

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009559.D
 Acq On : 05 Apr 2017 15:58
 Operator : SJ/MA
 Sample : I2285-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB334

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:38:07 AM

Quant Time: Apr 05 18:44:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 05 13:39:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	112459	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	433057	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	239848	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	569559m	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	843540	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	843988	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	11519	1.73	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	95546	4.06	ng/ul	0.00
10) Fluorene-d10	15.48	176	128000	7.57	ng/ul	0.00
15) Anthracene-d10	17.33	188	154888	5.68	ng/ul	0.00
19) Pyrene-d10	19.63	212	260759	7.52	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	273748	7.35	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.27	178	52153	1.63	ng/ul	98
17) Fluoranthene	19.29	202	116935	2.93	ng/ul	96
20) Pyrene	19.66	202	107833	2.35	ng/ul	96
21) Benzo(a)anthracene	21.40	228	72275	1.52	ng/ul	96
22) Chrysene	21.44	228	75190m	1.72	ng/ul	
24) Benzo(b)fluoranthene	23.03	252	105999	2.03	ng/ul#	97
27) Benzo(a)pyrene	23.63	252	61894	1.25	ng/ul#	92
28) Indeno(1,2,3-cd)pyrene	26.08	276	56935	1.02	ng/ul	95
30) Benzo(g,h,i)perylene	26.81	276	52387m	1.14	ng/ul	

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

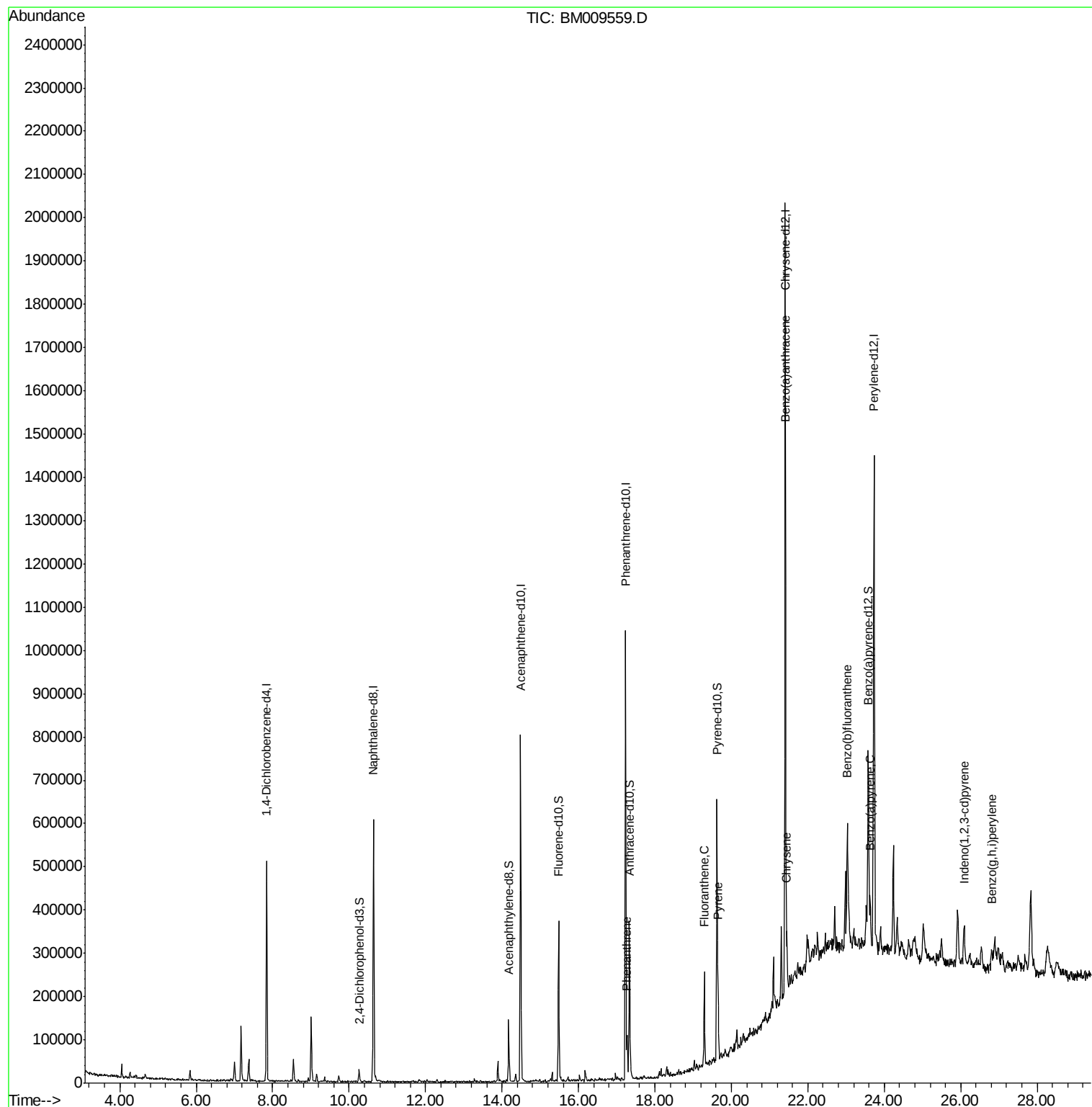
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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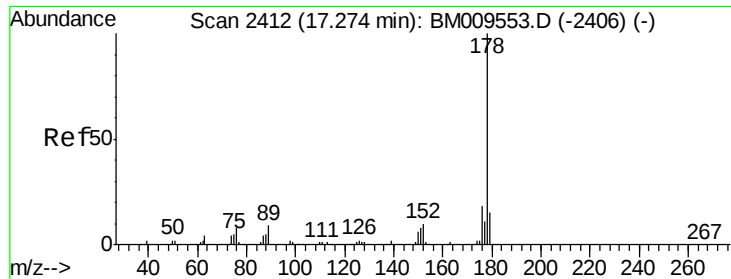
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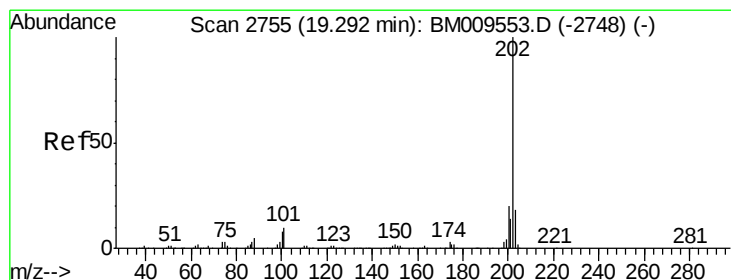
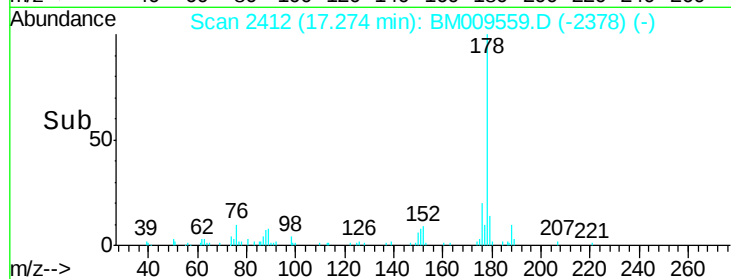
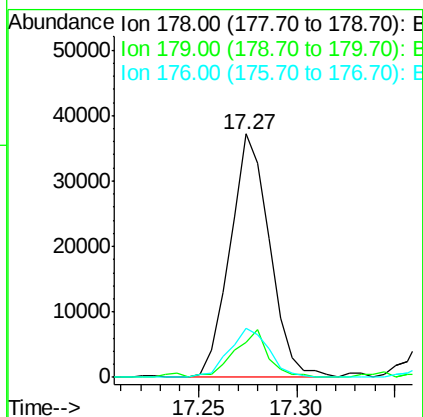
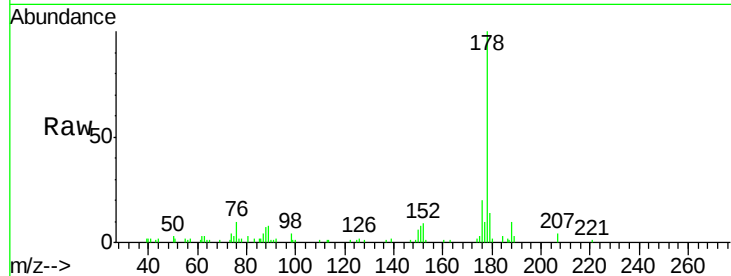
#14
Phenanthrene
Concen: 1.63 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM009559.D
Acq: 05 Apr 2017 15:58

Instrument :
BNA_M
ClientSampleId :
CB334

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.4
176	20.0	16.4	24.6

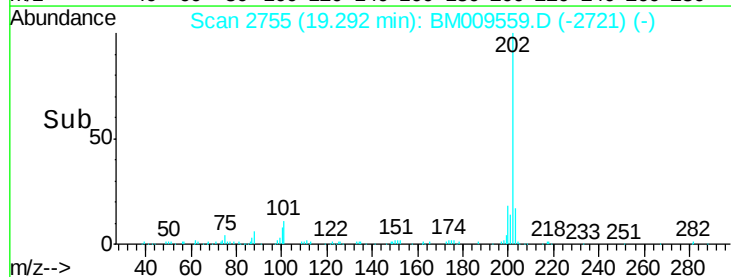
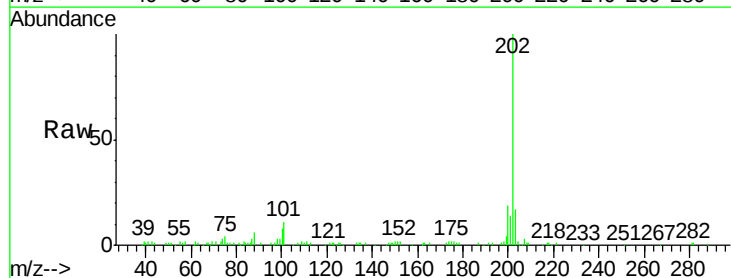
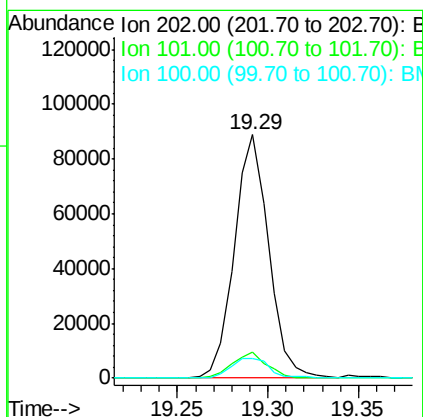
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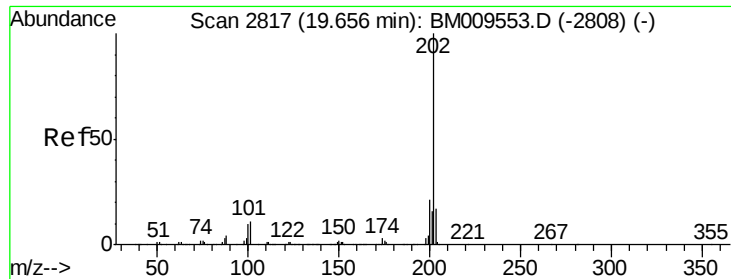
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#17
Fluoranthene
Concen: 2.93 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009559.D
Acq: 05 Apr 2017 15:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
100	7.9	7.5	11.3





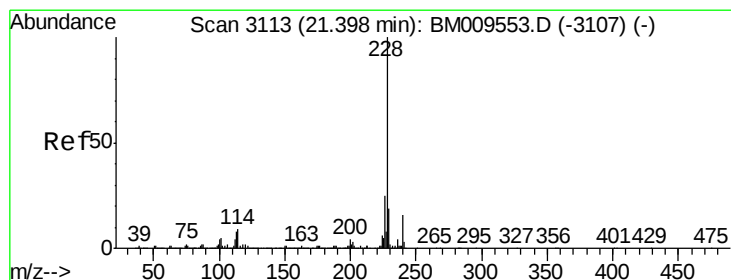
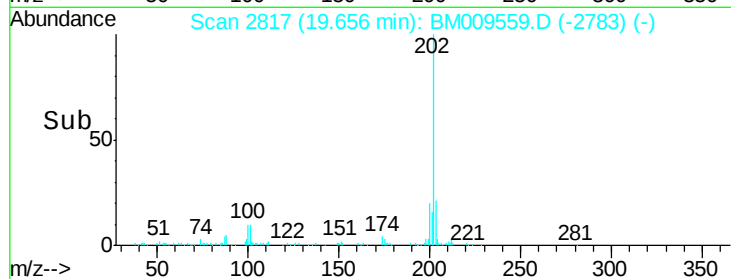
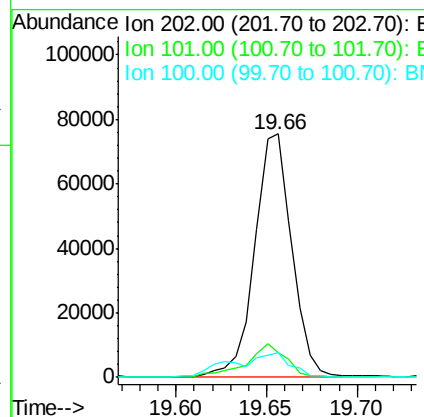
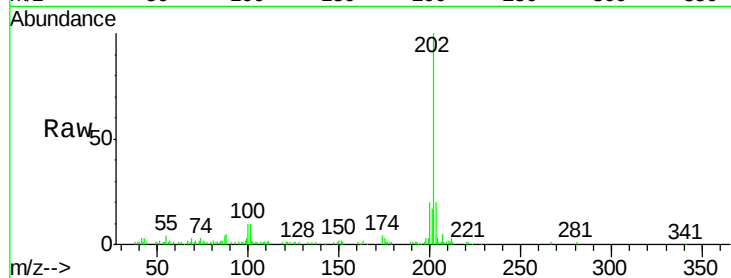
#20
Pvrene
Concen: 2.35 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009559.D
Acq: 05 Apr 2017 15:58

Instrument :
BNA_M
ClientSampleId :
CB334

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	11.2	16.8
100	10.2	9.8	14.6

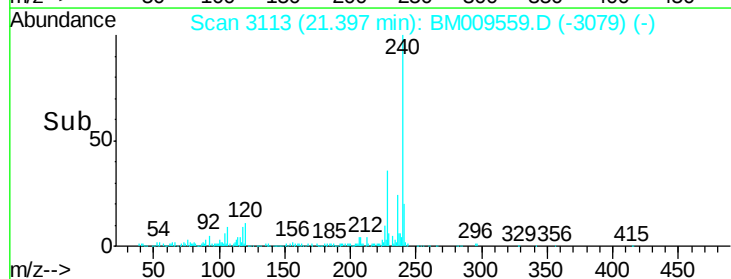
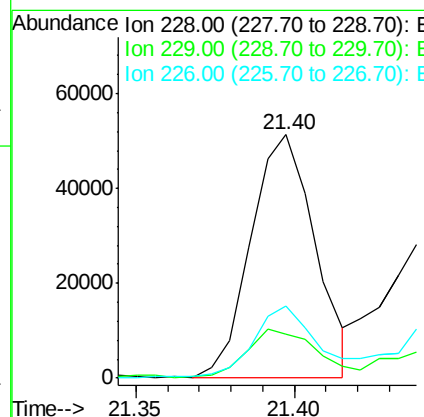
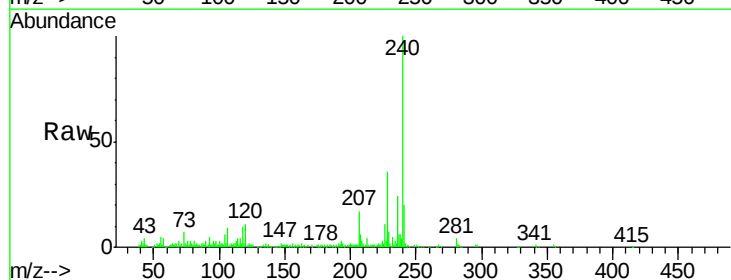
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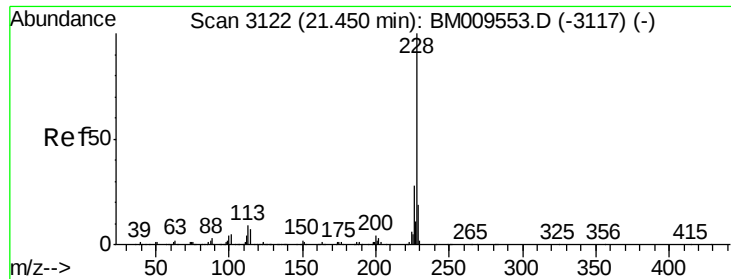
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#21
Benzo(a)anthracene
Concen: 1.52 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009559.D
Acq: 05 Apr 2017 15:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.1	15.9	23.9
226	29.4	22.1	33.1





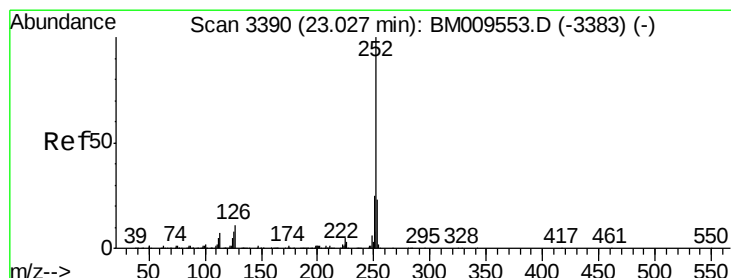
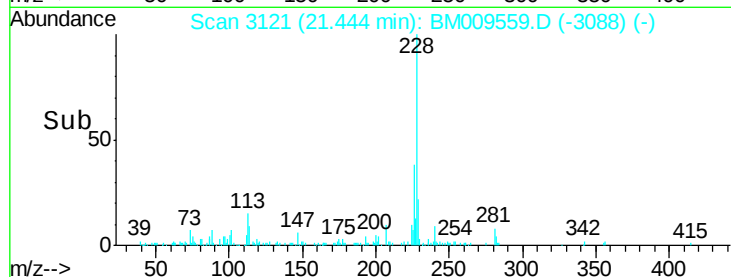
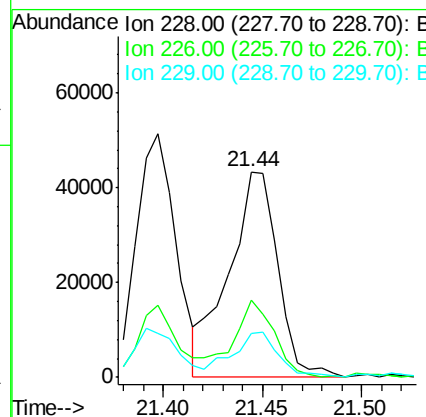
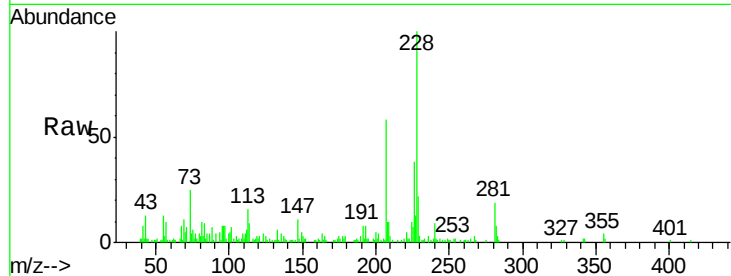
#22
Chrysene
Concen: 1.72 ng/ul m
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM009559.D
Acq: 05 Apr 2017 15:58

Instrument :
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ClientSampleId :
CB334

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.6	25.0	37.6#
229	21.7	16.6	25.0

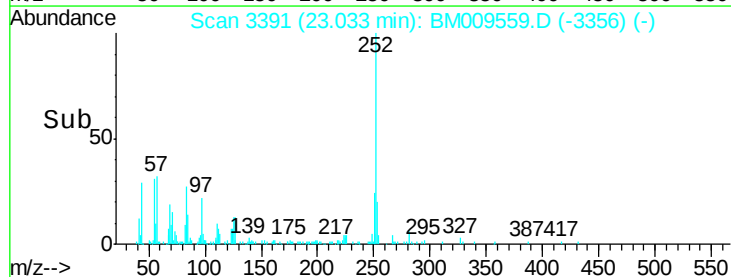
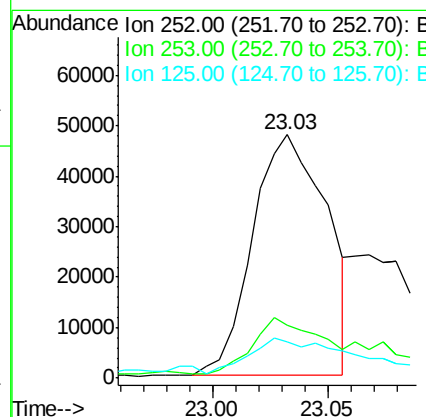
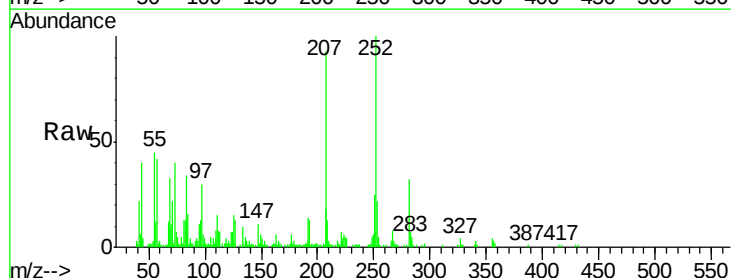
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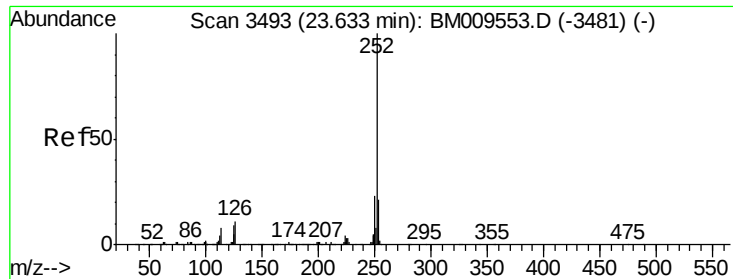
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#24
Benzo(b)fluoranthene
Concen: 2.03 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM009559.D
Acq: 05 Apr 2017 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	14.8	9.4	14.0#





#27

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BM009559.D

Acq: 05 Apr 2017 15:58

Instrument :

BNA_M

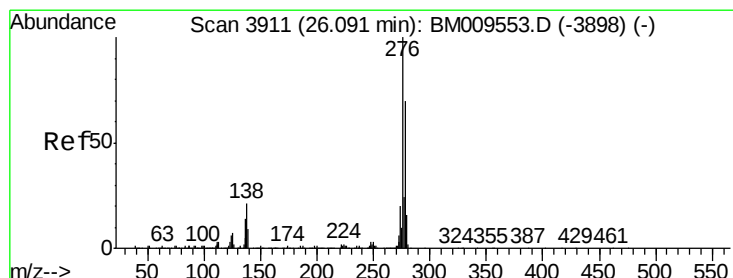
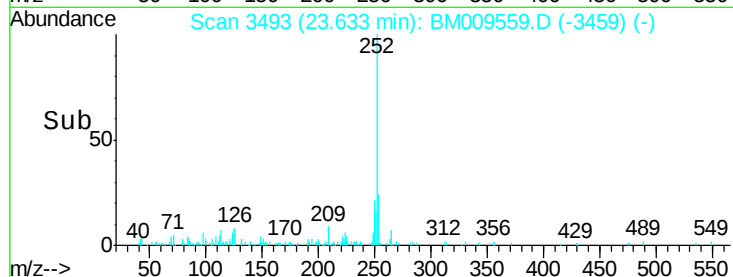
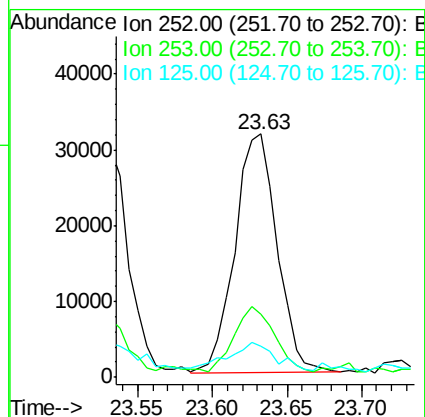
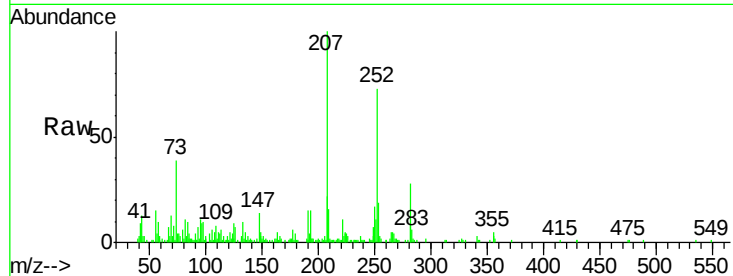
ClientSampleId :

CB334

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	12.9	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 1.02 ng/ul

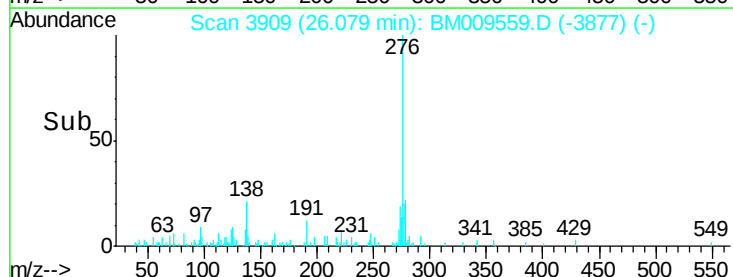
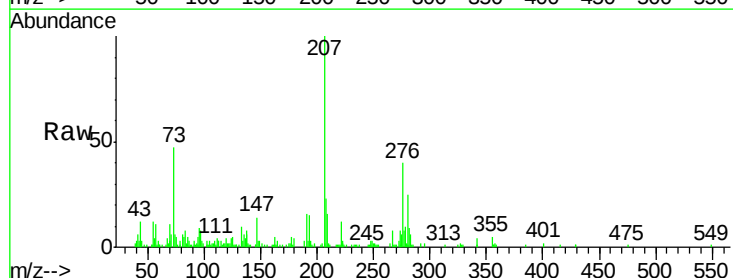
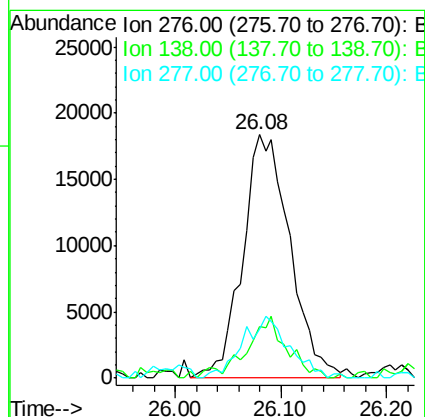
RT: 26.08 min Scan# 3909

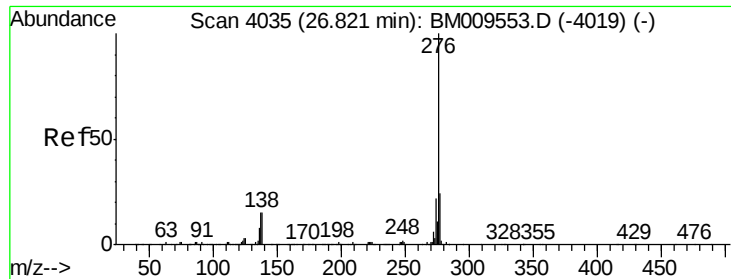
Delta R.T. -0.01 min

Lab File: BM009559.D

Acq: 05 Apr 2017 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.8	26.6
277	20.3	19.4	29.0





#30
 Benzo(a,h,i)perylene
 Concen: 1.14 ng/ul m
 RT: 26.81 min Scan# 4034
 Delta R.T. -0.01 min
 Lab File: BM009559.D
 Acq: 05 Apr 2017 15:58

Instrument :
 BNA_M
 ClientSampleId :
 CB334

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.0	28.4
277	21.8	19.7	29.5

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