

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
 Data File : BM009585.D
 Acq On : 06 Apr 2017 09:47
 Operator : SJ/MA
 Sample : I2524-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB330

Manual Integrations
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 4/7/2017 2:09:41 PM

Quant Time: Apr 06 10:57:50 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	119960	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	458438	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	255006	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	593769	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	868039	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	846770	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	8303	1.18	ng/uL	0.01
7) Acenaphthylene-d8	14.17	160	149580	5.99	ng/ul	0.00
10) Fluorene-d10	15.47	176	297662	16.56	ng/ul	0.00
15) Anthracene-d10	17.33	188	399424	14.06	ng/ul	0.00
19) Pyrene-d10	19.63	212	581558	16.30	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	517611	13.84	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.27	178	234623	7.03	ng/ul	Qvalue 96
16) Anthracene	17.37	178	40203m	1.16	ng/ul	
17) Fluoranthene	19.29	202	434964	10.46	ng/ul	97
20) Pyrene	19.66	202	390543	8.26	ng/ul#	94
21) Benzo(a)anthracene	21.40	228	239513	4.88	ng/ul	98
22) Chrysene	21.45	228	254429	5.66	ng/ul	95
24) Benzo(b)fluoranthene	23.03	252	348957	6.66	ng/ul#	94
25) Benzo(k)fluoranthene	23.07	252	115727m	2.32	ng/ul	
27) Benzo(a)pyrene	23.63	252	194704	3.91	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	26.09	276	155664	2.79	ng/ul	93
29) Dibenzo(a,h)anthracene	26.10	278	49867m	1.05	ng/ul	
30) Benzo(a,h,i)perylene	26.81	276	130867	2.84	ng/ul#	88

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

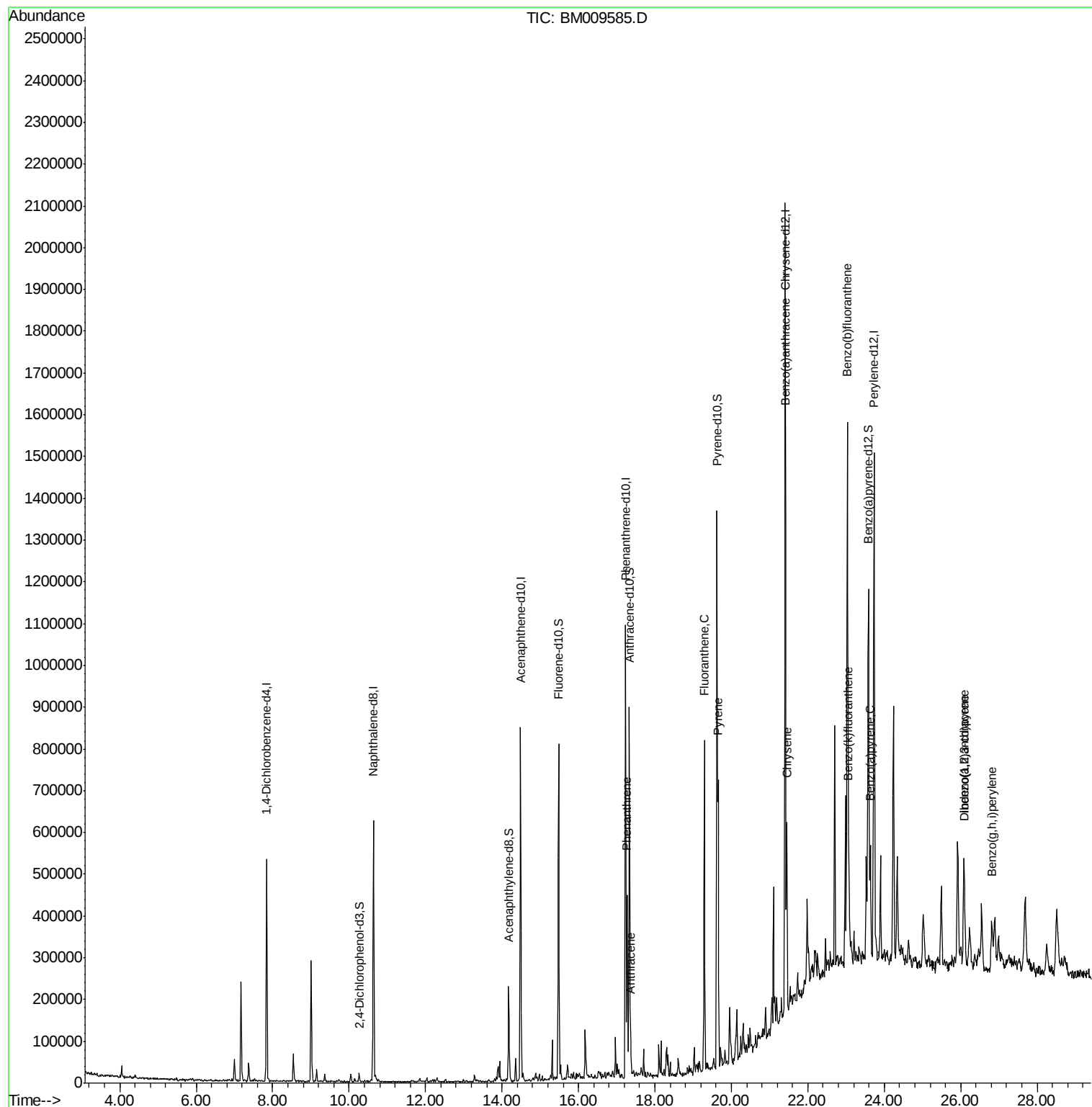
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
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ALS Vial : 3 Sample Multiplier: 1

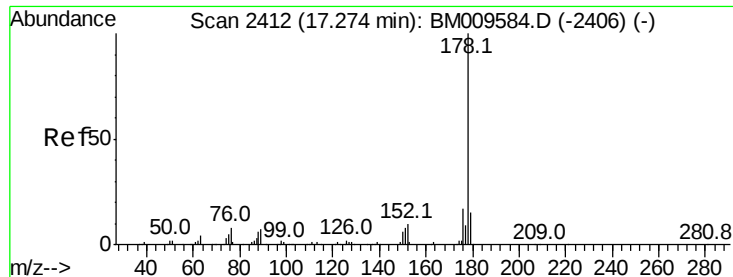
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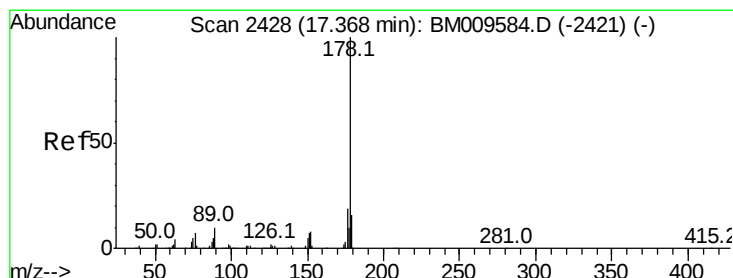
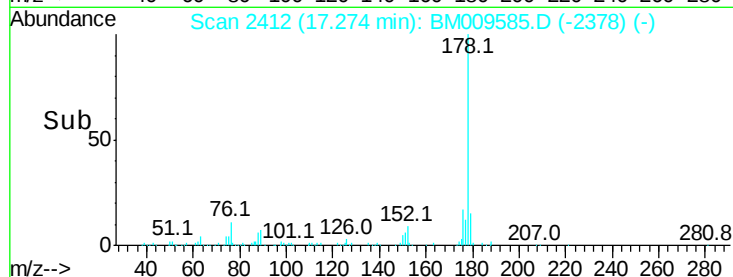
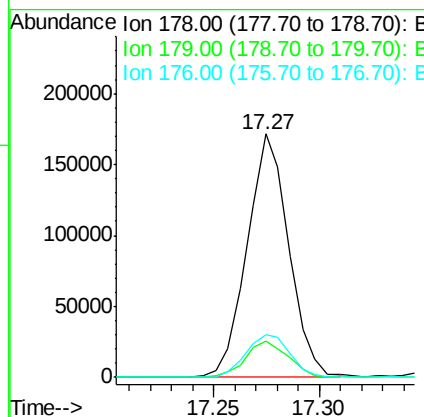
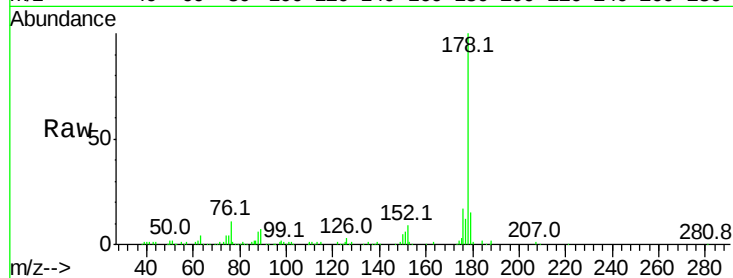
#14
Phenanthrene
Concen: 7.03 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM009585.D
Acq: 06 Apr 2017 09:47

Instrument :
BNA_M
ClientSampleID :
CB330

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	17.4	16.4	24.6

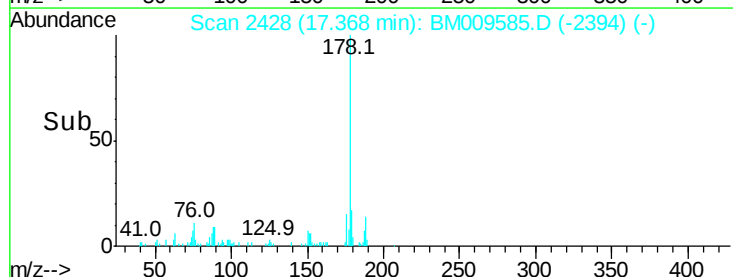
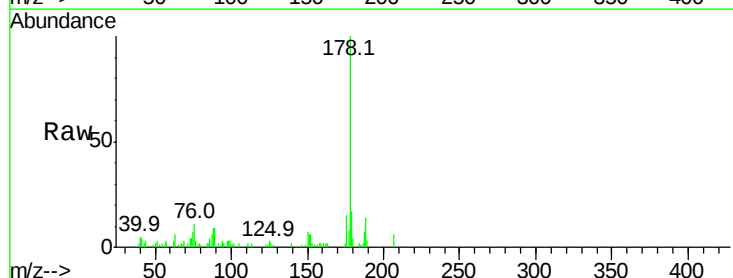
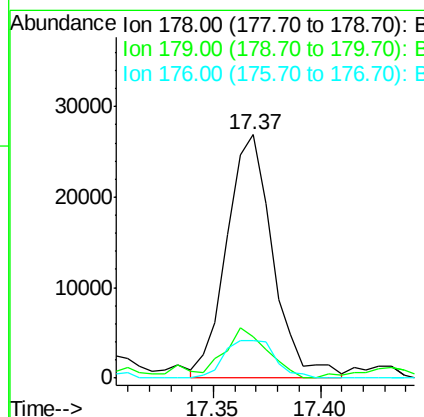
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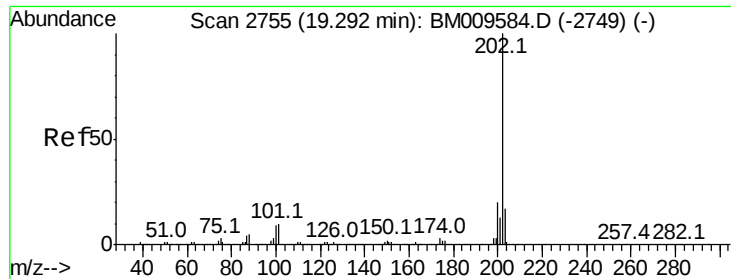
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#16
Anthracene
Concen: 1.16 ng/ul m
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009585.D
Acq: 06 Apr 2017 09:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.7	19.1
176	15.4	15.8	23.8#





#17

Fluoranthene

Concen: 10.46 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM009585.D

Acq: 06 Apr 2017 09:47

Instrument :

BNA_M

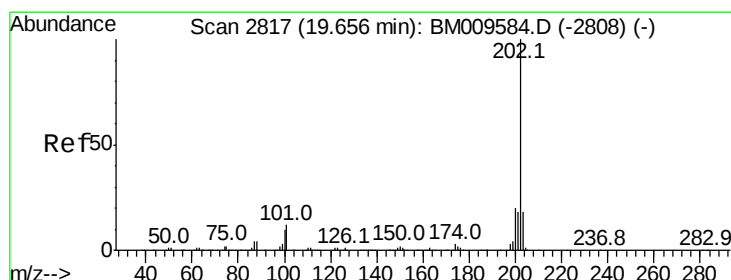
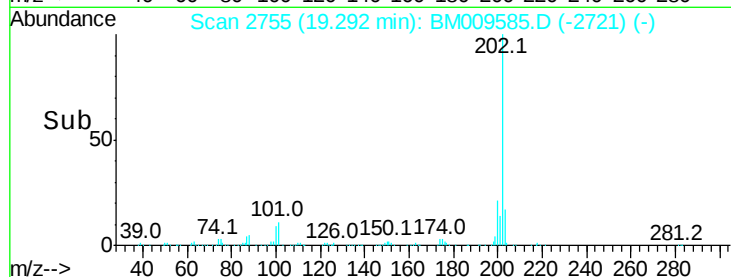
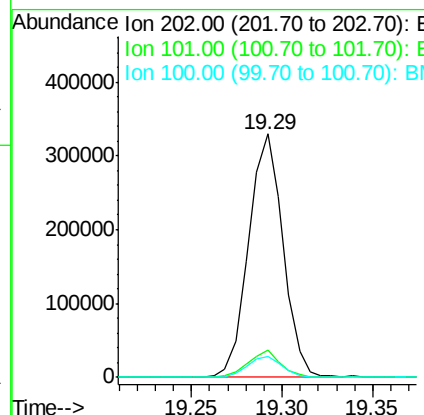
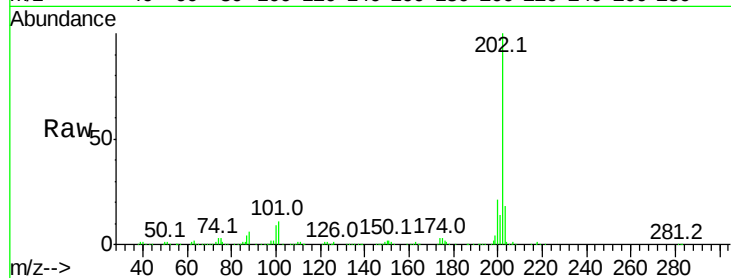
ClientSampleId :

CB330

Tot Ion:	202	Resp:	434964
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.8
100	8.6	7.5	11.3

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#20

Pyrene

Concen: 8.26 ng/ul

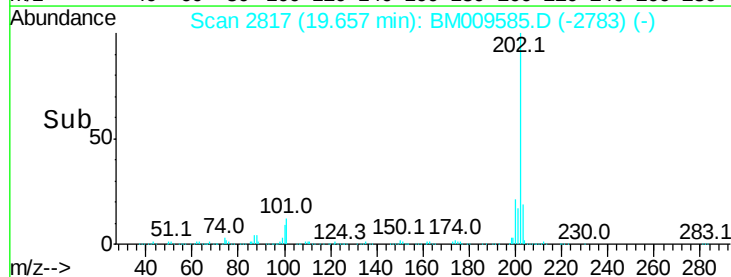
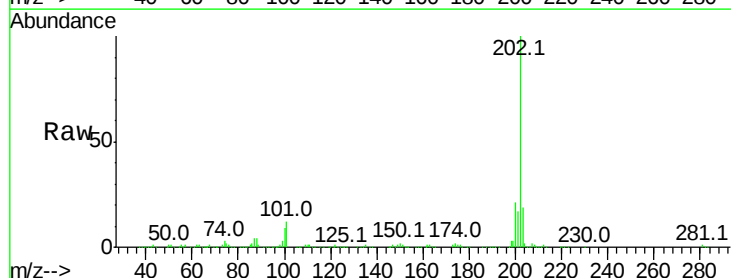
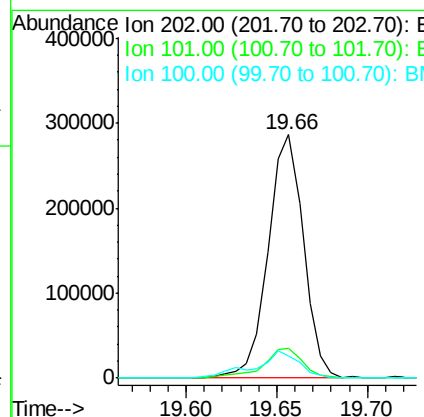
RT: 19.66 min Scan# 2817

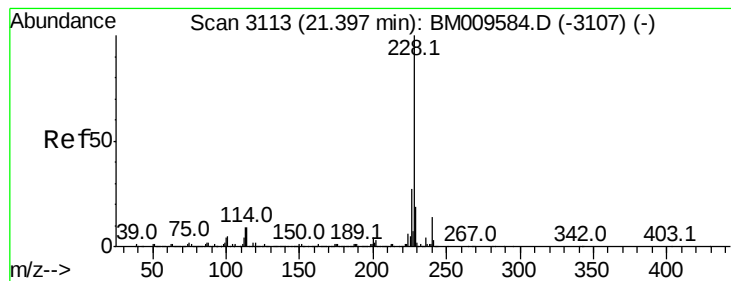
Delta R.T. 0.00 min

Lab File: BM009585.D

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Tgt Ion:	202	Resp:	390543
Ion Ratio	Lower	Upper	
202	100		
101	12.2	11.2	16.8
100	9.3	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 4.88 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009585.D

Acq: 06 Apr 2017 09:47

Instrument :

BNA_M

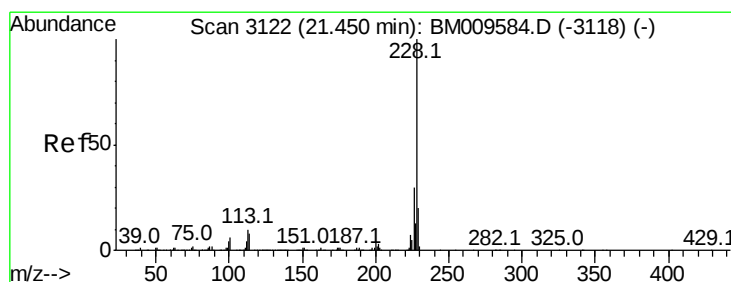
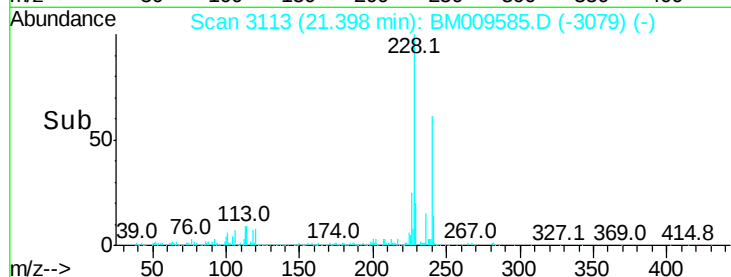
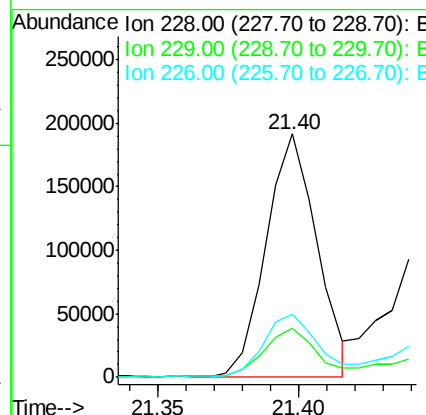
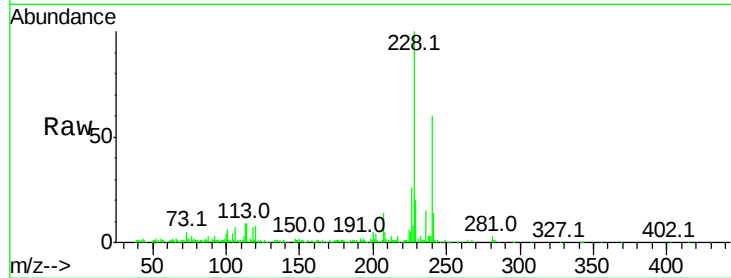
ClientSampled :

CB330

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		239513		
229	19.9	15.9	23.9		
226	25.7	22.1	33.1		

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#22

Chrysene

Concen: 5.66 ng/ul

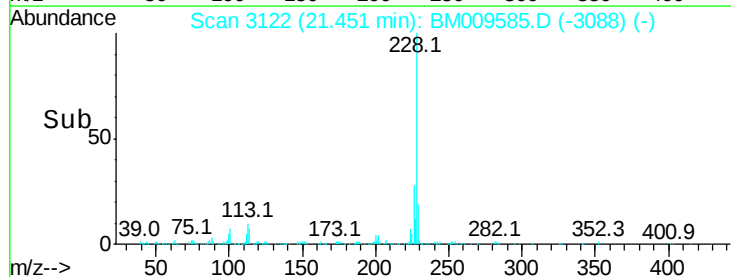
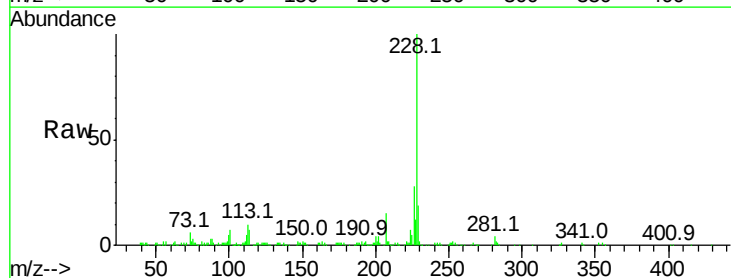
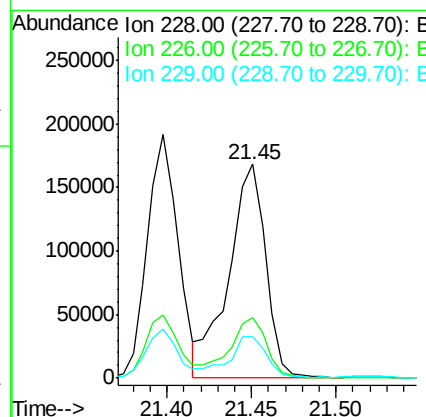
RT: 21.45 min Scan# 3122

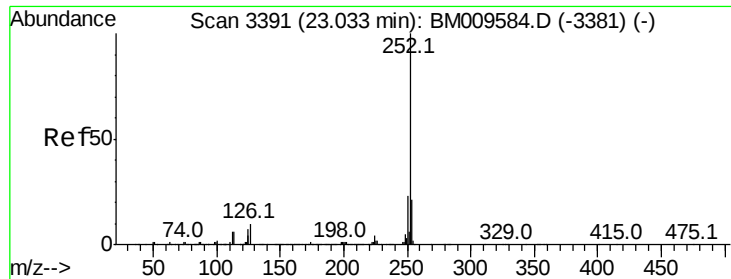
Delta R.T. 0.00 min

Lab File: BM009585.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		254429		
226	28.4	25.0	37.6		
229	19.2	16.6	25.0		





#24

Benzo(b)fluoranthene

Concen: 6.66 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.00 min

Lab File: BM009585.D

Acq: 06 Apr 2017 09:47

Instrument :

BNA_M

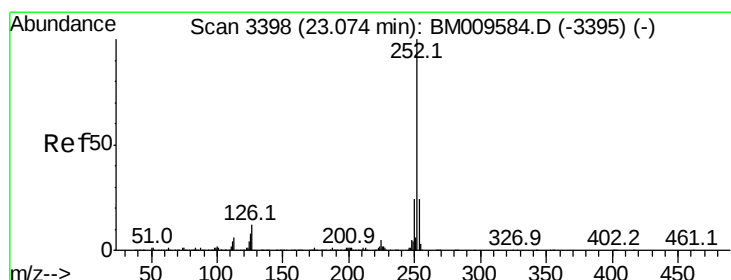
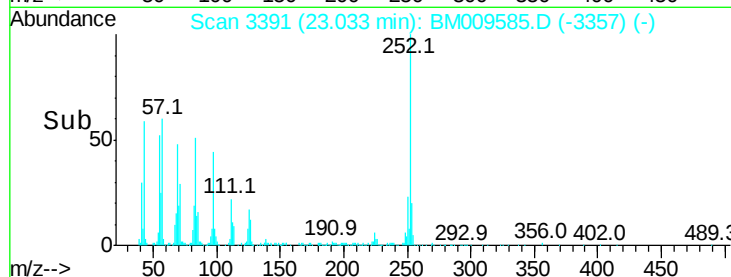
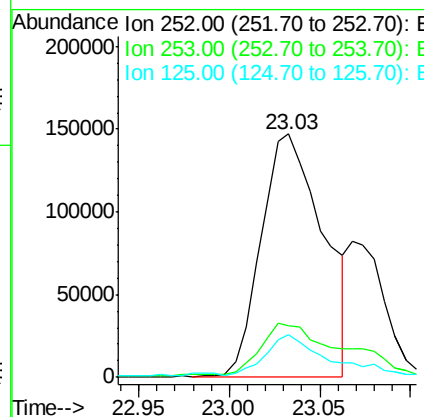
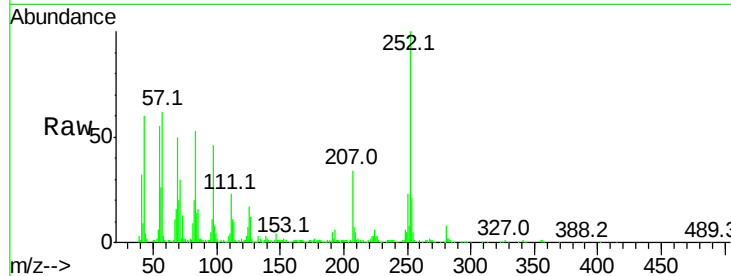
ClientSampleId :

CB330

Tot Ion:	252	Resp:	348957
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	17.3	9.4	14.0#

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#25

Benzo(k)fluoranthene

Concen: 2.32 ng/ul m

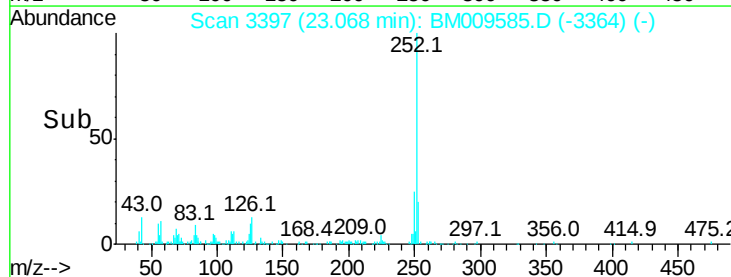
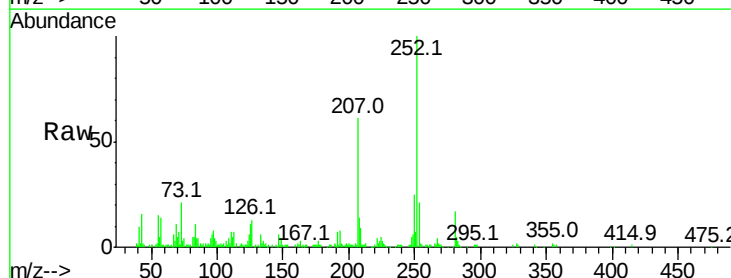
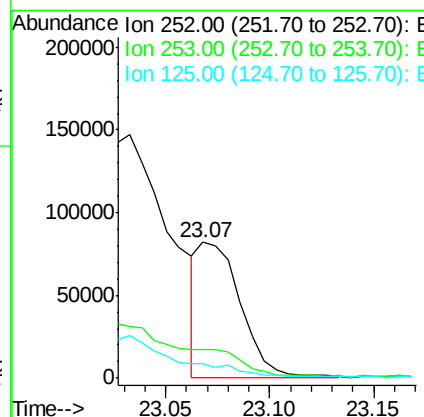
RT: 23.07 min Scan# 3397

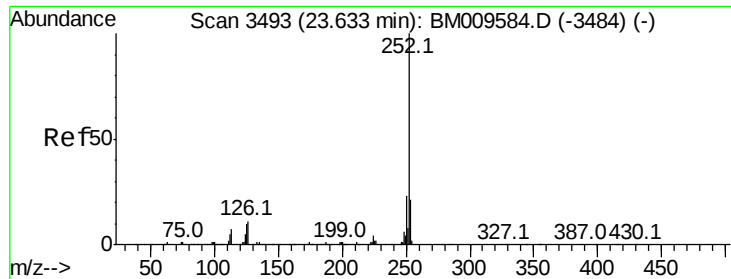
Delta R.T. -0.01 min

Lab File: BM009585.D

Acq: 06 Apr 2017 09:47

Tgt Ion:	252	Resp:	115727
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.2
125	11.1	8.8	13.2





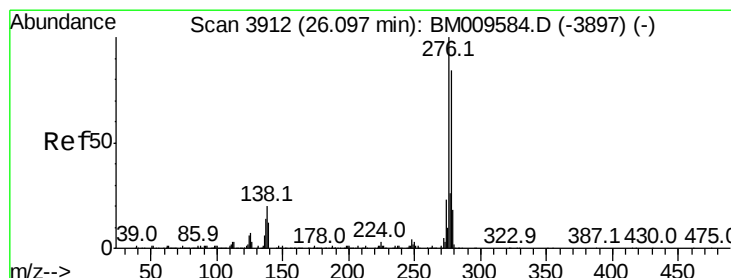
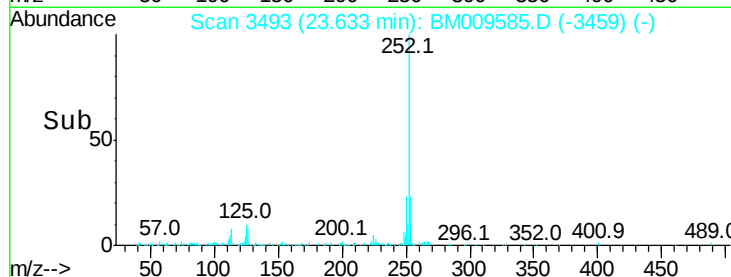
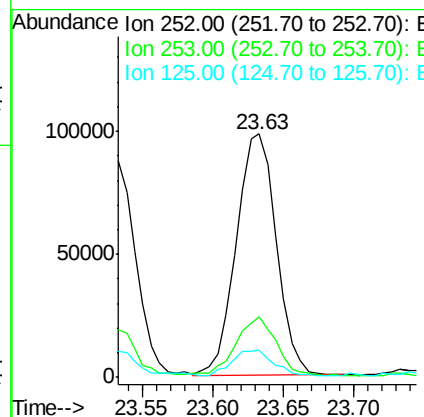
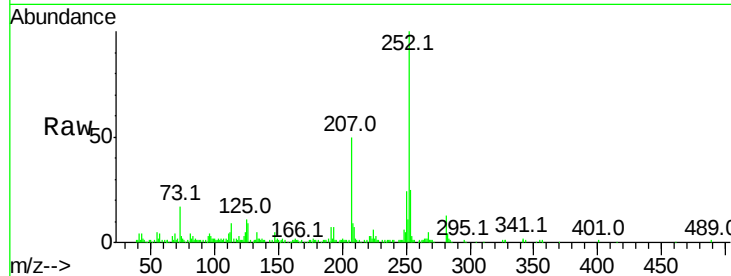
#27
Benzo(a)pyrene
Concen: 3.91 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM009585.D
Acq: 06 Apr 2017 09:47

Instrument :
BNA_M
ClientSampled :
CB330

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	11.4	9.4	14.2

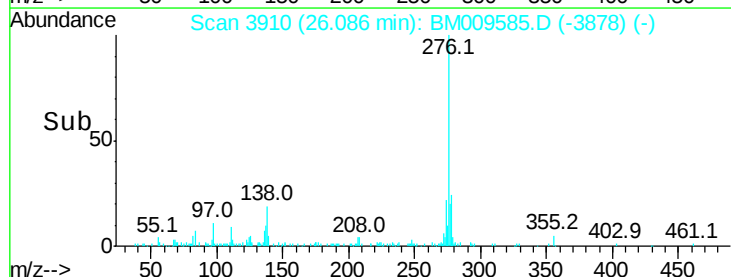
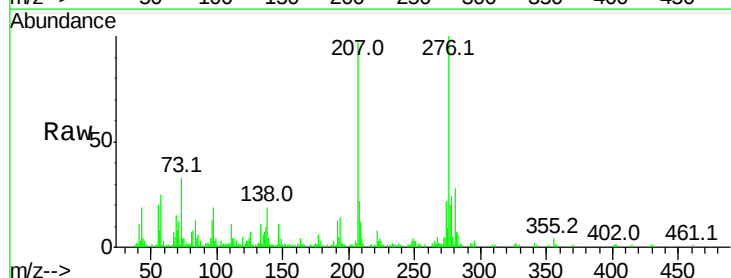
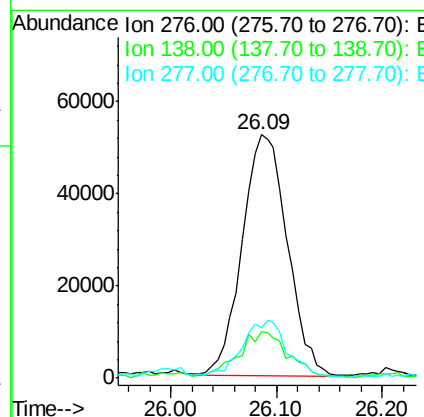
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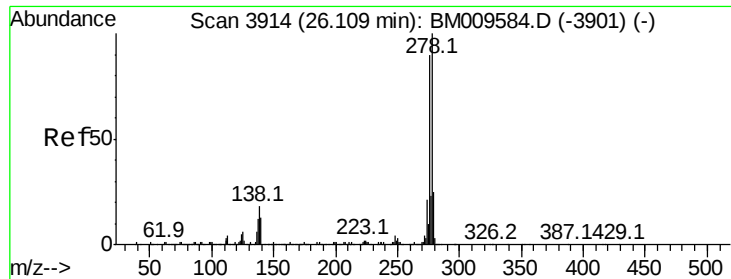
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#28
Indeno(1,2,3-cd)pyrene
Concen: 2.79 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009585.D
Acq: 06 Apr 2017 09:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.8	26.6
277	20.5	19.4	29.0





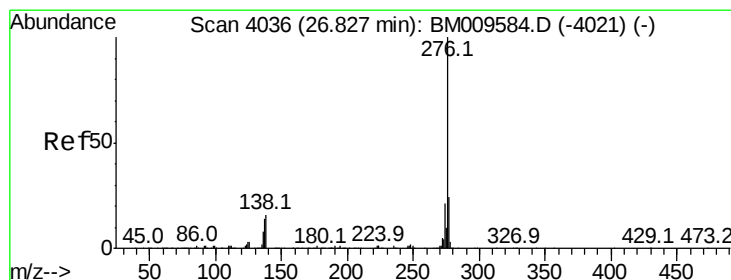
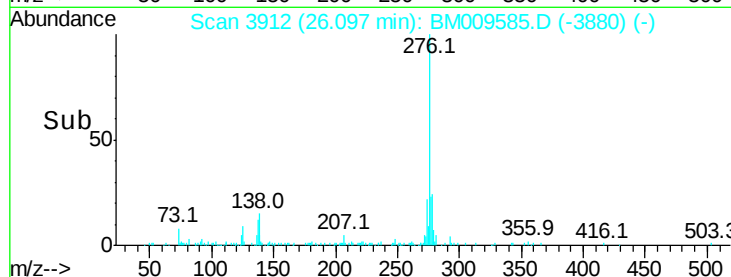
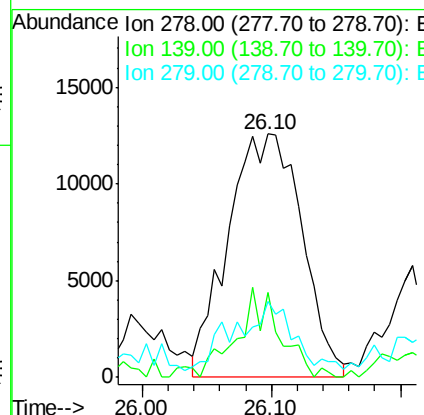
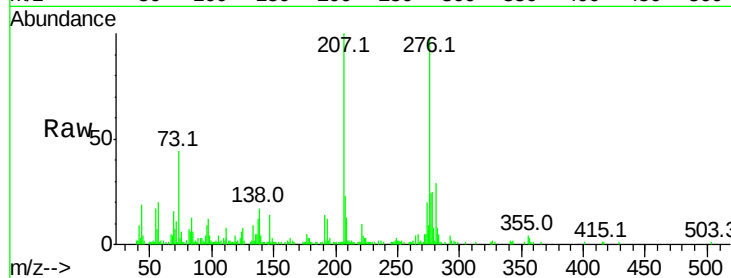
#29
Dibenzo(a,h)anthracene
Concen: 1.05 ng/ul m
RT: 26.10 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM009585.D
Acq: 06 Apr 2017 09:47

Instrument :
BNA_M
ClientSampleId :
CB330

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.0	21.0
279	31.1	20.6	31.0#

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#30
Benzo(g,h,i)perylene
Concen: 2.84 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM009585.D
Acq: 06 Apr 2017 09:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	19.0	28.4#
277	28.7	19.7	29.5

