

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009572.D
 Acq On : 05 Apr 2017 23:45
 Operator : SJ/MA
 Sample : I2524-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB323

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:39:29 AM

Quant Time: Apr 06 04:00:57 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	7.85	152	153758	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	593504	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	336264	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	785700	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1075232	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1060910	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	27068	2.97	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	399614	12.13	ng/ul	0.00
10) Fluorene-d10	15.48	176	297201	12.54	ng/ul	0.00
15) Anthracene-d10	17.33	188	467726	12.44	ng/ul	0.00
19) Pyrene-d10	19.63	212	576728	13.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	588051	12.55	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	142236	3.22	ng/ul	95
17) Fluoranthene	19.29	202	275252	5.00	ng/ul	96
20) Pyrene	19.65	202	287540	4.91	ng/ul	95
21) Benzo(a)anthracene	21.40	228	191248	3.15	ng/ul	99
22) Chrysene	21.45	228	192527	3.46	ng/ul	99
24) Benzo(b)fluoranthene	23.03	252	282589m	4.31	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	104342	1.67	ng/ul	98
27) Benzo(a)pyrene	23.63	252	184953	2.96	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	26.09	276	138973	1.99	ng/ul	96
30) Benzo(g,h,i)perylene	26.82	276	124000	2.15	ng/ul#	87

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

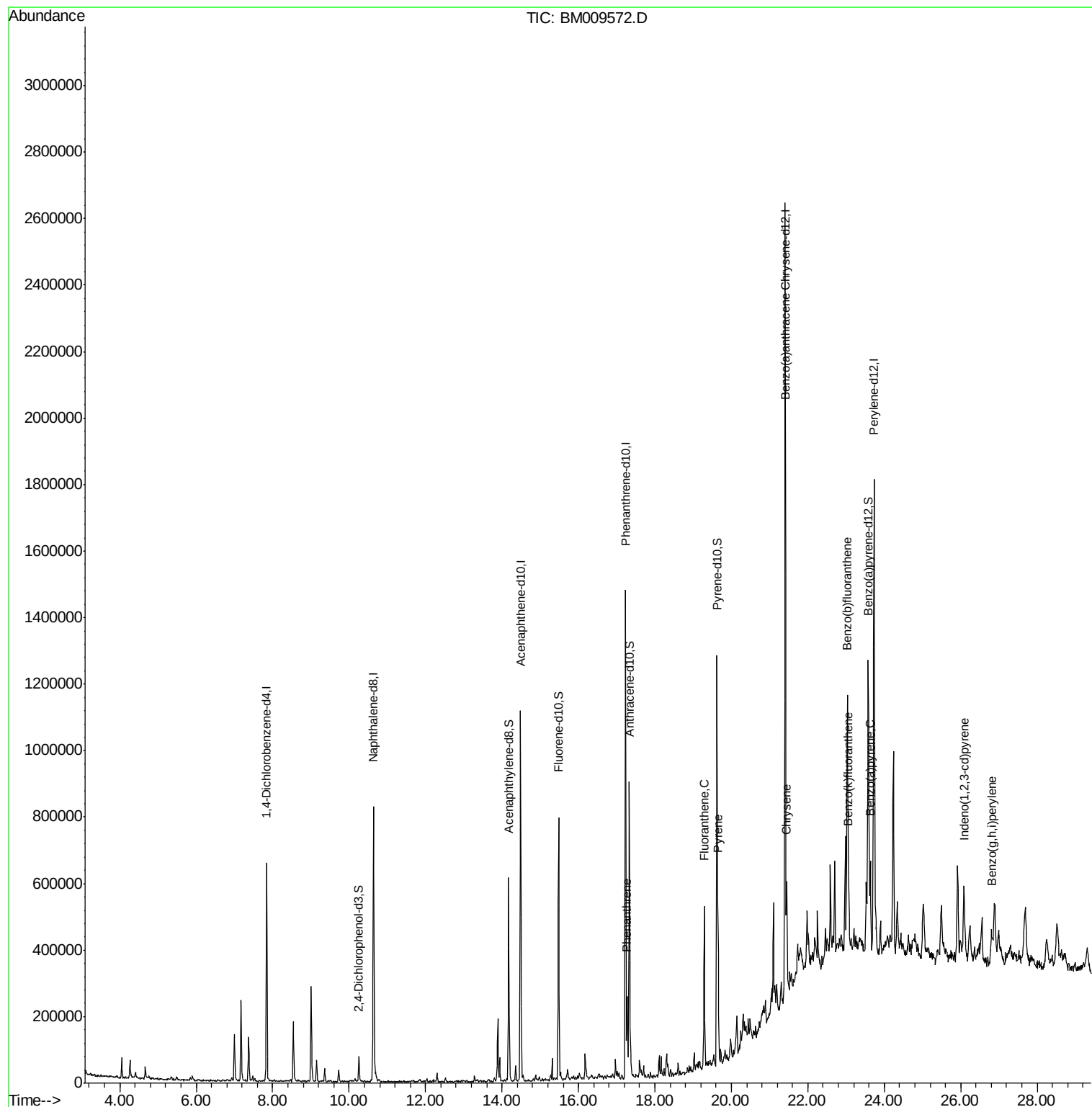
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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ALS Vial : 20 Sample Multiplier: 1

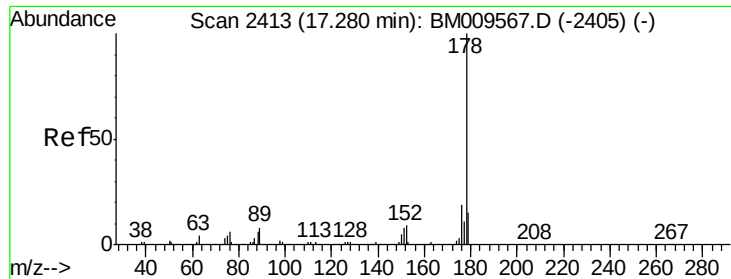
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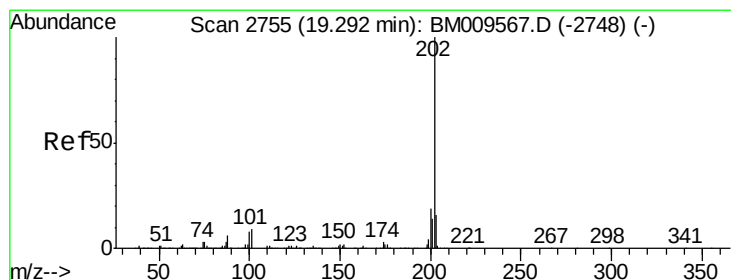
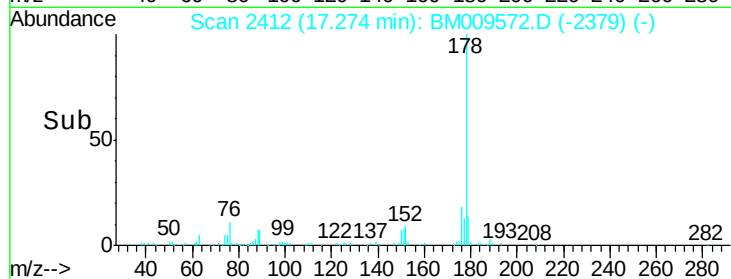
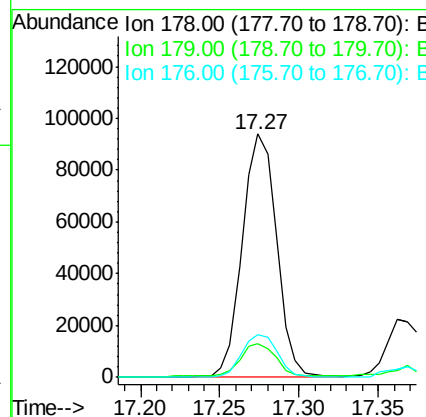
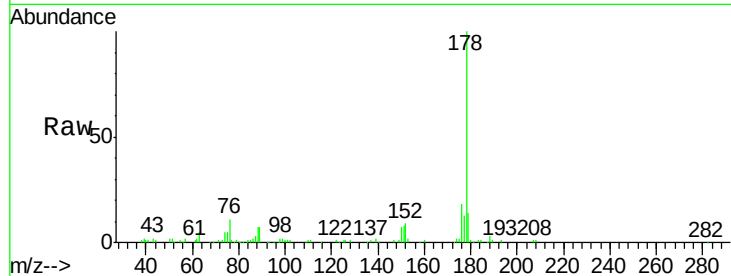
#14
Phenanthrene
Concen: 3.22 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009572.D
Acq: 05 Apr 2017 23:45

Instrument :
BNA_M
ClientSampleId :
CB323

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.2	18.4
176	17.5	16.4	24.6

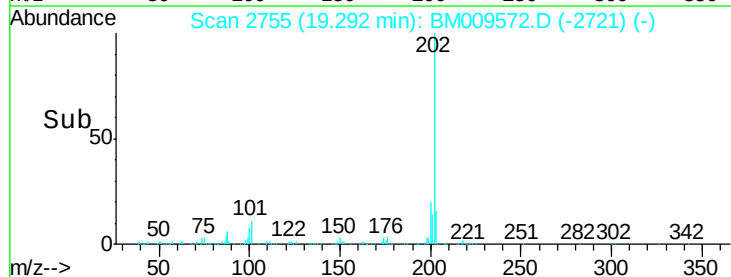
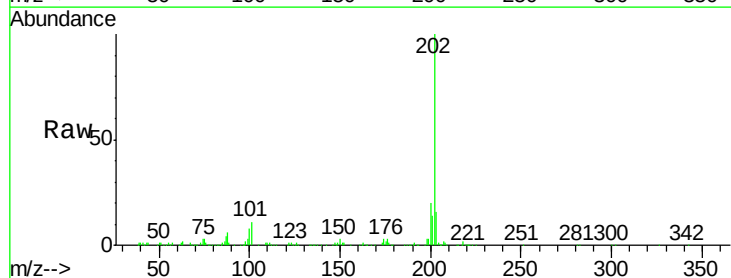
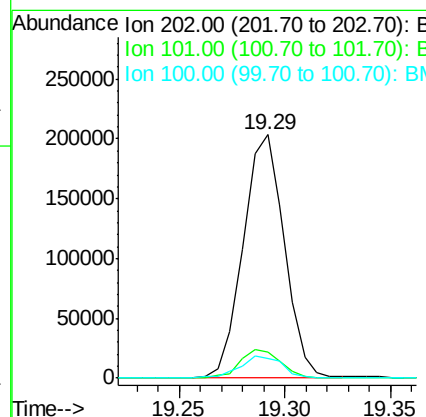
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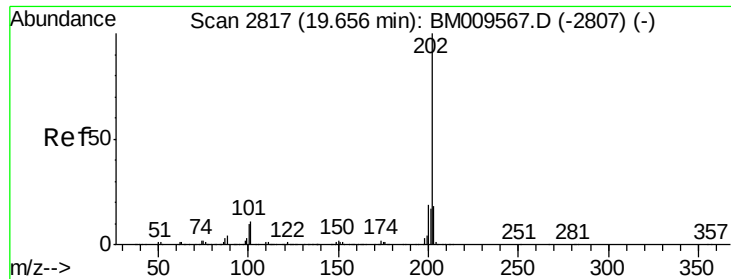
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#17
Fluoranthene
Concen: 5.00 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009572.D
Acq: 05 Apr 2017 23:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
100	7.9	7.5	11.3





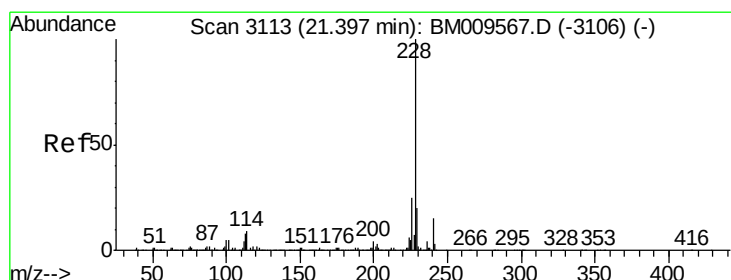
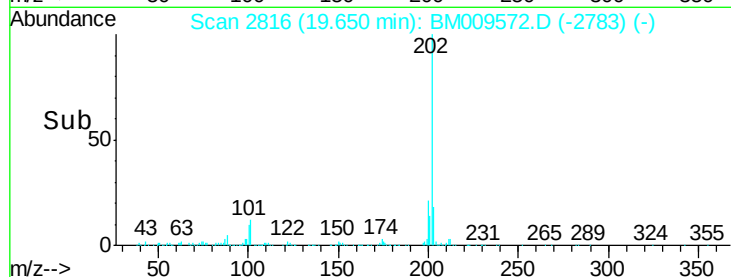
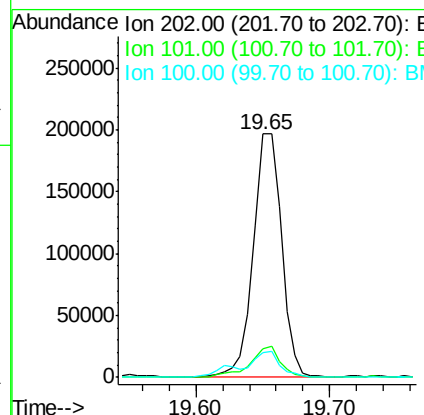
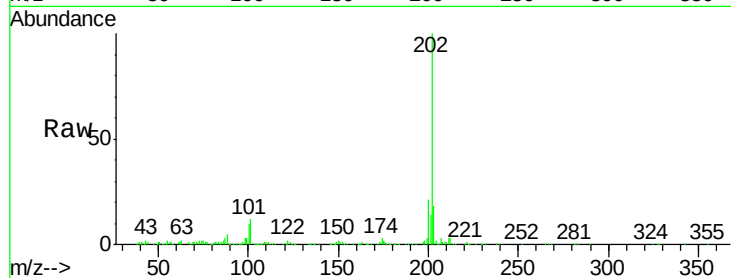
#20
Pvrene
Concen: 4.91 ng/ul
RT: 19.65 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM009572.D
Acq: 05 Apr 2017 23:45

Instrument :
BNA_M
ClientSampled :
CB323

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	11.2	16.8
100	10.3	9.8	14.6

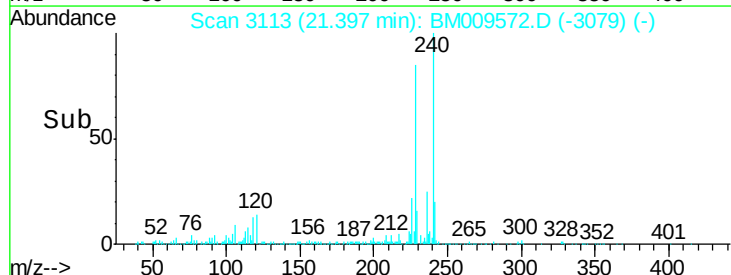
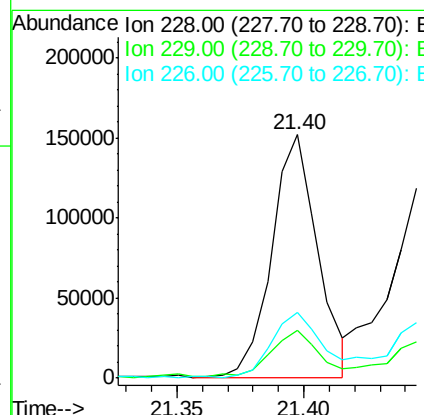
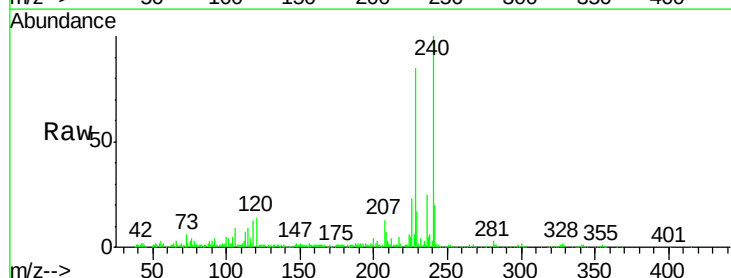
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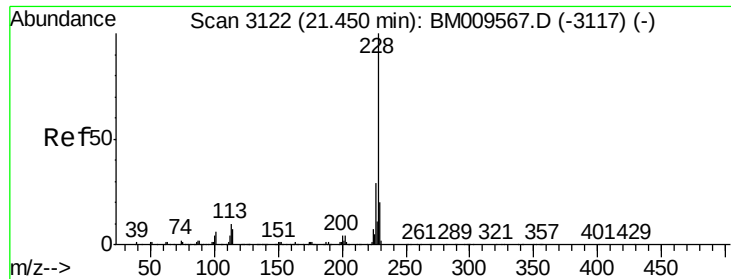
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#21
Benzo(a)anthracene
Concen: 3.15 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009572.D
Acq: 05 Apr 2017 23:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.1	22.1	33.1





#22

Chrysene

Concen: 3.46 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM009572.D

Acq: 05 Apr 2017 23:45

Instrument :

BNA_M

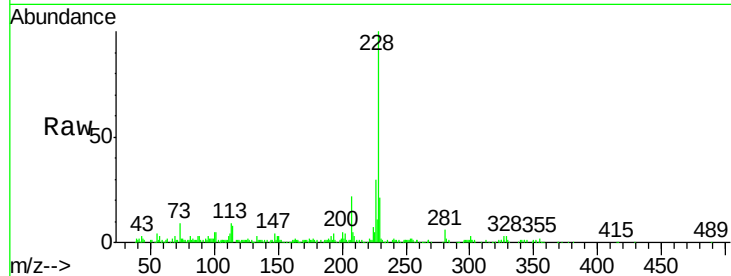
ClientSampleId :

CB323

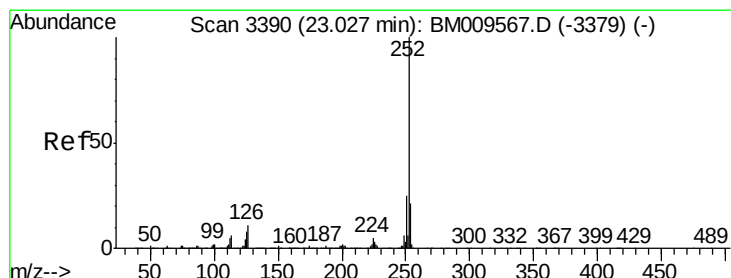
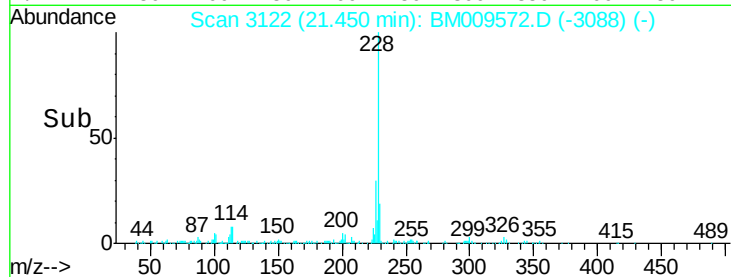
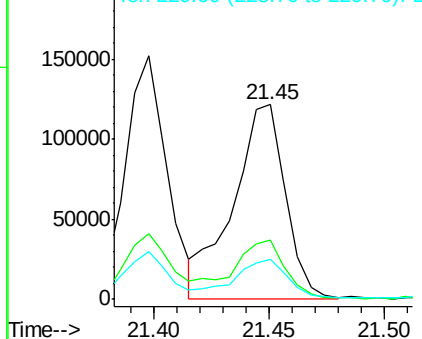
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		192527		
226	30.2		25.0	37.6	
229	20.5		16.6	25.0	

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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



#24

Benzo(b)fluoranthene

Concen: 4.31 ng/ul m

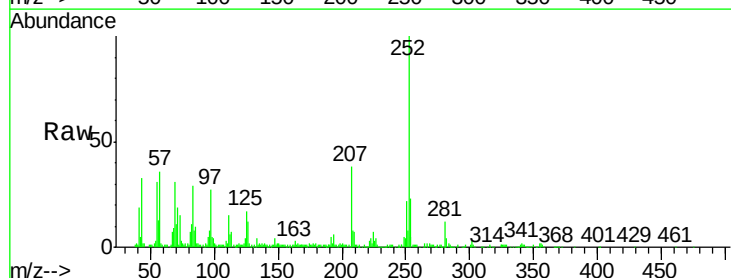
RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

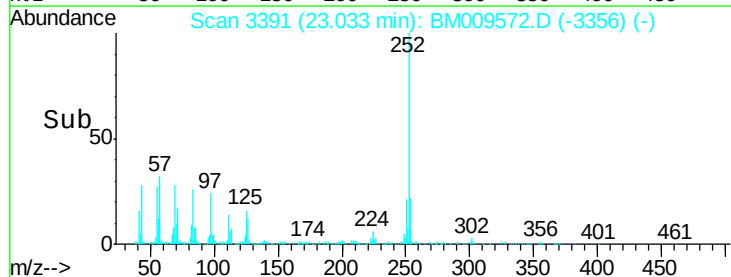
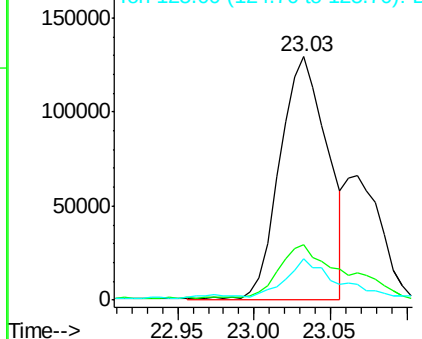
Lab File: BM009572.D

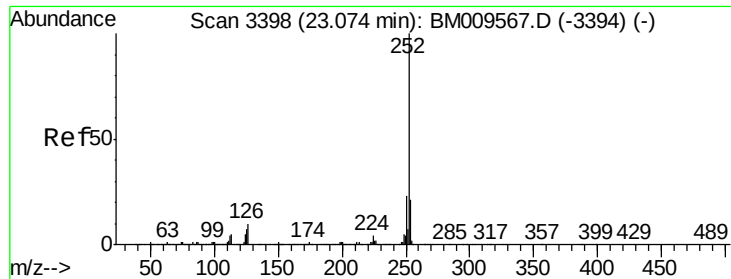
Acq: 05 Apr 2017 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		282589		
253	22.8		17.8	26.6	
125	16.8		9.4	14.0	



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





#25

Benzo(k)fluoranthene

Concen: 1.67 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM009572.D

Acq: 05 Apr 2017 23:45

Instrument :

BNA_M

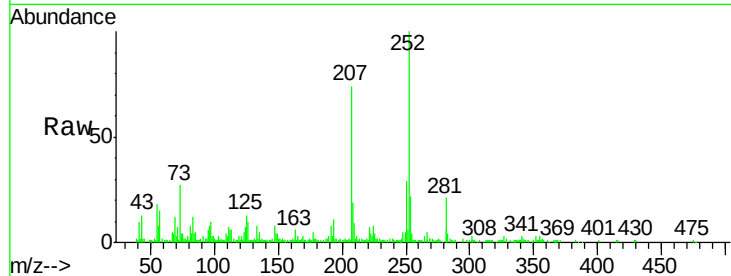
ClientSampleId :

CB323

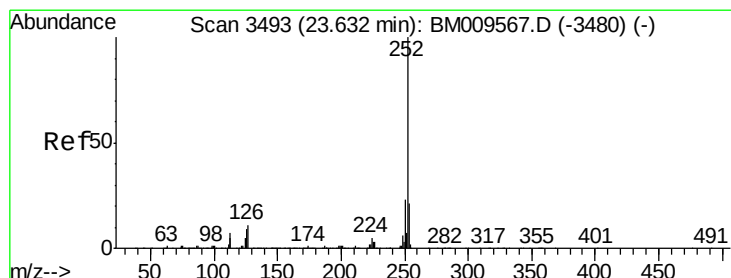
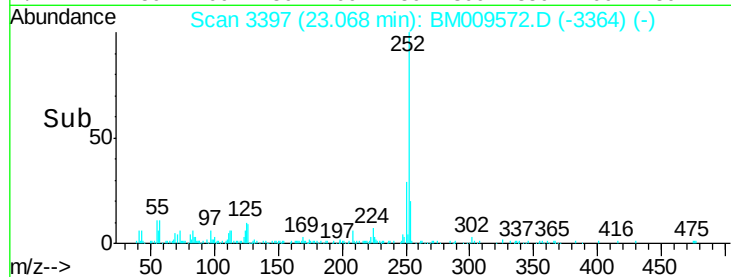
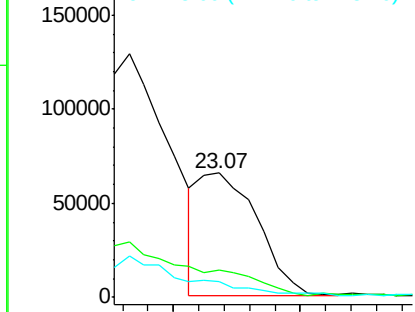
Tot Ion:	252	Resp:	104342
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	12.5	8.8	13.2

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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



#27

Benzo(a)pyrene

Concen: 2.96 ng/ul

RT: 23.63 min Scan# 3493

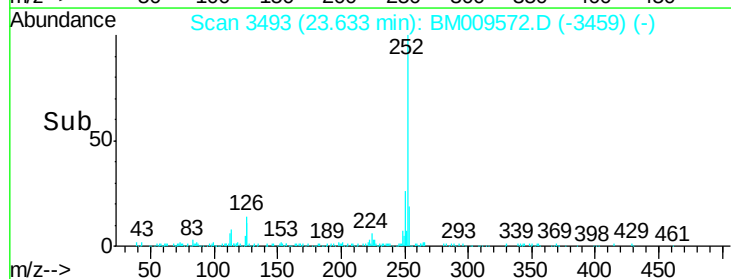
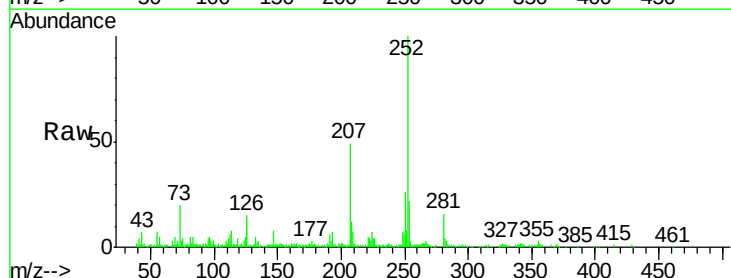
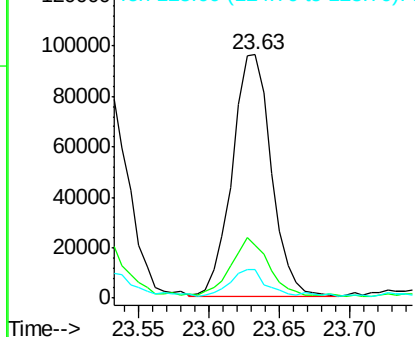
Delta R.T. 0.00 min

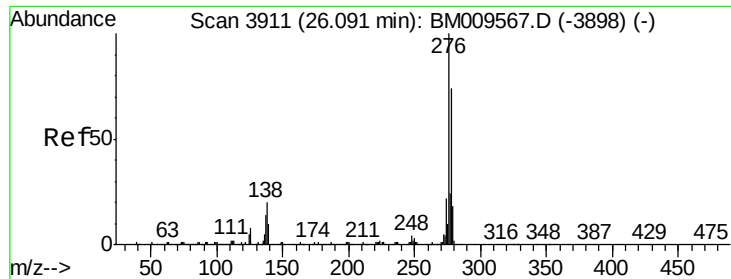
Lab File: BM009572.D

Acq: 05 Apr 2017 23:45

Tgt Ion:	252	Resp:	184953
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	11.8	9.4	14.2

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





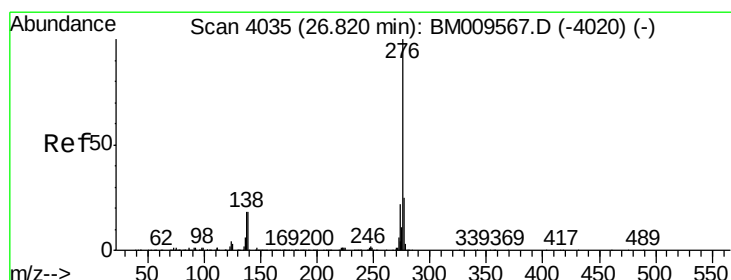
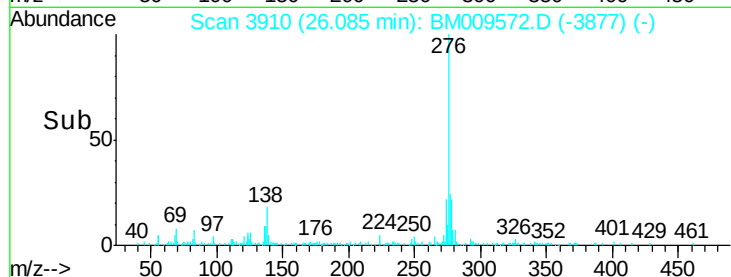
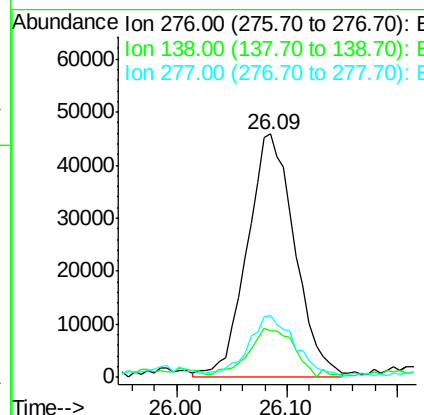
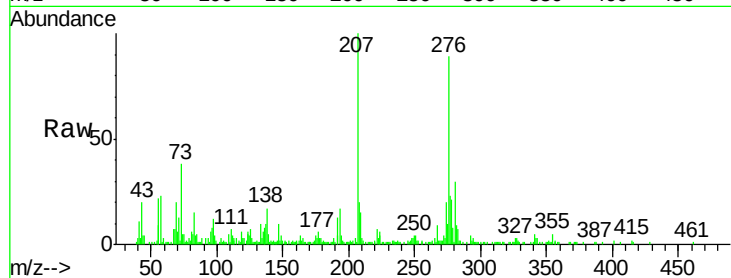
#28
Indeno(1,2,3-cd)pyrene
Concen: 1.99 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009572.D
Acq: 05 Apr 2017 23:45

Instrument :
BNA_M
ClientSampleId :
CB323

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.8	26.6
277	25.3	19.4	29.0

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#30
Benzo(g,h,i)perylene
Concen: 2.15 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.00 min
Lab File: BM009572.D
Acq: 05 Apr 2017 23:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	19.0	28.4#
277	19.2	19.7	29.5#

