

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009124.D
 Acq On : 09 Mar 2017 00:05
 Operator : SJ/MA
 Sample : I2062-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK5

Manual Integrations
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Quant Time: Mar 09 03:02:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	276	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	892	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	541	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1279m	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	1379	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1253m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	270	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	736	0.18	ng/ul	0.00
Target Compounds						
5) 2-Methylnaphthalene	12.34	142	119	0.06	ng/ul	97
12) Phenanthrene	17.31	178	750m	0.19	ng/ul	
13) Anthracene	17.40	178	176	0.04	ng/ul#	46
15) Fluoranthene	19.33	202	1982	0.38	ng/ul	97
17) Pyrene	19.69	202	1961	0.41	ng/ul	97
18) Benzo(a)anthracene	21.43	228	1248	0.27	ng/ul#	90
19) Chrysene	21.48	228	1482	0.34	ng/ul#	93
21) Benzo(b)fluoranthene	23.07	252	2158m	0.44	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	800m	0.18	ng/ul	
23) Benzo(a)pyrene	23.67	252	1417m	0.32	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	992m	0.18	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	879m	0.18	ng/ul	

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

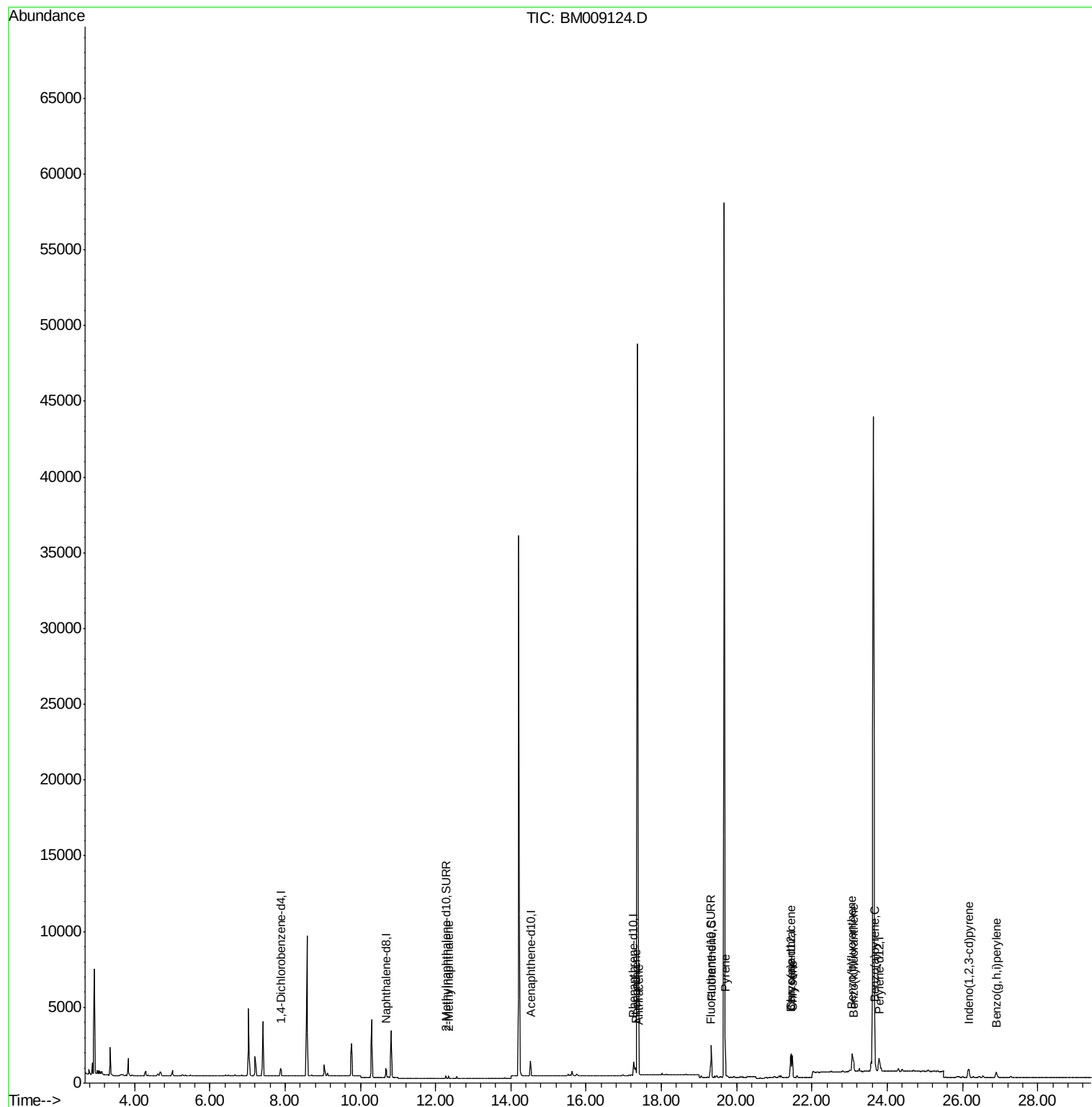
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009124.D
Acq On : 09 Mar 2017 00:05
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Sample : I2062-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

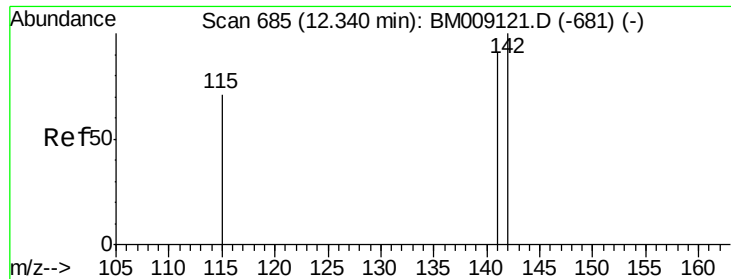
Instrument :
BNA_M
ClientSampleId :
C0AK5

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Quant Time: Mar 09 03:02:25 2017
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QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009124.D

Acq: 09 Mar 2017 00:05

Instrument :

BNA_M

ClientSampleId :

C0AK5

Tgt Ion:142 Resp: 119

Ion Ratio Lower Upper

142 100

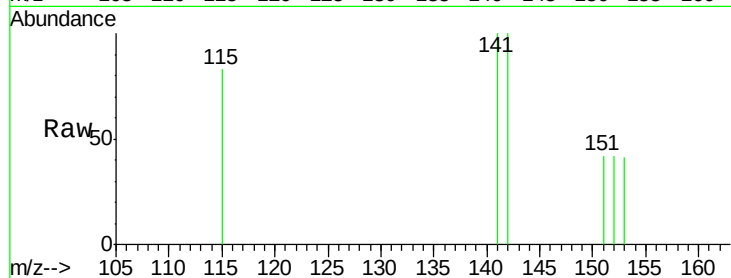
141 87.4 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

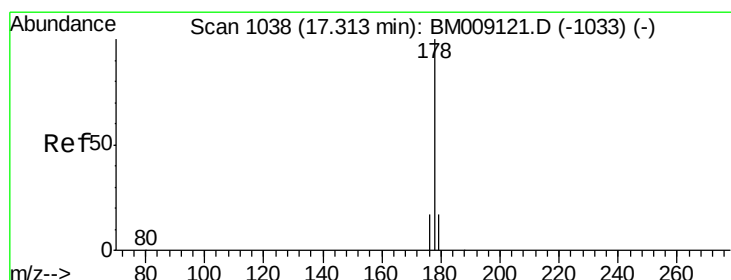
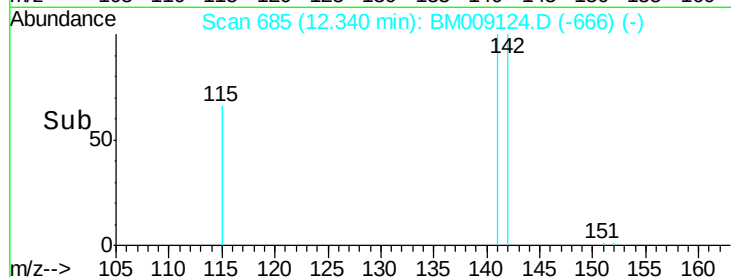
12.34

100

50

0

Time--> 12.20 12.30 12.40



#12

Phenanthrene

Concen: 0.19 ng/ul m

RT: 17.31 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BM009124.D

Acq: 09 Mar 2017 00:05

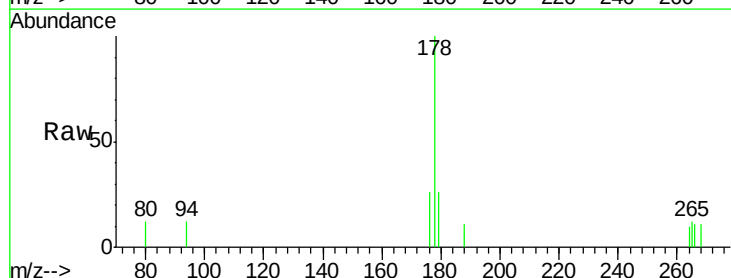
Tgt Ion:178 Resp: 750

Ion Ratio Lower Upper

178 100

176 26.3 18.4 27.6

179 26.3 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.31

600

500

400

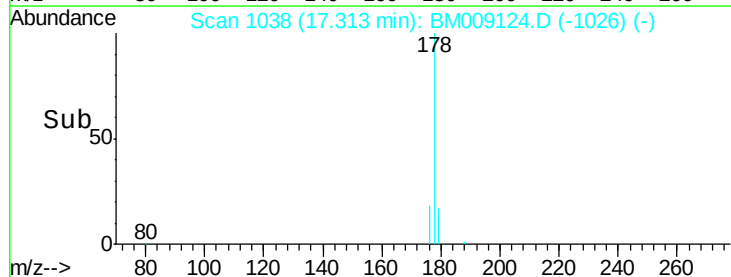
300

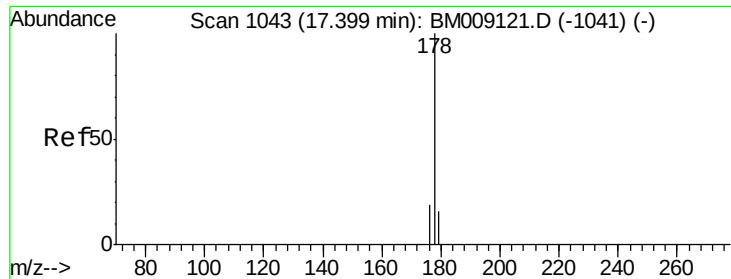
200

100

0

Time--> 17.20 17.25 17.30 17.35





#13

Anthracene

Concen: 0.04 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BM009124.D

Acq: 09 Mar 2017 00:05

Instrument :

BNA_M

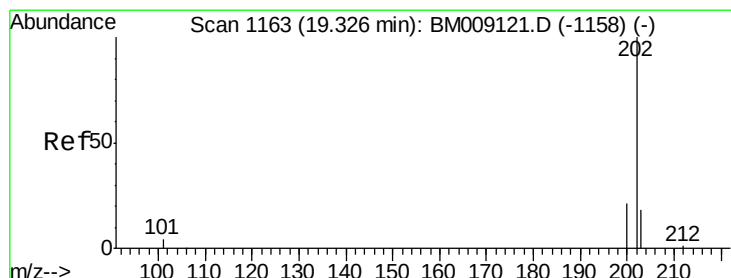
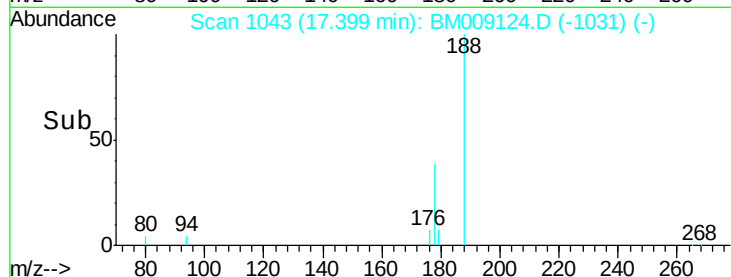
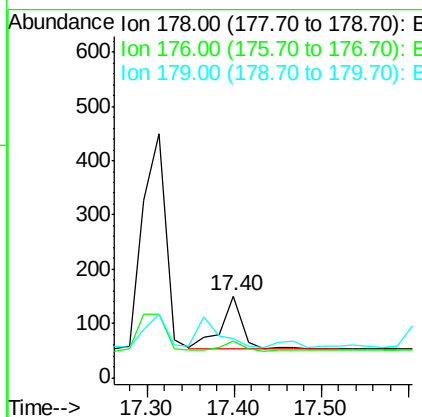
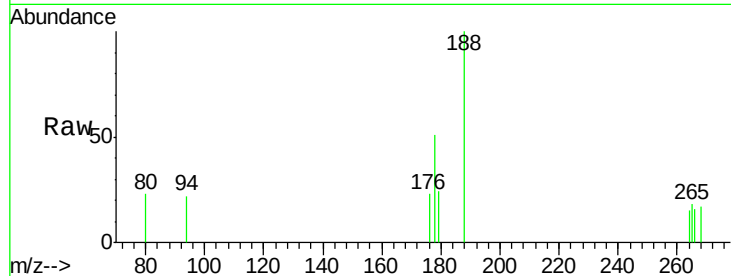
ClientSampleId :

C0AK5

Tgt Ion:	178	Resp:	176
Ion Ratio	Lower	Upper	
178	100		
176	44.7	18.1	27.1#
179	47.3	14.7	22.1#

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#15

Fluoranthene

Concen: 0.38 ng/ul

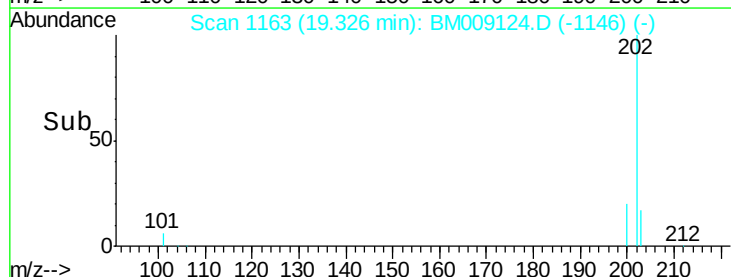
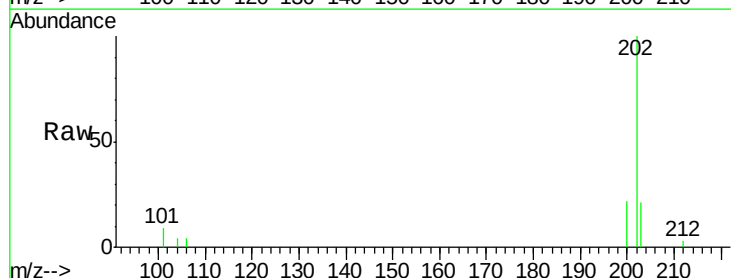
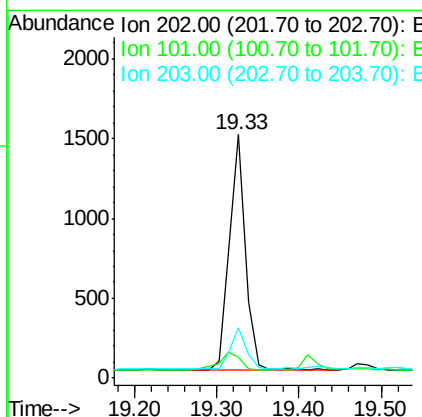
RT: 19.33 min Scan# 1163

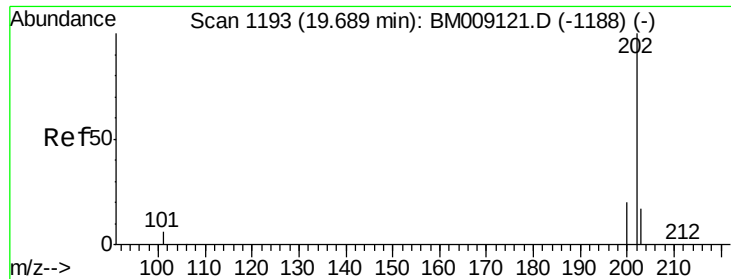
Delta R.T. 0.00 min

Lab File: BM009124.D

Acq: 09 Mar 2017 00:05

Tgt Ion:	202	Resp:	1982
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	30.3
203	20.8	0.0	39.5





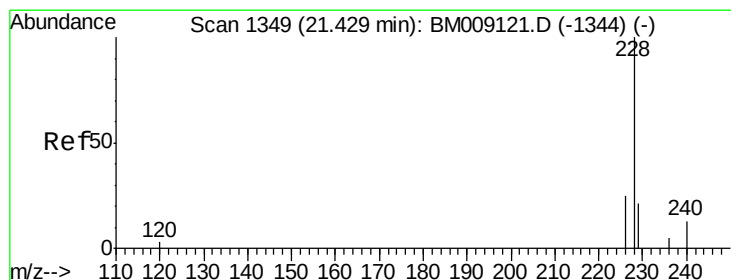
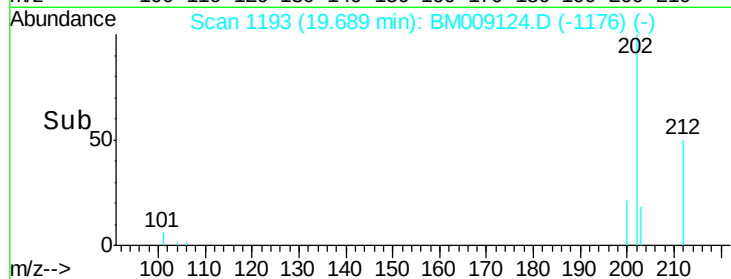
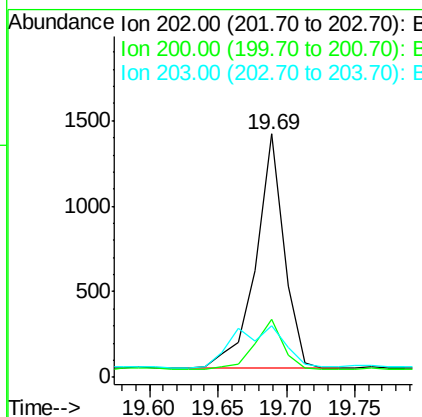
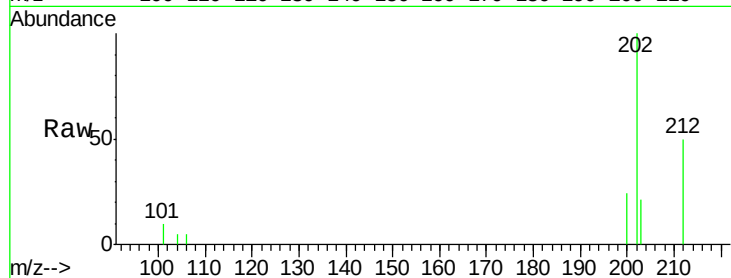
#17
 Pyrene
 Concen: 0.41 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM009124.D
 Acq: 09 Mar 2017 00:05

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.2	27.4
203	21.4	15.6	23.4

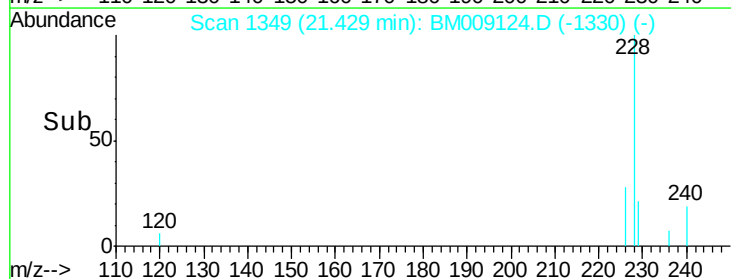
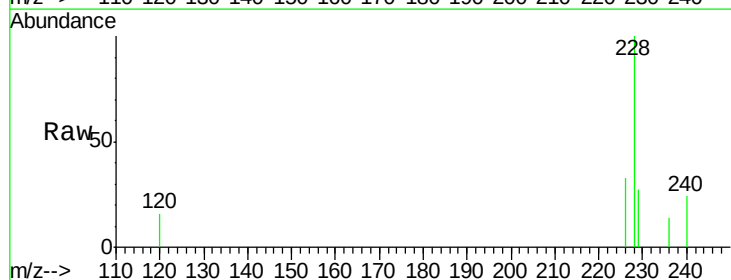
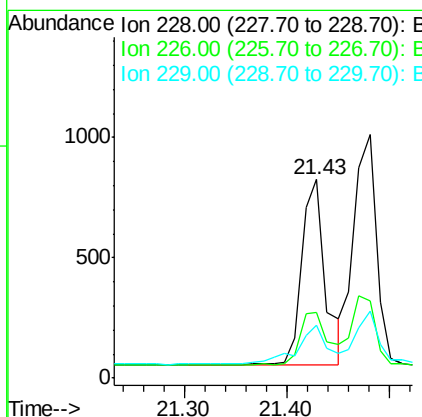
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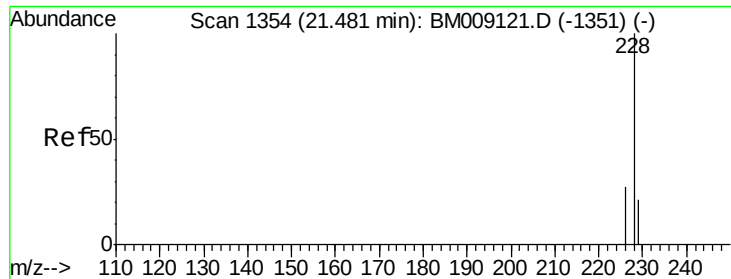
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#18
 Benzo(a)anthracene
 Concen: 0.27 ng/ul
 RT: 21.43 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BM009124.D
 Acq: 09 Mar 2017 00:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.8	34.2
229	26.9	17.0	25.6#





#19

Chrysene

Concen: 0.34 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM009124.D

Acq: 09 Mar 2017 00:05

Instrument :

BNA_M

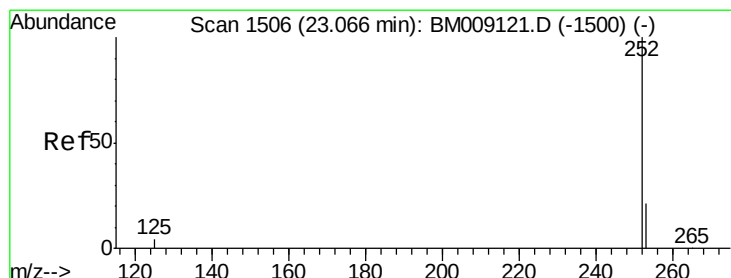
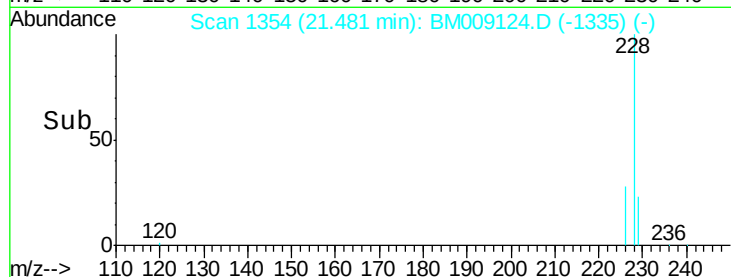
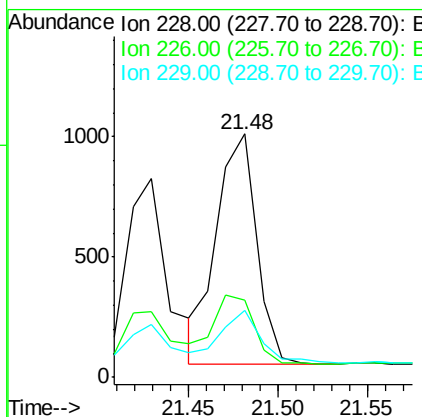
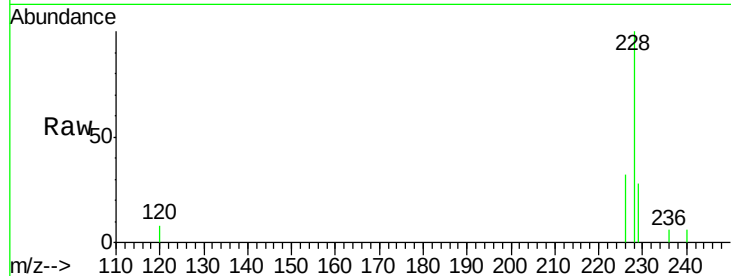
ClientSampleId :

C0AK5

Tgt Ion:	228	Resp:	1482
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.4	35.0
229	27.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.44 ng/ul m

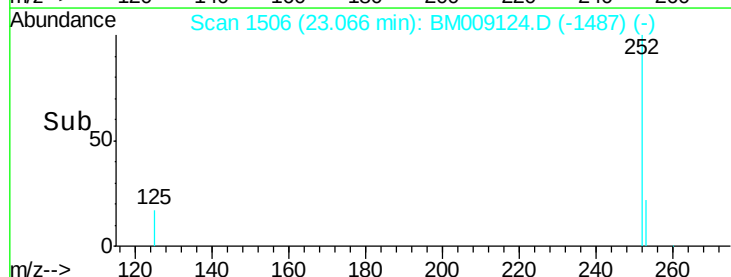
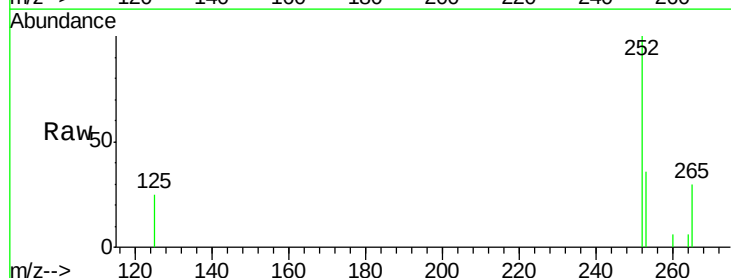
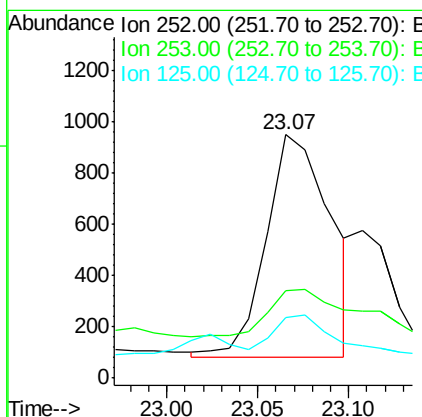
RT: 23.07 min Scan# 1506

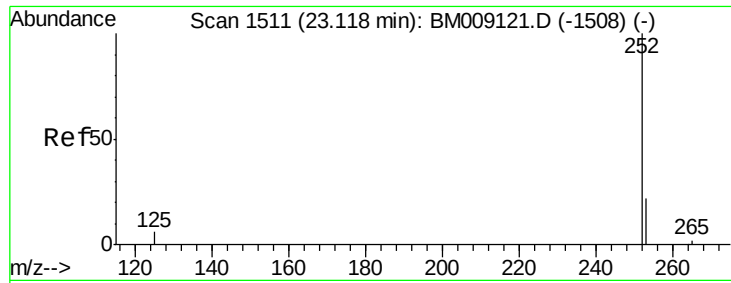
Delta R.T. 0.00 min

Lab File: BM009124.D

Acq: 09 Mar 2017 00:05

Tgt Ion:	252	Resp:	2158
Ion Ratio	Lower	Upper	
252	100		
253	35.8	0.0	64.2
125	24.7	0.0	35.0





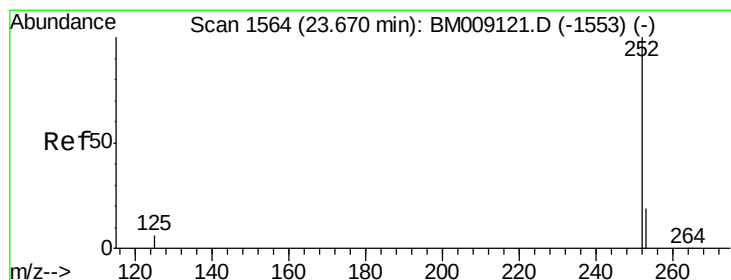
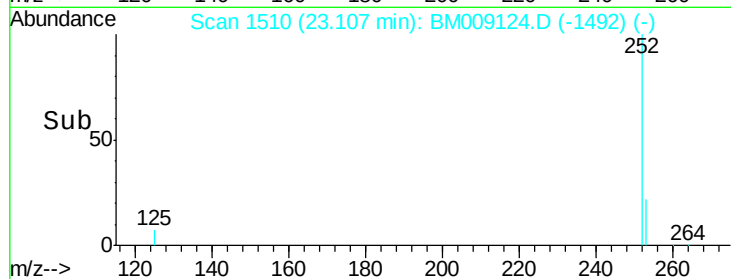
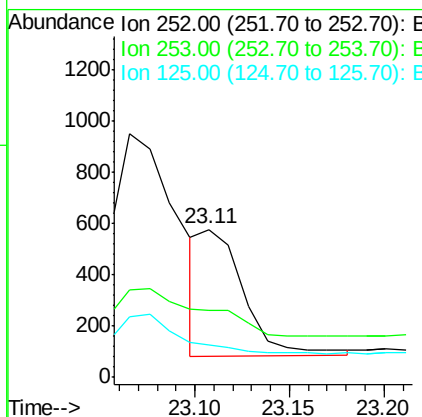
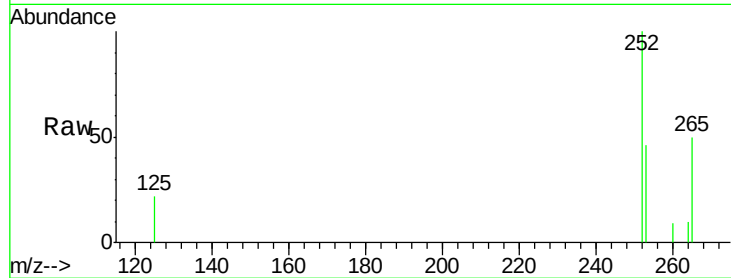
#22
Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009124.D
Acq: 09 Mar 2017 00:05

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.6	24.5	36.7#
125	22.2	13.7	20.5#

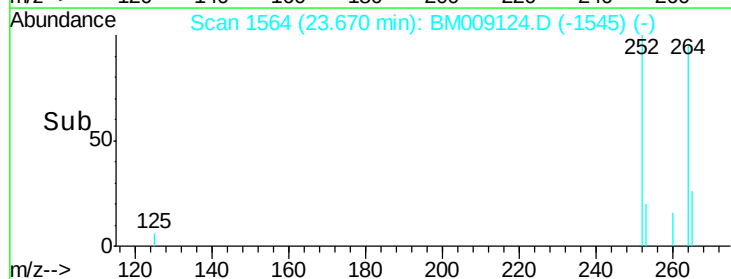
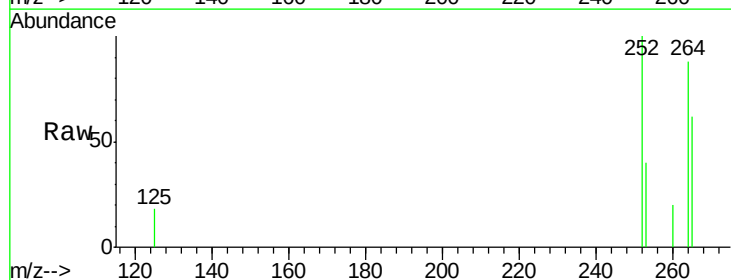
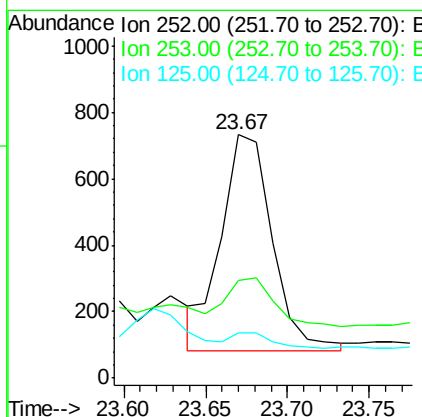
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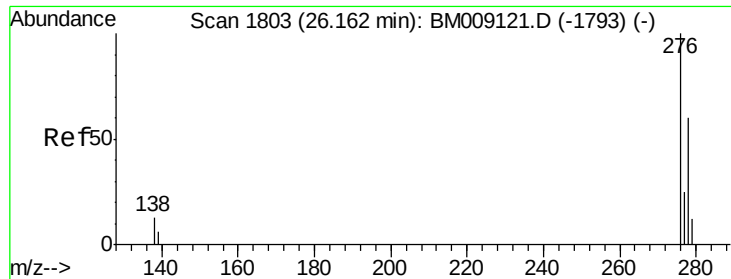
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#23
Benzo(a)pyrene
Concen: 0.32 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009124.D
Acq: 09 Mar 2017 00:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.1	28.5	42.7
125	18.4	18.1	27.1





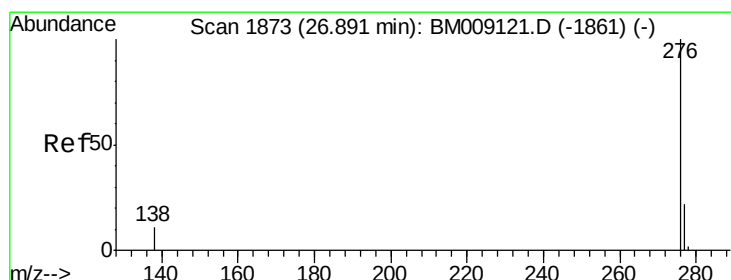
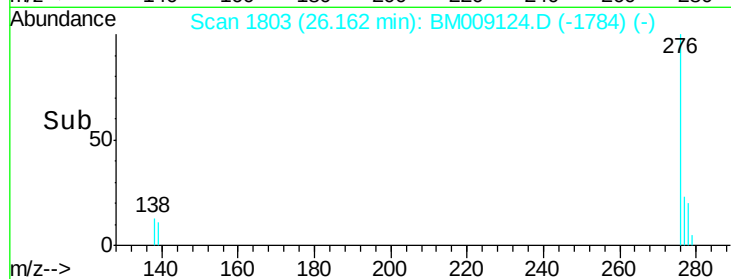
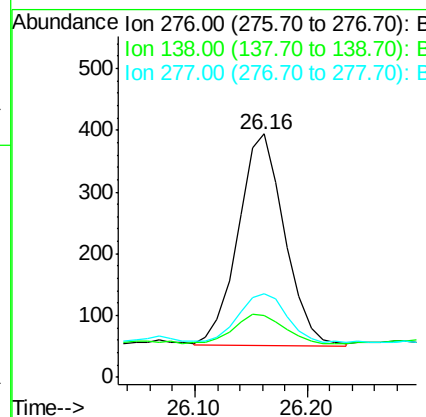
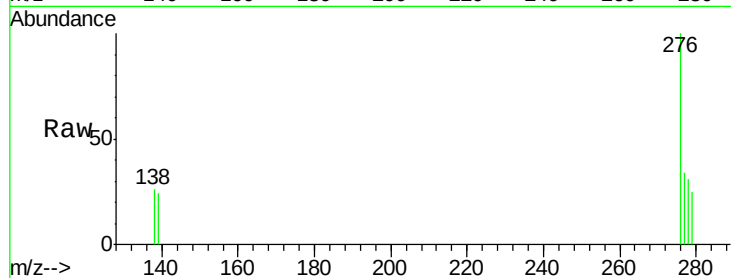
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.18 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BM009124.D
 Acq: 09 Mar 2017 00:05

Instrument :
 BNA_M
 ClientSampled :
 C0AK5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	992		
138	5.0		19.1	28.7#
277	1.1		19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.18 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BM009124.D
 Acq: 09 Mar 2017 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	879		
277	38.3		21.8	32.8#
138	26.6		20.5	30.7

