

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009586.D
 Acq On : 06 Apr 2017 10:36
 Operator : SJ/MA
 Sample : I2524-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB357

Manual Integrations
 APPROVED

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Quant Time: Apr 06 11:10:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 10:55:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	127529	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	494024	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	282901	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	647175	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	887754	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	856951	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	162854	21.44	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	626384	22.59	ng/ul	0.00
10) Fluorene-d10	15.48	176	460189	23.08	ng/ul	0.00
15) Anthracene-d10	17.33	188	742805	23.99	ng/ul	0.00
19) Pyrene-d10	19.63	212	911921	25.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	956342	25.28	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.27	178	174168	4.79	ng/ul	97
17) Fluoranthene	19.29	202	254157	5.61	ng/ul#	94
20) Pyrene	19.66	202	290236	6.00	ng/ul	100
21) Benzo(a)anthracene	21.40	228	160329	3.19	ng/ul	99
22) Chrysene	21.45	228	165073	3.59	ng/ul	94
24) Benzo(b)fluoranthene	23.03	252	179048	3.38	ng/ul#	38
25) Benzo(k)fluoranthene	23.07	252	59100m	1.17	ng/ul	
27) Benzo(a)pyrene	23.63	252	125858	2.50	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	26.10	276	87009	1.54	ng/ul	100
30) Benzo(g,h,i)perylene	26.83	276	80437	1.73	ng/ul#	88

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

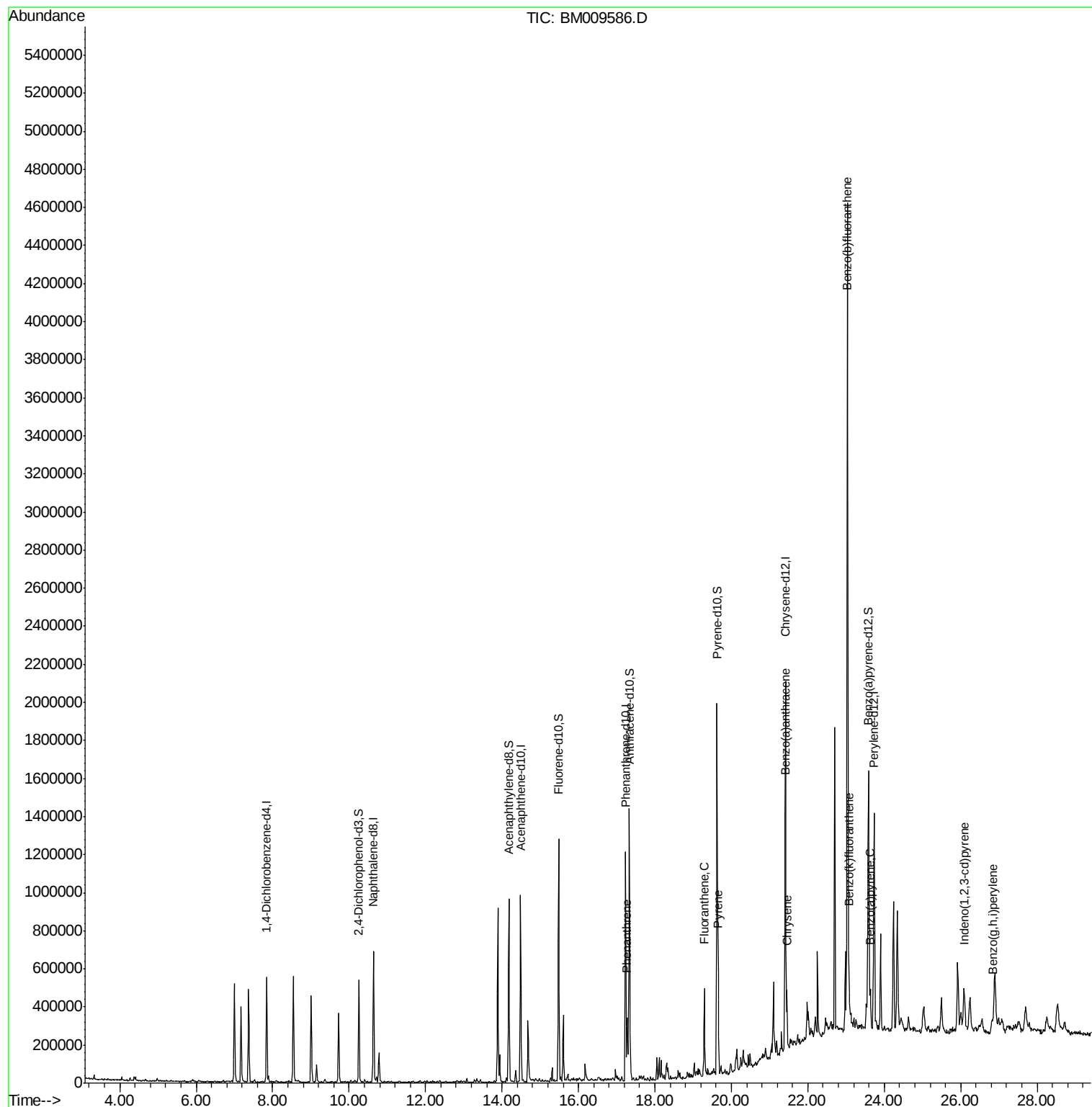
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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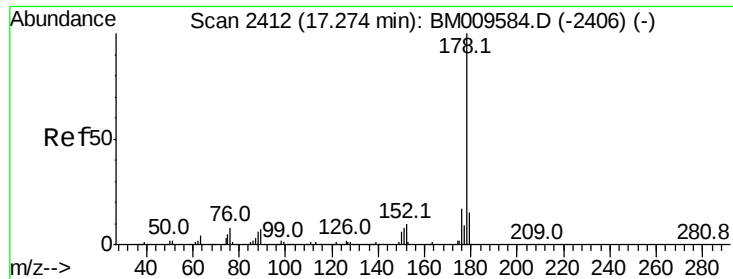
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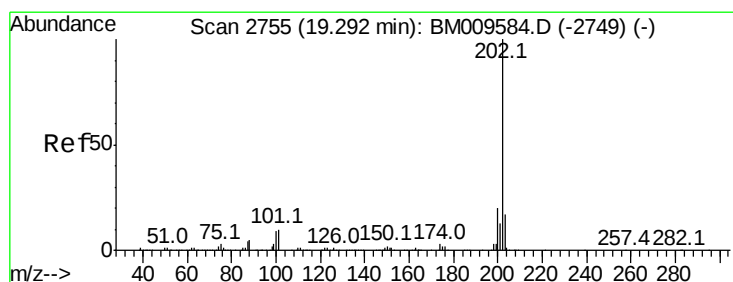
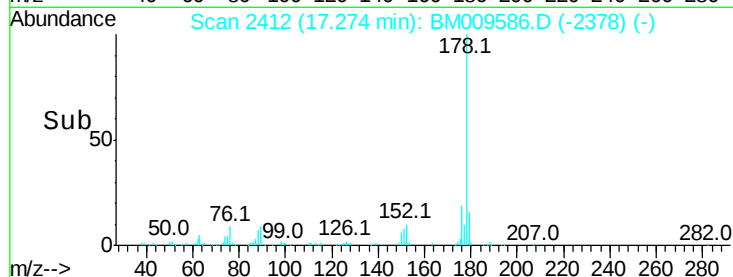
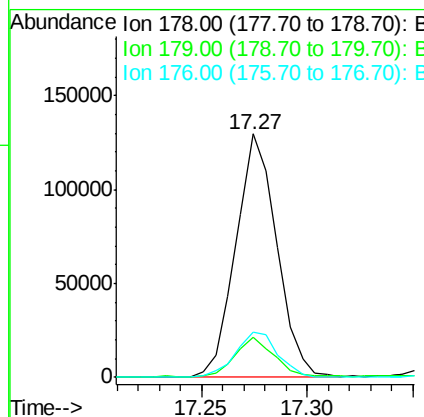
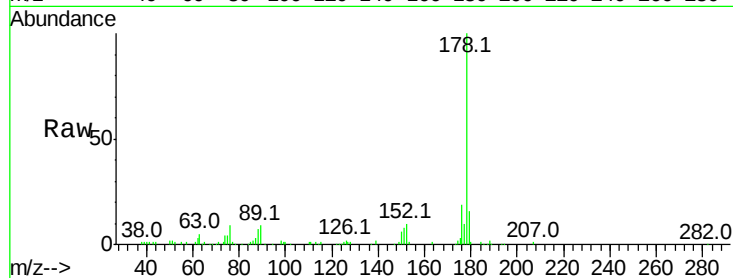
#14
Phenanthrene
Concen: 4.79 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM009586.D
Acq: 06 Apr 2017 10:36

Instrument :
BNA_M
ClientSampleId :
CB357

Tot Ion:	178	Resp:	174168
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.2	18.4
176	18.5	16.4	24.6

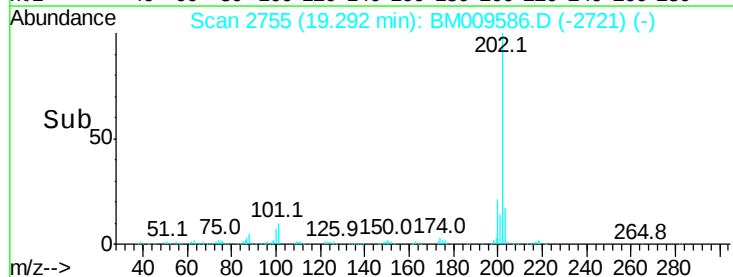
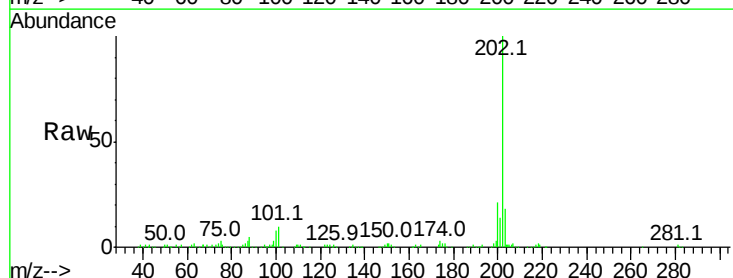
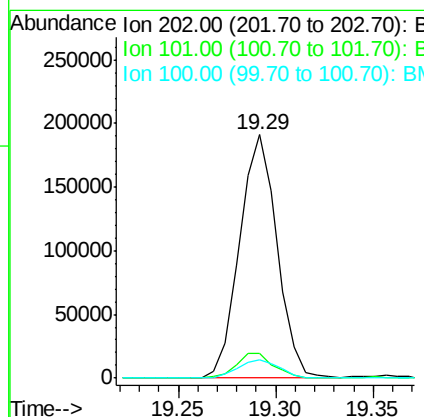
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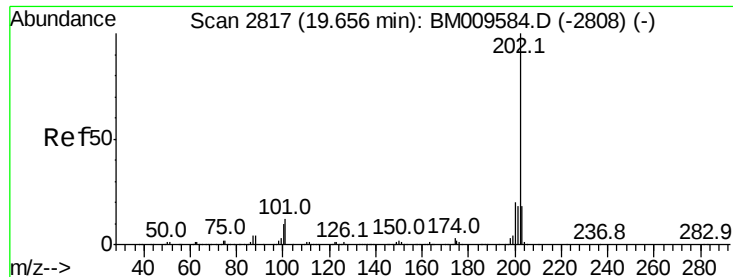
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#17
Fluoranthene
Concen: 5.61 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009586.D
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Tgt Ion:	202	Resp:	254157
Ion Ratio	Lower	Upper	
202	100		
101	10.0	9.8	14.8
100	7.5	7.5	11.3#





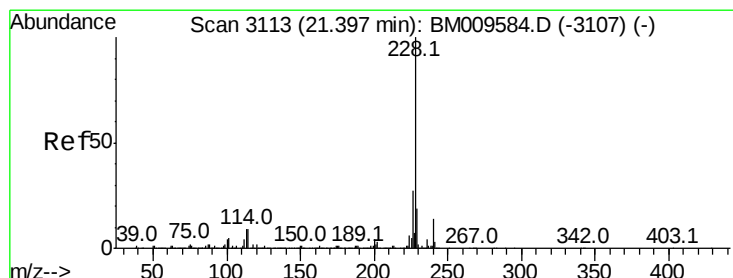
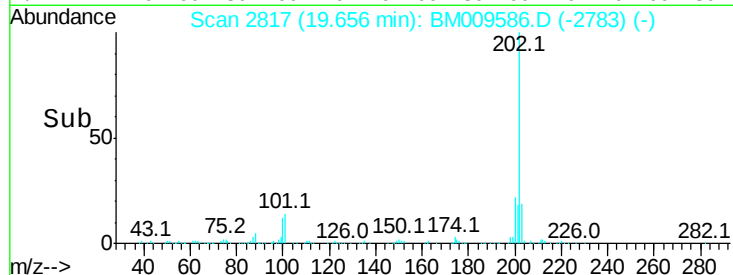
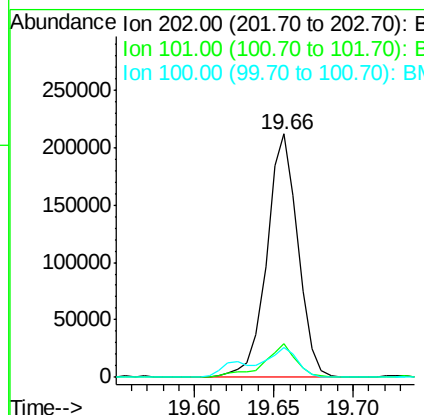
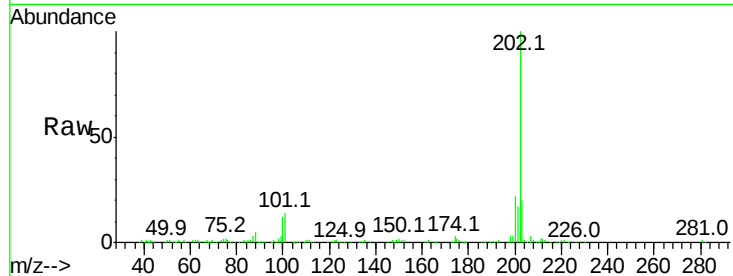
#20
Pvrene
Concen: 6.00 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009586.D
Acq: 06 Apr 2017 10:36

Instrument :
BNA_M
ClientSampled :
CB357

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.9	11.2	16.8		
100	12.2	9.8	14.6		

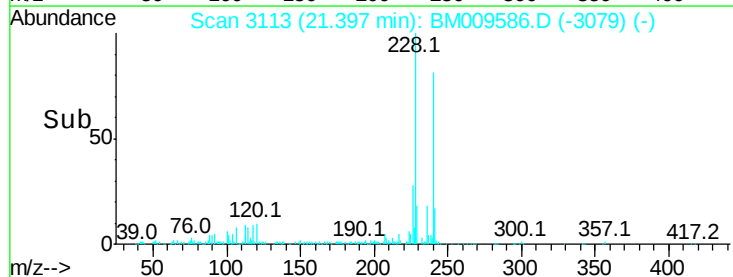
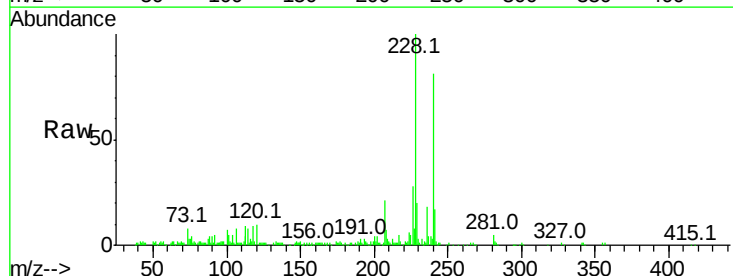
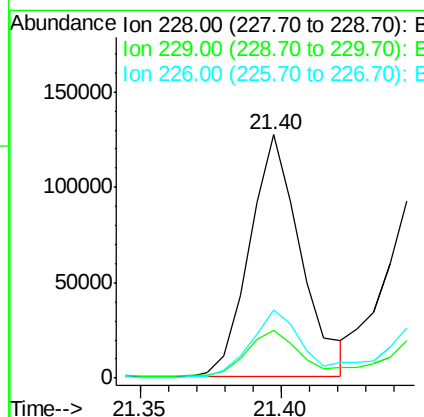
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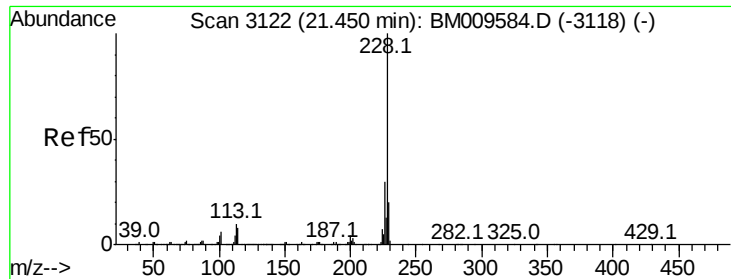
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#21
Benzo(a)anthracene
Concen: 3.19 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009586.D
Acq: 06 Apr 2017 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	19.6	15.9	23.9		
226	27.9	22.1	33.1		





#22

Chrysene

Concen: 3.59 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM009586.D

Acq: 06 Apr 2017 10:36

Instrument :

BNA_M

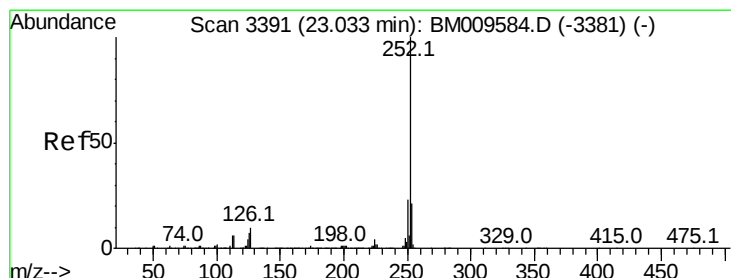
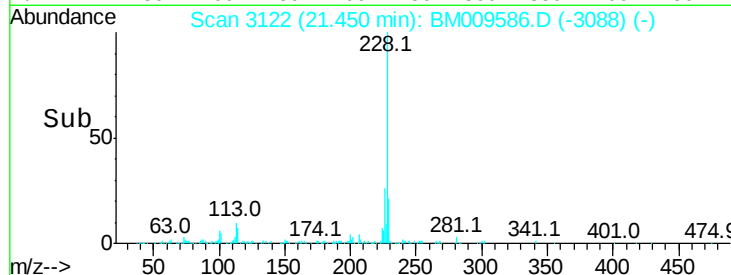
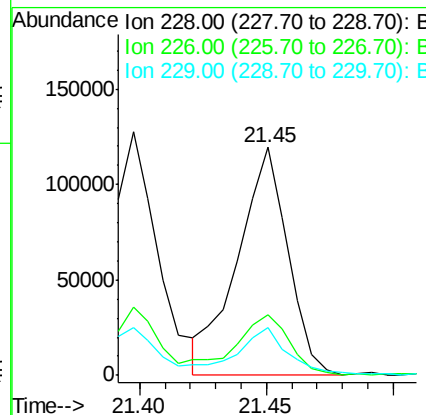
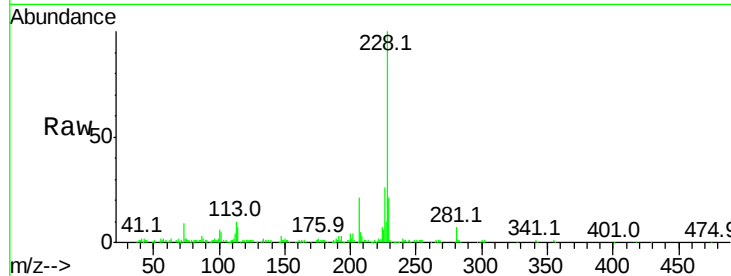
ClientSampleId :

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Tot Ion:	228	Resp:	165073
Ion Ratio	Lower	Upper	
228	100		
226	26.4	25.0	37.6
229	21.2	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 3.38 ng/ul

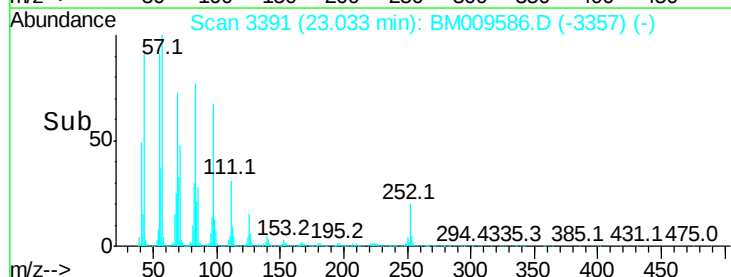
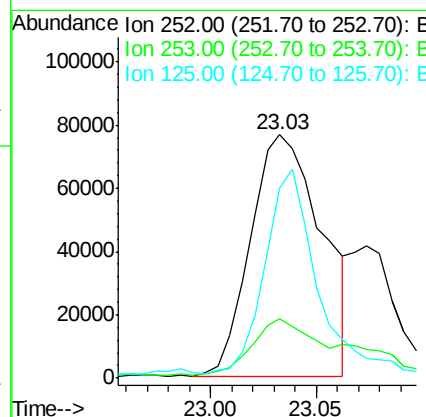
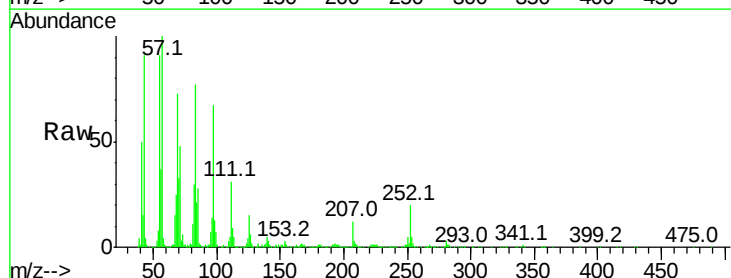
RT: 23.03 min Scan# 3391

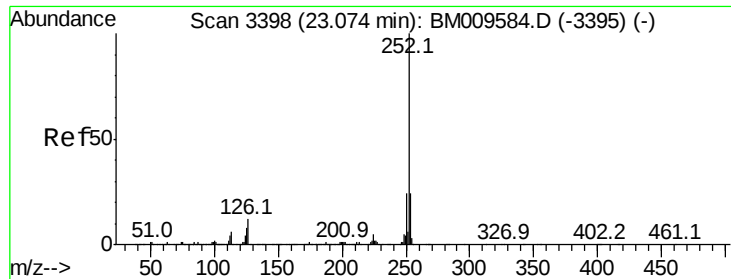
Delta R.T. -0.00 min

Lab File: BM009586.D

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Tgt Ion:	252	Resp:	179048
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.6
125	77.7	9.4	14.0#





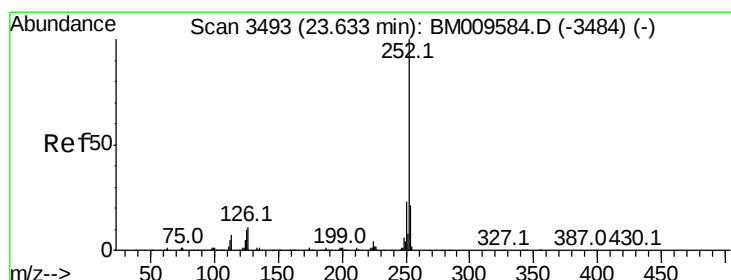
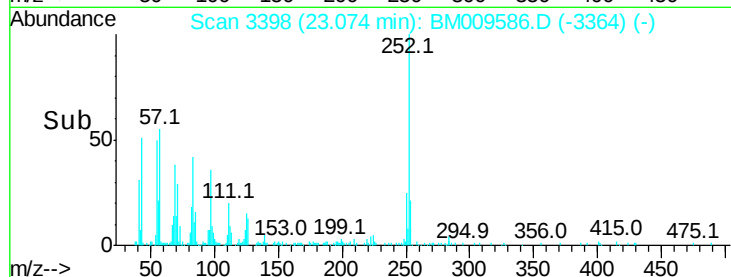
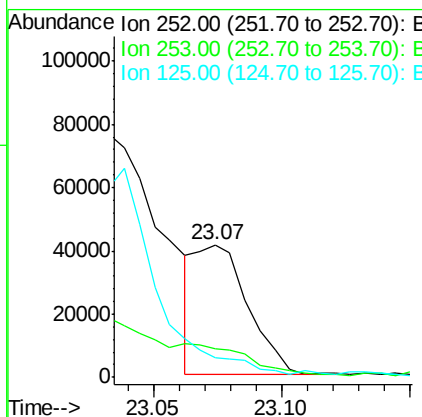
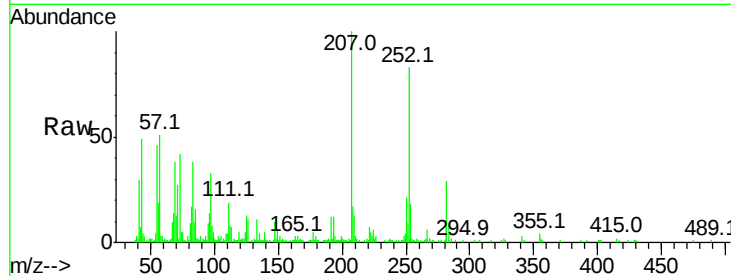
#25
Benzo(k)fluoranthene
Concen: 1.17 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. -0.00 min
Lab File: BM009586.D
Acq: 06 Apr 2017 10:36

Instrument :
BNA_M
ClientSampled :
CB357

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	15.2	8.8	13.2

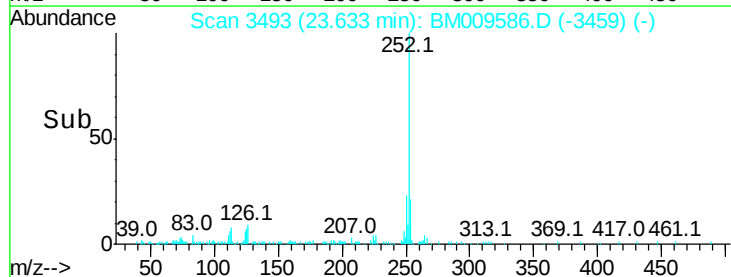
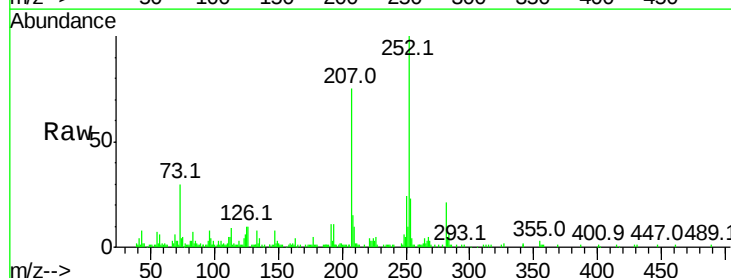
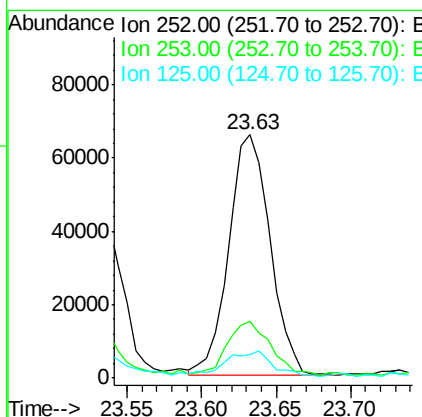
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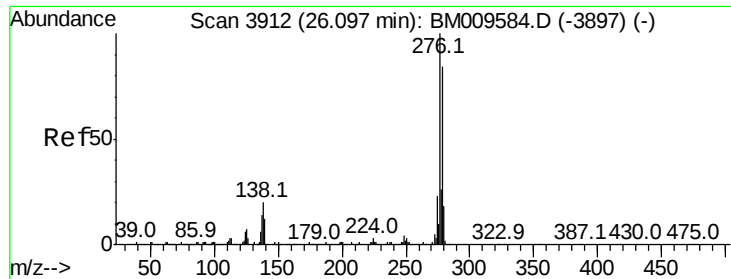
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#27
Benzo(a)pyrene
Concen: 2.50 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM009586.D
Acq: 06 Apr 2017 10:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	9.7	9.4	14.2





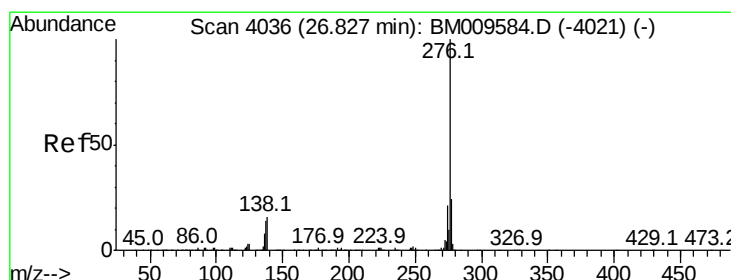
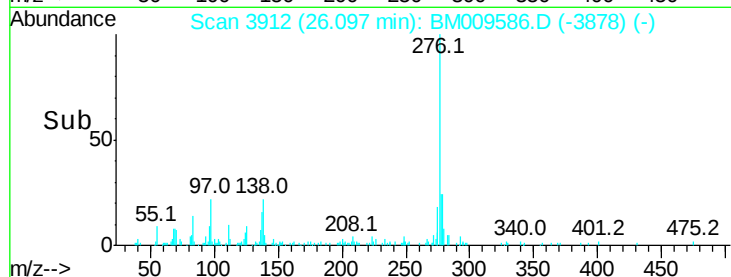
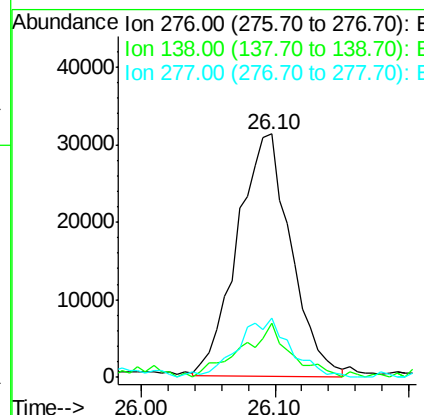
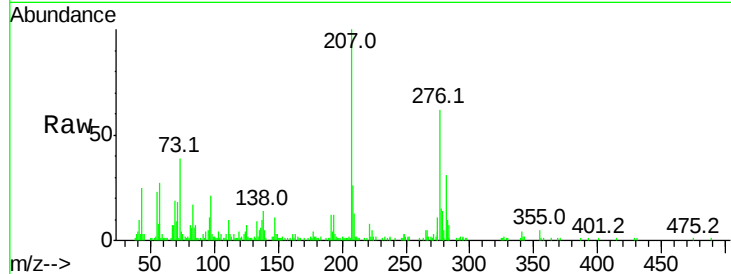
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 1.54 ng/ul
 RT: 26.10 min Scan# 3912
 Delta R.T. -0.00 min
 Lab File: BM009586.D
 Acq: 06 Apr 2017 10:36

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.8	26.6
277	24.5	19.4	29.0

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#30
 Benzo(g,h,i)perylene
 Concen: 1.73 ng/ul
 RT: 26.83 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: BM009586.D
 Acq: 06 Apr 2017 10:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	19.0	28.4#
277	21.8	19.7	29.5

