

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
 Data File : BM009171.D
 Acq On : 10 Mar 2017 12:11
 Operator : SJ/MA
 Sample : I2107-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL0

Manual Integrations
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Quant Time: Mar 10 16:37:29 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 15:19:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	228	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	724	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	423	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	928m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1064	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	963m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	200	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	554	0.19	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	282	0.14	ng/ul#	59
5) 2-Methylnaphthalene	12.34	142	231	0.15	ng/ul	100
12) Phenanthrene	17.30	178	426m	0.15	ng/ul	
15) Fluoranthene	19.33	202	793	0.21	ng/ul	87
17) Pyrene	19.69	202	805	0.22	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	409	0.12	ng/ul#	75
19) Chrysene	21.47	228	528	0.16	ng/ul#	77
21) Benzo(b)fluoranthene	23.07	252	712m	0.19	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	243m	0.07	ng/ul	
23) Benzo(a)pyrene	23.67	252	471m	0.14	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	328m	0.08	ng/ul	
26) Benzo(g,h,i)perylene	26.88	276	287m	0.08	ng/ul	

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

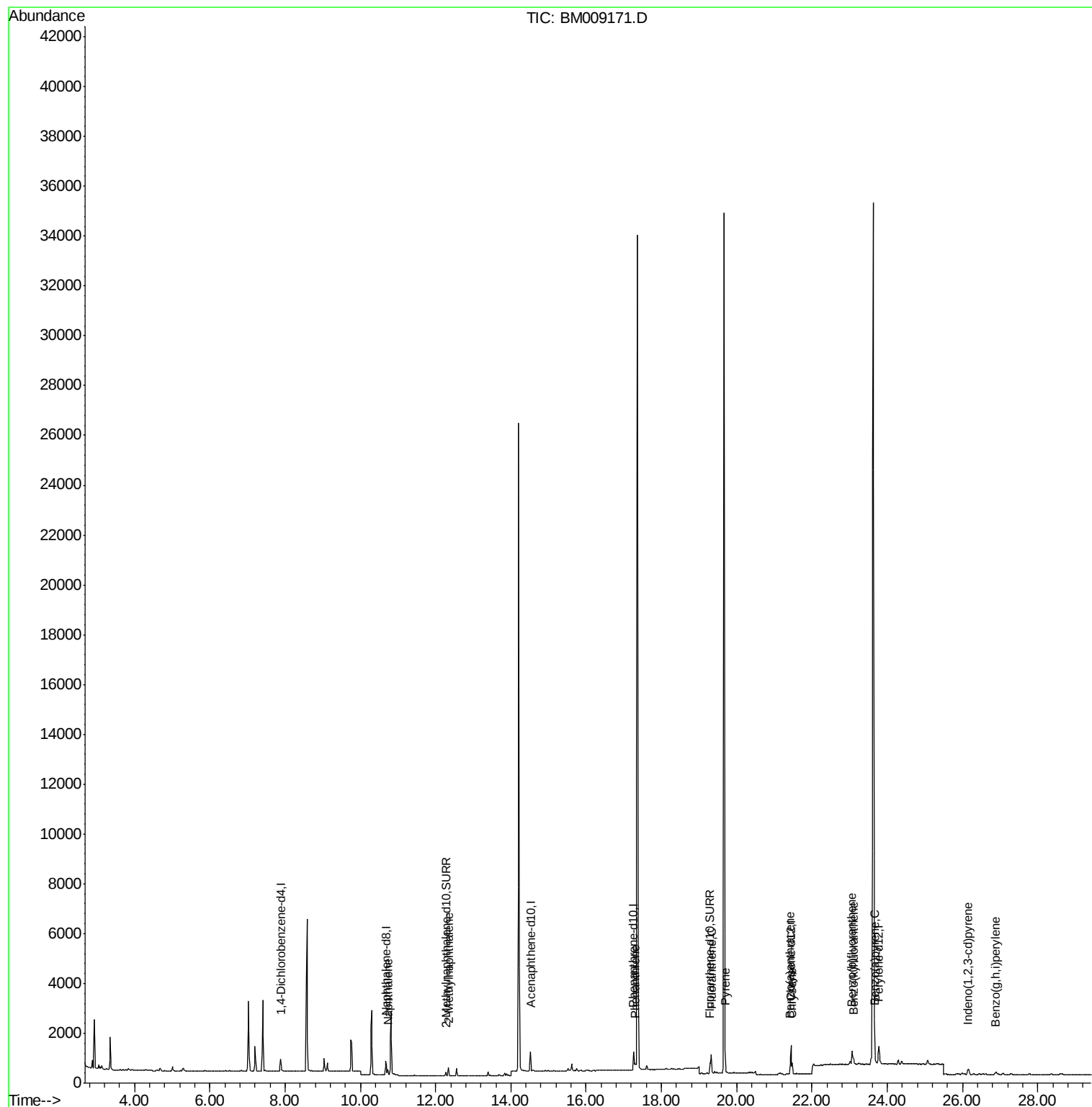
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
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Sample : I2107-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

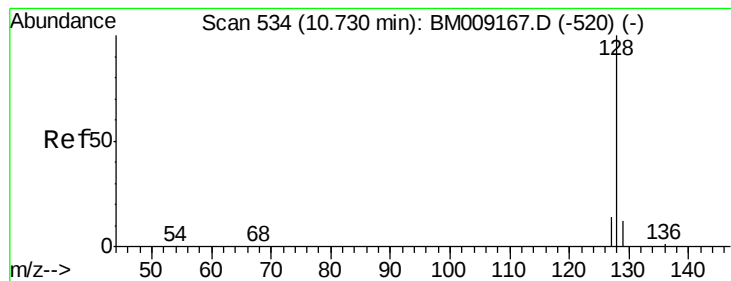
Instrument :
BNA_M
ClientSampleId :
C0AL0

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#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Instrument :

BNA_M

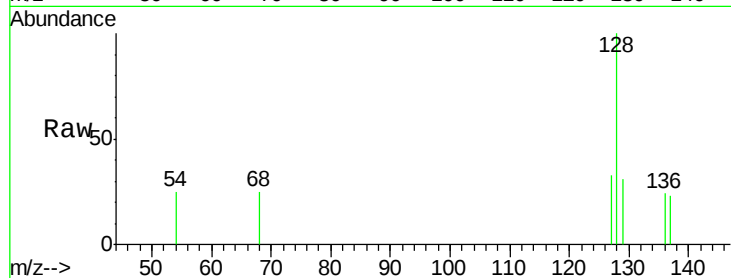
ClientSampleId :

COAL0

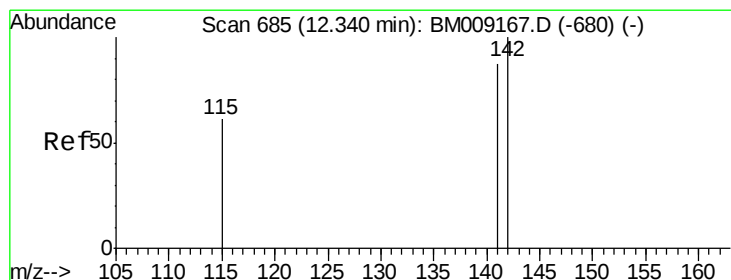
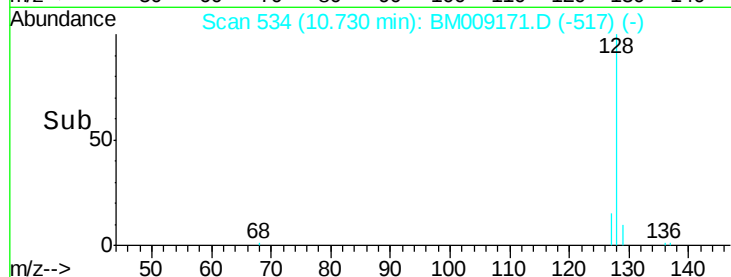
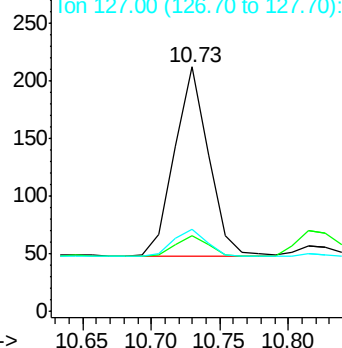
Tgt Ion:	128	Resp:	282
Ion Ratio	Lower	Upper	
128	100		
129	30.7	11.3	16.9#
127	33.5	12.8	19.2#

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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: 0.15 ng/ul

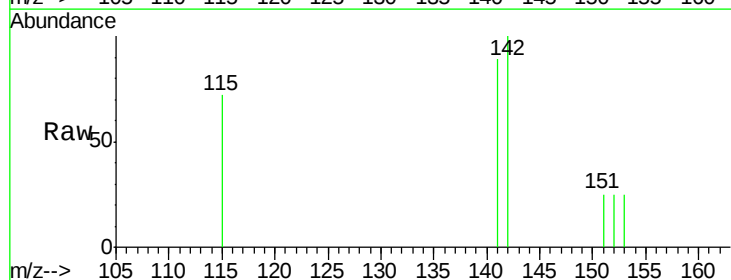
RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

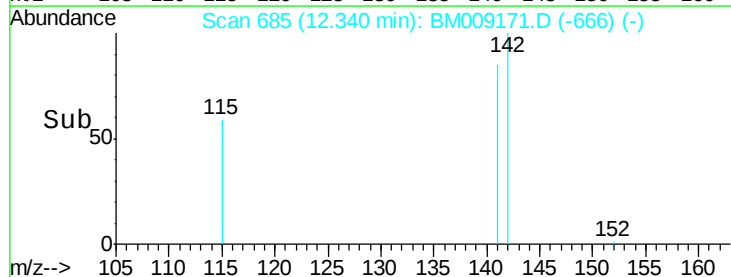
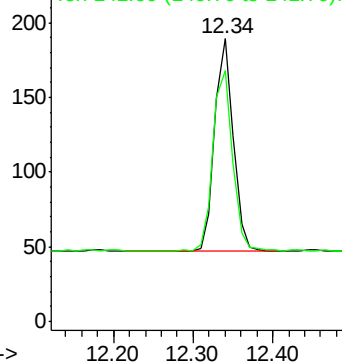
Lab File: BM009171.D

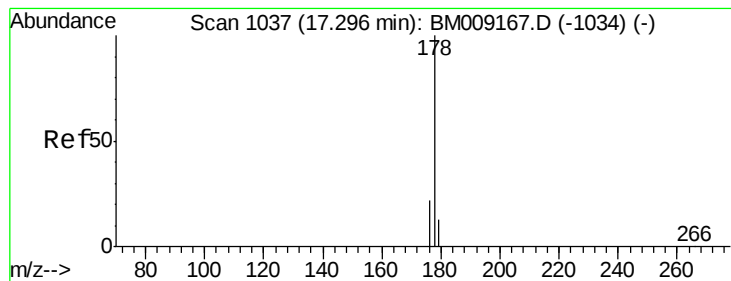
Acq: 10 Mar 2017 12:11

Tgt Ion:	142	Resp:	231
Ion Ratio	Lower	Upper	
142	100		
141	90.9	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.15 ng/ul m

RT: 17.30 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Instrument :

BNA_M

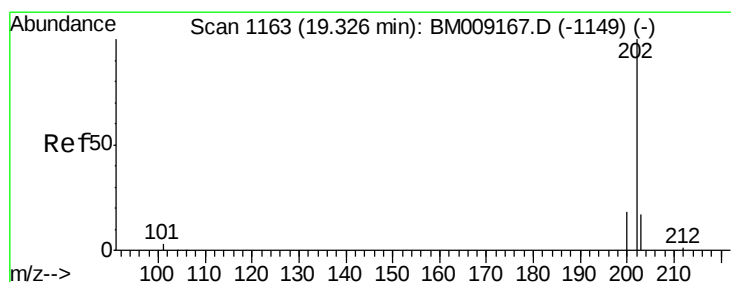
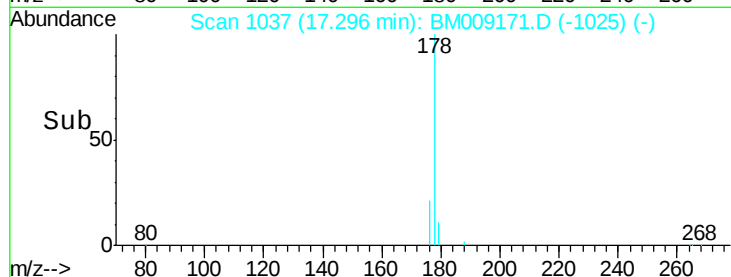
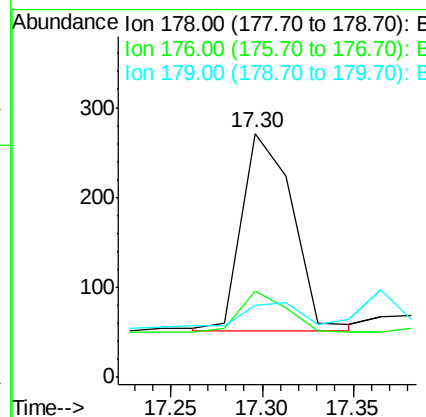
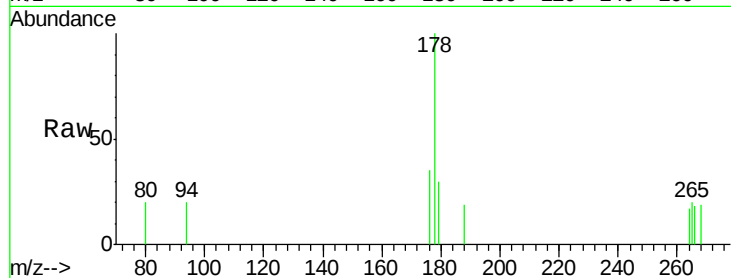
ClientSampleId :

COAL0

Tgt Ion:	178	Resp:	426
Ion Ratio	Lower	Upper	
178	100		
176	35.4	18.4	27.6#
179	29.5	13.6	20.4#

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#15

Fluoranthene

Concen: 0.21 ng/ul

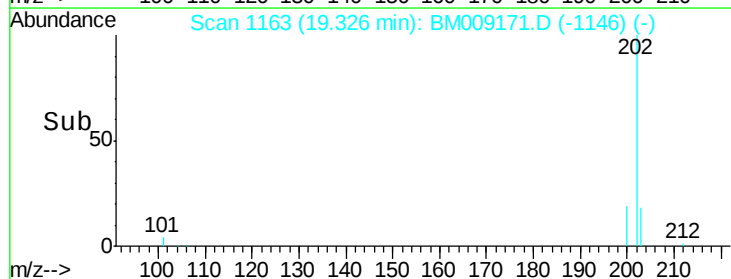
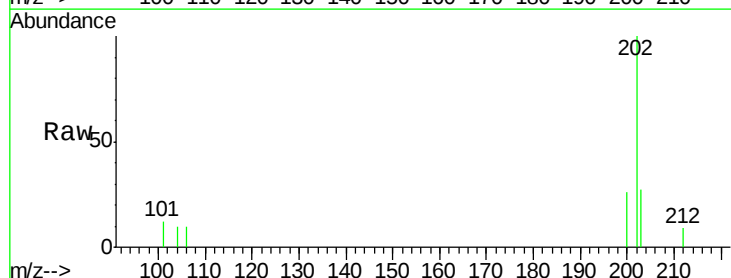
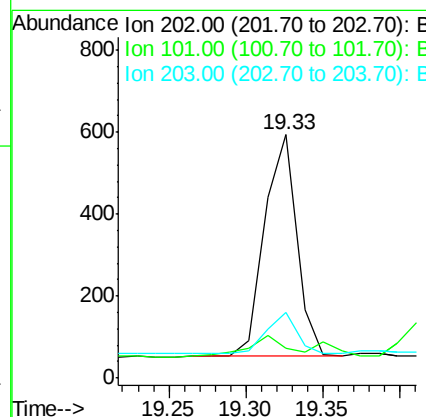
RT: 19.33 min Scan# 1163

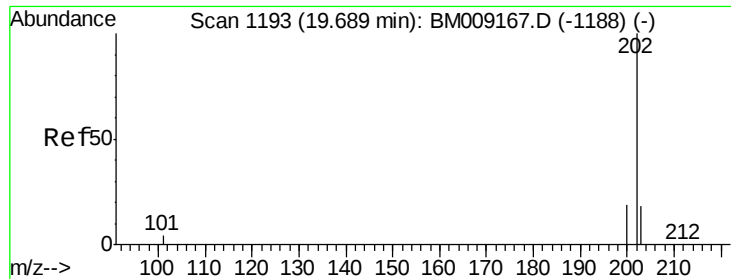
Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Tgt Ion:	202	Resp:	793
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.3
203	26.9	0.0	39.5





#17

Pyrene

Concen: 0.22 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Instrument :

BNA_M

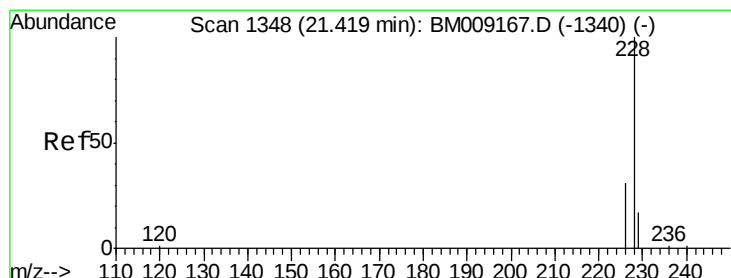
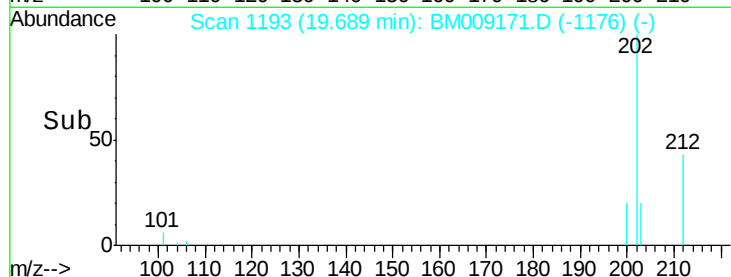
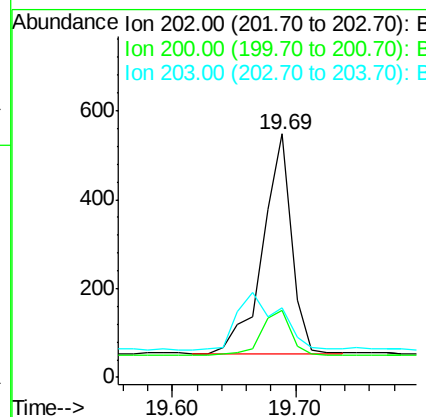
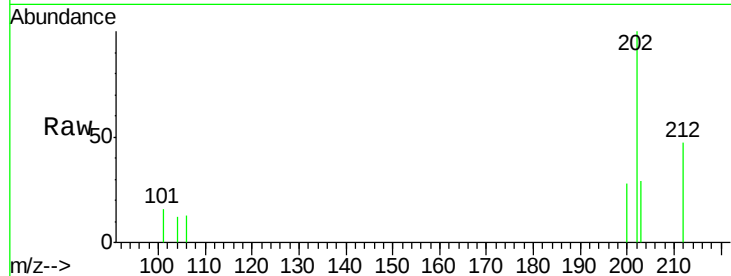
ClientSampleId :

COAL0

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.6	18.2	27.4#
203	28.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.12 ng/ul

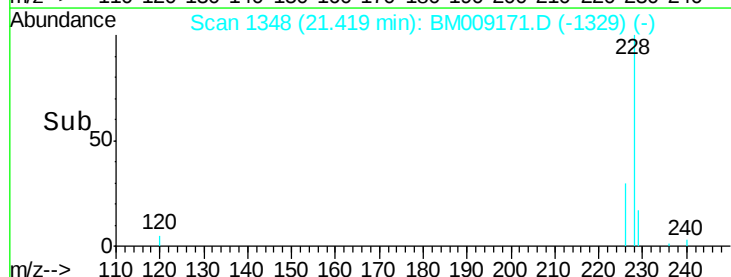
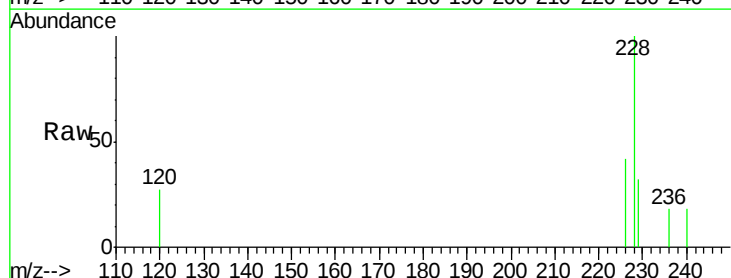
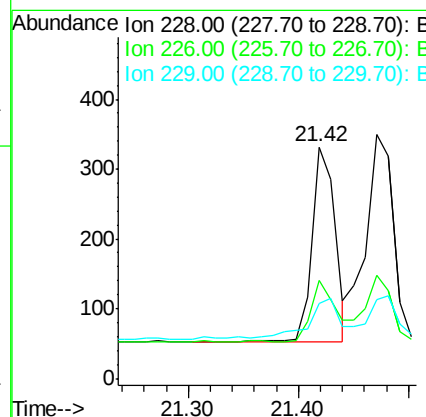
RT: 21.42 min Scan# 1348

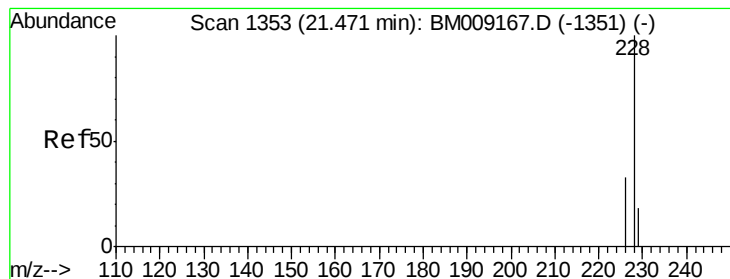
Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.5	22.8	34.2#
229	32.2	17.0	25.6#





#19

Chrysene

Concen: 0.16 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Instrument :

BNA_M

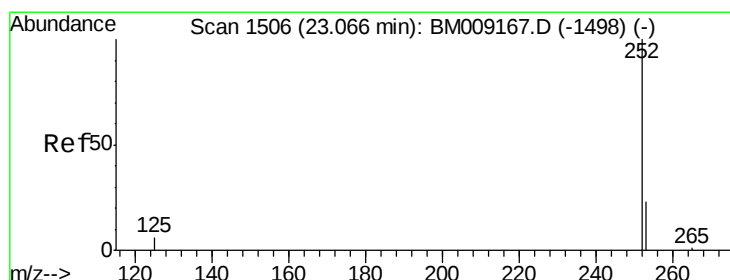
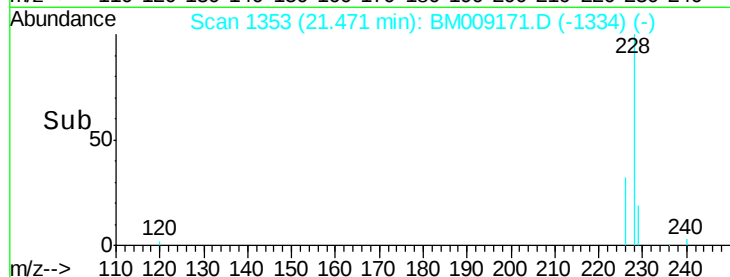
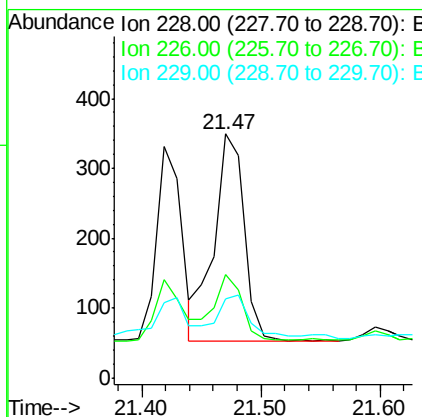
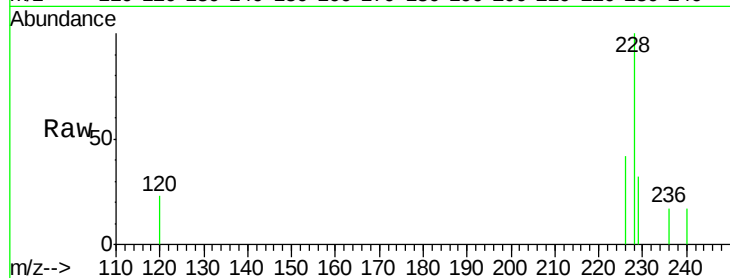
ClientSampleId :

COAL0

Tgt Ion:	228	Resp:	528
Ion Ratio	Lower	Upper	
228	100		
226	42.1	23.4	35.0#
229	32.4	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.19 ng/ul m

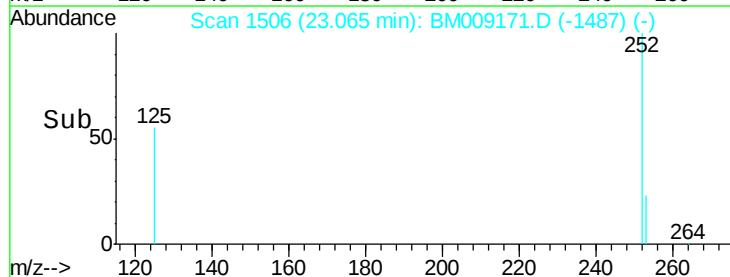
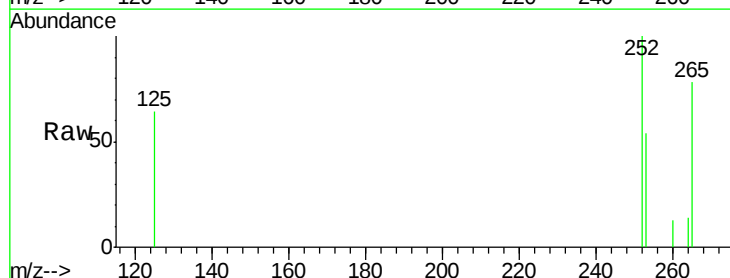
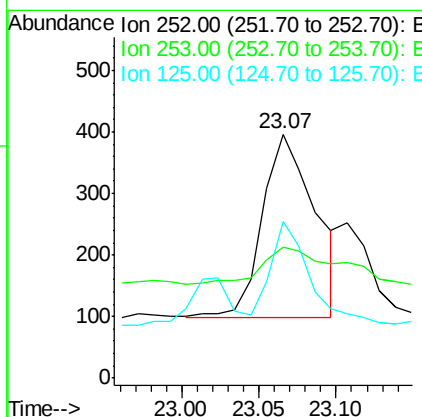
RT: 23.07 min Scan# 1506

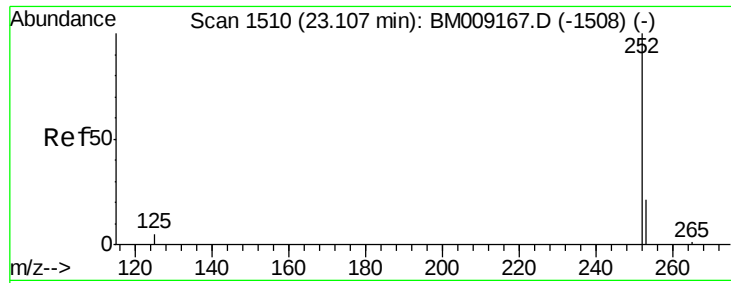
Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Tgt Ion:	252	Resp:	712
Ion Ratio	Lower	Upper	
252	100		
253	53.8	0.0	64.2
125	64.4	0.0	35.0#





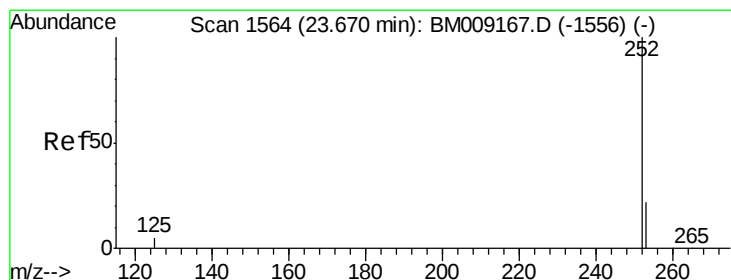
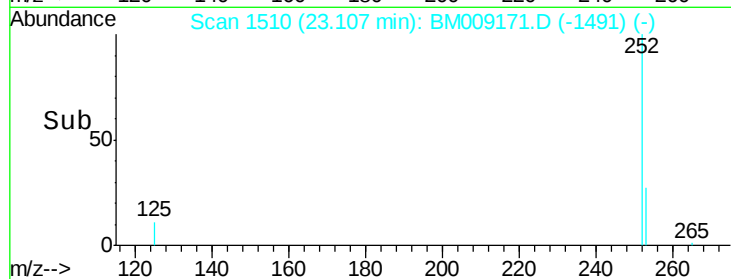
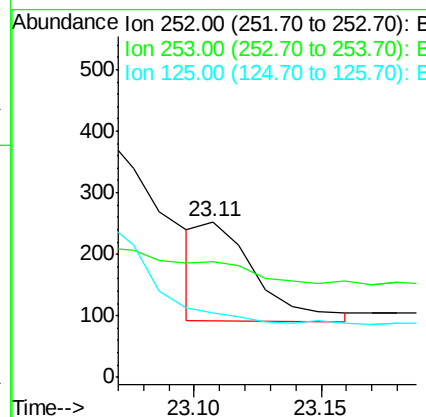
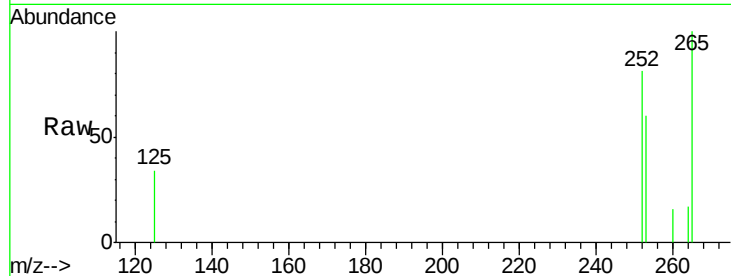
#22
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009171.D
Acq: 10 Mar 2017 12:11

Instrument :
BNA_M
ClientSampleId :
COAL0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	74.3	24.5	36.7#
125	41.5	13.7	20.5#

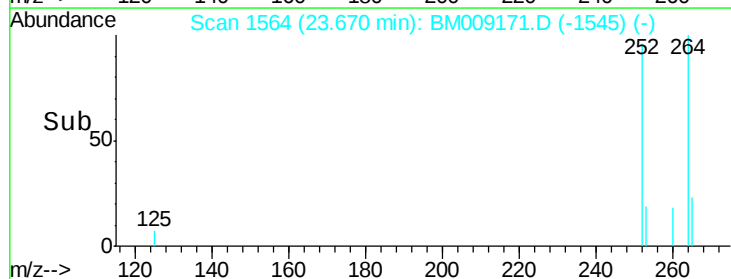
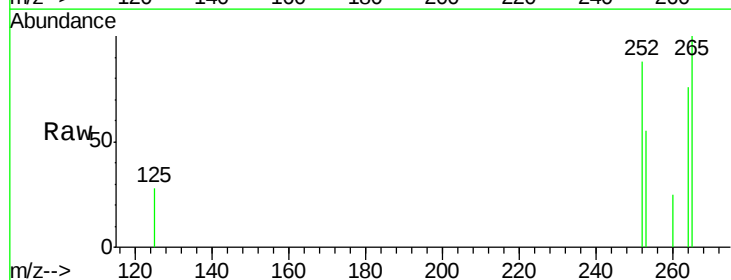
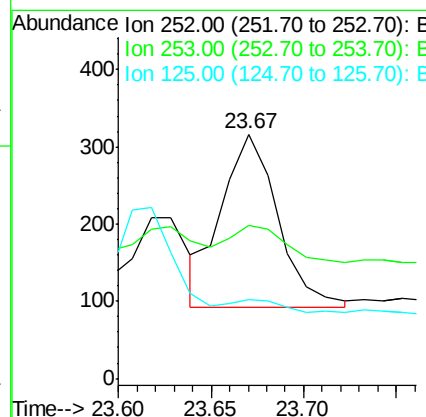
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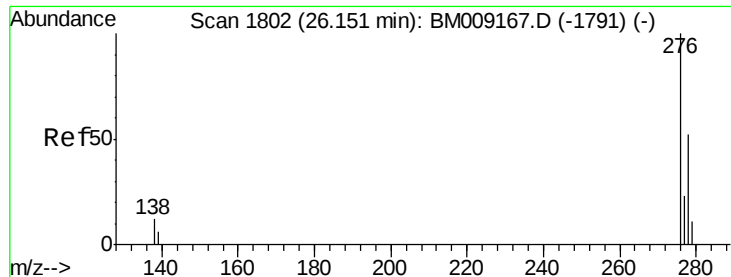
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#23
Benzo(a)pyrene
Concen: 0.14 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009171.D
Acq: 10 Mar 2017 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	62.7	28.5	42.7#
125	32.3	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul m

RT: 26.15 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Instrument :

BNA_M

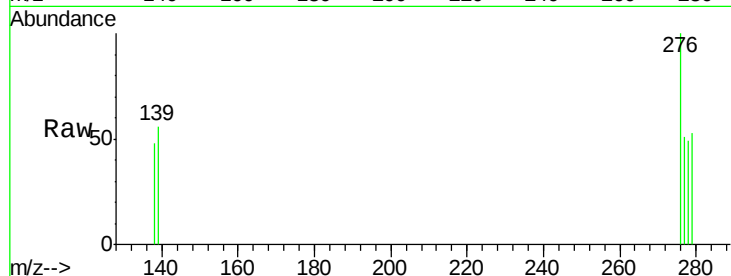
ClientSampleId :

COAL0

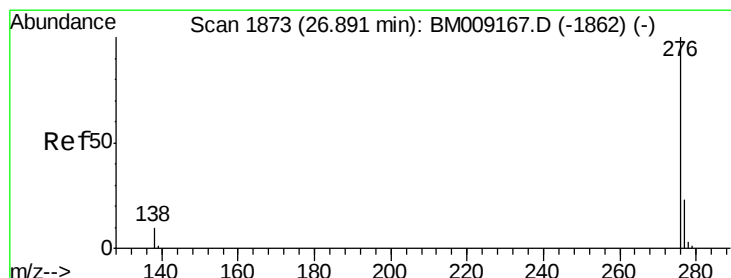
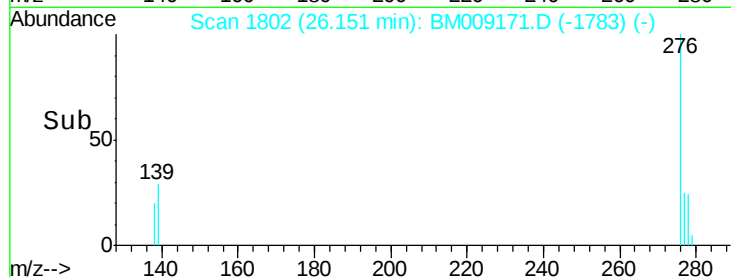
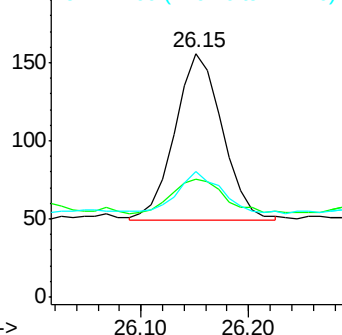
Tgt Ion:	276	Resp:	328
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul m

RT: 26.88 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM009171.D

Acq: 10 Mar 2017 12:11

Tgt Ion:	276	Resp:	287
Ion Ratio	Lower	Upper	
276	100		
277	54.8	21.8	32.8#
138	45.9	20.5	30.7#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

