

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009123.D
 Acq On : 08 Mar 2017 23:29
 Operator : SJ/MA
 Sample : I2062-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK4

Manual Integrations
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Quant Time: Mar 09 02:57:17 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	266	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	849	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	495	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1140m	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	1189	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1120m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	235	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	636	0.18	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	102	0.04	ng/ul#	10
12) Phenanthrene	17.31	178	491m	0.14	ng/ul	
13) Anthracene	17.40	178	162	0.05	ng/ul#	37
15) Fluoranthene	19.33	202	1581	0.34	ng/ul	96
17) Pyrene	19.69	202	1572	0.38	ng/ul	95
18) Benzo(a)anthracene	21.43	228	1153	0.29	ng/ul#	92
19) Chrysene	21.48	228	1008	0.27	ng/ul#	89
21) Benzo(b)fluoranthene	23.07	252	1551m	0.35	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	584m	0.15	ng/ul	
23) Benzo(a)pyrene	23.68	252	1188m	0.30	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.16	276	649m	0.13	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	618m	0.14	ng/ul	

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

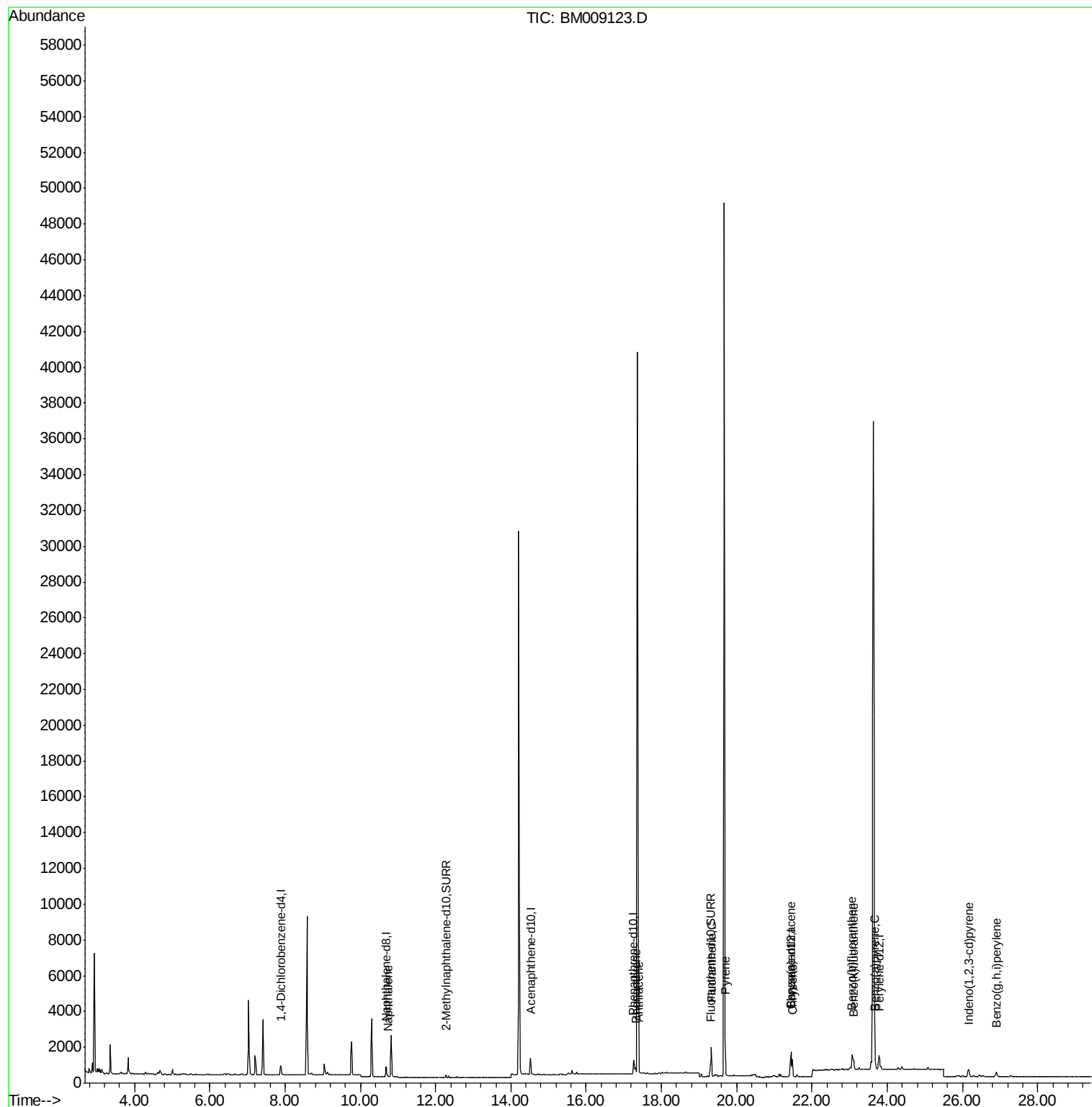
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009123.D
Acq On : 08 Mar 2017 23:29
Operator : SJ/MA
Sample : I2062-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

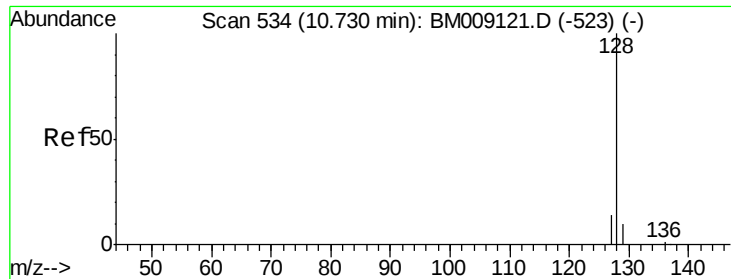
Instrument :
BNA_M
ClientSampleId :
C0AK4

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





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009123.D

Acq: 08 Mar 2017 23:29

Instrument :

BNA_M

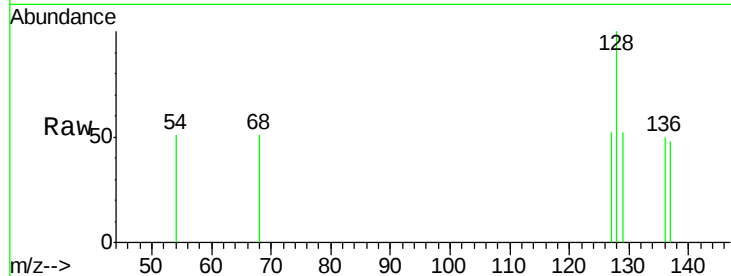
ClientSampled :

C0AK4

Tgt Ion:	128	Resp:	102
Ion Ratio	Lower	Upper	
128	100		
129	52.5	11.3	16.9#
127	52.5	12.8	19.2#

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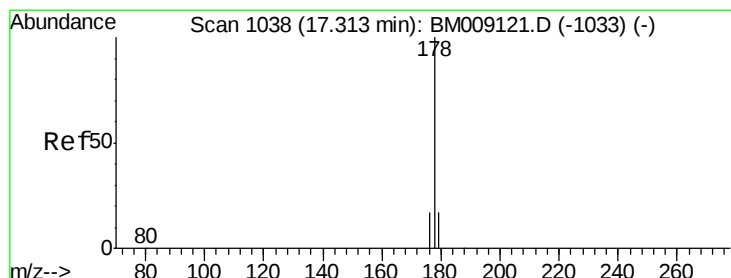
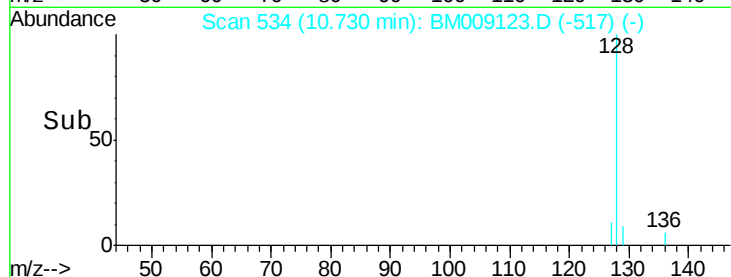
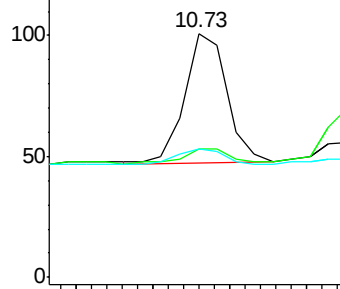
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#12

Phenanthrene

Concen: 0.14 ng/ul m

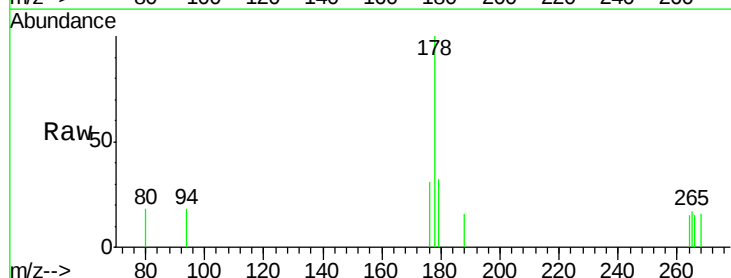
RT: 17.31 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BM009123.D

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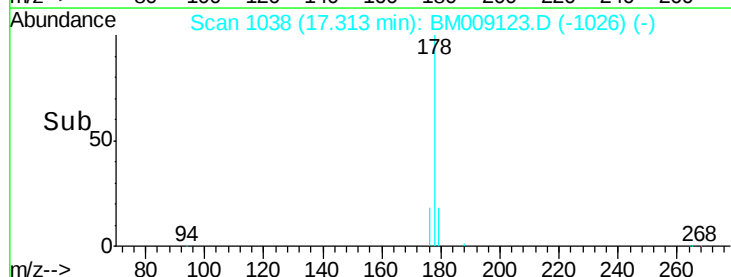
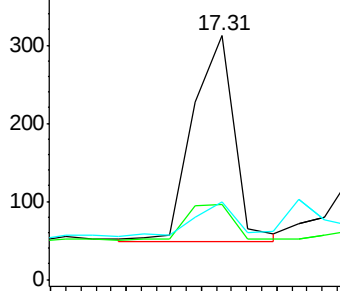
Tgt Ion:	178	Resp:	491
Ion Ratio	Lower	Upper	
178	100		
176	30.8	18.4	27.6#
179	32.1	13.6	20.4#

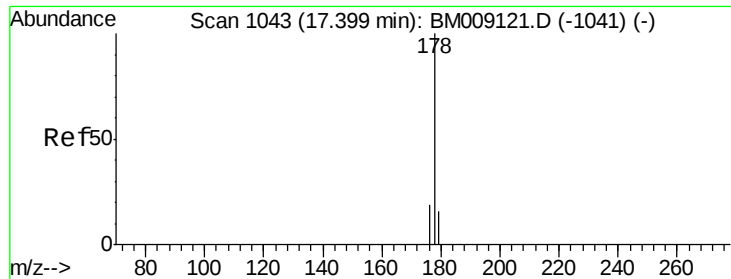


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009123.D

Acq: 08 Mar 2017 23:29

Instrument :

BNA_M

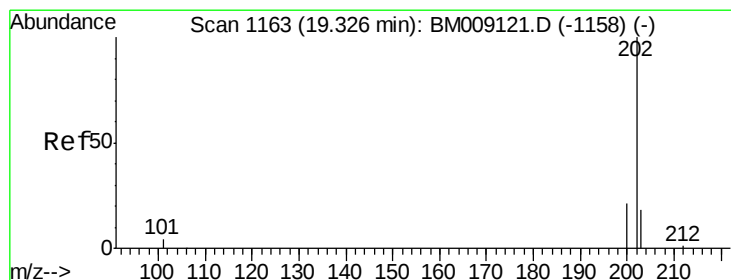
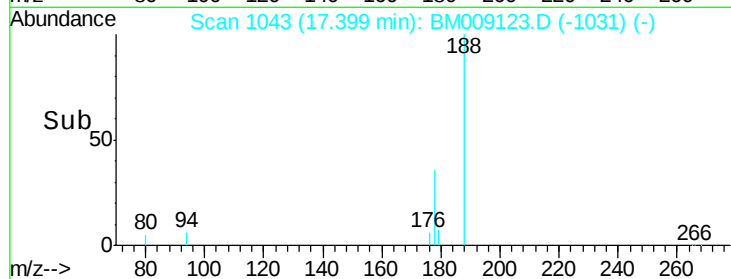
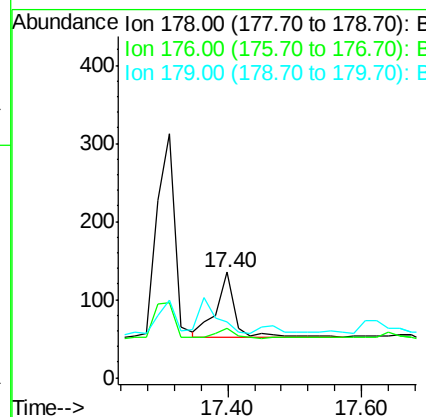
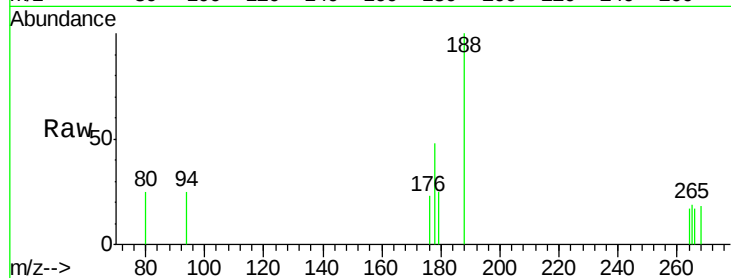
ClientSampleId :

C0AK4

Tgt Ion:	178	Resp:	162
Ion Ratio	Lower	Upper	
178	100		
176	47.4	18.1	27.1#
179	52.6	14.7	22.1#

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#15

Fluoranthene

Concen: 0.34 ng/ul

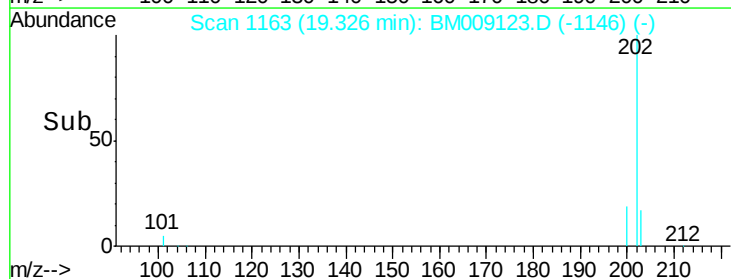
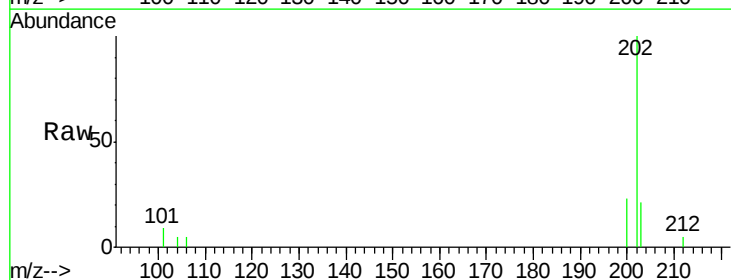
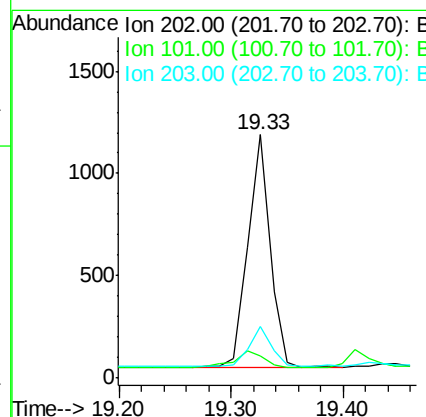
RT: 19.33 min Scan# 1163

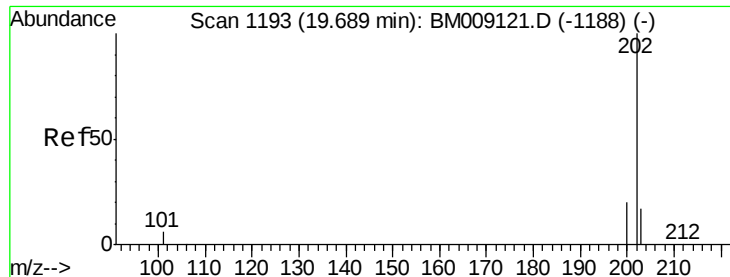
Delta R.T. -0.00 min

Lab File: BM009123.D

Acq: 08 Mar 2017 23:29

Tgt Ion:	202	Resp:	1581
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	30.3
203	21.4	0.0	39.5





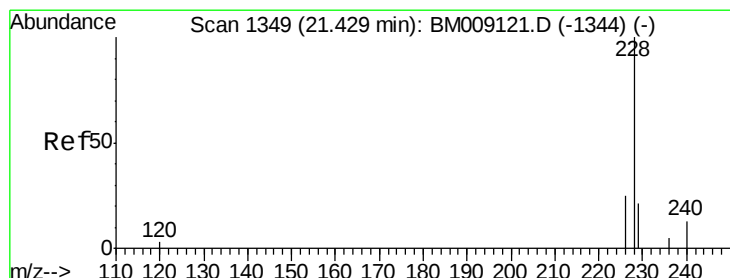
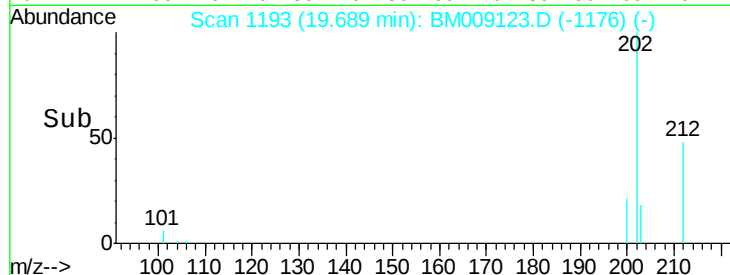
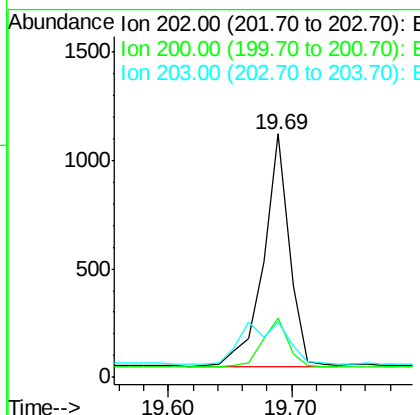
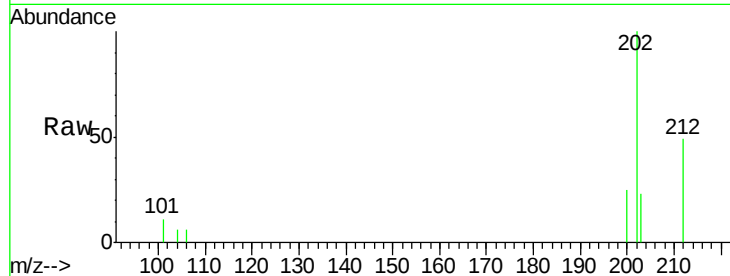
#17
 Pyrene
 Concen: 0.38 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM009123.D
 Acq: 08 Mar 2017 23:29

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	202	Resp:	1572
Ion Ratio	Lower	Upper	
202	100		
200	24.6	18.2	27.4
203	22.9	15.6	23.4

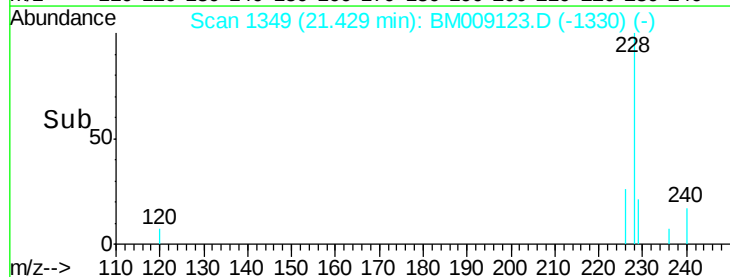
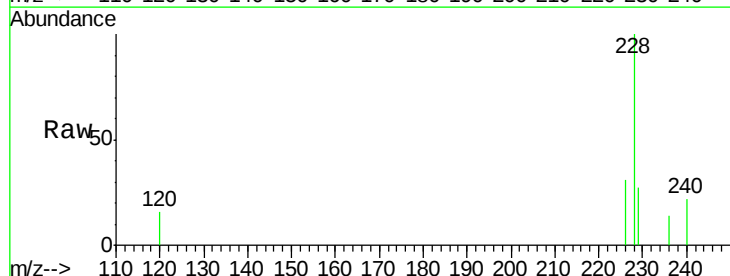
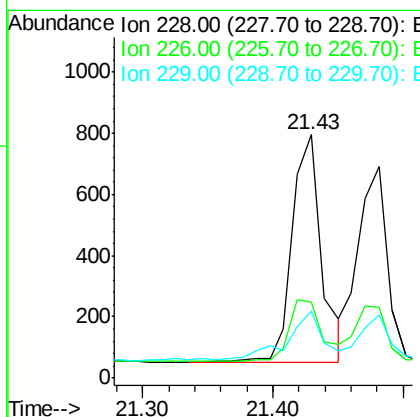
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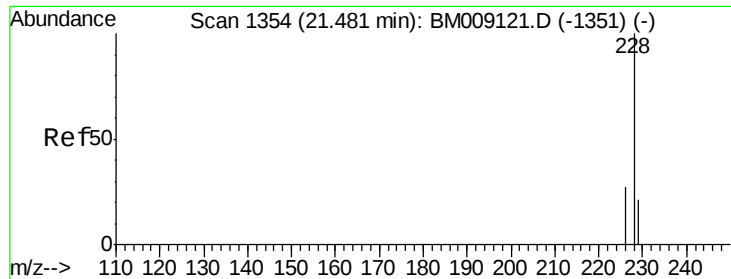
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#18
 Benzo(a)anthracene
 Concen: 0.29 ng/ul
 RT: 21.43 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BM009123.D
 Acq: 08 Mar 2017 23:29

Tgt Ion:	228	Resp:	1153
Ion Ratio	Lower	Upper	
228	100		
226	31.0	22.8	34.2
229	27.3	17.0	25.6#





#19

Chrysene

Concen: 0.27 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BM009123.D

Acq: 08 Mar 2017 23:29

Instrument :

BNA_M

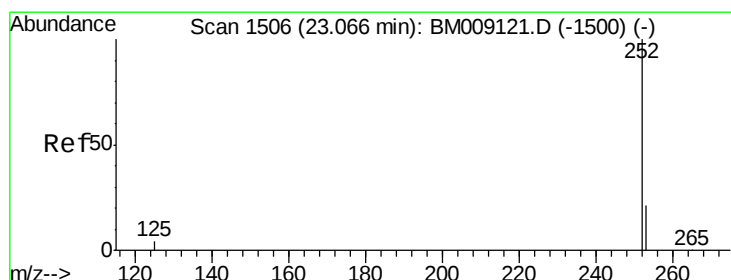
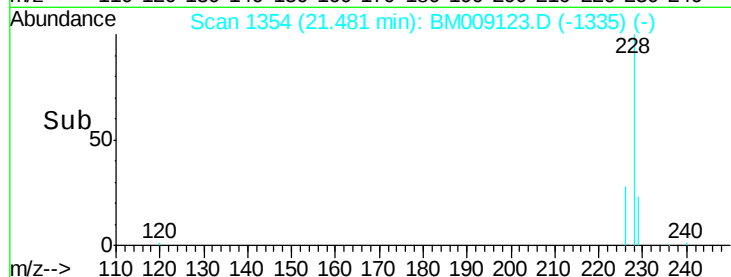
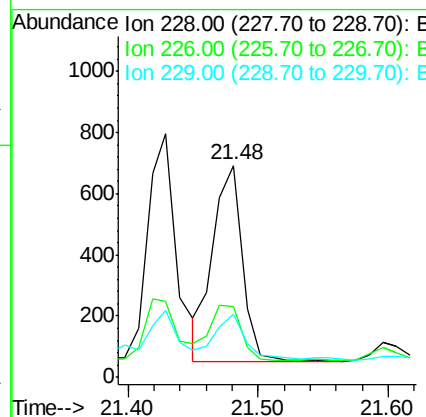
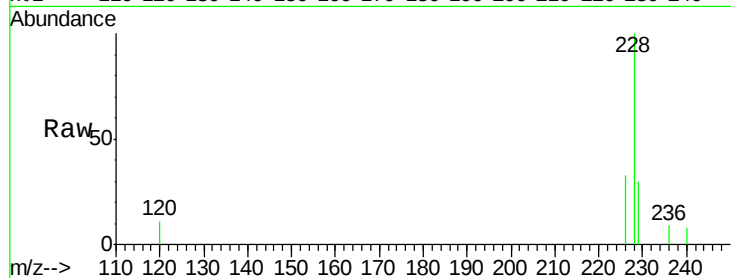
ClientSampled :

C0AK4

Tgt Ion:	228	Resp:	1008
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.4	35.0
229	29.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.35 ng/ul m

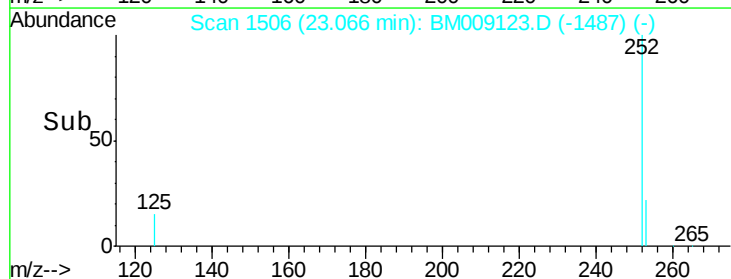
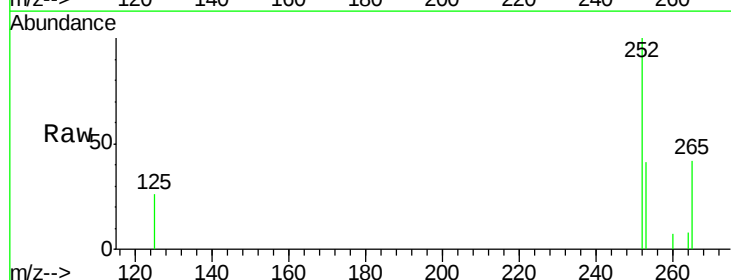
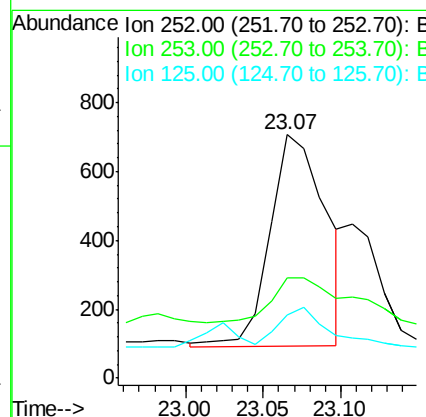
RT: 23.07 min Scan# 1506

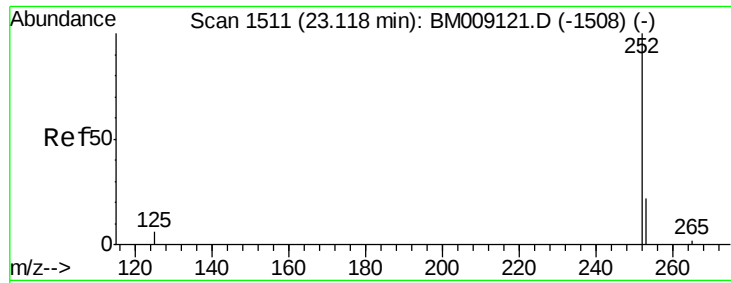
Delta R.T. -0.00 min

Lab File: BM009123.D

Acq: 08 Mar 2017 23:29

Tgt Ion:	252	Resp:	1551
Ion Ratio	Lower	Upper	
252	100		
253	41.0	0.0	64.2
125	26.0	0.0	35.0





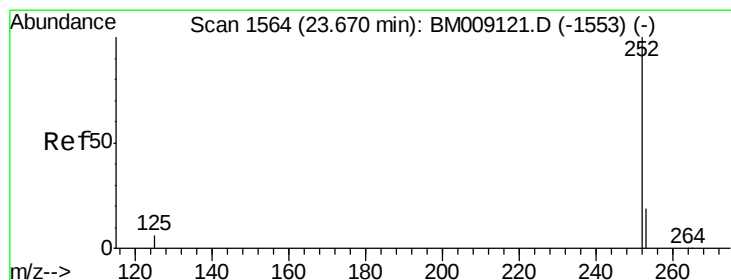
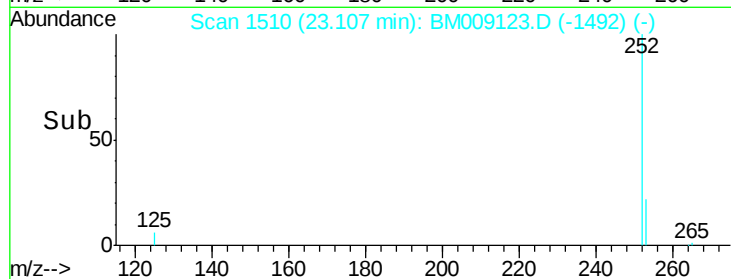
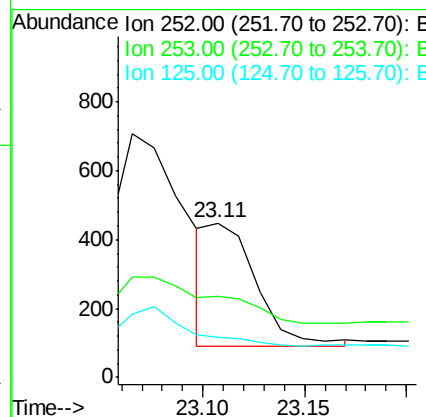
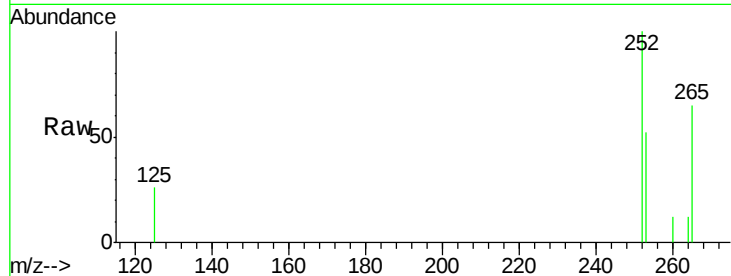
#22
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009123.D
Acq: 08 Mar 2017 23:29

Instrument :
BNA_M
ClientSampleId :
C0AK4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.3	24.5	36.7#
125	26.1	13.7	20.5#

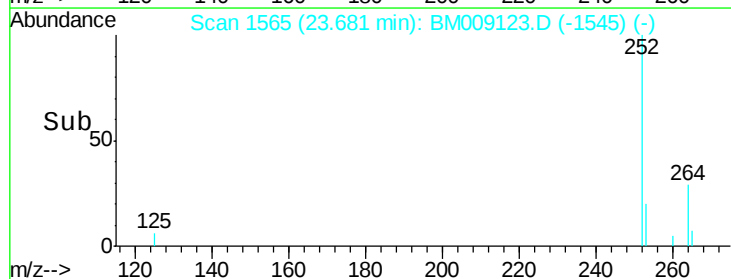
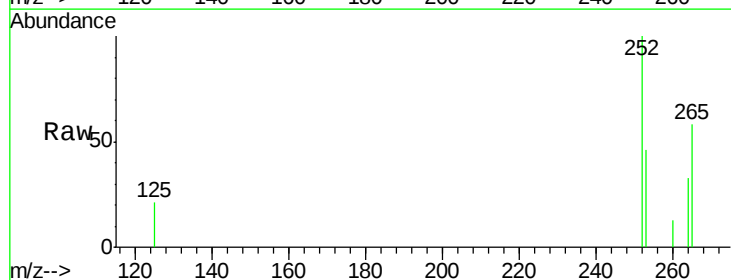
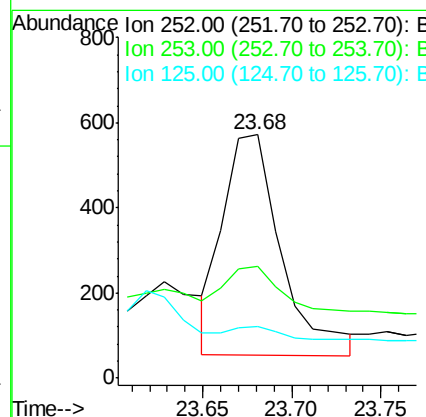
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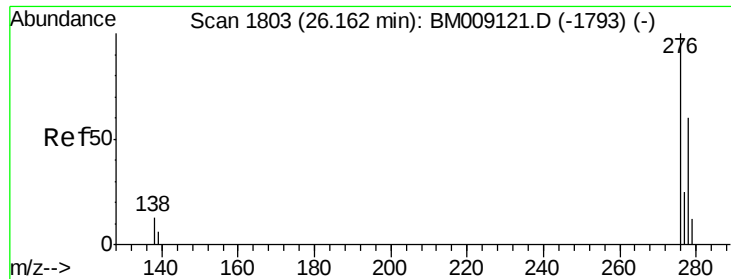
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#23
Benzo(a)pyrene
Concen: 0.30 ng/ul m
RT: 23.68 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM009123.D
Acq: 08 Mar 2017 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.0	28.5	42.7#
125	21.0	18.1	27.1





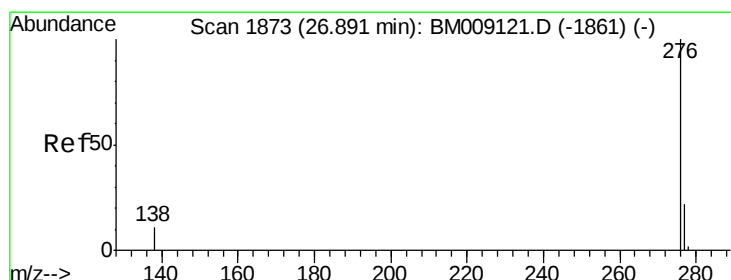
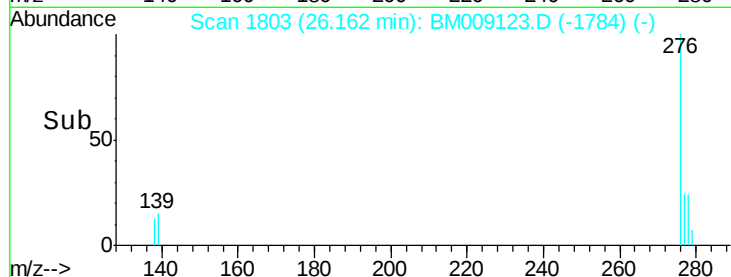
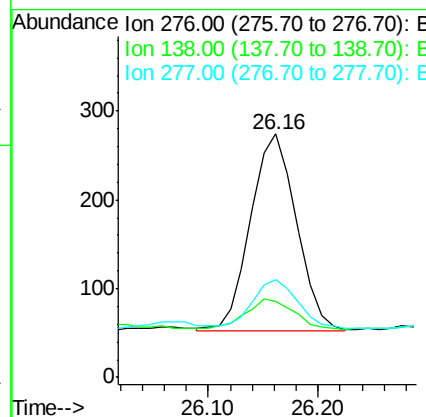
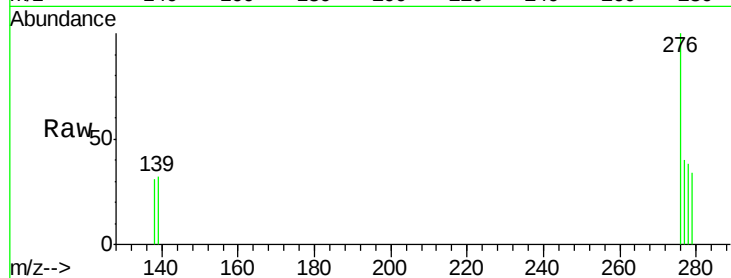
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.13 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: BM009123.D
 Acq: 08 Mar 2017 23:29

Instrument :
 BNA_M
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.14 ng/ul m
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009123.D
 Acq: 08 Mar 2017 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	41.4	21.8	32.8#
138	31.0	20.5	30.7#

