

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009578.D
 Acq On : 06 Apr 2017 03:21
 Operator : SJ/MA
 Sample : I2524-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB363

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 04:13:54 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	162110	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	634278	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	358453	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	834643	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1115266	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1099591	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	190699m	19.55	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	791928	22.54	ng/ul	0.00
10) Fluorene-d10	15.48	176	584000	23.11	ng/ul	0.00
15) Anthracene-d10	17.33	188	932968	23.36	ng/ul	0.00
19) Pyrene-d10	19.63	212	1134580	24.76	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1217644	25.08	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	174517	3.72	ng/ul	96
17) Fluoranthene	19.29	202	330655	5.66	ng/ul#	95
20) Pyrene	19.66	202	307358	5.06	ng/ul	95
21) Benzo(a)anthracene	21.40	228	187546	2.97	ng/ul	99
22) Chrysene	21.44	228	187975	3.25	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	245756	3.61	ng/ul#	97
25) Benzo(k)fluoranthene	23.07	252	101708m	1.57	ng/ul	
27) Benzo(a)pyrene	23.63	252	184124m	2.85	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	123654	1.71	ng/ul	95
30) Benzo(g,h,i)perylene	26.82	276	103778	1.74	ng/ul#	91

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

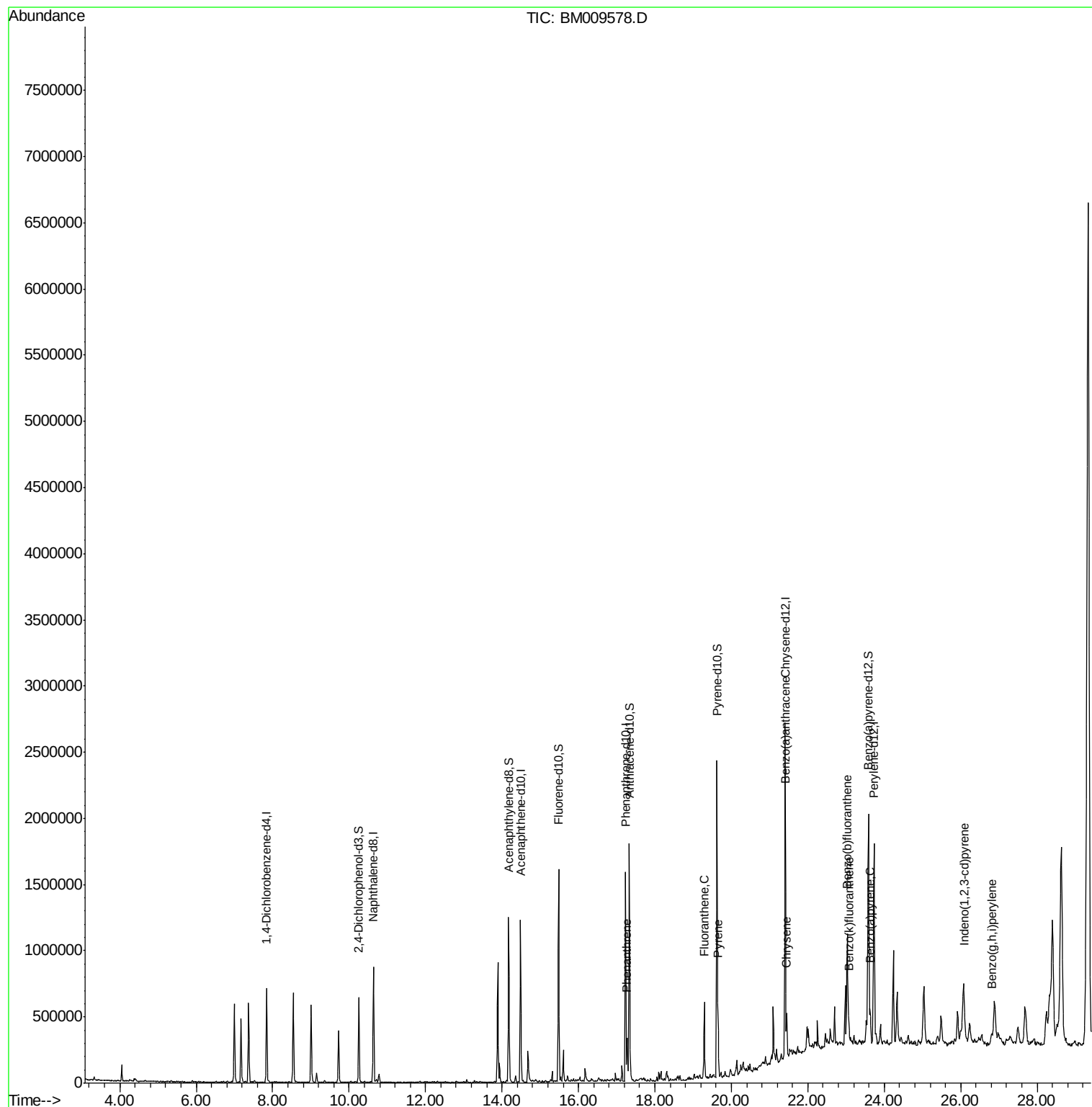
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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ALS Vial : 26 Sample Multiplier: 1

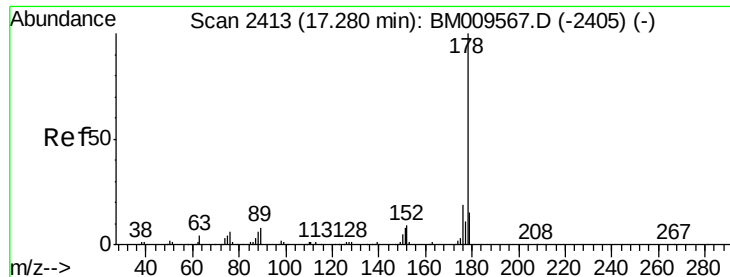
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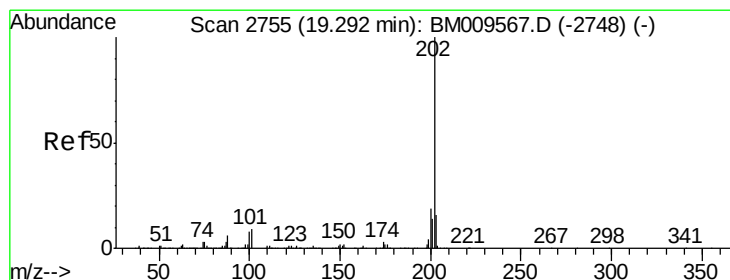
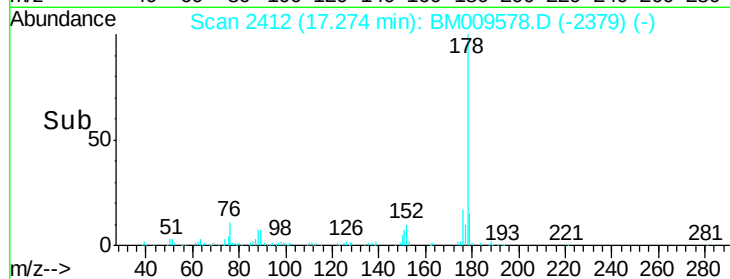
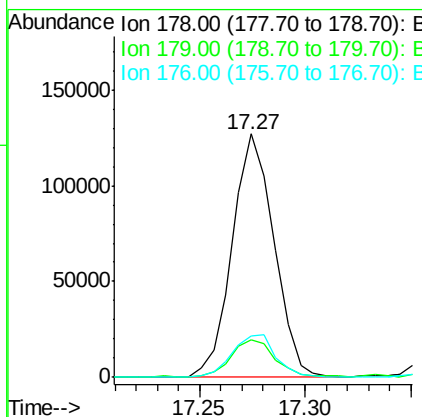
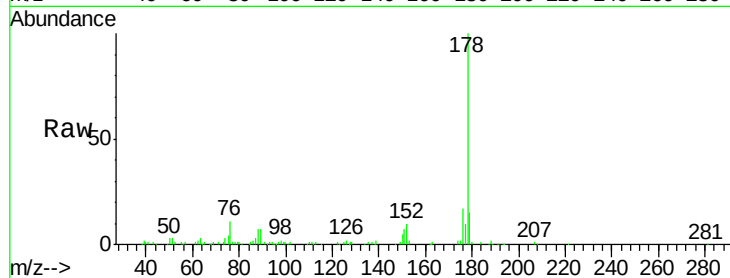
#14
Phenanthrene
Concen: 3.72 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Instrument :
BNA_M
ClientSampleId :
CB363

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	17.0	16.4	24.6

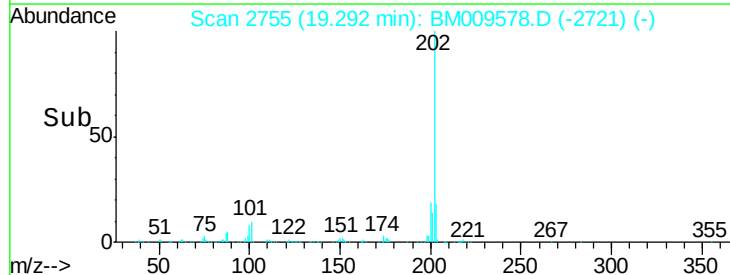
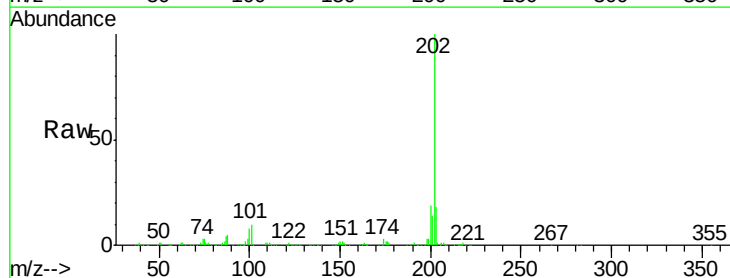
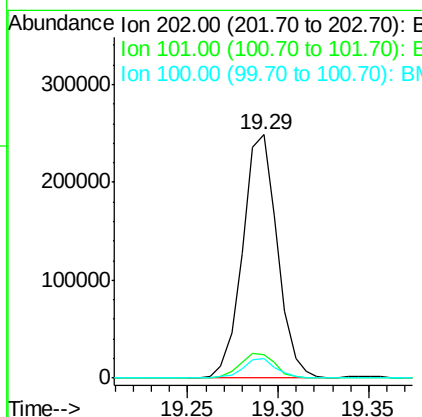
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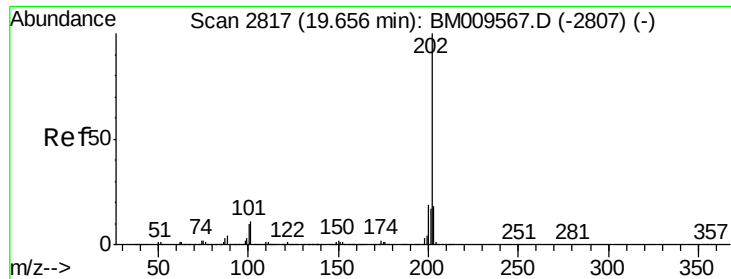
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#17
Fluoranthene
Concen: 5.66 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
100	8.2	7.5	11.3





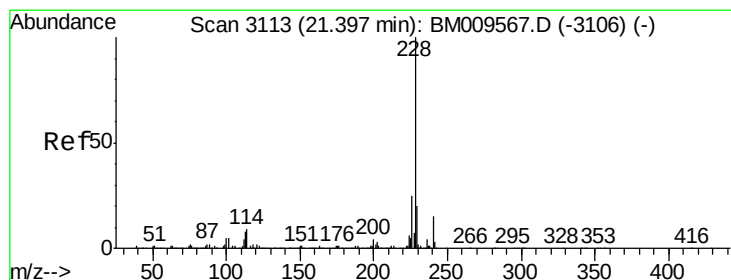
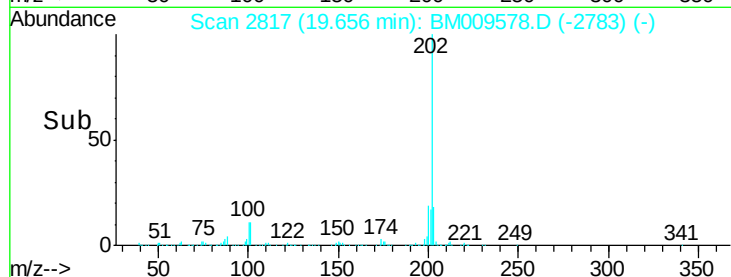
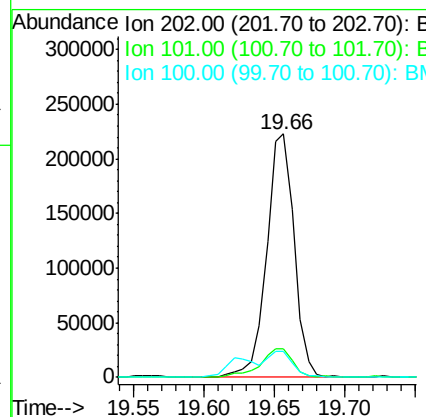
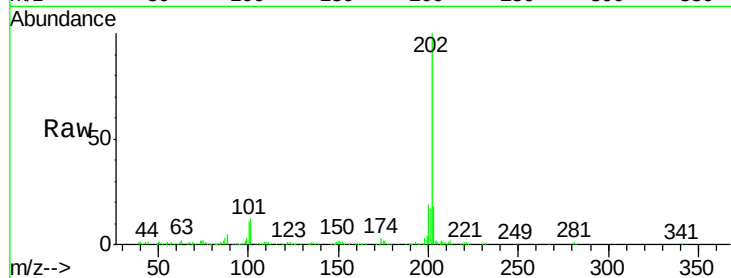
#20
Pvrene
Concen: 5.06 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Instrument :
BNA_M
ClientSampleId :
CB363

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	11.2	16.8
100	10.5	9.8	14.6

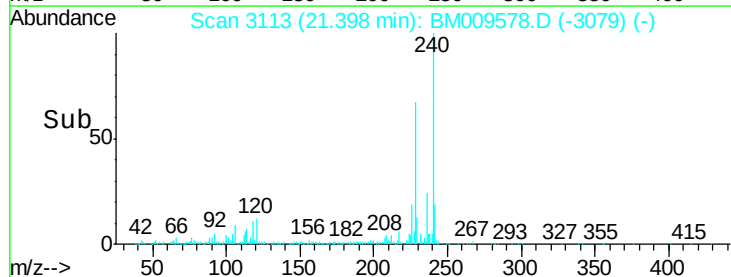
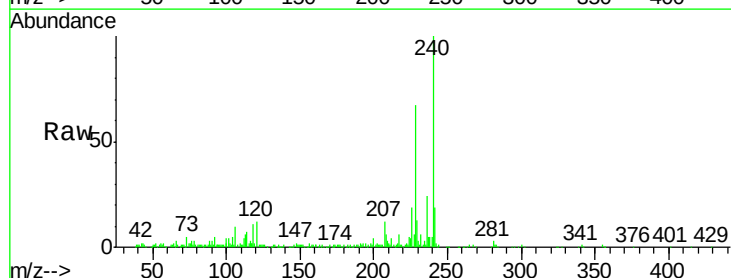
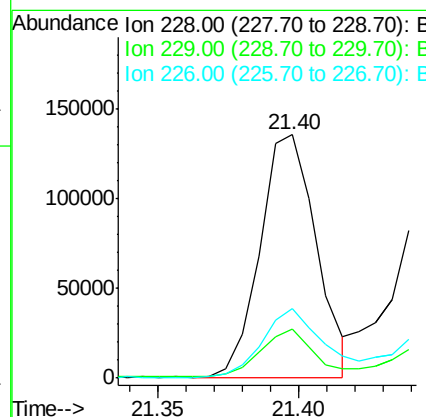
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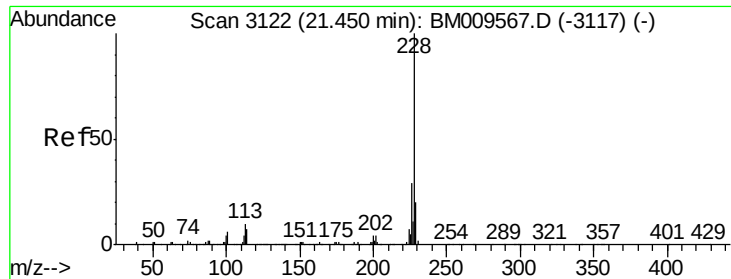
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#21
Benzo(a)anthracene
Concen: 2.97 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.4	22.1	33.1





#22

Chrysene

Concen: 3.25 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM009578.D

Acq: 06 Apr 2017 03:21

Instrument :

BNA_M

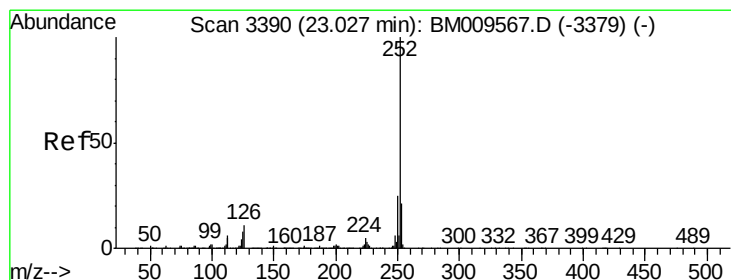
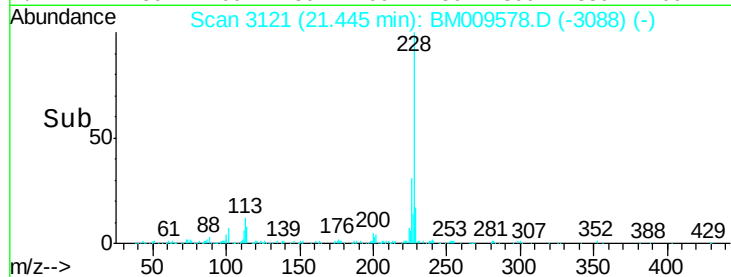
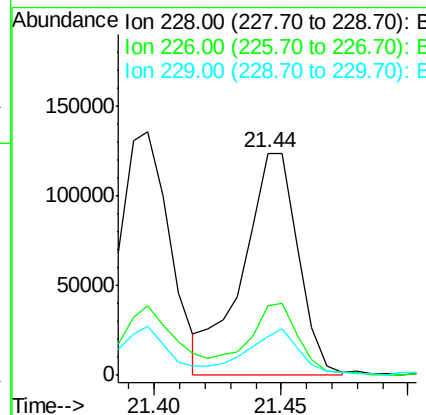
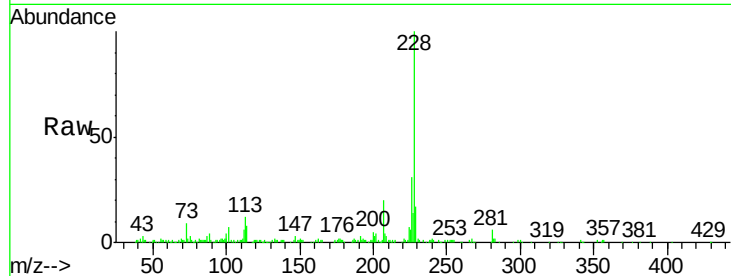
ClientSampled :

CB363

Tot Ion:	228	Resp:	187975
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	17.4	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 3.61 ng/ul

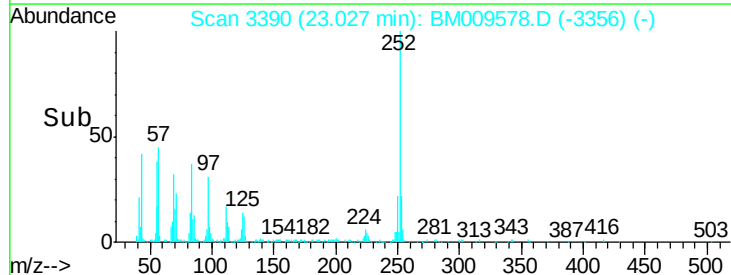
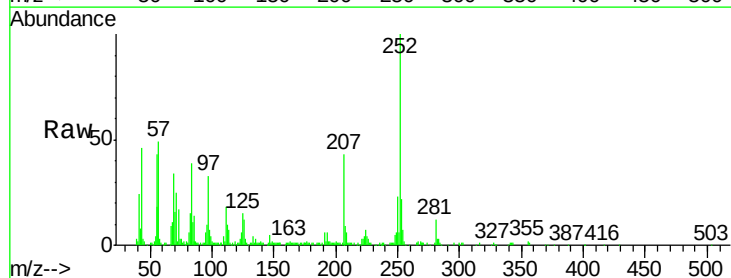
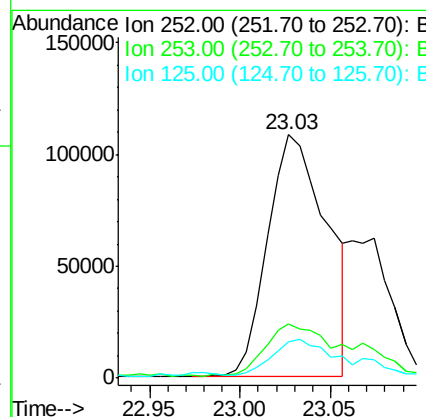
RT: 23.03 min Scan# 3390

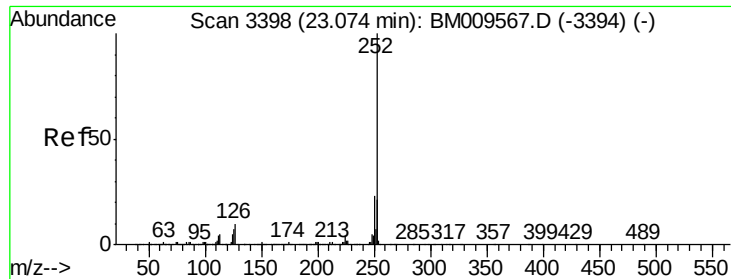
Delta R.T. 0.00 min

Lab File: BM009578.D

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Tgt Ion:	252	Resp:	245756
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	14.7	9.4	14.0#





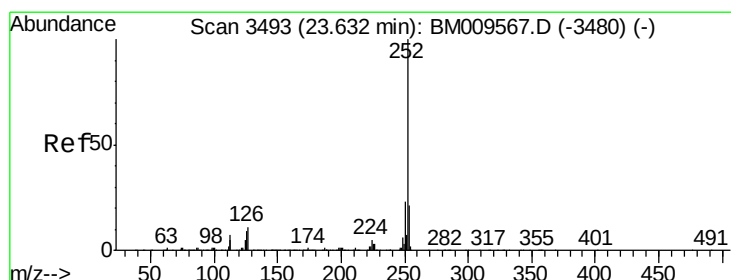
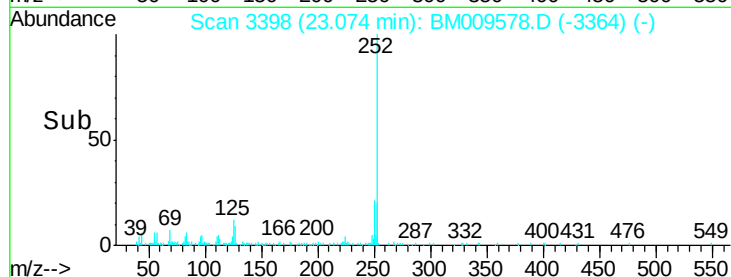
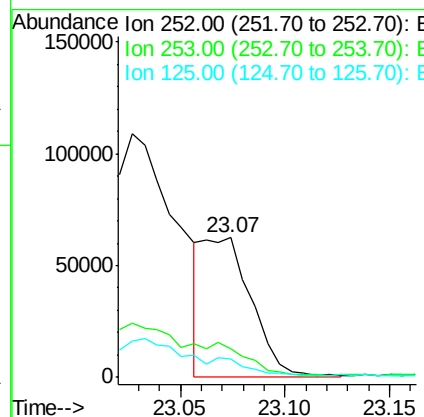
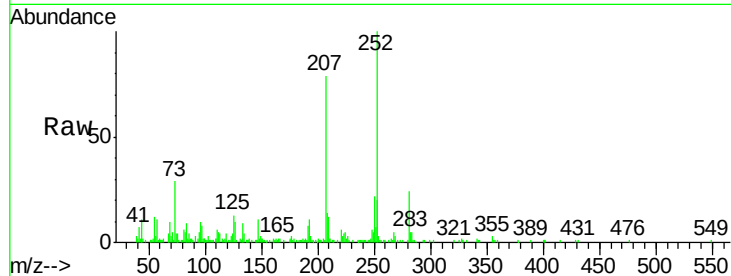
#25
Benzo(k)fluoranthene
Concen: 1.57 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Instrument :
BNA_M
ClientSampled :
CB363

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.4	26.2
125	13.0	8.8	13.2

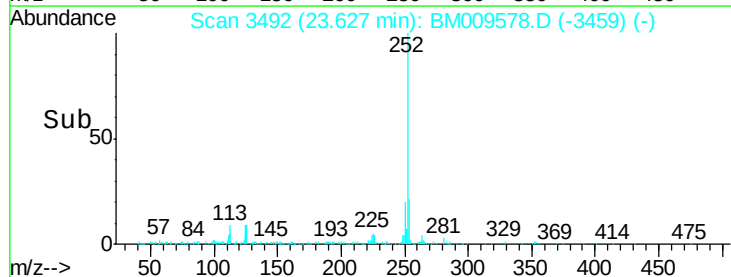
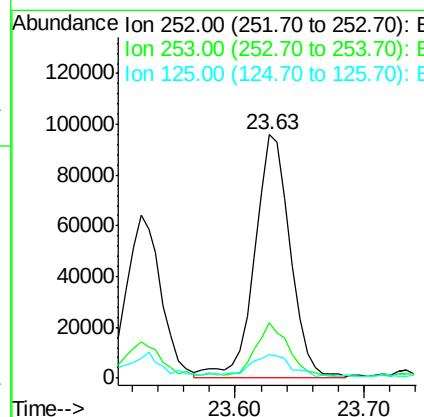
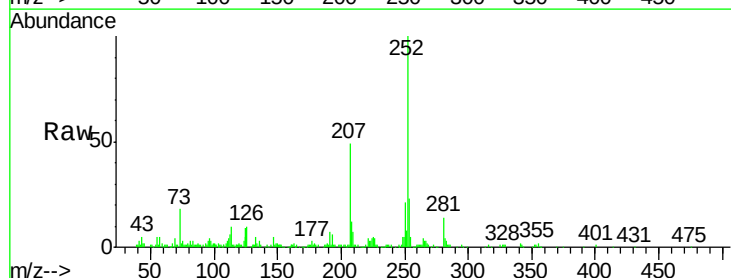
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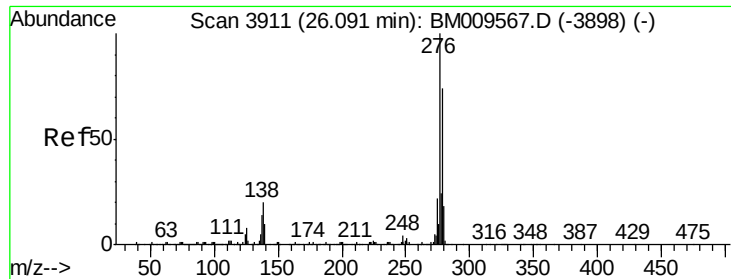
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#27
Benzo(a)pyrene
Concen: 2.85 ng/ul m
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009578.D
Acq: 06 Apr 2017 03:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	9.4	9.4	14.2#





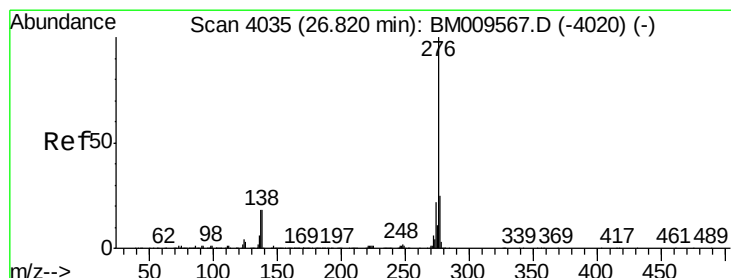
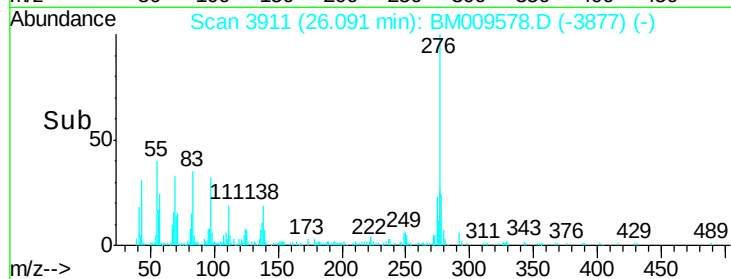
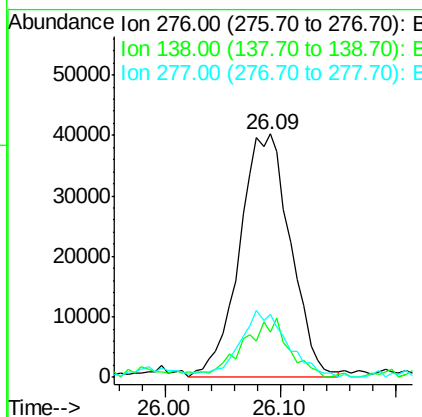
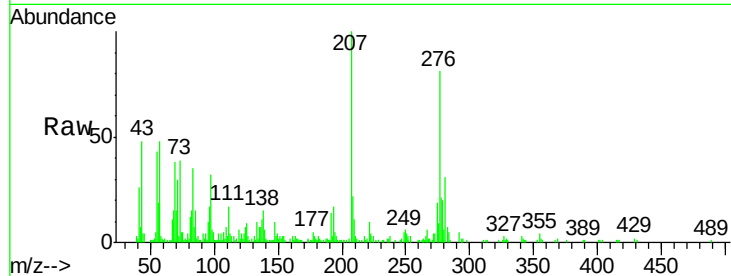
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.71 ng/ul
 RT: 26.09 min Scan# 3911
 Delta R.T. 0.00 min
 Lab File: BM009578.D
 Acq: 06 Apr 2017 03:21

Instrument :
 BNA_M
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 CB363

Tot Ion:276	Resp:	123654
Ion Ratio	Lower	Upper
276 100		
138 18.8	17.8	26.6
277 26.2	19.4	29.0

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#30
 Benzo(g,h,i)perylene
 Concen: 1.74 ng/ul
 RT: 26.82 min Scan# 4035
 Delta R.T. 0.00 min
 Lab File: BM009578.D
 Acq: 06 Apr 2017 03:21

Tgt Ion:276	Resp:	103778
Ion Ratio	Lower	Upper
276 100		
138 16.7	19.0	28.4#
277 26.2	19.7	29.5

