

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009566.D
 Acq On : 05 Apr 2017 20:10
 Operator : SJ/MA
 Sample : I2524-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB326

Manual Integrations
 APPROVED

mohammad
 4/6/2017 11:38:46 AM

Quant Time: Apr 06 03:45:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:22:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	140898	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	558934	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	311105	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	748051	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1035078	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1019101	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	21989	2.56	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	477189	15.65	ng/ul	0.00
10) Fluorene-d10	15.48	176	384888	17.55	ng/ul	0.00
15) Anthracene-d10	17.33	188	619624	17.31	ng/ul	0.00
19) Pyrene-d10	19.63	212	770952	18.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	765704	17.02	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.27	178	437537	10.40	ng/ul	Qvalue 97
16) Anthracene	17.36	178	83814	1.93	ng/ul	97
17) Fluoranthene	19.29	202	836621	15.97	ng/ul	95
20) Pyrene	19.66	202	821683	14.58	ng/ul	95
21) Benzo(a)anthracene	21.40	228	494104	8.44	ng/ul	98
22) Chrysene	21.45	228	488409	9.10	ng/ul	96
24) Benzo(b)fluoranthene	23.03	252	606422	9.62	ng/ul	97
25) Benzo(k)fluoranthene	23.07	252	189003m	3.15	ng/ul	
27) Benzo(a)pyrene	23.63	252	405866m	6.77	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	264001	3.93	ng/ul	95
29) Dibenzo(a,h)anthracene	26.09	278	73951m	1.30	ng/ul	
30) Benzo(a,h,i)perylene	26.81	276	229525	4.14	ng/ul	95

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

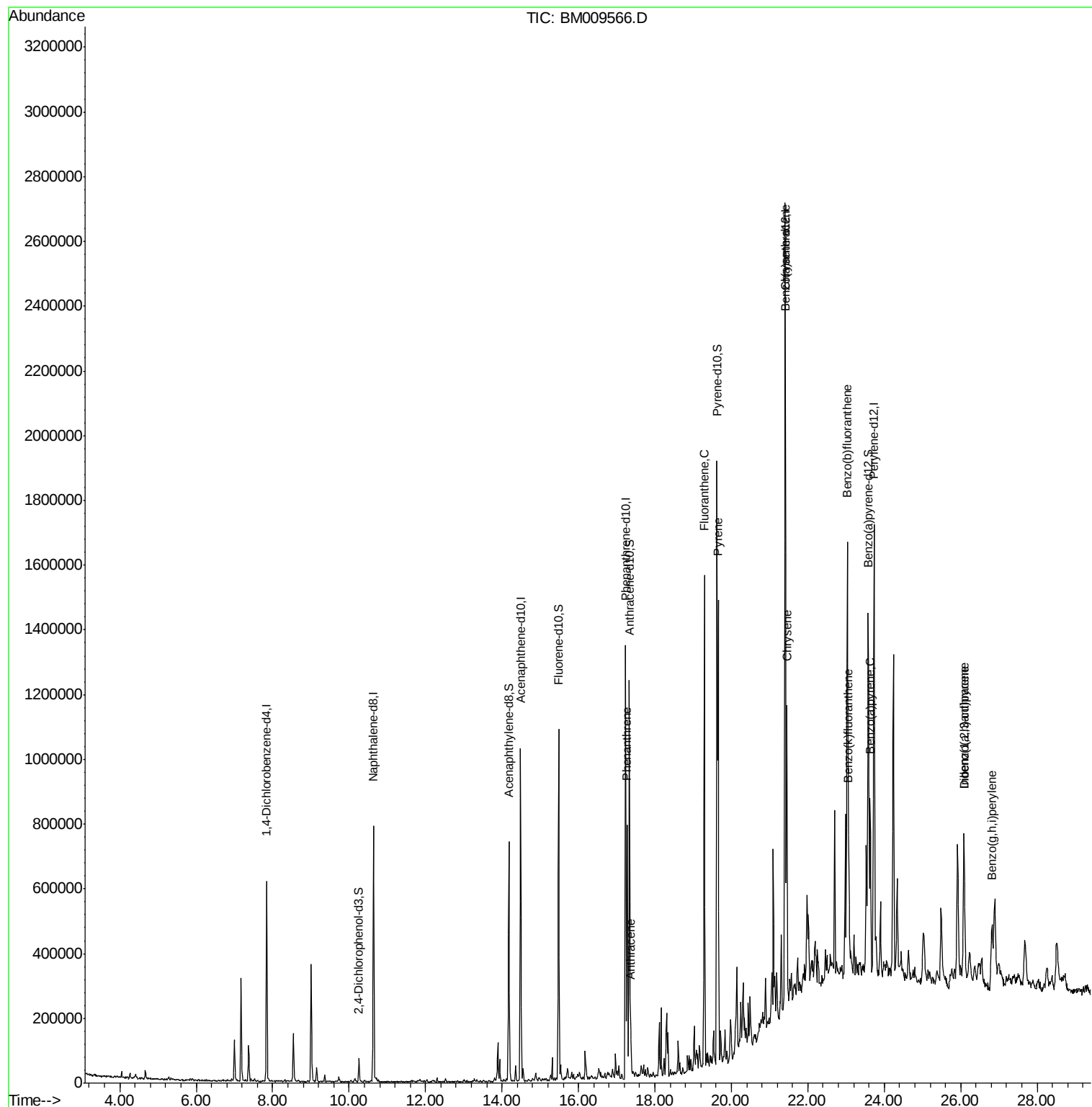
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009566.D
Acq On : 05 Apr 2017 20:10
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ALS Vial : 15 Sample Multiplier: 1

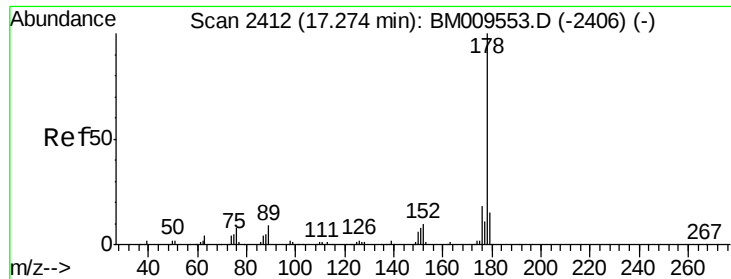
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
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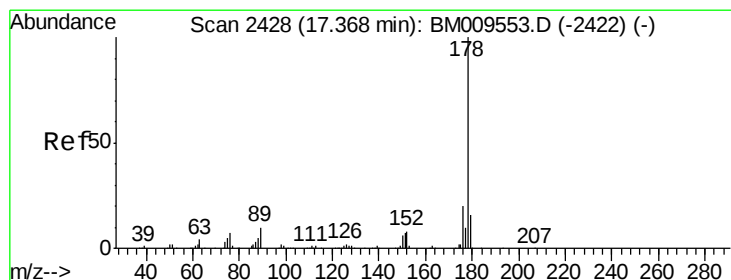
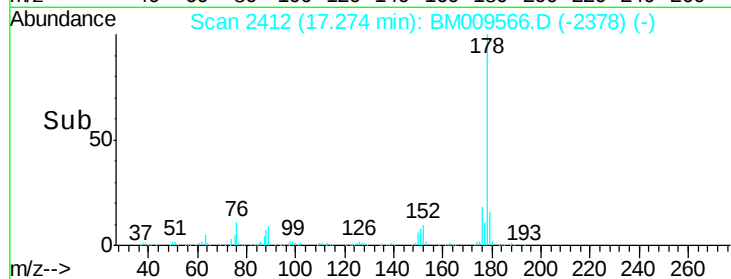
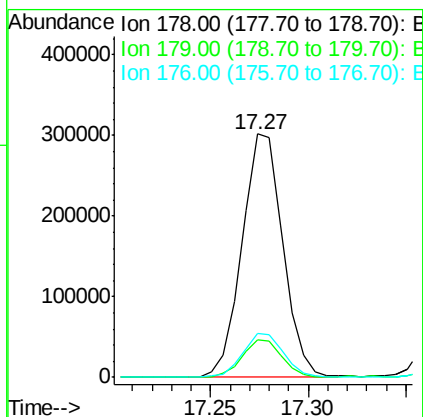
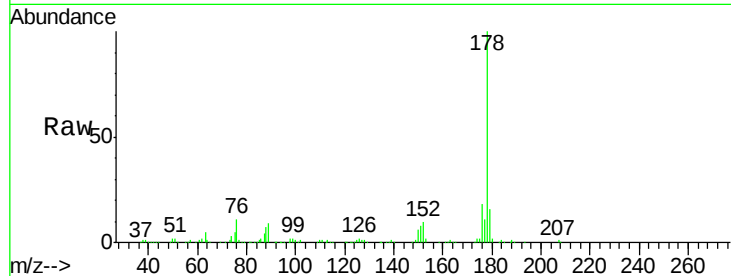
#14
Phenanthrene
Concen: 10.40 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Instrument :
BNA_M
ClientSampleId :
CB326

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.0	16.4	24.6

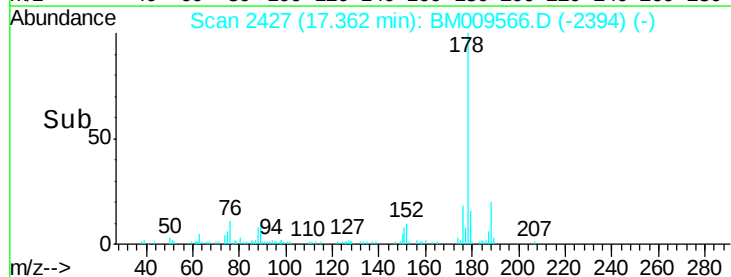
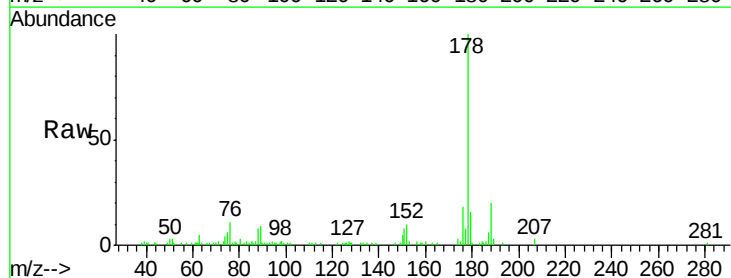
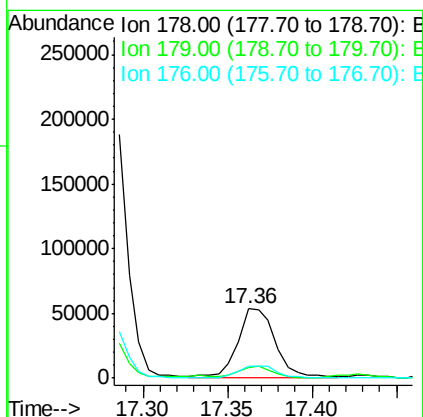
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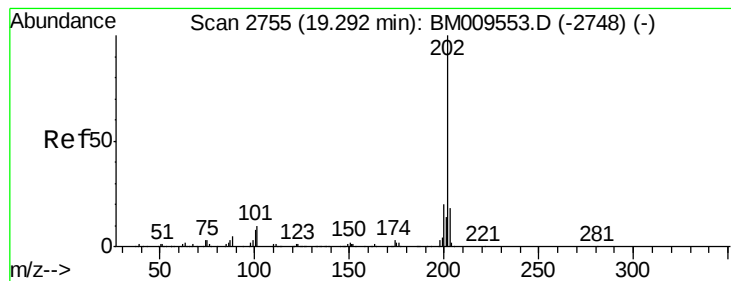
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#16
Anthracene
Concen: 1.93 ng/ul
RT: 17.36 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	17.8	15.8	23.8





#17

Fluoranthene

Concen: 15.97 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Instrument :

BNA_M

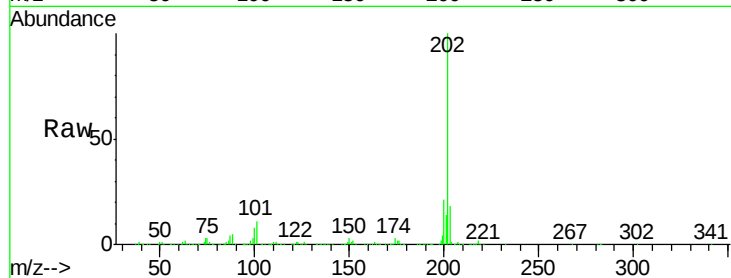
ClientSampleId :

CB326

Tot Ion:	202	Resp:	836621
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.8	14.8
100	7.7	7.5	11.3

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.29

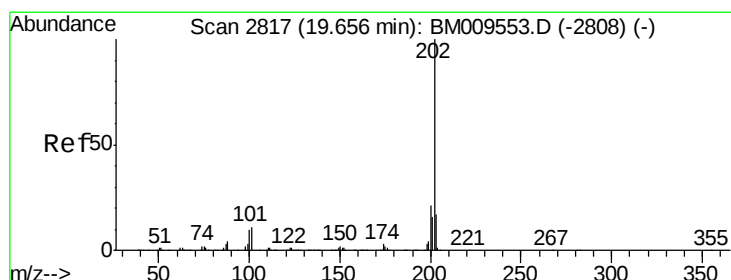
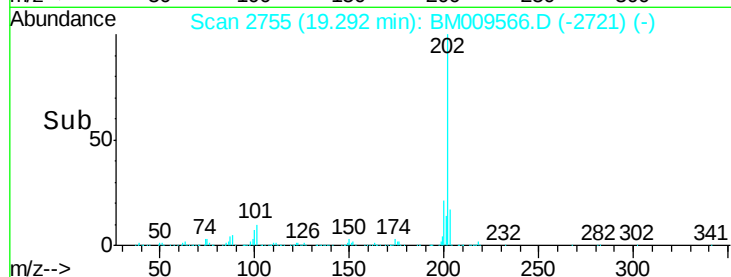
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400000

200000

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Time-->



#20

Pyrene

Concen: 14.58 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM009566.D

Acq: 05 Apr 2017 20:10

Tgt Ion:	202	Resp:	821683
Ion Ratio	Lower	Upper	
202	100		
101	12.0	11.2	16.8
100	10.2	9.8	14.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.66

800000

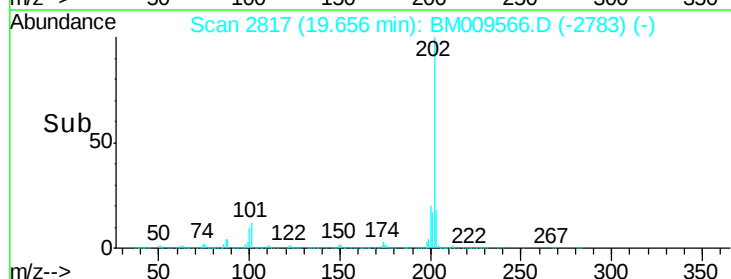
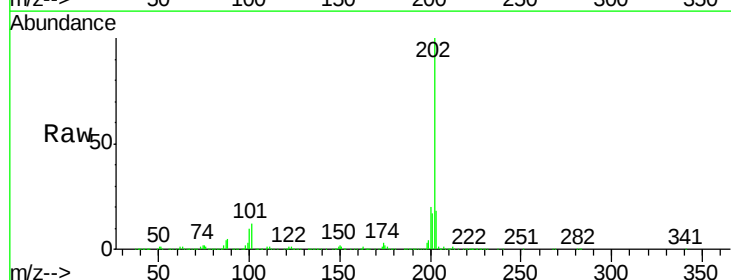
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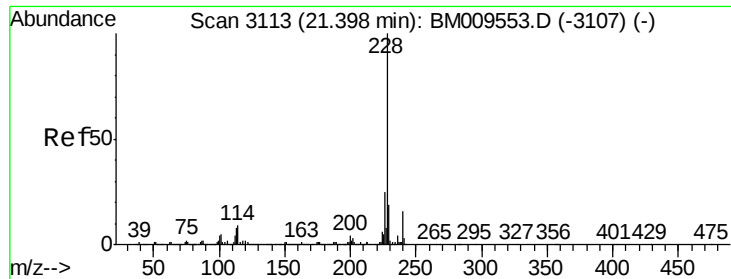
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Time-->





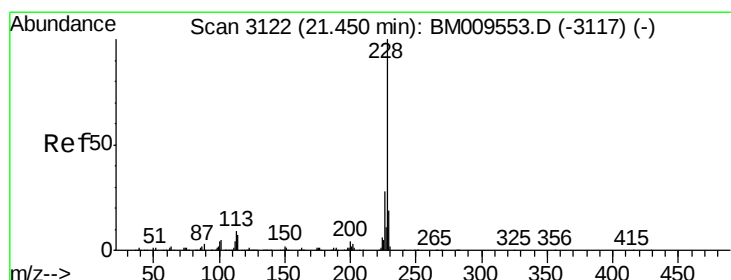
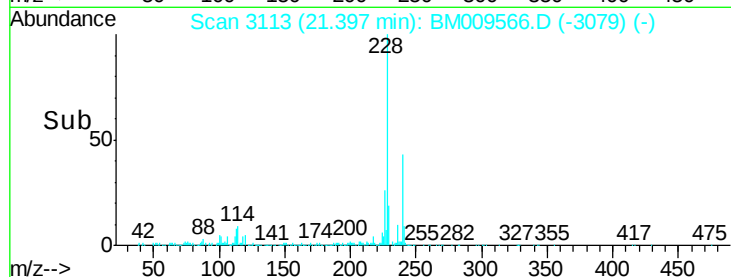
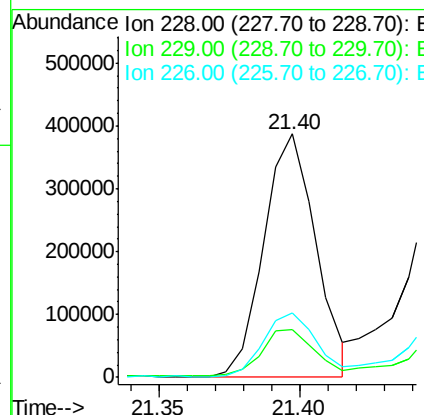
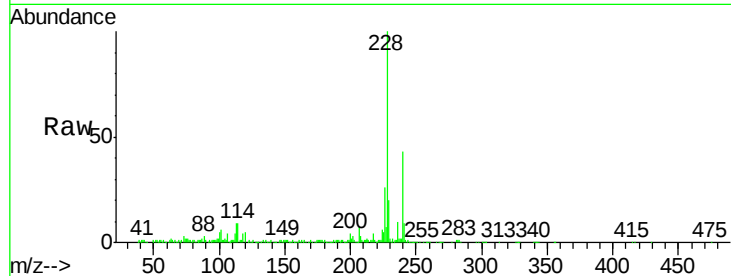
#21
Benzo(a)anthracene
Concen: 8.44 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Instrument :
BNA_M
ClientSampleId :
CB326

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	26.2	22.1	33.1

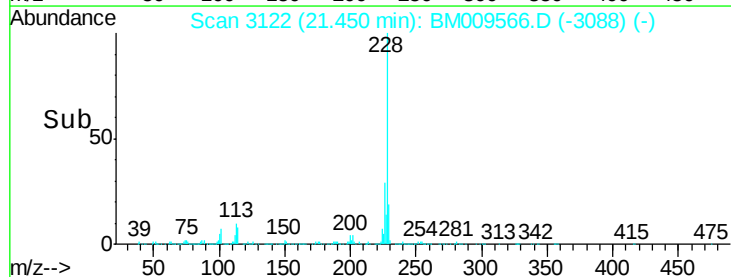
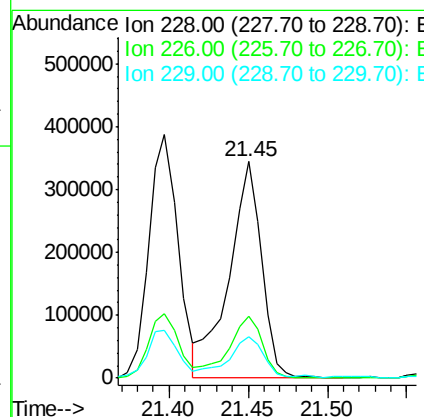
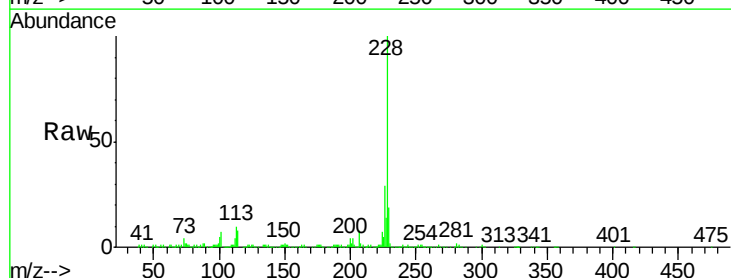
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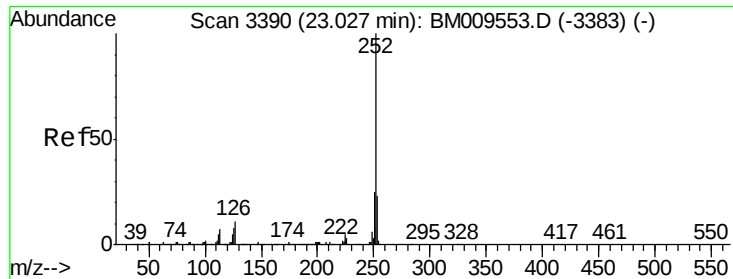
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#22
Chrysene
Concen: 9.10 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	18.9	16.6	25.0





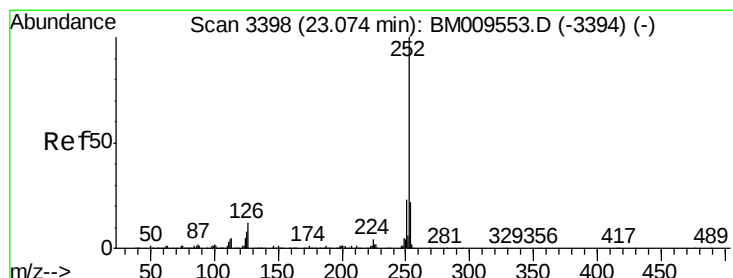
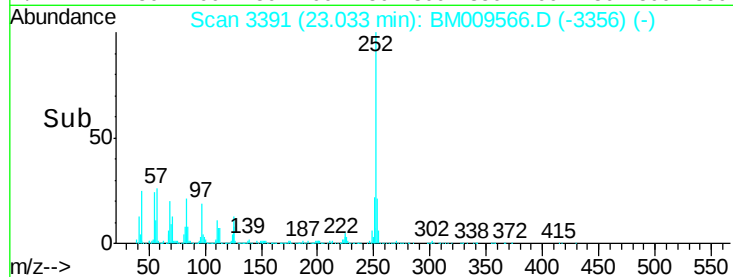
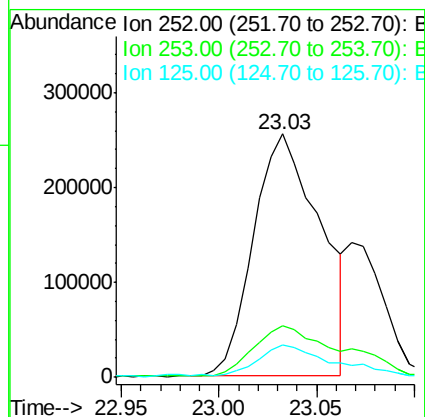
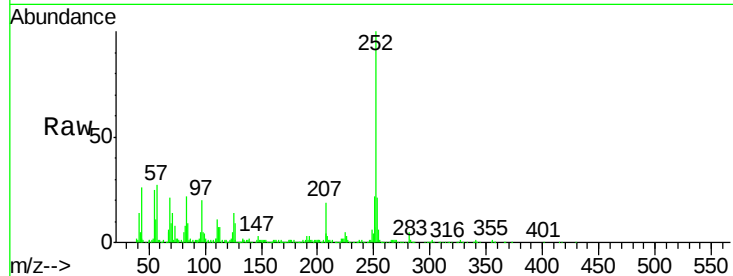
#24
Benzo(b)fluoranthene
Concen: 9.62 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Instrument :
BNA_M
ClientSampleId :
CB326

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	13.5	9.4	14.0

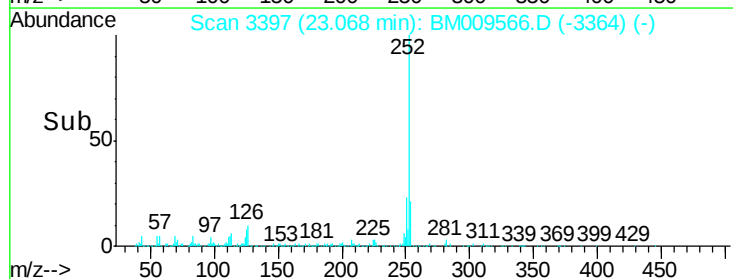
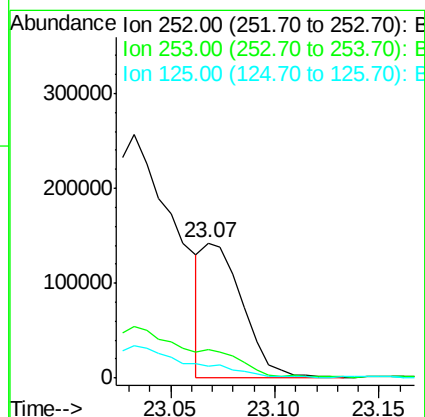
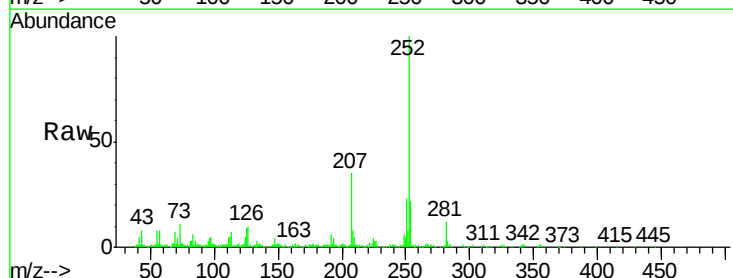
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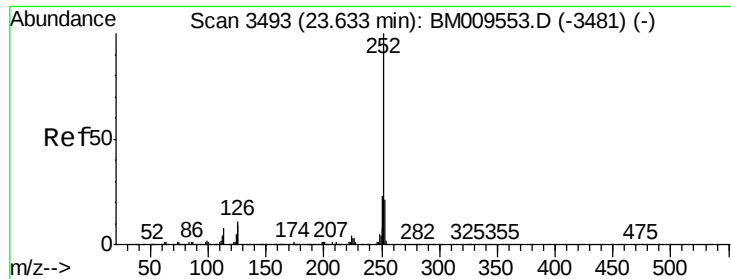
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#25
Benzo(k)fluoranthene
Concen: 3.15 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.0	8.8	13.2





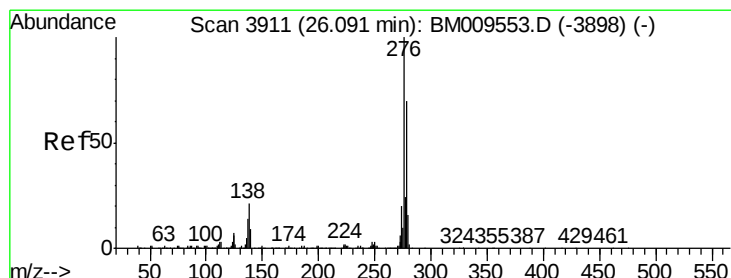
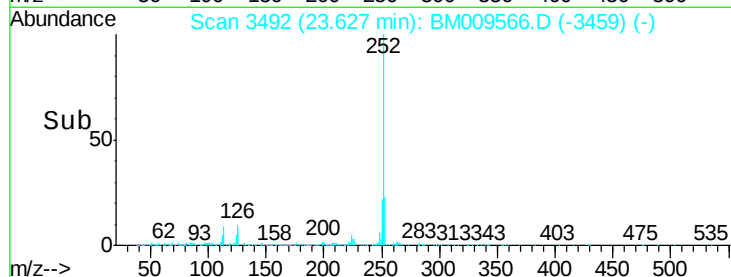
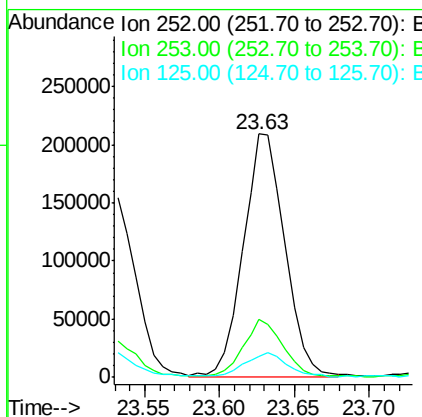
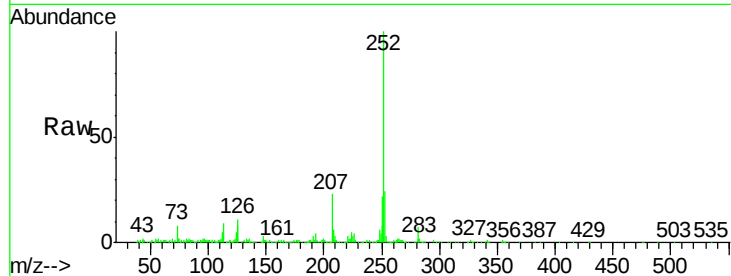
#27
Benzo(a)pyrene
Concen: 6.77 ng/ul m
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Instrument :
BNA_M
ClientSampled :
CB326

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	8.4	9.4	14.2

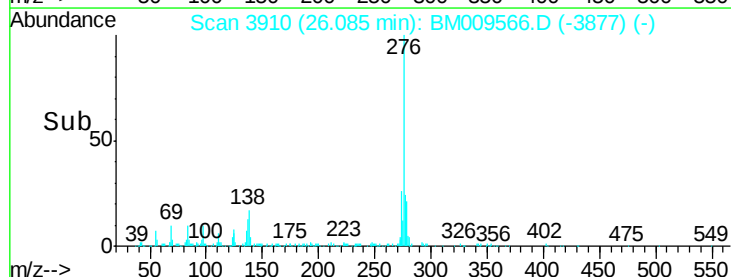
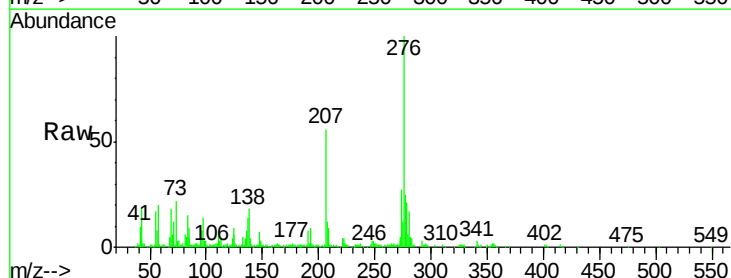
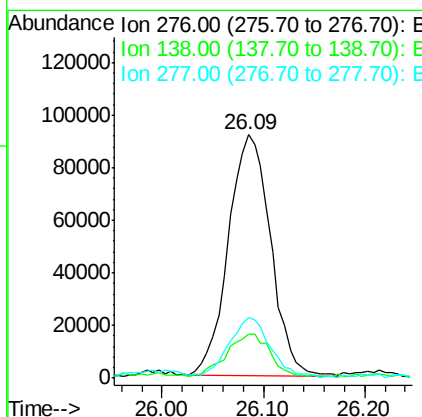
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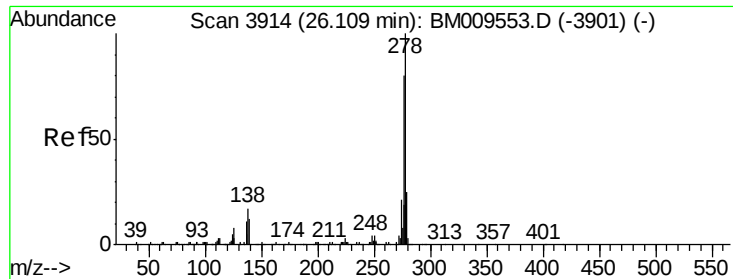
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.93 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.8	26.6
277	25.0	19.4	29.0





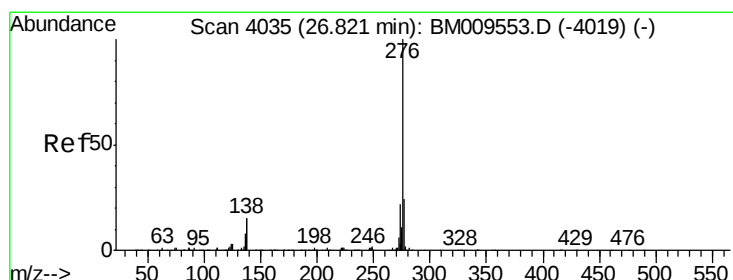
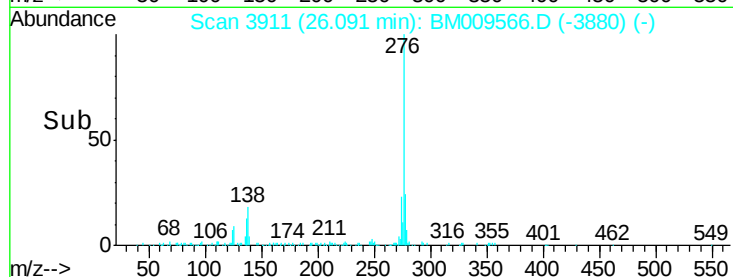
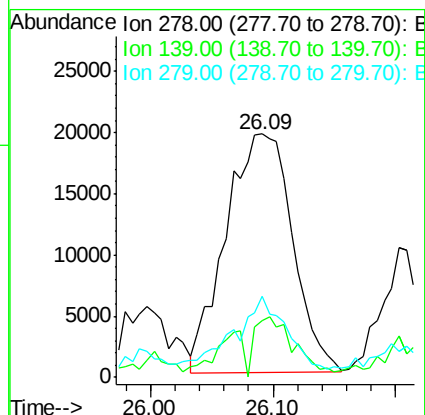
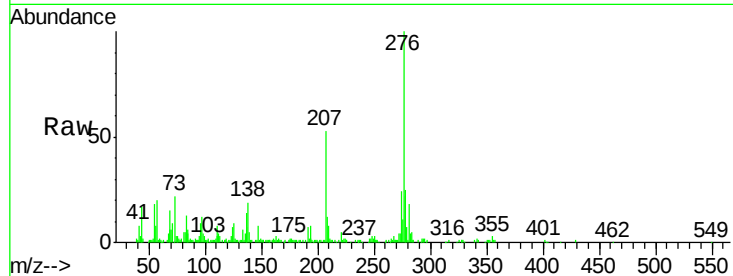
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Dibenzo(a,h)anthracene
Concen: 1.30 ng/ul m
RT: 26.09 min Scan# 3911
Delta R.T. -0.02 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Instrument :
BNA_M
ClientSampleId :
CB326

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.3	14.0	21.0#
279	33.3	20.6	31.0#

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#30
Benzo(g,h,i)perylene
Concen: 4.14 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM009566.D
Acq: 05 Apr 2017 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.0	28.4
277	26.2	19.7	29.5

