

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009581.D
 Acq On : 06 Apr 2017 05:09
 Operator : SJ/MA
 Sample : I2524-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB358

Manual Integrations
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mohammad
 4/6/2017 11:39:46 AM

Quant Time: Apr 06 05:44:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	152329	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	590872	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	336720	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	775776	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1050406	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1047721	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	195571	21.53	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	776091	23.52	ng/ul	0.00
10) Fluorene-d10	15.48	176	558316	23.52	ng/ul	0.00
15) Anthracene-d10	17.33	188	882028	23.76	ng/ul	0.00
19) Pyrene-d10	19.63	212	1105708	25.62	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1171094	25.32	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	325519	7.46	ng/ul	98
16) Anthracene	17.37	178	66944	1.48	ng/ul	98
17) Fluoranthene	19.29	202	715562	13.17	ng/ul#	95
20) Pyrene	19.66	202	681375	11.91	ng/ul	94
21) Benzo(a)anthracene	21.40	228	414383	6.98	ng/ul	97
22) Chrysene	21.45	228	430106	7.90	ng/ul	94
24) Benzo(b)fluoranthene	23.03	252	641033	9.89	ng/ul	99
25) Benzo(k)fluoranthene	23.07	252	266247m	4.31	ng/ul	
27) Benzo(a)pyrene	23.63	252	464542	7.54	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	362779	5.25	ng/ul#	92
29) Dibenzo(a,h)anthracene	26.09	278	93625	1.59	ng/ul#	91
30) Benzo(a,h,i)perylene	26.82	276	326455	5.73	ng/ul#	94

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

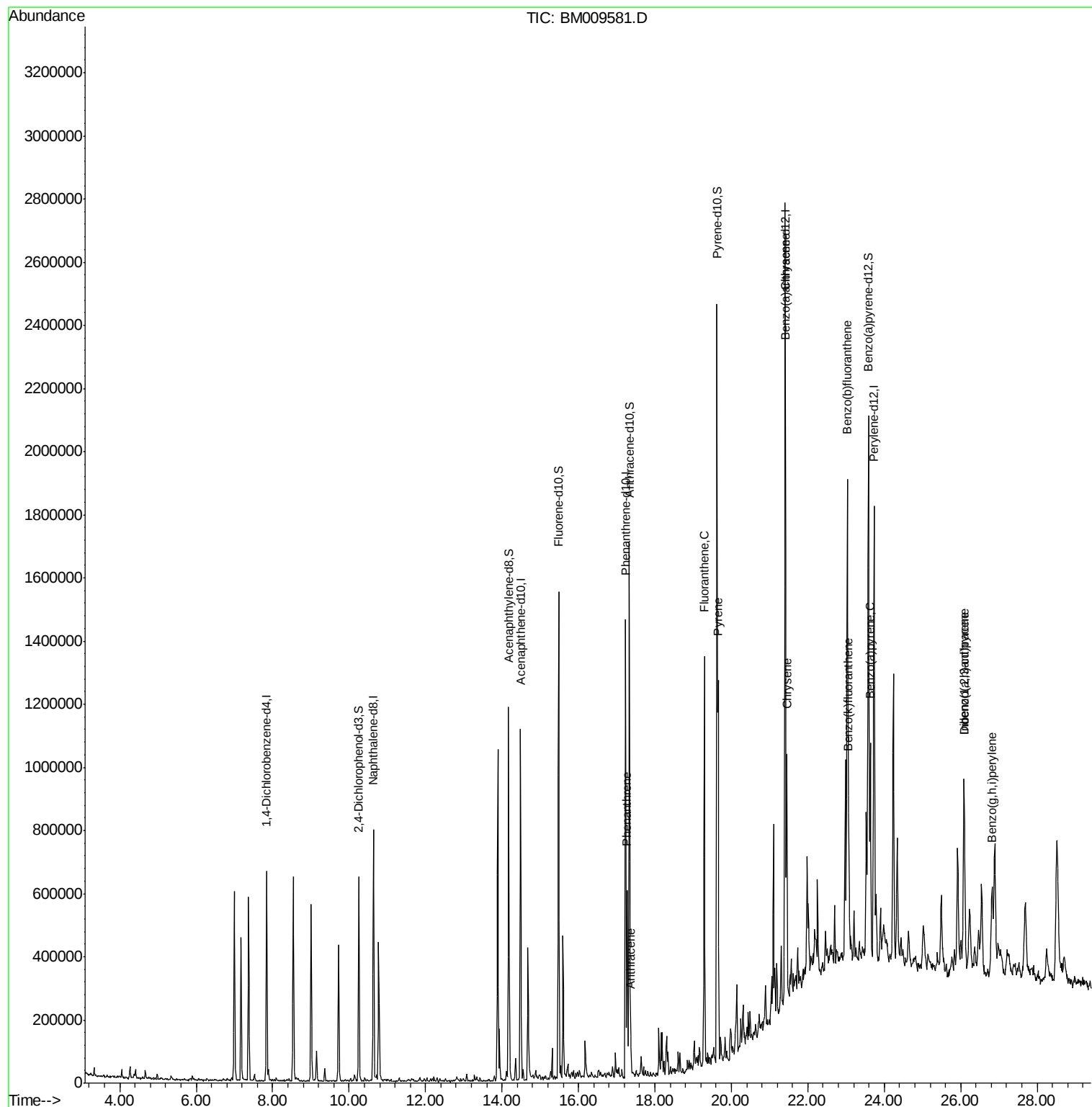
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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ALS Vial : 29 Sample Multiplier: 1

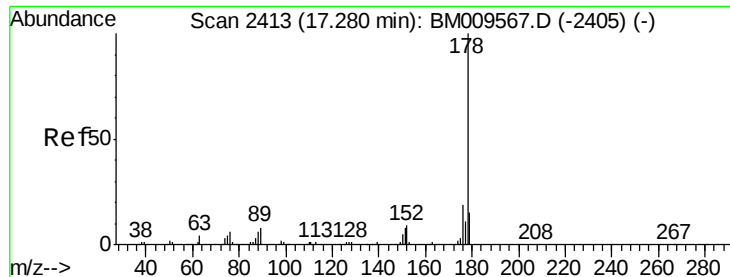
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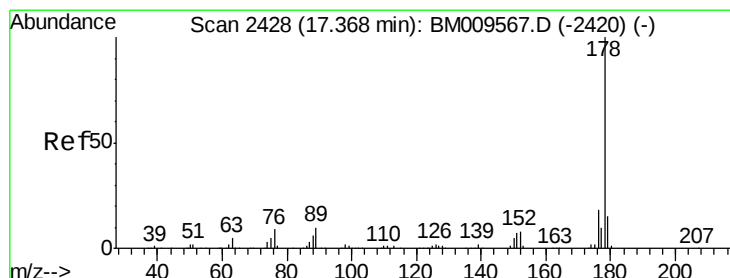
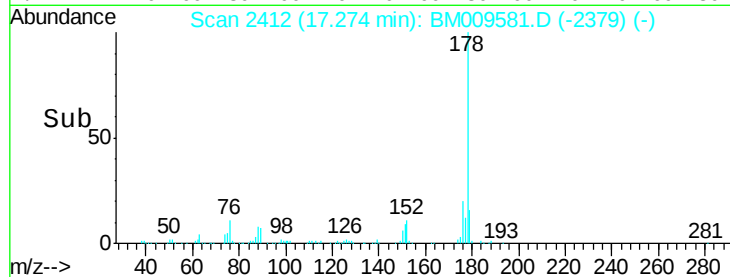
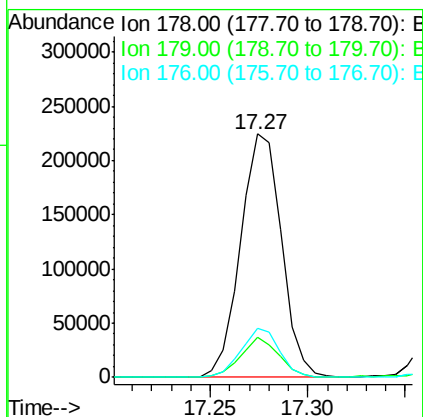
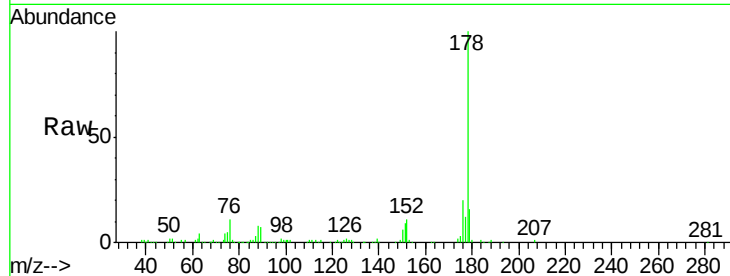
#14
Phenanthrene
Concen: 7.46 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009581.D
Acq: 06 Apr 2017 05:09

Instrument :
BNA_M
ClientSampleId :
CB358

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	19.9	16.4	24.6

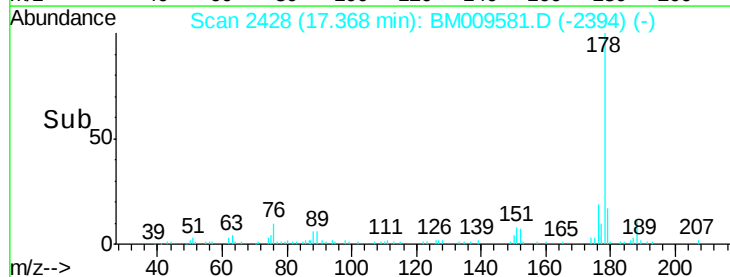
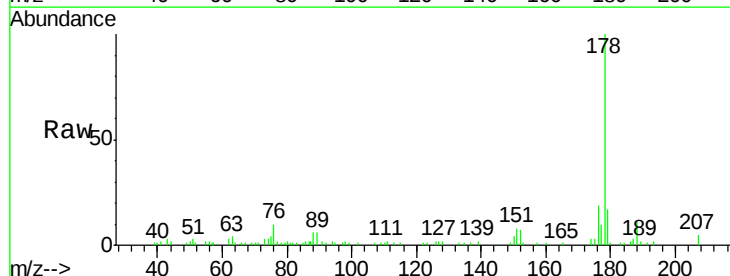
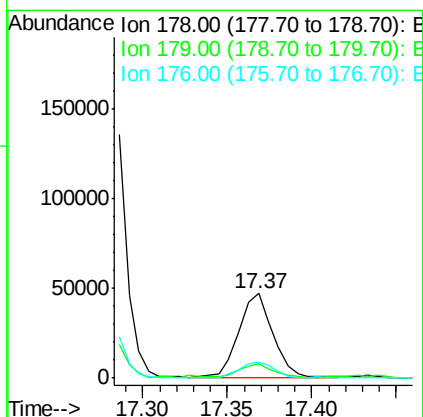
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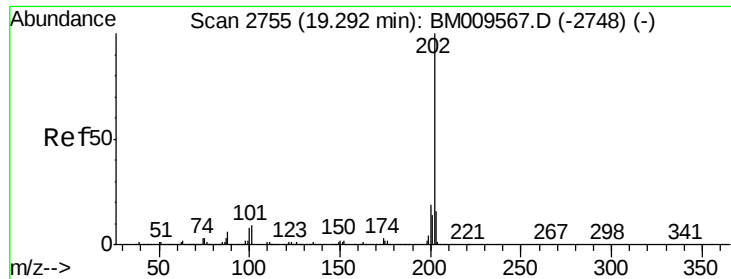
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#16
Anthracene
Concen: 1.48 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009581.D
Acq: 06 Apr 2017 05:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.7	19.1
176	19.3	15.8	23.8





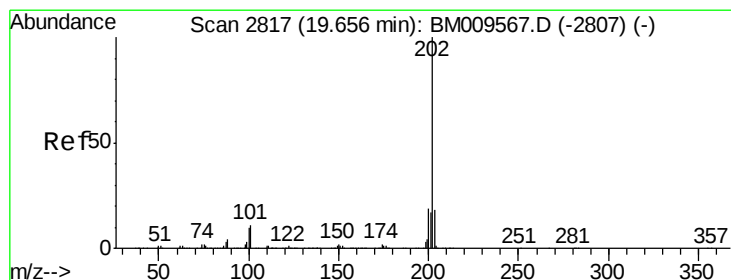
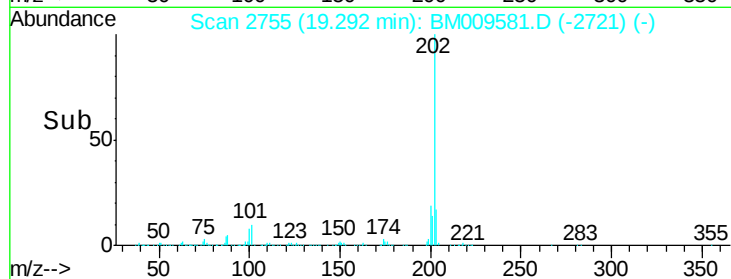
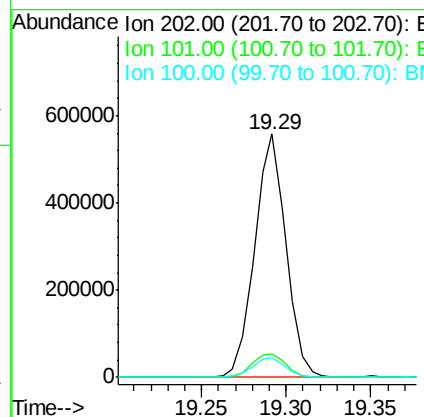
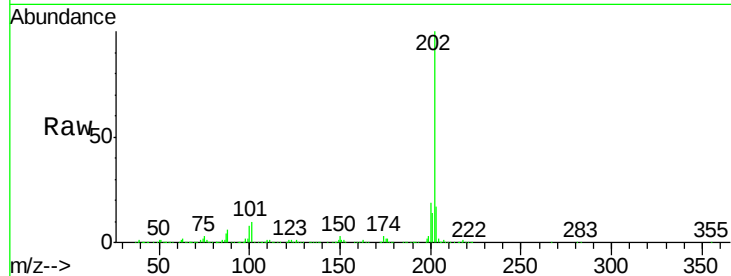
#17
Fluoranthene
 Concen: 13.17 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009581.D
 Acq: 06 Apr 2017 05:09

Instrument :
 BNA_M
 ClientSampleId :
 CB358

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	9.8	14.8#
100	7.9	7.5	11.3

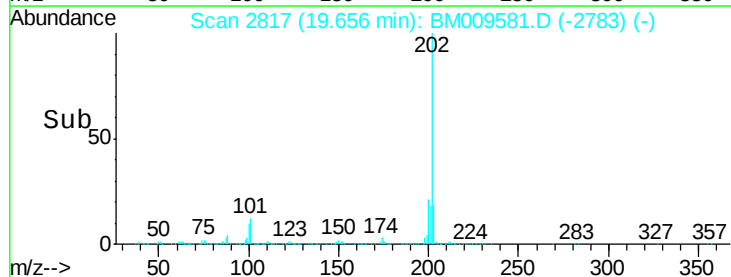
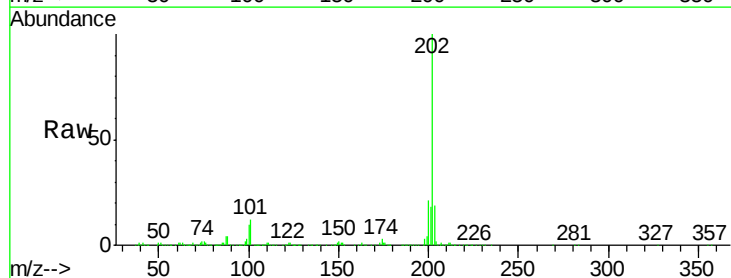
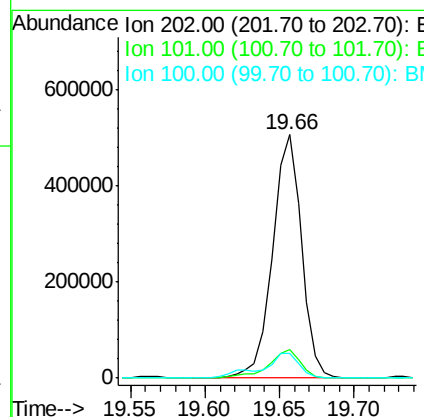
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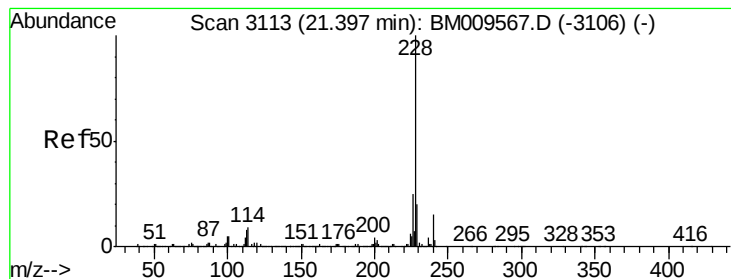
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#20
Pyrene
 Concen: 11.91 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009581.D
 Acq: 06 Apr 2017 05:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	11.2	16.8
100	10.0	9.8	14.6





#21

Benzo(a)anthracene

Concen: 6.98 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009581.D

Acq: 06 Apr 2017 05:09

Instrument :

BNA_M

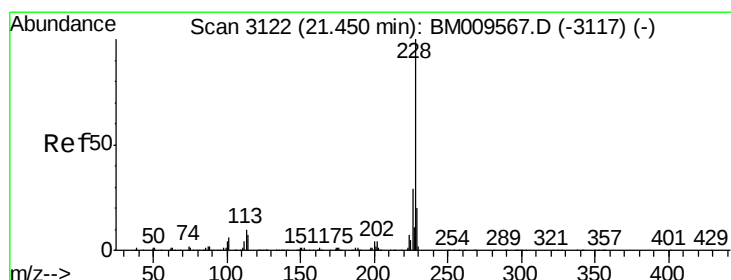
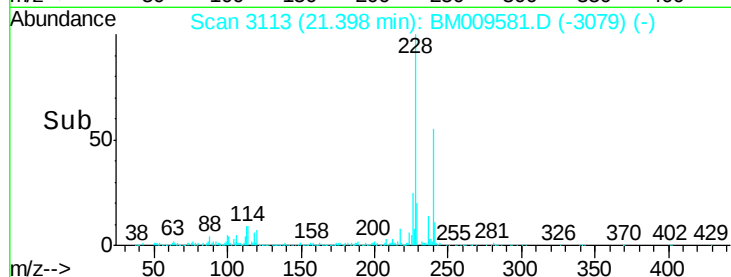
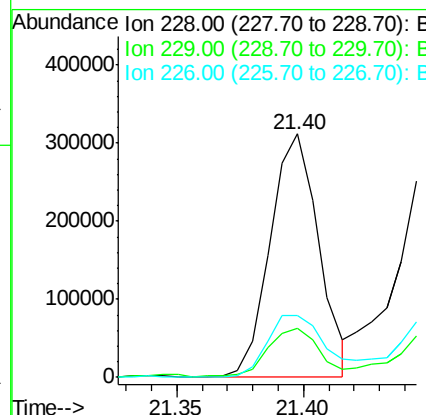
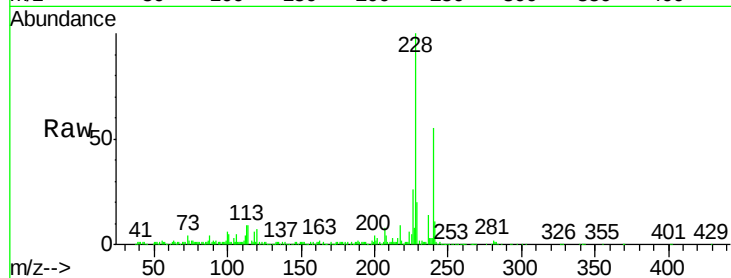
ClientSampleId :

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Tot Ion:	228	Resp:	414383
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.9	23.9
226	25.6	22.1	33.1

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#22

Chrysene

Concen: 7.90 ng/ul

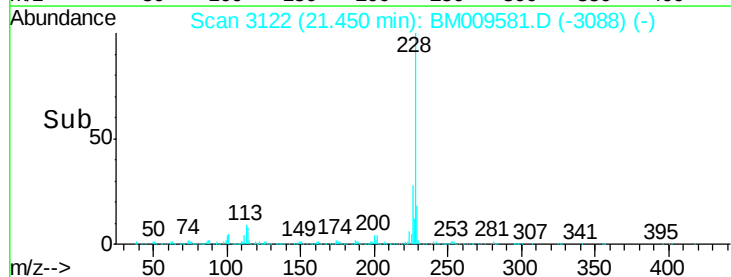
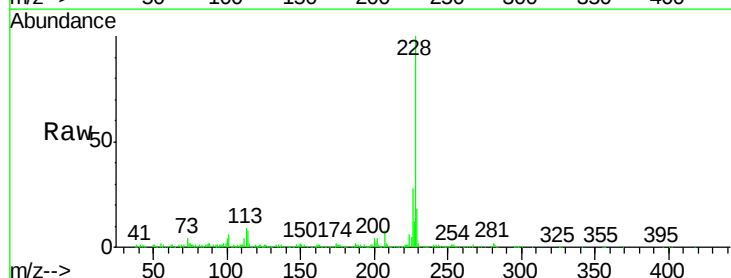
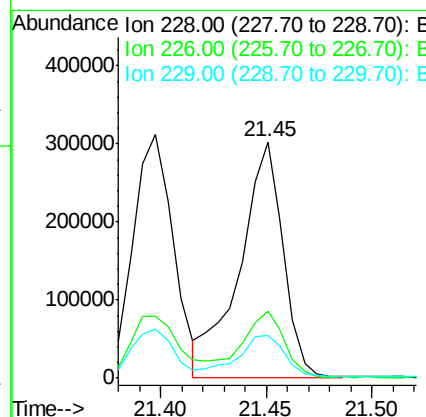
RT: 21.45 min Scan# 3122

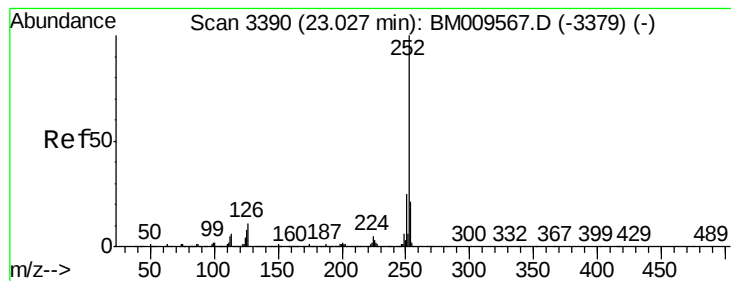
Delta R.T. 0.00 min

Lab File: BM009581.D

Acq: 06 Apr 2017 05:09

Tgt Ion:	228	Resp:	430106
Ion Ratio	Lower	Upper	
228	100		
226	28.2	25.0	37.6
229	17.9	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 9.89 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM009581.D

Acq: 06 Apr 2017 05:09

Instrument :

BNA_M

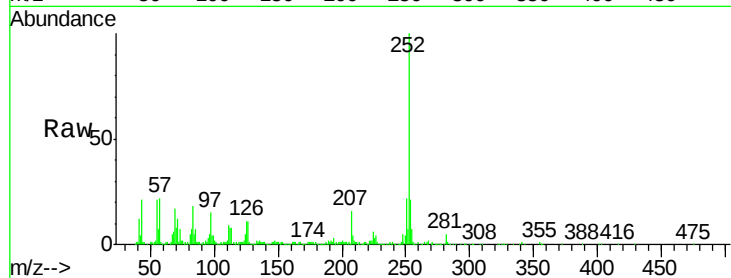
ClientSampleId :

CB358

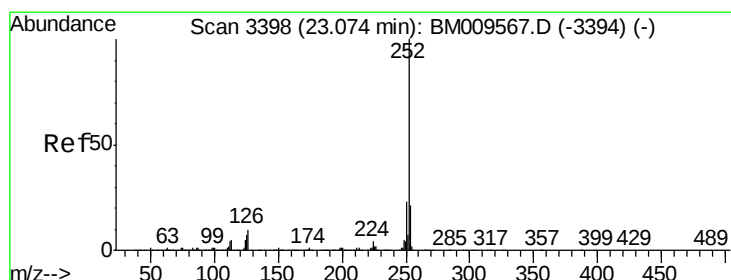
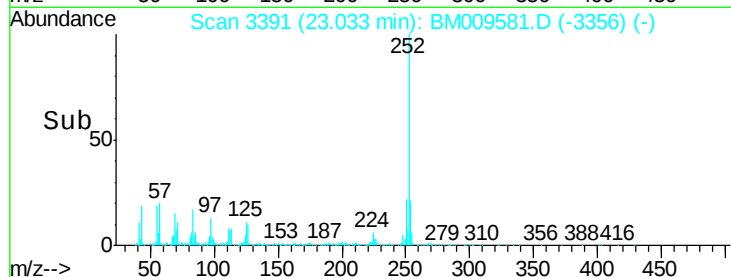
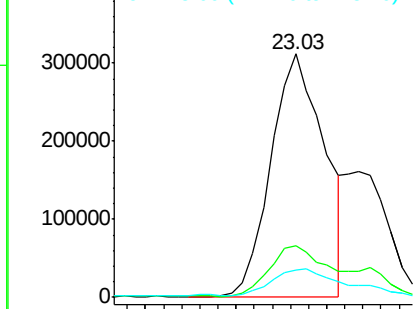
Tot Ion:	252	Resp:	641033
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.8	26.6
125	11.5	9.4	14.0

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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



#25

Benzo(k)fluoranthene

Concen: 4.31 ng/ul m

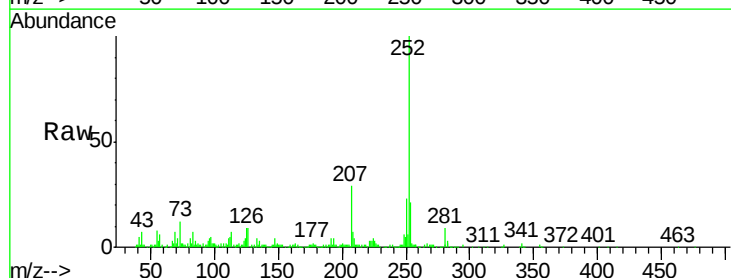
RT: 23.07 min Scan# 3397

Delta R.T. -0.01 min

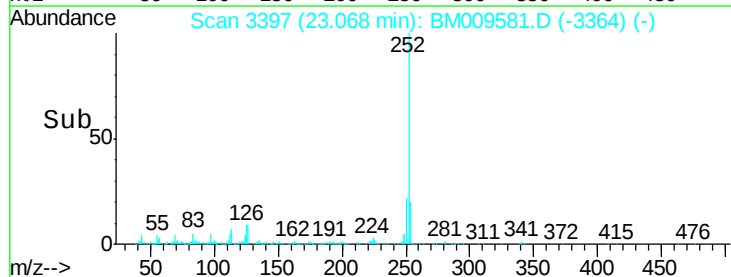
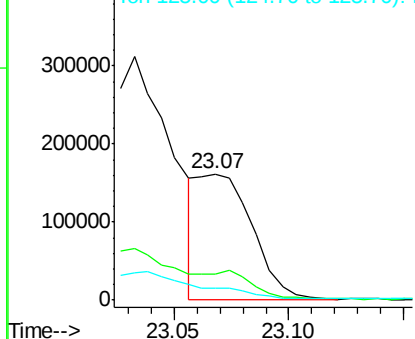
Lab File: BM009581.D

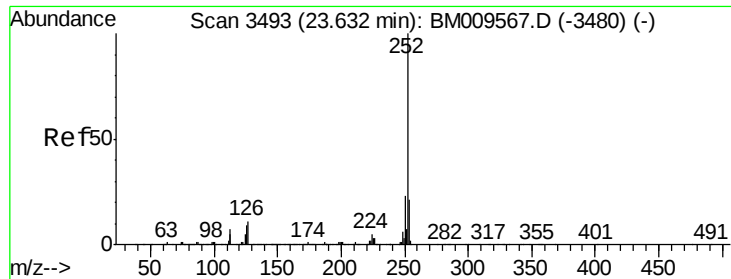
Acq: 06 Apr 2017 05:09

Tgt Ion:	252	Resp:	266247
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.4	26.2
125	9.5	8.8	13.2



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





#27

Benzo(a)pyrene

Concen: 7.54 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM009581.D

Acq: 06 Apr 2017 05:09

Instrument :

BNA_M

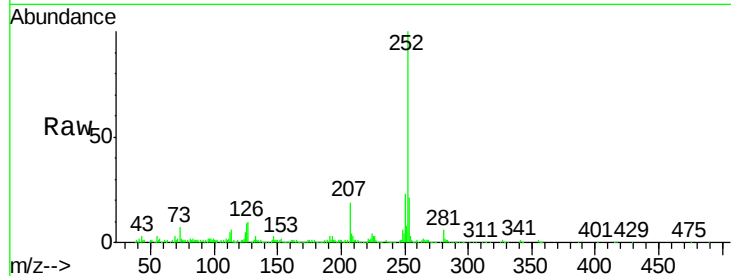
ClientSampleId :

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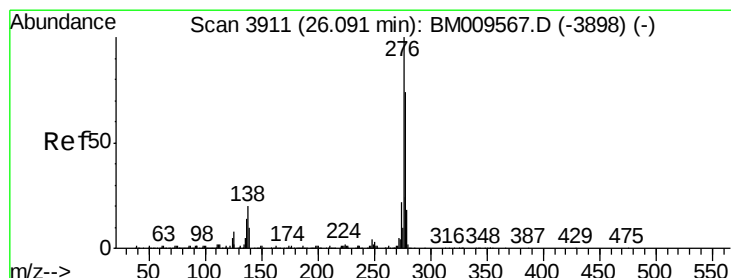
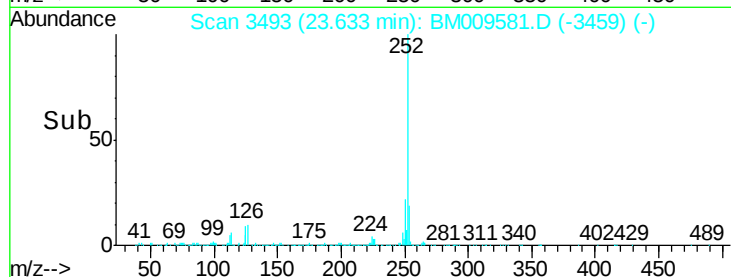
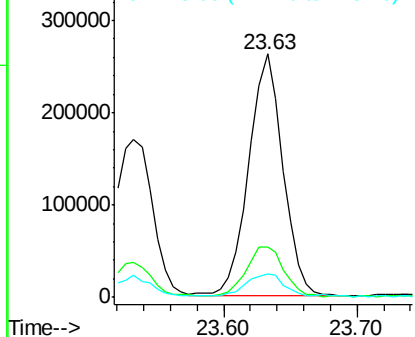
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	9.4	9.4	14.2

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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



#28

Indeno(1,2,3-cd)pyrene

Concen: 5.25 ng/ul

RT: 26.09 min Scan# 3910

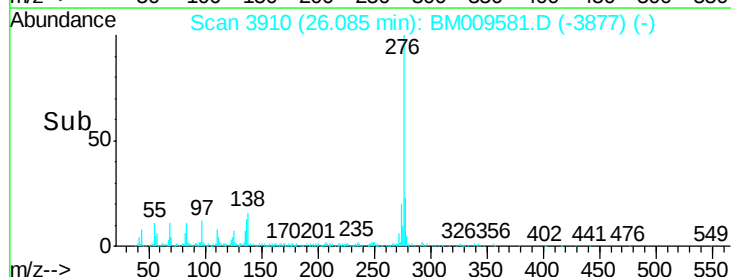
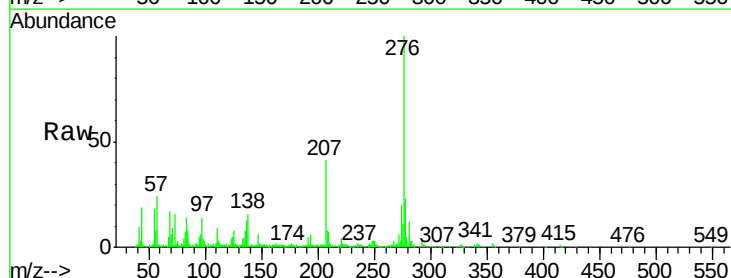
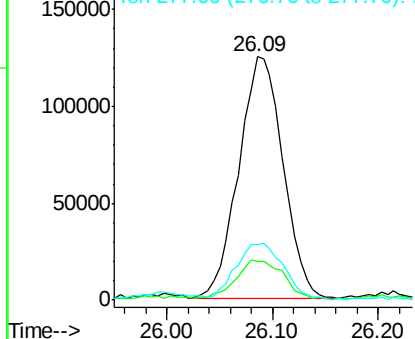
Delta R.T. -0.01 min

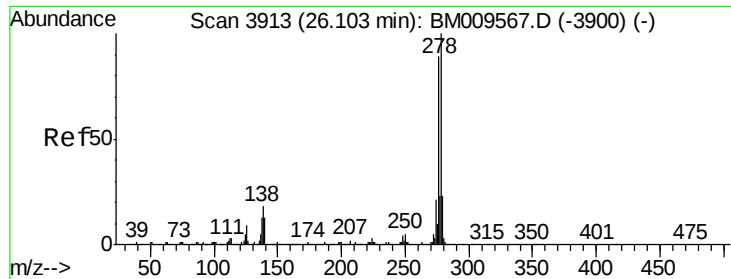
Lab File: BM009581.D

Acq: 06 Apr 2017 05:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.8	26.6
277	22.9	19.4	29.0

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





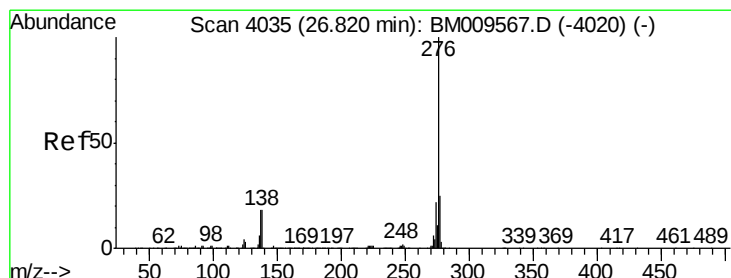
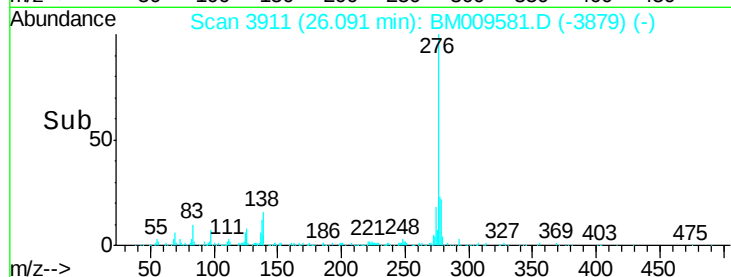
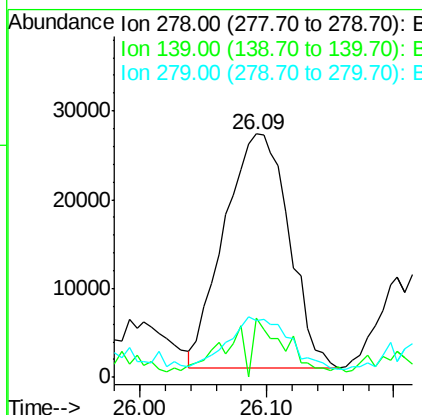
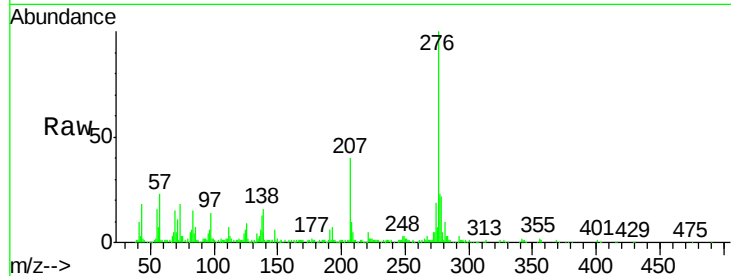
#29
Dibenzo(a,h)anthracene
Concen: 1.59 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM009581.D
Acq: 06 Apr 2017 05:09

Instrument :
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Tot Ion	Ratio	Lower	Upper
278	100		
139	24.3	14.0	21.0#
279	23.3	20.6	31.0

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#30
Benzo(g,h,i)perylene
Concen: 5.73 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.00 min
Lab File: BM009581.D
Acq: 06 Apr 2017 05:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.0	28.4#
277	24.0	19.7	29.5

