

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091219\
 Data File : BM022669.D
 Acq On : 12 Sep 2019 16:10
 Operator : HP/JU
 Sample : K4706-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF574

Manual Integrations
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 9/16/2019 8:58:58 AM

Quant Time: Sep 12 17:23:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	11597	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	50083	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	28432	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	64815m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	56940m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	57989	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	20887	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	57089m	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	14065	0.099	ng/ul	98
5) 2-Methylnaphthalene	12.30	142	39721	0.406	ng/ul	99
8) Acenaphthene	14.54	153	140798	1.278	ng/ul	99
9) Fluorene	15.52	166	214452	1.699	ng/ul	99
12) Phenanthrene	17.25	178	690315m	3.343	ng/ul	
13) Anthracene	17.34	178	40503m	0.229	ng/ul	
15) Fluoranthene	19.26	202	131110m	0.588	ng/ul	
17) Pyrene	19.63	202	94268	0.365	ng/ul	99
18) Benzo(a)anthracene	21.37	228	12324	0.057	ng/ul	96
19) Chrysene	21.42	228	9250m	0.040	ng/ul	
21) Benzo(b)fluoranthene	22.98	252	10298m	0.041	ng/ul	

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

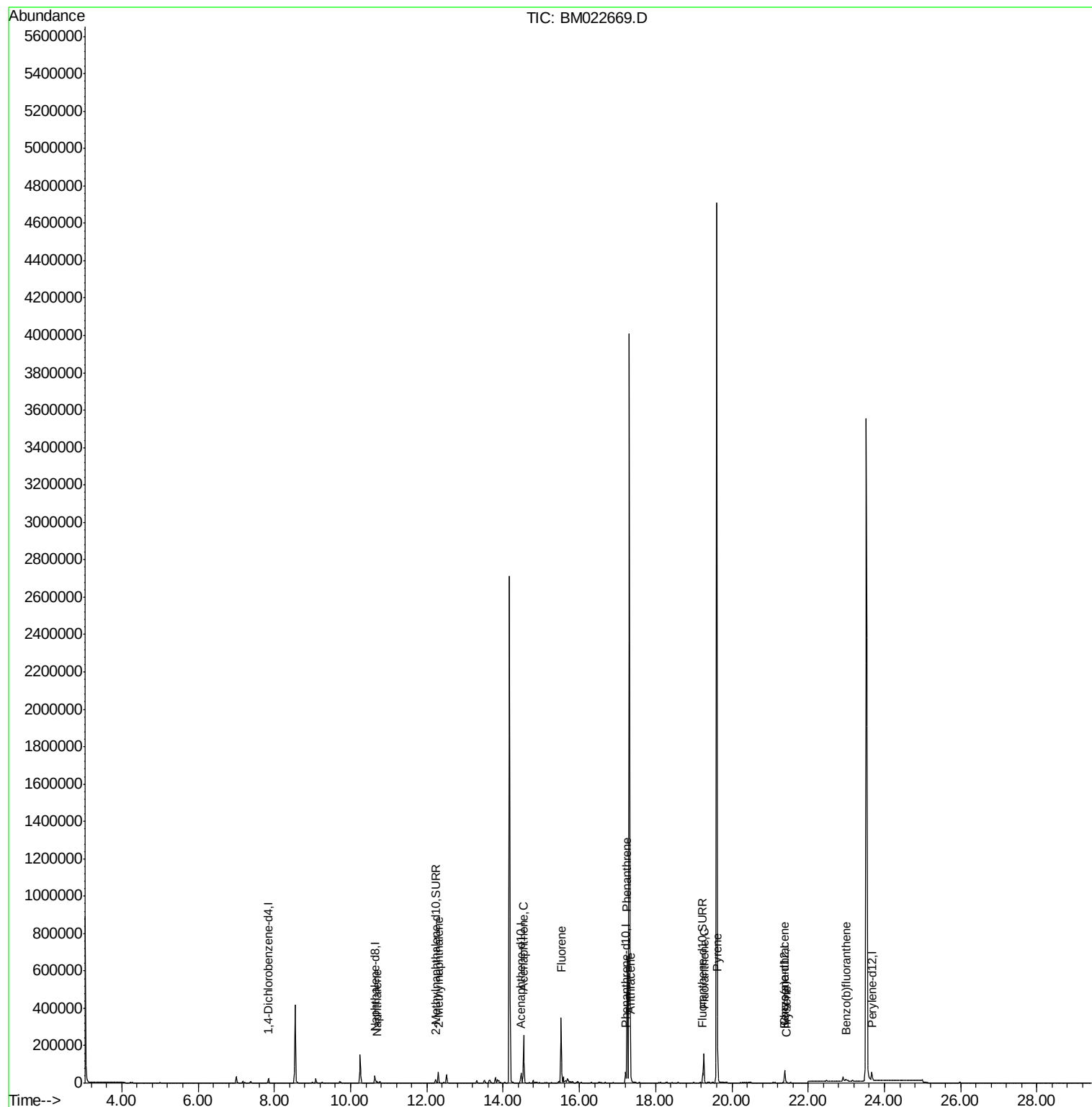
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091219\
Data File : BM022669.D
Acq On : 12 Sep 2019 16:10
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Misc :
ALS Vial : 8 Sample Multiplier: 1

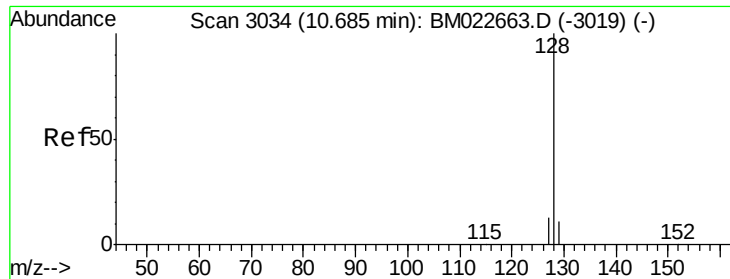
Instrument :
BNA_M
ClientSampleId :
BF574

Quant Time: Sep 12 17:23:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.099 ng/ul

RT: 10.68 min Scan# 3034

Delta R.T. -0.01 min

Lab File: BM022669.D

Acq: 12 Sep 2019 16:10

Instrument :

BNA_M

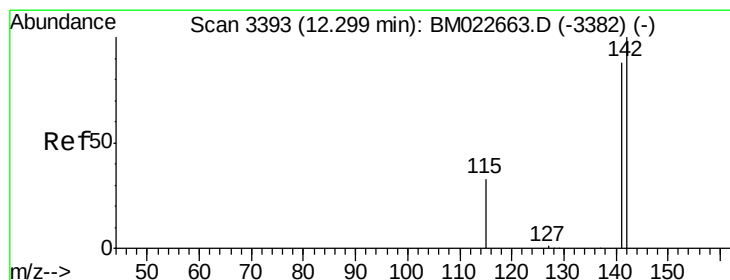
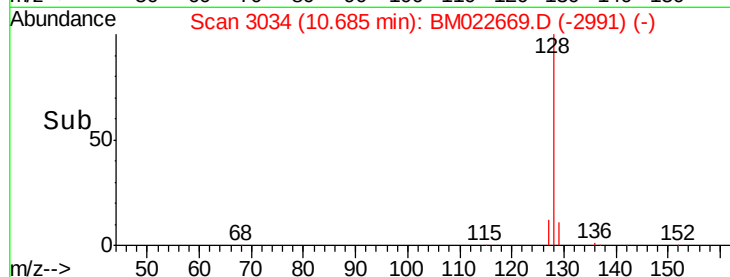
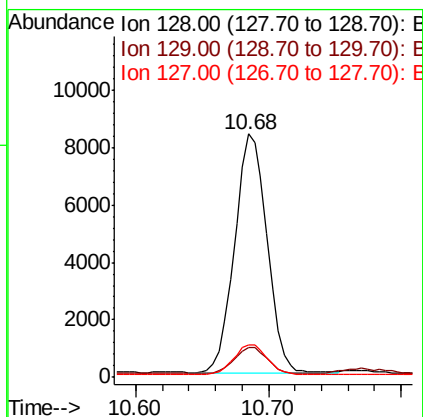
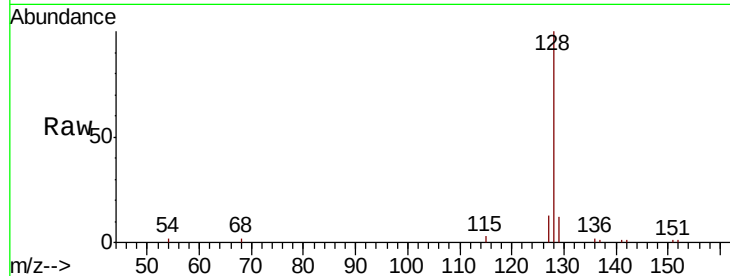
ClientSampled :

BF574

Tot Ion:128	Resp:	14065
Ion Ratio	Lower	Upper
128	100	
129	12.4	8.8 13.2
127	13.3	10.4 15.6

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#5

2-Methylnaphthalene

Concen: 0.406 ng/ul

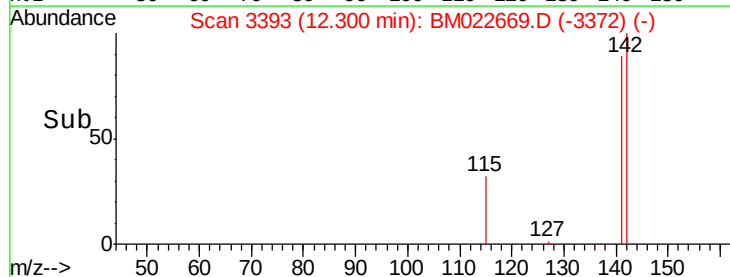
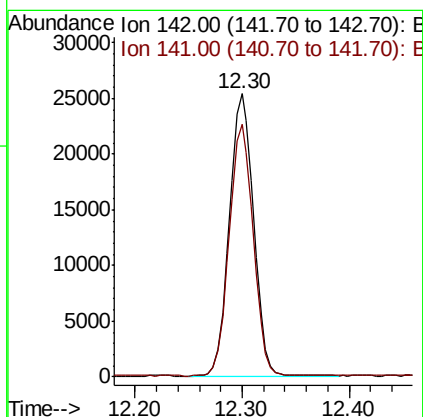
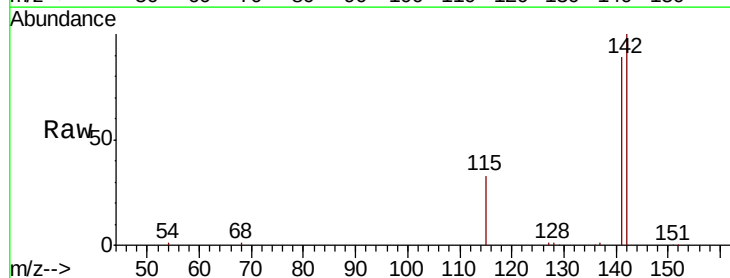
RT: 12.30 min Scan# 3393

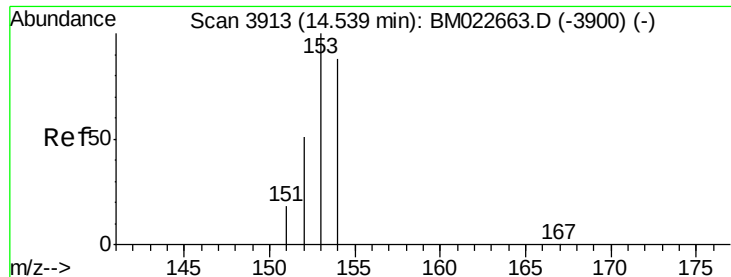
Delta R.T. -0.01 min

Lab File: BM022669.D

Acq: 12 Sep 2019 16:10

Tgt Ion:142	Resp:	39721
Ion Ratio	Lower	Upper
142	100	
141	89.0	70.8 106.2





#8

Acenaphthene

Concen: 1.278 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022669.D

Acq: 12 Sep 2019 16:10

Instrument :

BNA_M

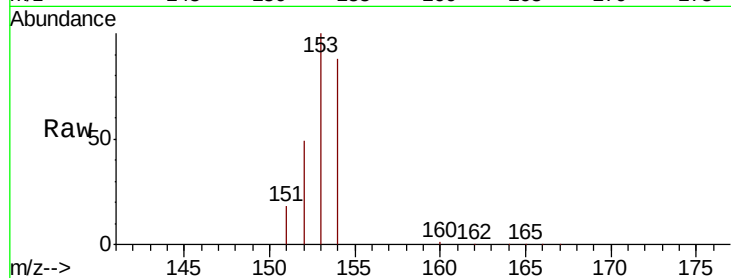
ClientSampled :

BF574

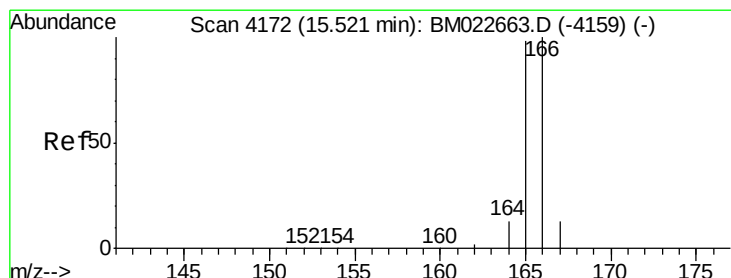
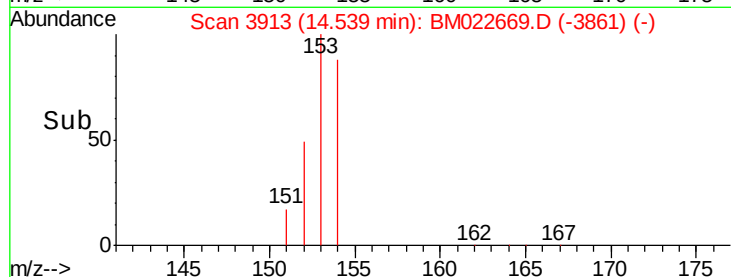
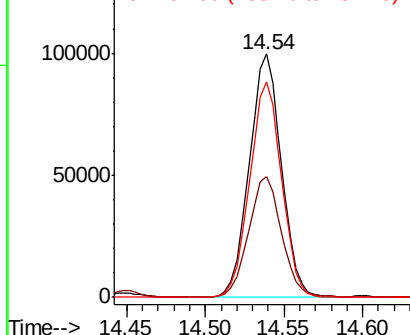
Tot Ion:	153	Resp:	140798
Ion Ratio	Lower	Upper	
153	100		
152	49.5	40.7	61.1
154	88.4	70.0	105.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 1.699 ng/ul

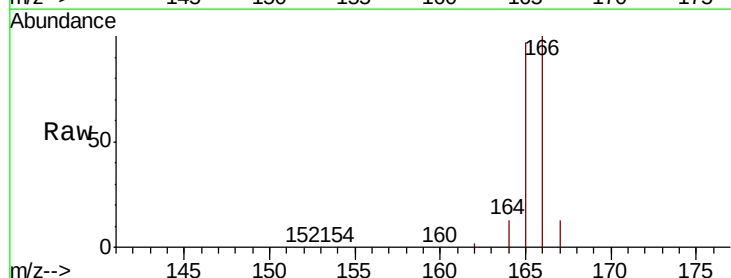
RT: 15.52 min Scan# 4173

Delta R.T. -0.00 min

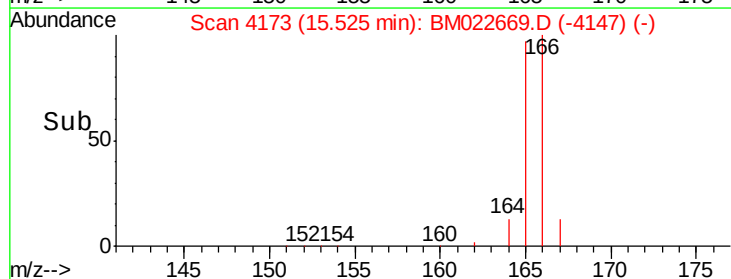
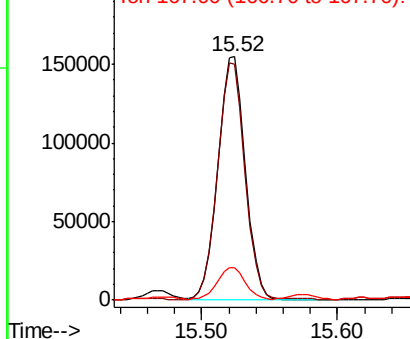
Lab File: BM022669.D

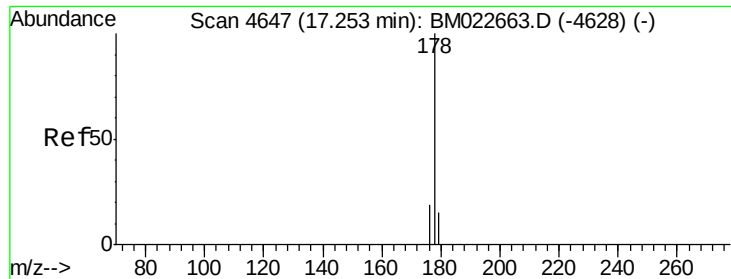
Acq: 12 Sep 2019 16:10

Tgt Ion:	166	Resp:	214452
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.2	117.2
167	13.4	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 3.343 ng/ul m

RT: 17.25 min Scan# 4647

Delta R.T. -0.01 min

Lab File: BM022669.D

Acq: 12 Sep 2019 16:10

Instrument :

BNA_M

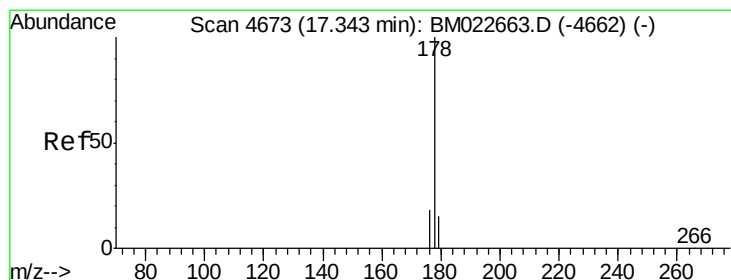
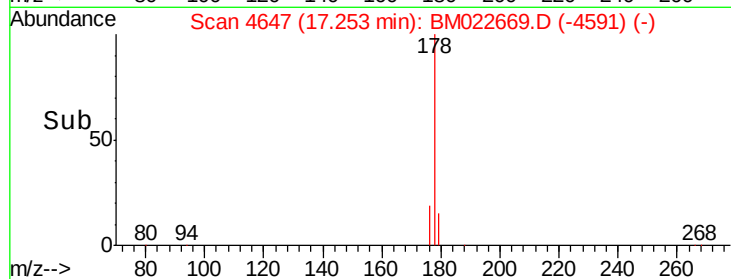
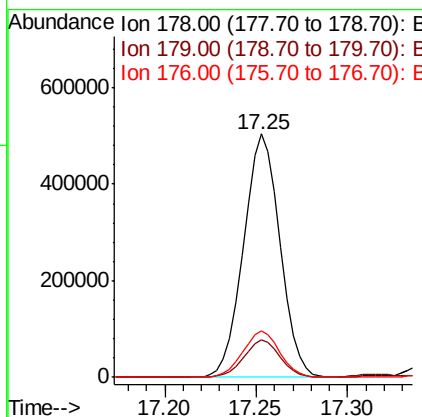
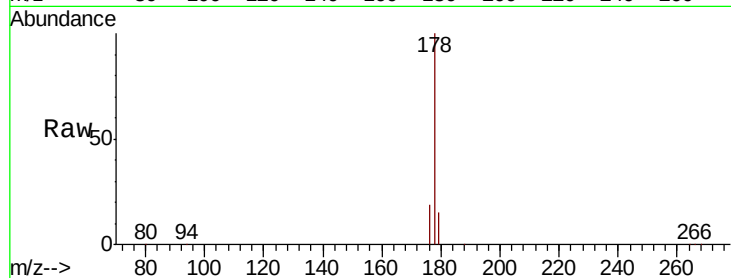
ClientSampleId :

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Tot Ion:	178	Resp:	690315
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	19.0	15.3	22.9

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#13

Anthracene

Concen: 0.229 ng/ul m

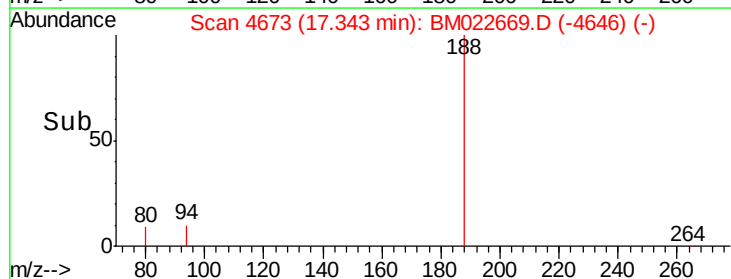
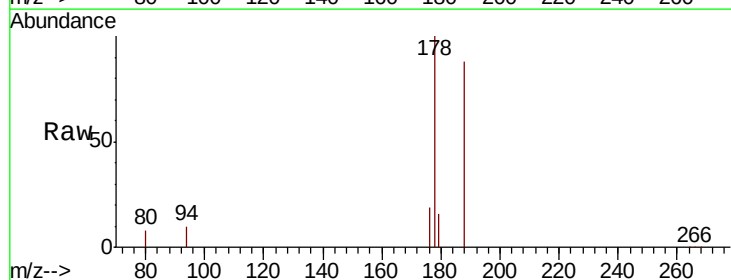
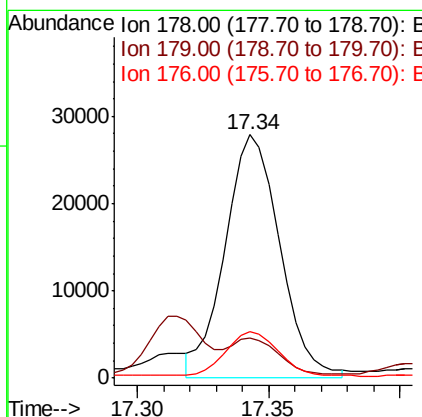
RT: 17.34 min Scan# 4673

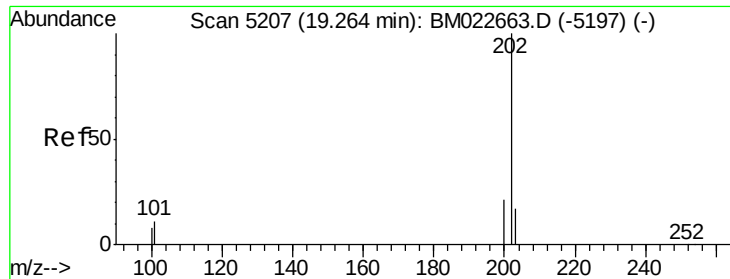
Delta R.T. -0.01 min

Lab File: BM022669.D

Acq: 12 Sep 2019 16:10

Tgt Ion:	178	Resp:	40503
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.5	18.7
176	18.9	14.8	22.2





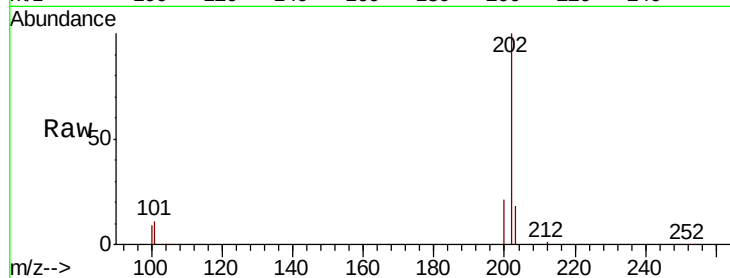
#15
Fluoranthene
Concen: 0.588 ng/ul m
RT: 19.26 min Scan# 5207
Delta R.T. -0.01 min
Lab File: BM022669.D
Acq: 12 Sep 2019 16:10

Instrument :
BNA_M
ClientSampleId :
BF574

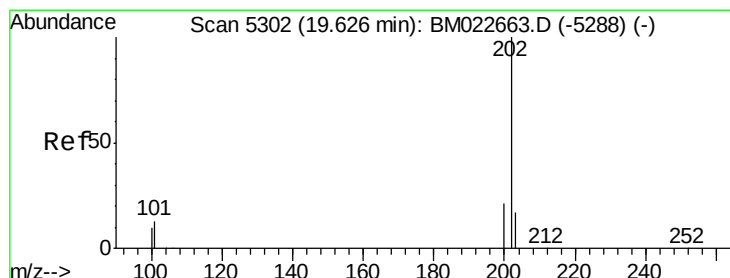
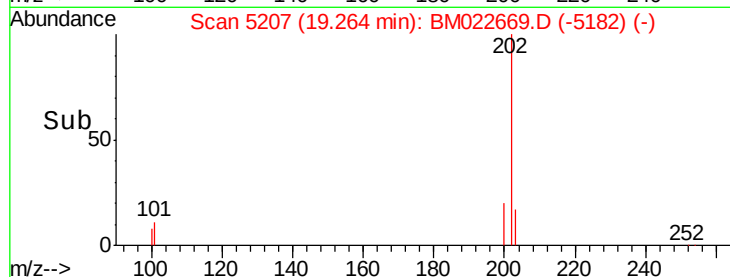
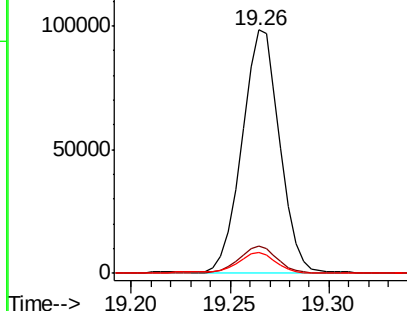
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	30.5
100	8.6	0.0	28.0

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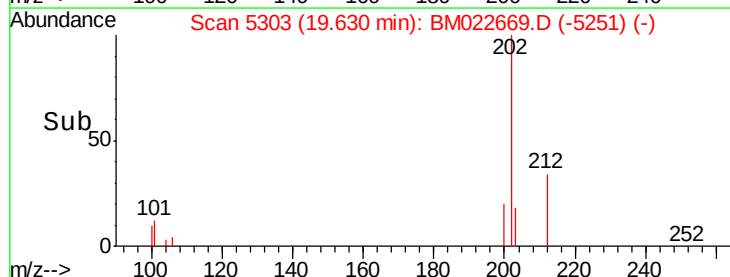
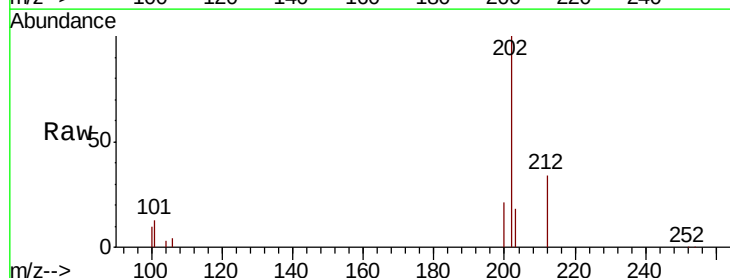
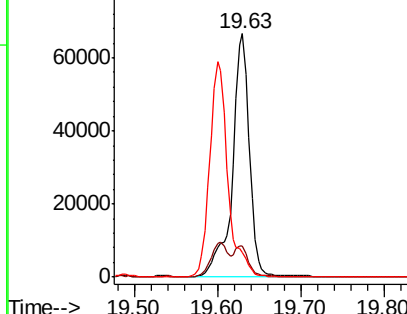
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

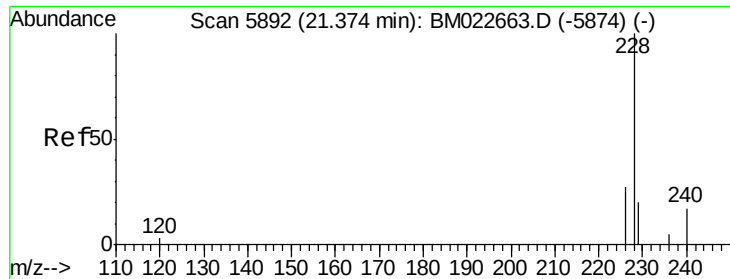


#17
Pyrene
Concen: 0.365 ng/ul
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022669.D
Acq: 12 Sep 2019 16:10

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	10.0	15.0
100	10.4	8.1	12.1

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





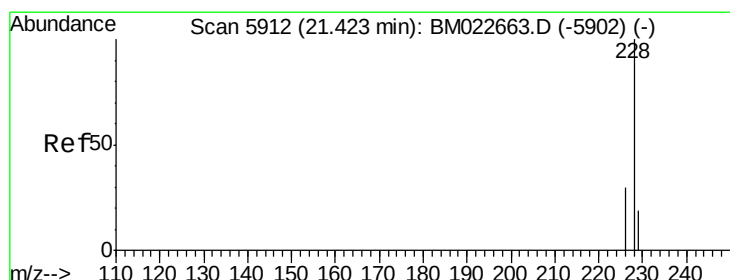
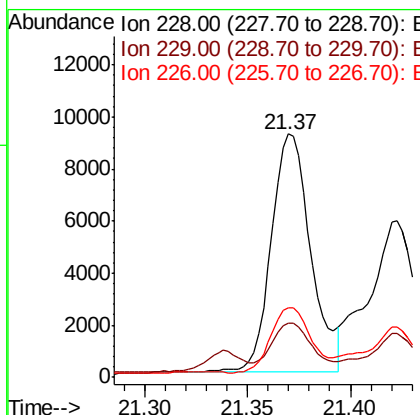
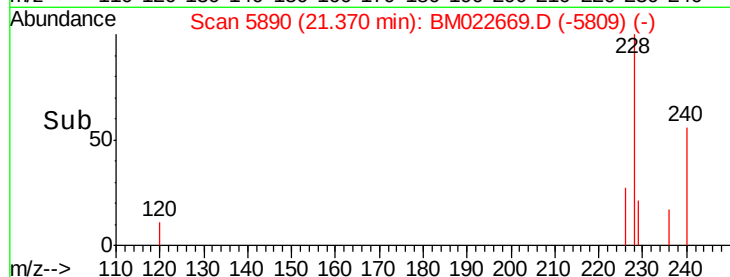
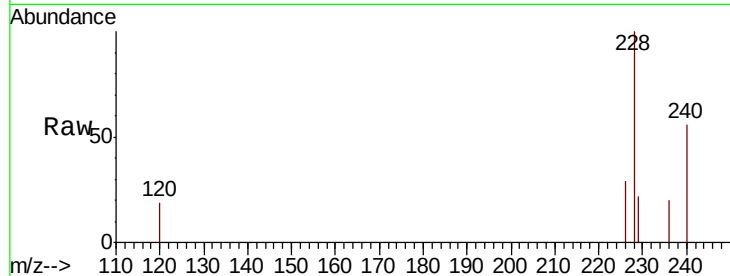
#18
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.37 min Scan# 5890
Delta R.T. -0.00 min
Lab File: BM022669.D
Acq: 12 Sep 2019 16:10

Instrument :
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ClientSampleId :
BF574

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	28.5	22.0	33.0

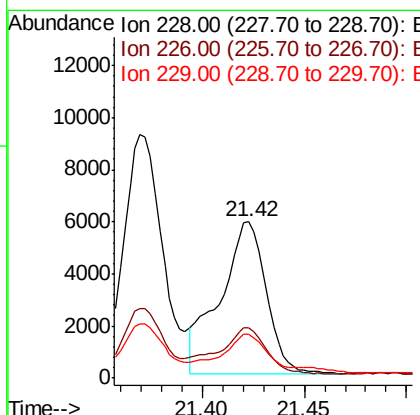
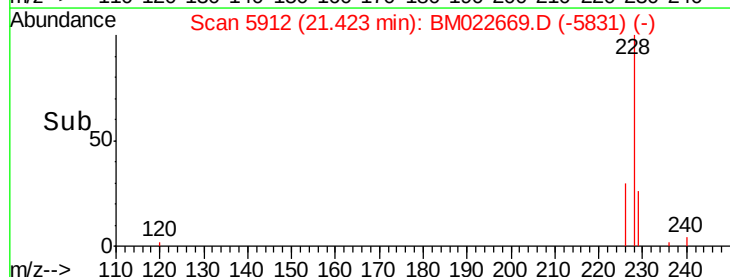
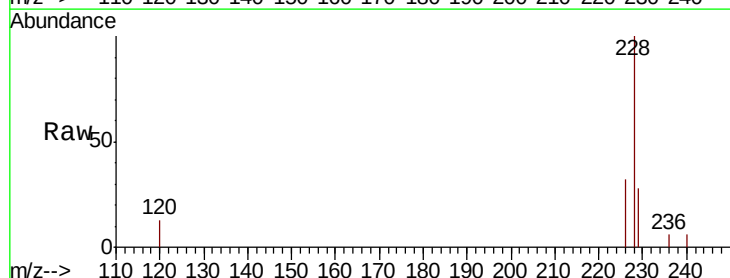
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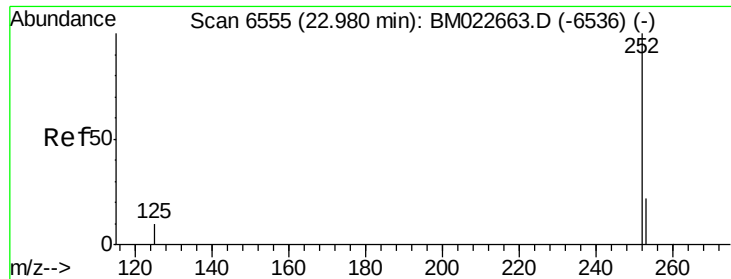
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#19
Chrysene
Concen: 0.040 ng/ul m
RT: 21.42 min Scan# 5912
Delta R.T. -0.00 min
Lab File: BM022669.D
Acq: 12 Sep 2019 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.8	35.8
229	28.3	15.5	23.3





#21

Benzo(b)fluoranthene

Concen: 0.041 ng/ul m

RT: 22.98 min Scan# 6556

Delta R.T. -0.00 min

Lab File: BM022669.D

Acq: 12 Sep 2019 16:10

Instrument :

BNA_M

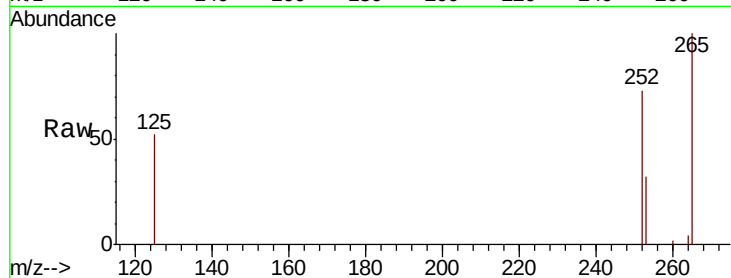
ClientSampleId :

BF574

Tot Ion:	252	Resp:	10298
Ion Ratio	Lower	Upper	
252	100		
253	43.5	0.0	48.4
125	71.8	0.0	31.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

