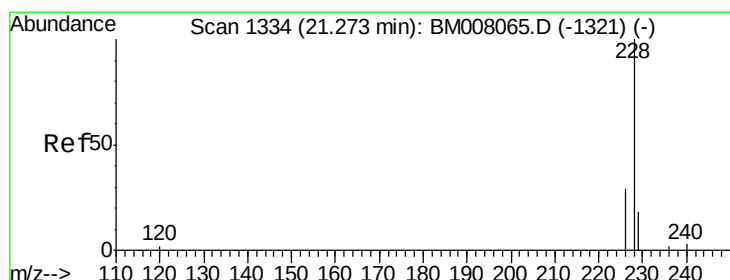
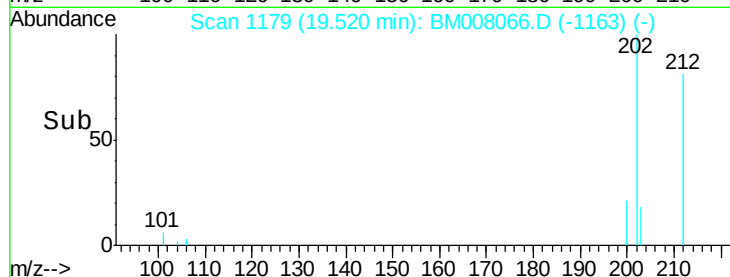
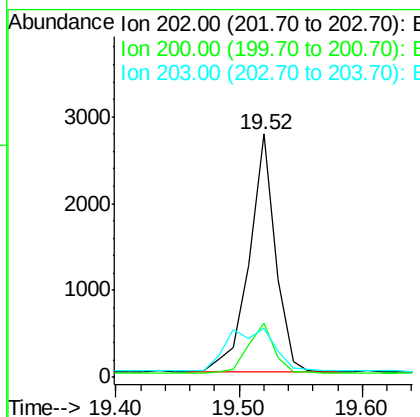
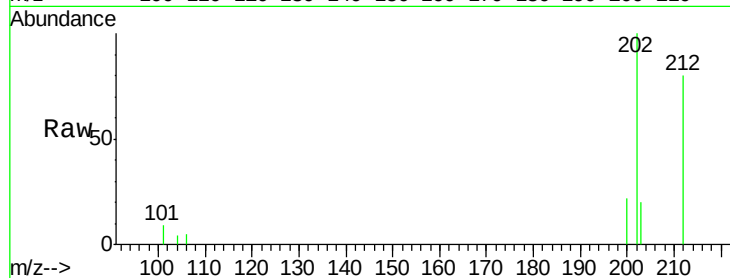
ClientSampleId :

A4WG6

Tot Ion:	202	Resp:	4113
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.2	27.4
203	20.2	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.21 ng/ul

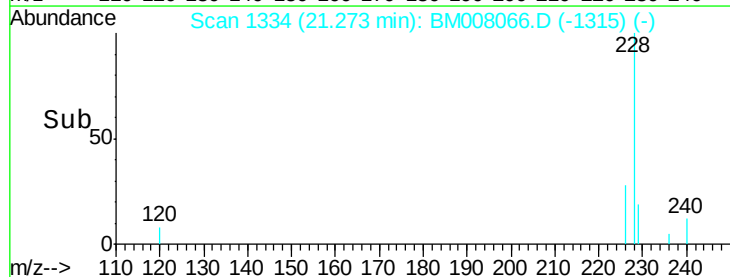
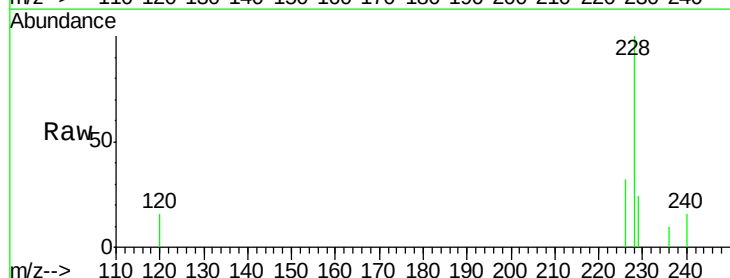
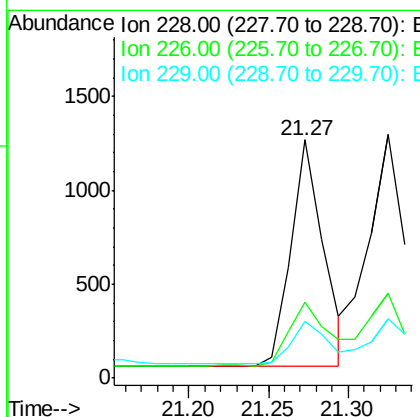
RT: 21.27 min Scan# 1334

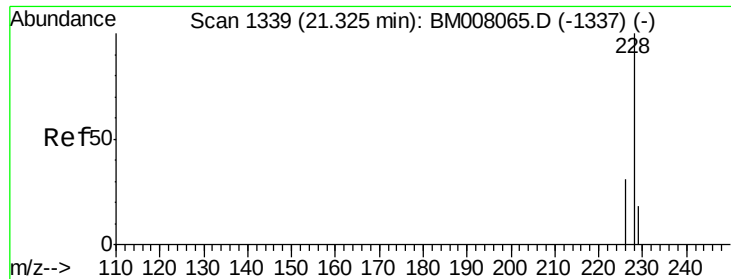
Delta R.T. 0.00 min

Lab File: BM008066.D

Acq: 24 Nov 2016 10:19

Tgt Ion:	228	Resp:	1710
Ion Ratio	Lower	Upper	
228	100		
226	32.1	22.8	34.2
229	24.0	17.0	25.6





#19

Chrysene

Concen: 0.19 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM008066.D

Acq: 24 Nov 2016 10:19

Instrument :

BNA_M

ClientSampleId :

A4WG6

Tot Ion:228 Resp: 1973

Ion Ratio Lower Upper

228 100

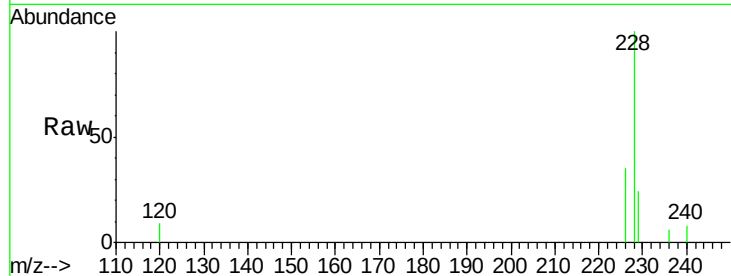
226 34.8 23.4 35.0

229 24.1 17.7 26.5

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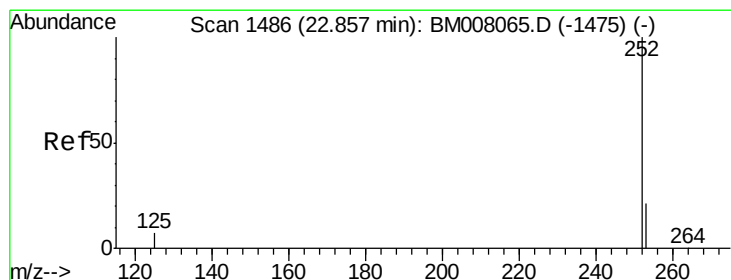
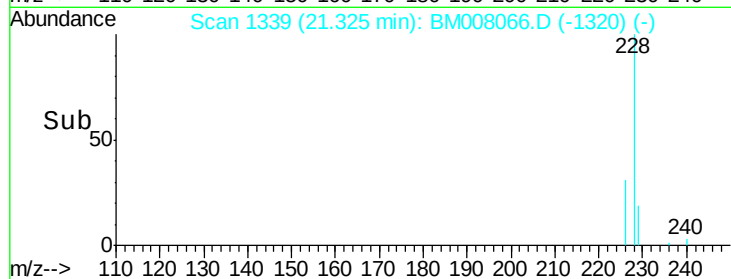
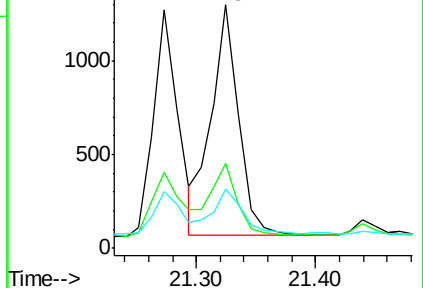
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.27 ng/ul m

RT: 22.86 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BM008066.D

Acq: 24 Nov 2016 10:19

Tgt Ion:252 Resp: 2465

Ion Ratio Lower Upper

252 100

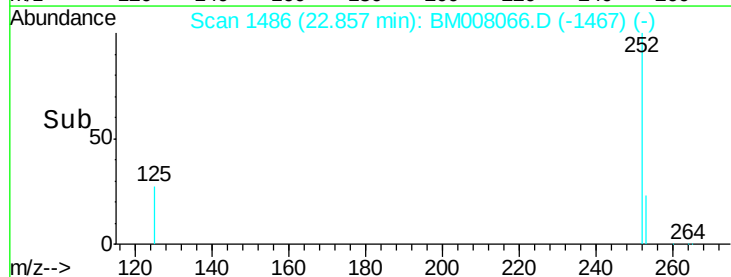
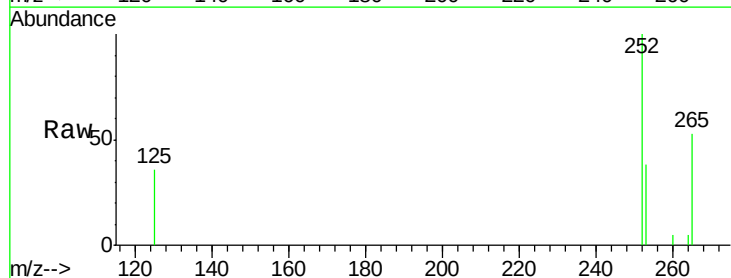
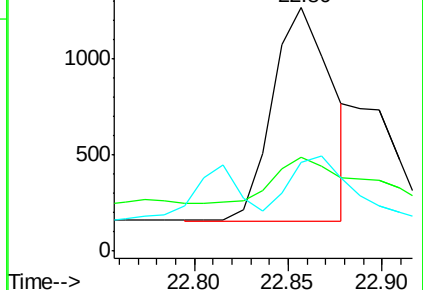
253 38.3 0.0 64.2

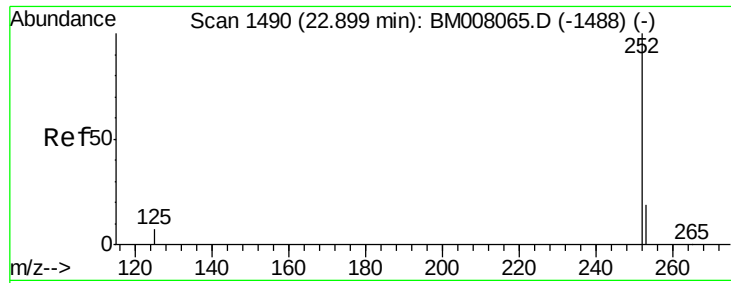
125 36.2 0.0 35.0#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





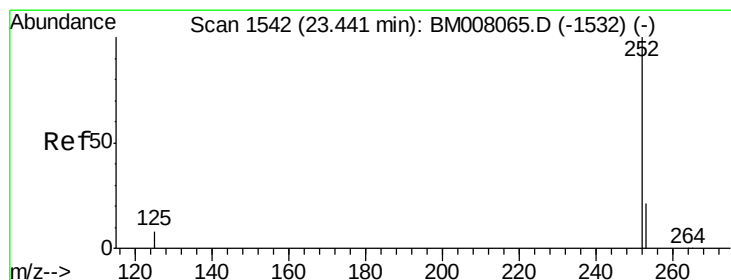
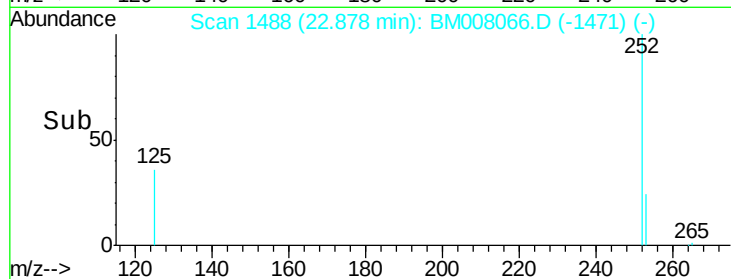
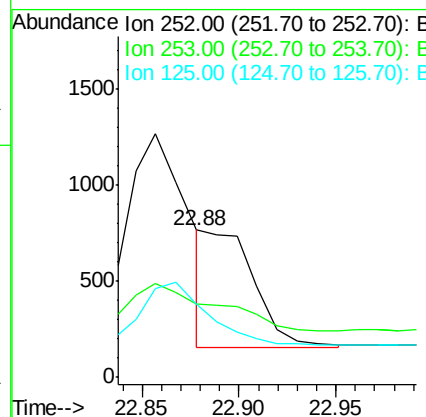
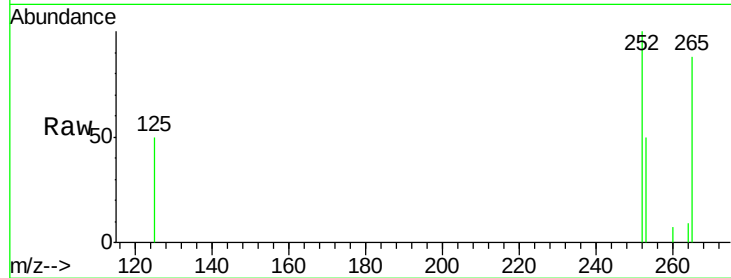
#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008066.D
Acq: 24 Nov 2016 10:19

Instrument :
BNA_M
ClientSampleId :
A4WG6

Tot Ion	Ratio	Lower	Upper
252	100		
253	49.7	24.5	36.7#
125	50.1	13.7	20.5#

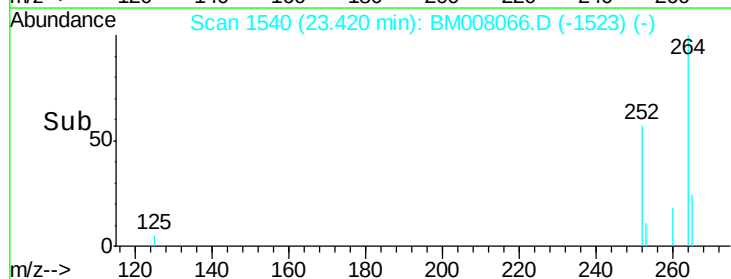
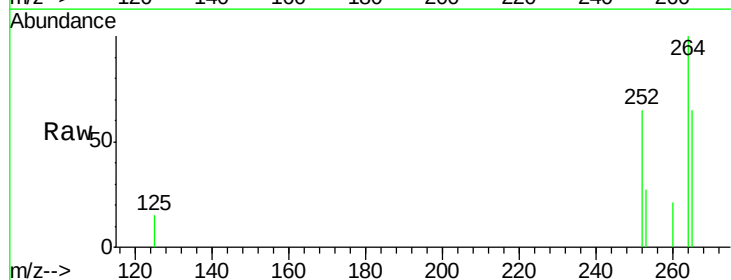
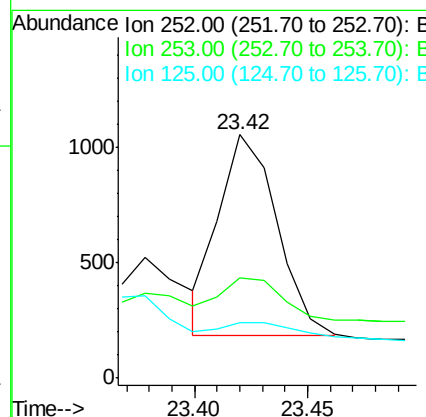
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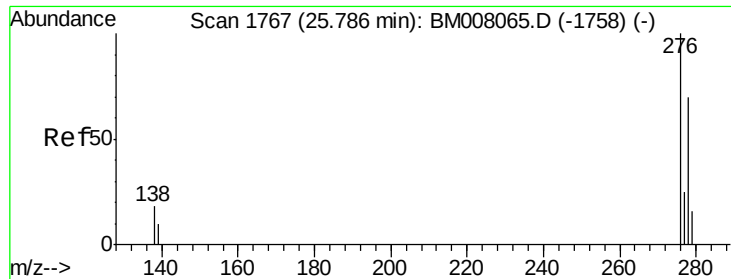
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#23
Benzo(a)pyrene
Concen: 0.18 ng/ul m
RT: 23.42 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM008066.D
Acq: 24 Nov 2016 10:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.0	28.5	42.7
125	22.9	18.1	27.1





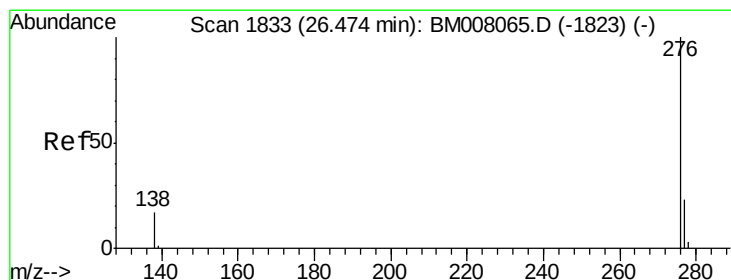
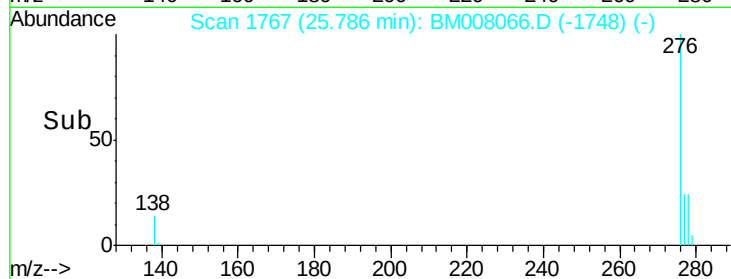
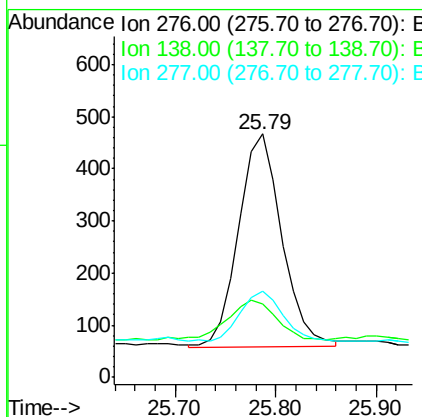
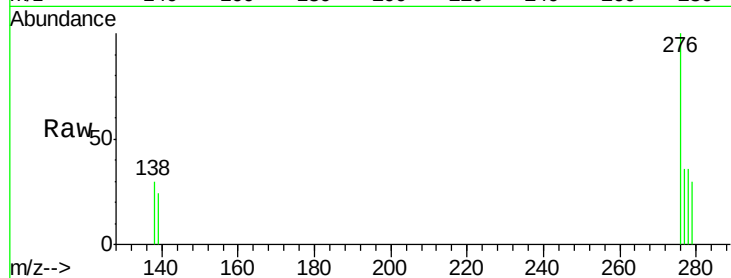
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.12 ng/ul m
 RT: 25.79 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BM008066.D
 Acq: 24 Nov 2016 10:19

Instrument :
 BNA_M
 ClientSampleId :
 A4WG6

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	86.3	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.12 ng/ul m
 RT: 26.47 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BM008066.D
 Acq: 24 Nov 2016 10:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	38.6	21.8	32.8#
138	33.5	20.5	30.7#

