

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009587.D
 Acq On : 06 Apr 2017 11:12
 Operator : SJ/MA
 Sample : I2524-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB364

Manual Integrations
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Quant Time: Apr 06 12:39:35 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	135048	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	517230	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	291565	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	675350	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	931595	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	921358	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	27276	3.43	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	397654	13.92	ng/ul	0.00
10) Fluorene-d10	15.48	176	315088	15.33	ng/ul	0.00
15) Anthracene-d10	17.33	188	494183	15.29	ng/ul	0.00
19) Pyrene-d10	19.63	212	605523	15.82	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	640347	15.74	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.27	178	323764	8.53	ng/ul	Qvalue 96
16) Anthracene	17.36	178	73083m	1.86	ng/ul	
17) Fluoranthene	19.29	202	806133	17.05	ng/ul#	94
20) Pyrene	19.66	202	787464	15.52	ng/ul	94
21) Benzo(a)anthracene	21.40	228	519847	9.87	ng/ul	99
22) Chrysene	21.45	228	513014	10.63	ng/ul	95
24) Benzo(b)fluoranthene	23.03	252	696045	12.21	ng/ul	97
25) Benzo(k)fluoranthene	23.07	252	219959m	4.05	ng/ul	
27) Benzo(a)pyrene	23.63	252	482051	8.90	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	321502m	5.29	ng/ul	
29) Dibenzo(a,h)anthracene	26.09	278	93737m	1.82	ng/ul	
30) Benzo(a,h,i)perylene	26.82	276	297603	5.94	ng/ul#	90

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

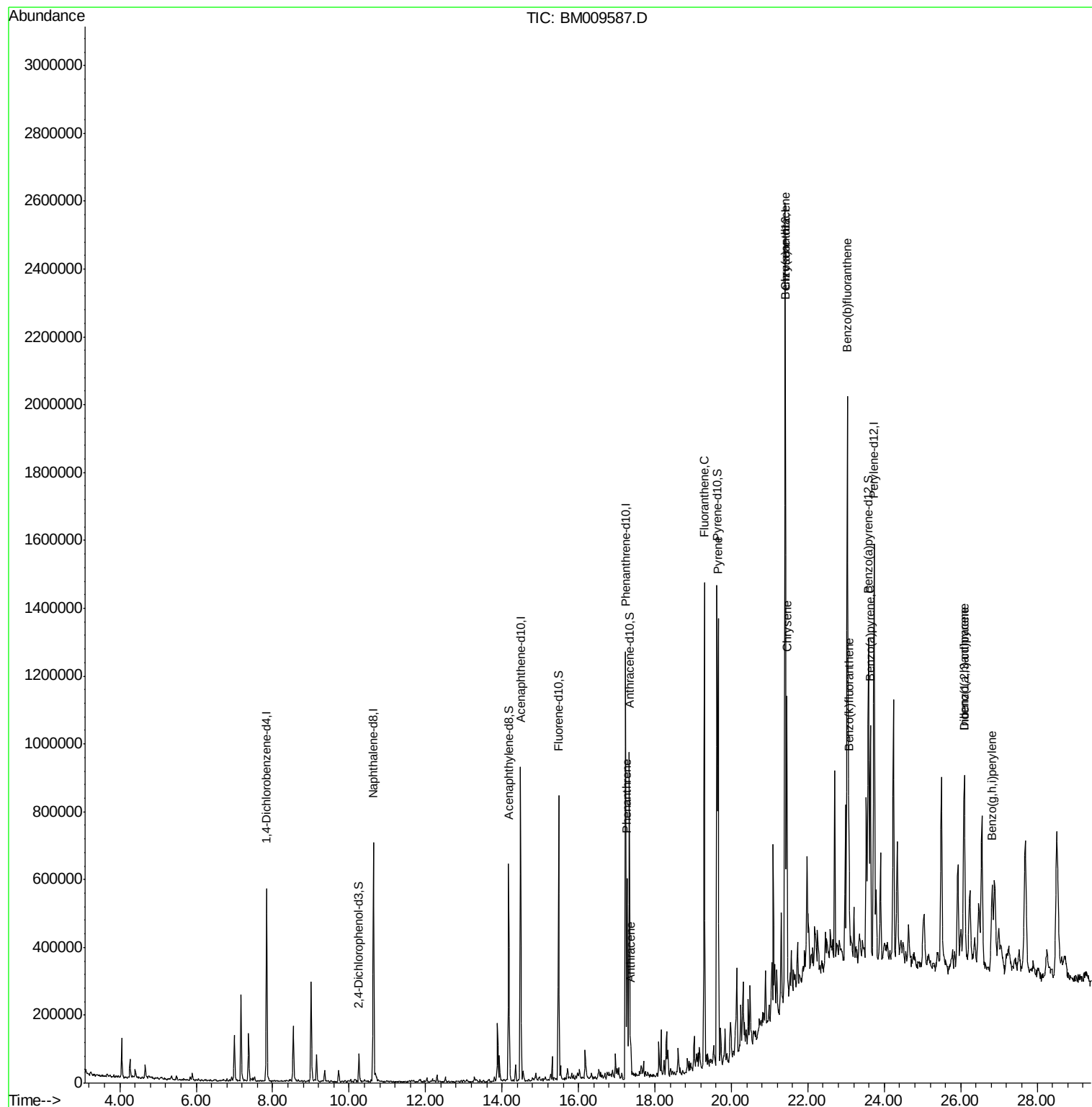
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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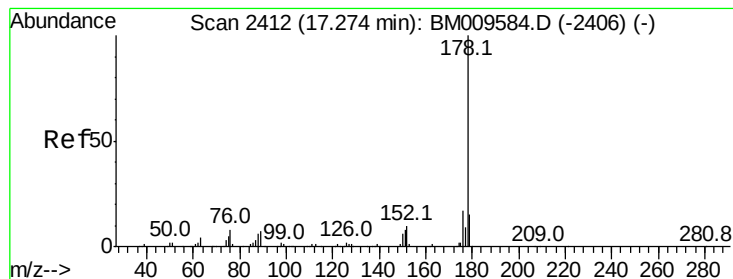
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#14

Phenanthrene

Concen: 8.53 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM009587.D

Acq: 06 Apr 2017 11:12

Instrument :

BNA_M

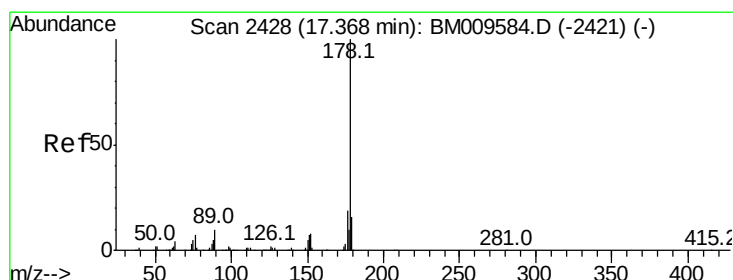
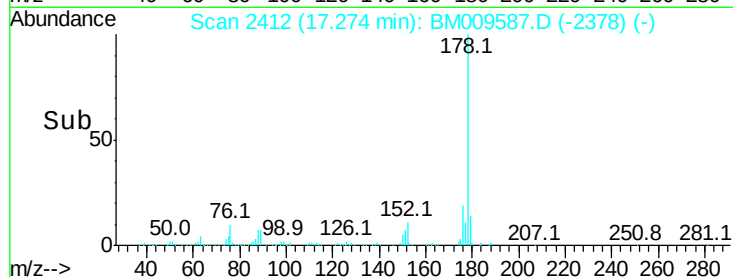
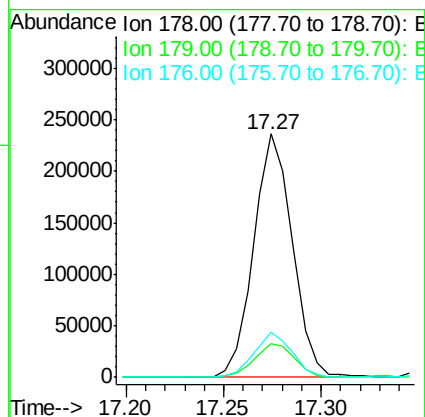
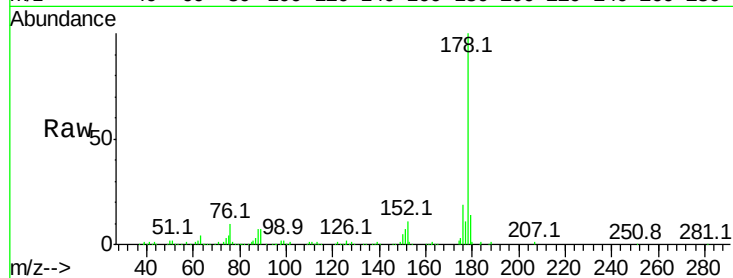
ClientSampleId :

CB364

Tot Ion:178	Resp:	323764
Ion Ratio	Lower	Upper
178	100	
179	14.1	12.2 18.4
176	18.6	16.4 24.6

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#16

Anthracene

Concen: 1.86 ng/ul m

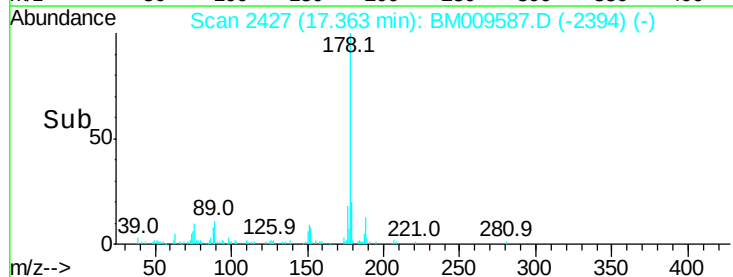
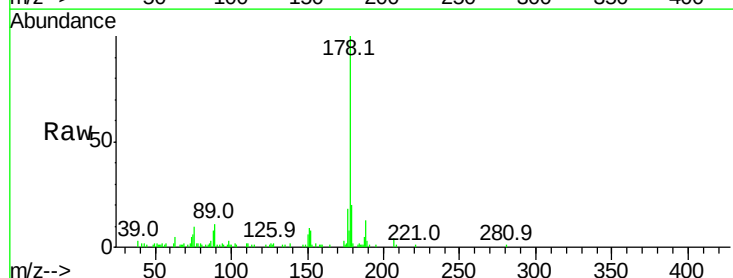
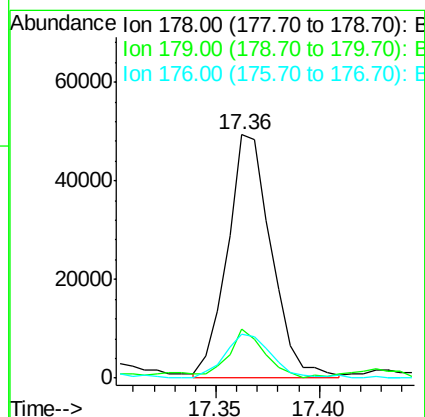
RT: 17.36 min Scan# 2427

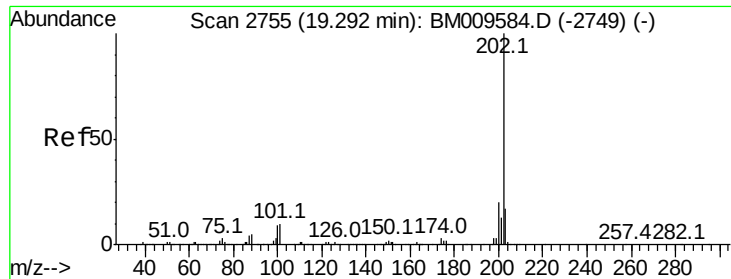
Delta R.T. -0.01 min

Lab File: BM009587.D

Acq: 06 Apr 2017 11:12

Tgt Ion:178	Resp:	73083
Ion Ratio	Lower	Upper
178	100	
179	19.9	12.7 19.1#
176	17.9	15.8 23.8





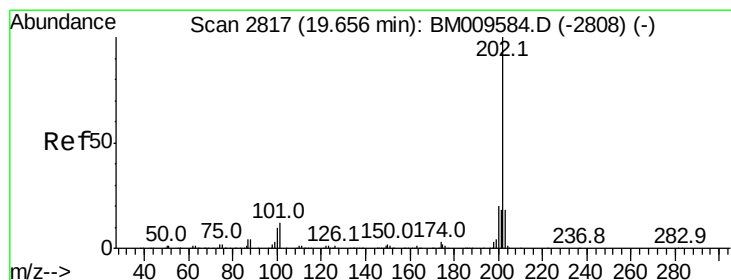
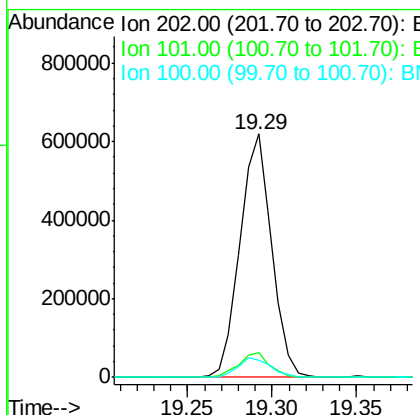
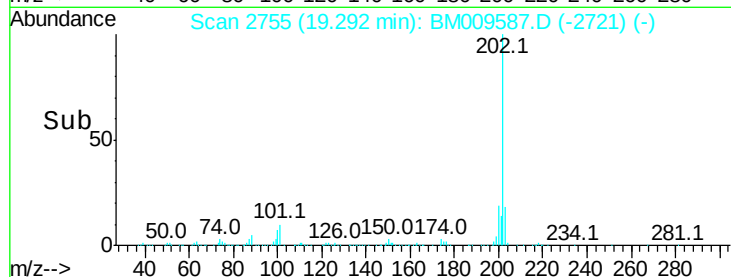
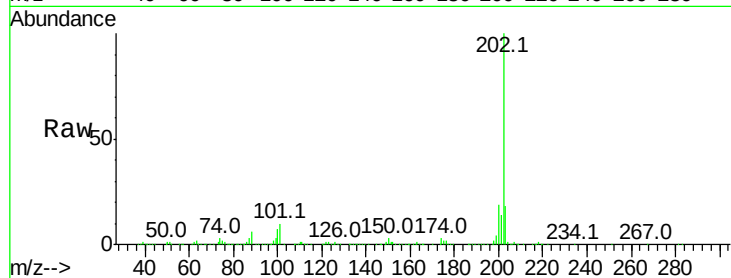
#17
Fluoranthene
 Concen: 17.05 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009587.D
 Acq: 06 Apr 2017 11:12

Instrument :
 BNA_M
 ClientSampleId :
 CB364

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	9.8	14.8
100	7.2	7.5	11.3

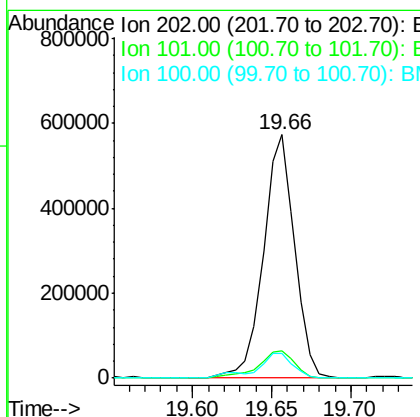
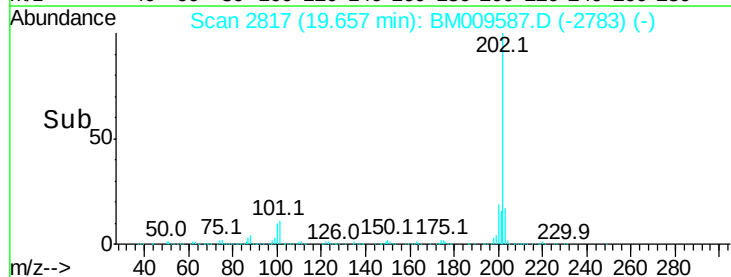
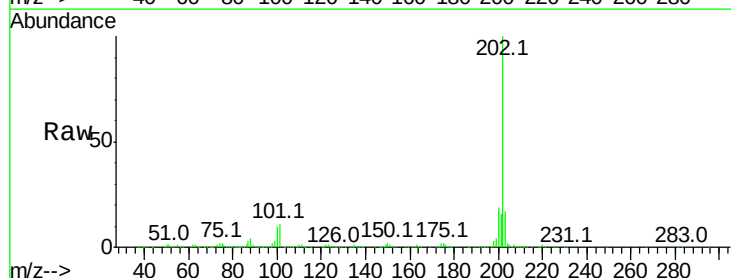
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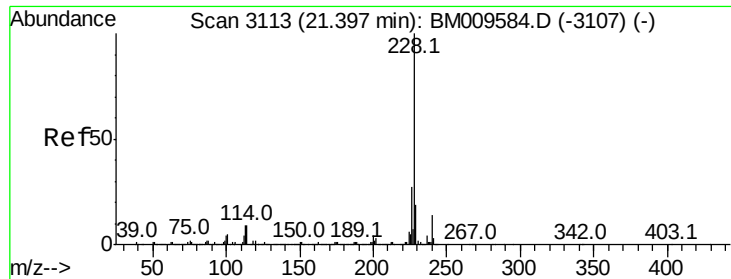
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#20
Pyrene
 Concen: 15.52 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009587.D
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	11.2	16.8
100	10.2	9.8	14.6





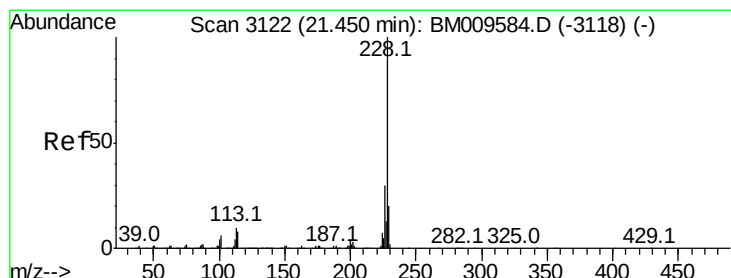
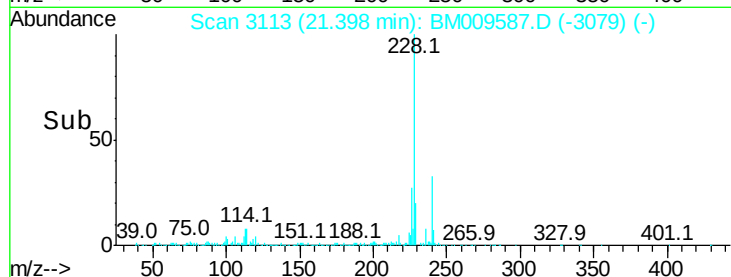
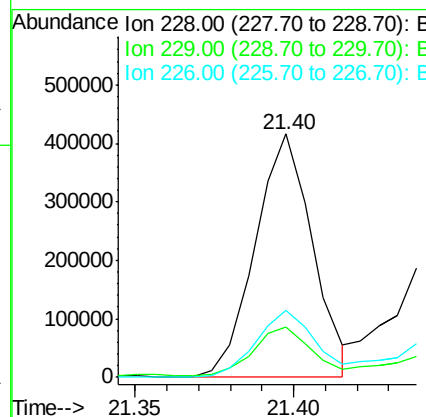
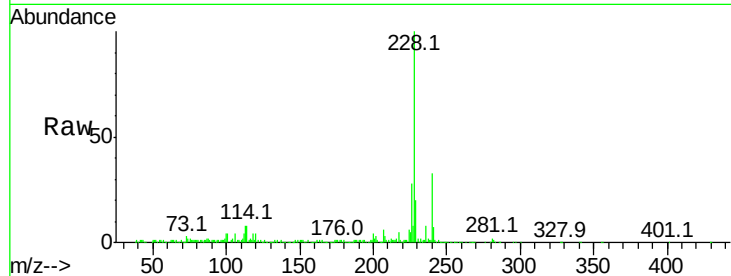
#21
Benzo(a)anthracene
Concen: 9.87 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009587.D
Acq: 06 Apr 2017 11:12

Instrument :
BNA_M
ClientSampled :
CB364

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.8	22.1	33.1

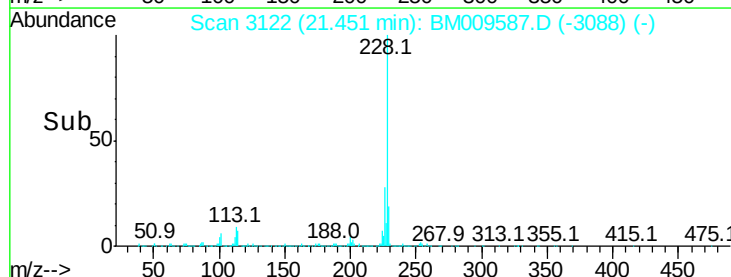
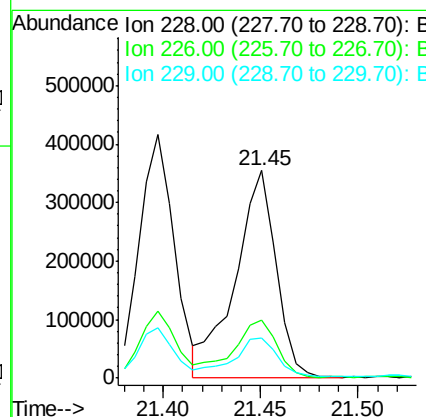
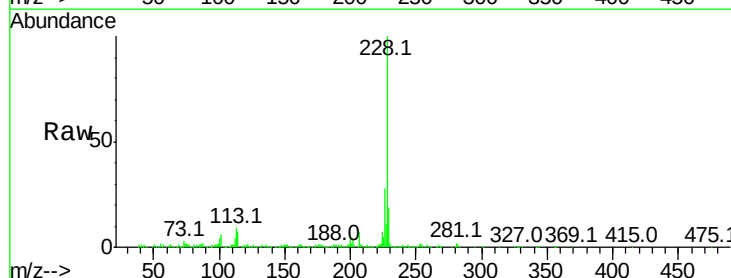
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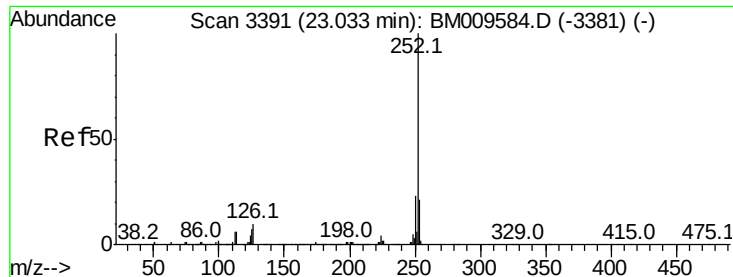
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#22
Chrysene
Concen: 10.63 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009587.D
Acq: 06 Apr 2017 11:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	19.2	16.6	25.0





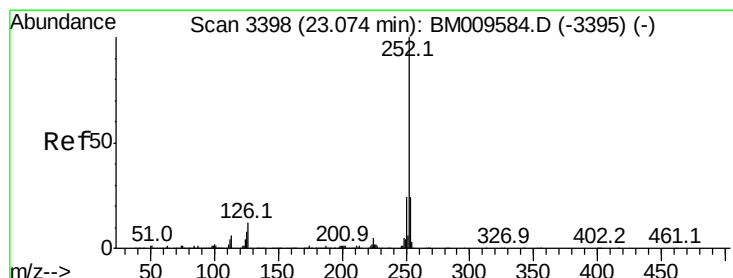
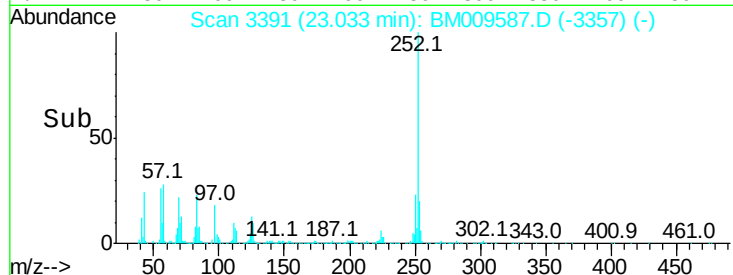
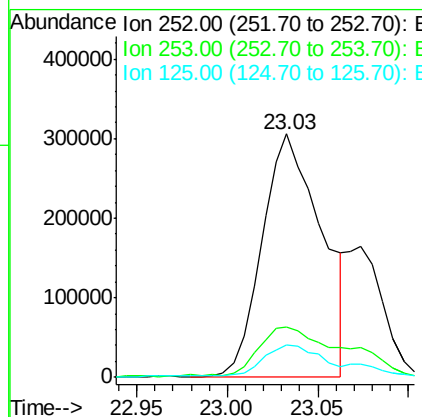
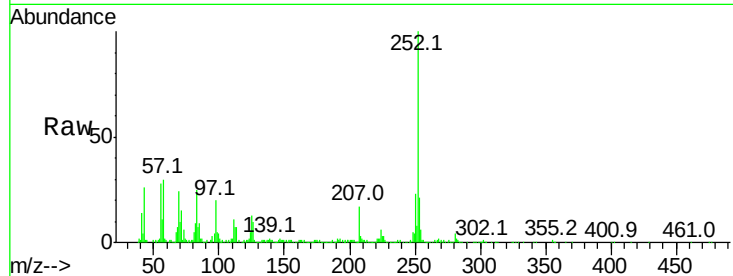
#24
Benzo(b)fluoranthene
Concen: 12.21 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.00 min
Lab File: BM009587.D
Acq: 06 Apr 2017 11:12

Instrument :
BNA_M
ClientSampleId :
CB364

Tot Ion	Ratio	Resp	Lower	Upper
252	100	696045		
253	20.9		17.8	26.6
125	13.4		9.4	14.0

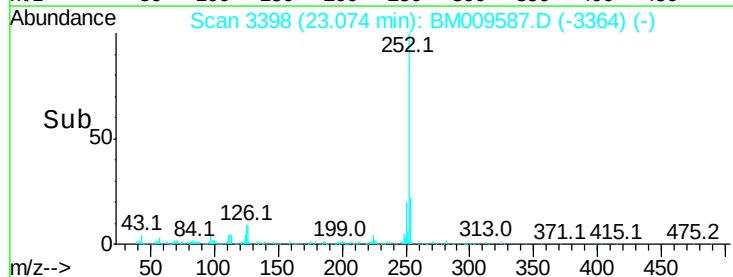
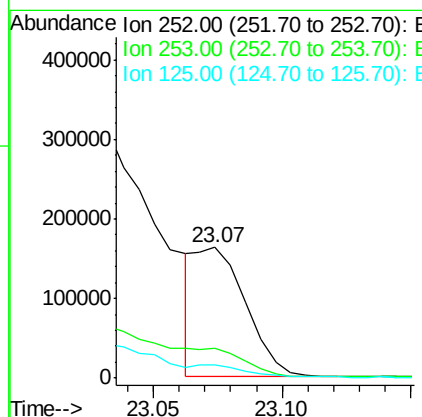
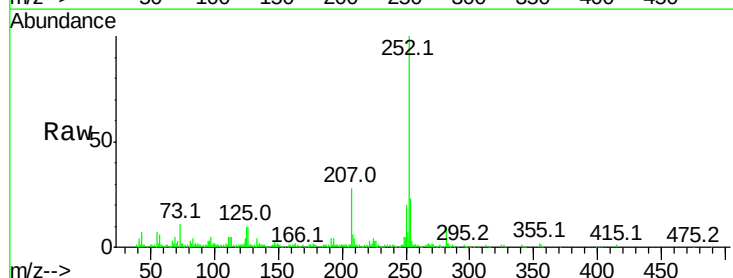
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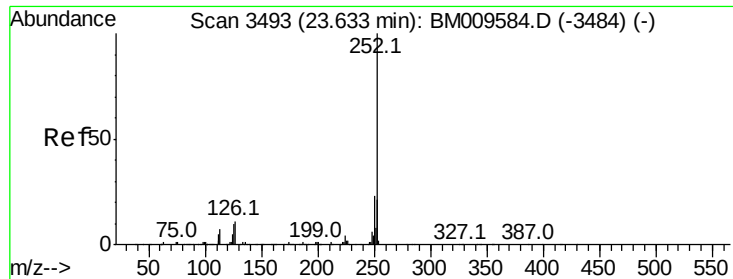
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#25
Benzo(k)fluoranthene
Concen: 4.05 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM009587.D
Acq: 06 Apr 2017 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	219959		
253	23.0		17.4	26.2
125	10.2		8.8	13.2





#27

Benzo(a)pyrene

Concen: 8.90 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM009587.D

Acq: 06 Apr 2017 11:12

Instrument :

BNA_M

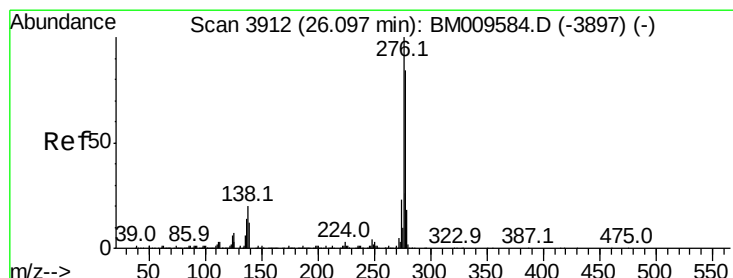
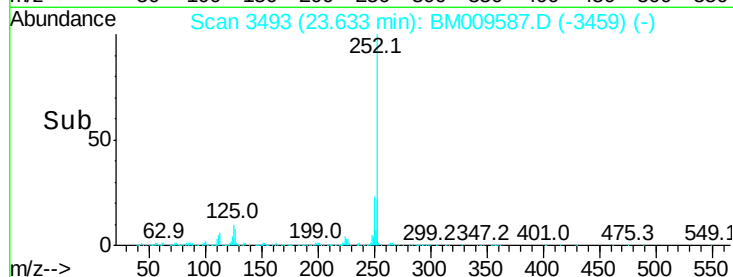
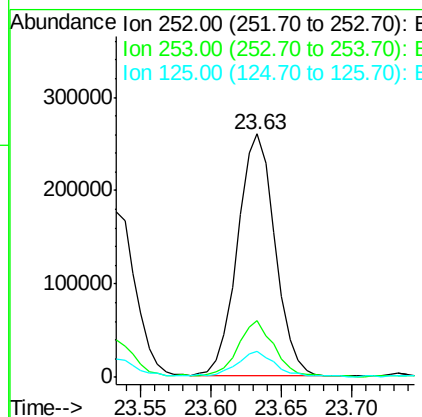
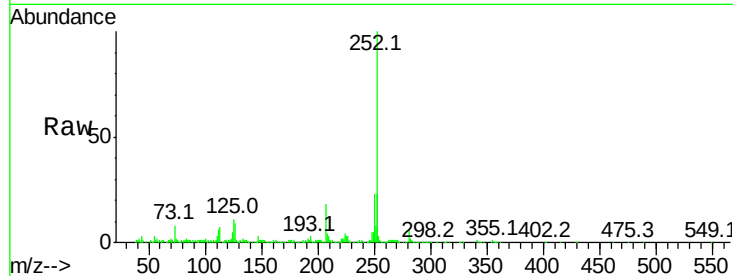
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Tot Ion:	252	Resp:	482051
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	10.8	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 5.29 ng/ul m

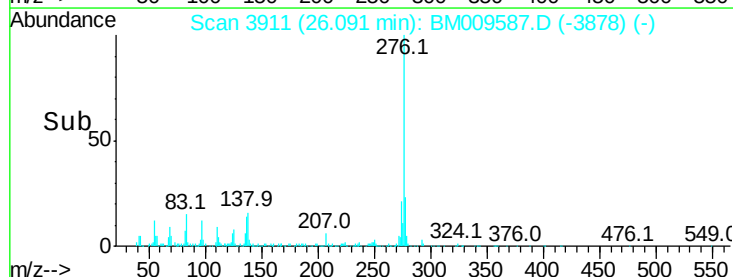
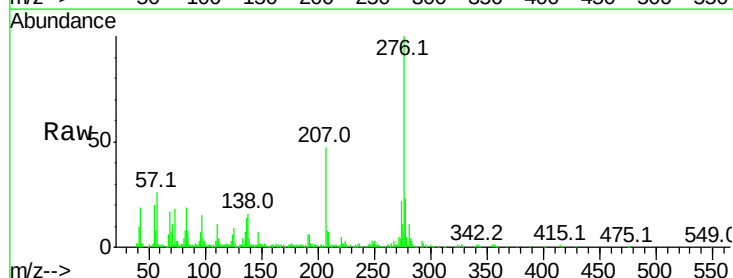
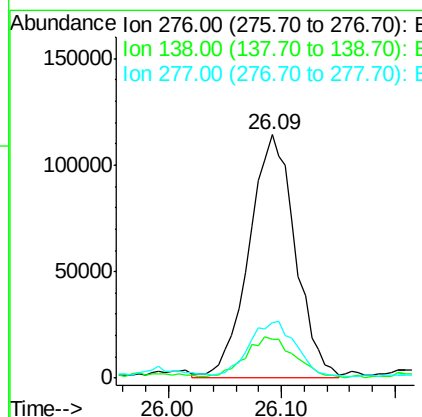
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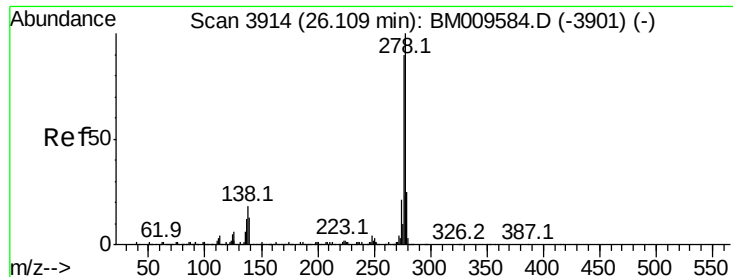
Delta R.T. -0.01 min

Lab File: BM009587.D

Acq: 06 Apr 2017 11:12

Tgt Ion:	276	Resp:	321502
Ion Ratio	Lower	Upper	
276	100		
138	16.1	17.8	26.6#
277	22.6	19.4	29.0





#29

Dibenzo(a,h)anthracene

Concen: 1.82 ng/ul m

RT: 26.09 min Scan# 3911

Delta R.T. -0.02 min

Lab File: BM009587.D

Acq: 06 Apr 2017 11:12

Instrument :

BNA_M

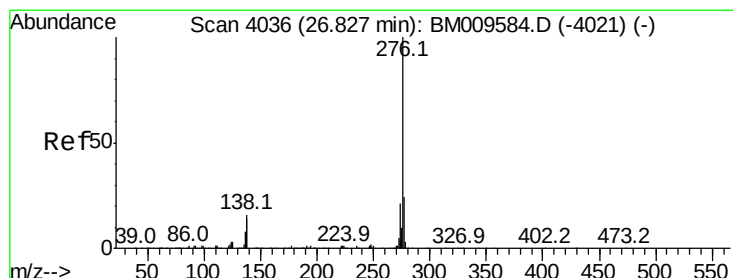
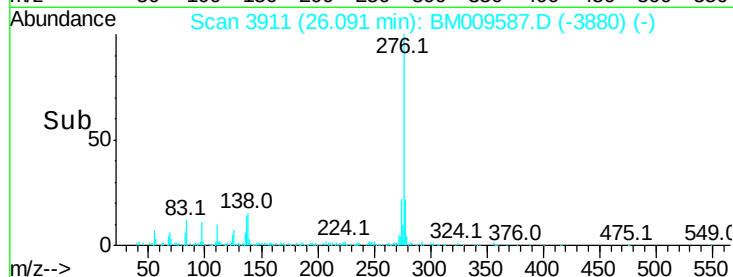
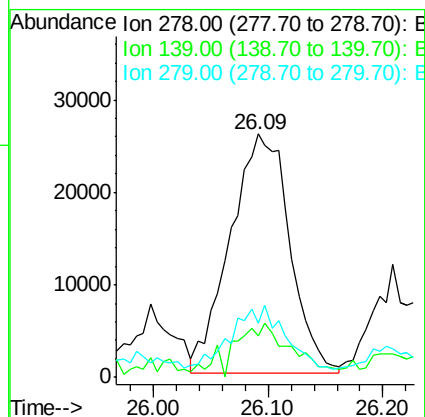
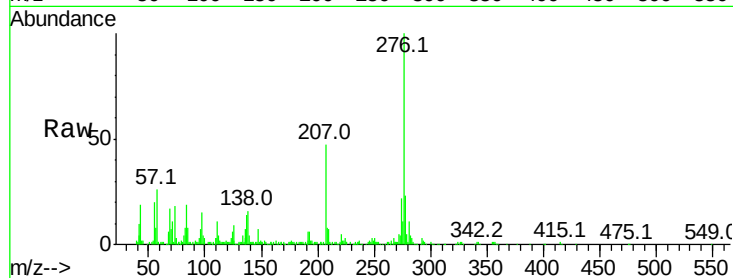
ClientSampleId :

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Tot Ion:	278	Resp:	93737
Ion Ratio	Lower	Upper	
278	100		
139	17.0	14.0	21.0
279	22.0	20.6	31.0

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#30

Benzo(g,h,i)perylene

Concen: 5.94 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. -0.01 min

Lab File: BM009587.D

Acq: 06 Apr 2017 11:12

Tgt Ion:	276	Resp:	297603
Ion Ratio	Lower	Upper	
276	100		
138	14.4	19.0	28.4#
277	24.2	19.7	29.5

