

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091219\
 Data File : BM022665.D
 Acq On : 12 Sep 2019 13:44
 Operator : HP/JU
 Sample : K4706-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF574DL

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:58:53 AM

Quant Time: Sep 12 15:15:40 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	10309	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	42196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	22831	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	53714	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	43925	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	41612	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	3860	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9772	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	2773	0.023	ng/ul#	89
5) 2-Methylnaphthalene	12.30	142	7324	0.089	ng/ul	100
8) Acenaphthene	14.54	153	25457	0.288	ng/ul	100
9) Fluorene	15.52	166	39154	0.386	ng/ul	100
12) Phenanthrene	17.25	178	131277	0.767	ng/ul	100
13) Anthracene	17.34	178	7915	0.054	ng/ul	95
15) Fluoranthene	19.27	202	26190	0.142	ng/ul	99
17) Pyrene	19.63	202	21770	0.109	ng/ul	98
18) Benzo(a)anthracene	21.38	228	3846	0.023	ng/ul	95
19) Chrysene	21.43	228	4197m	0.024	ng/ul	

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

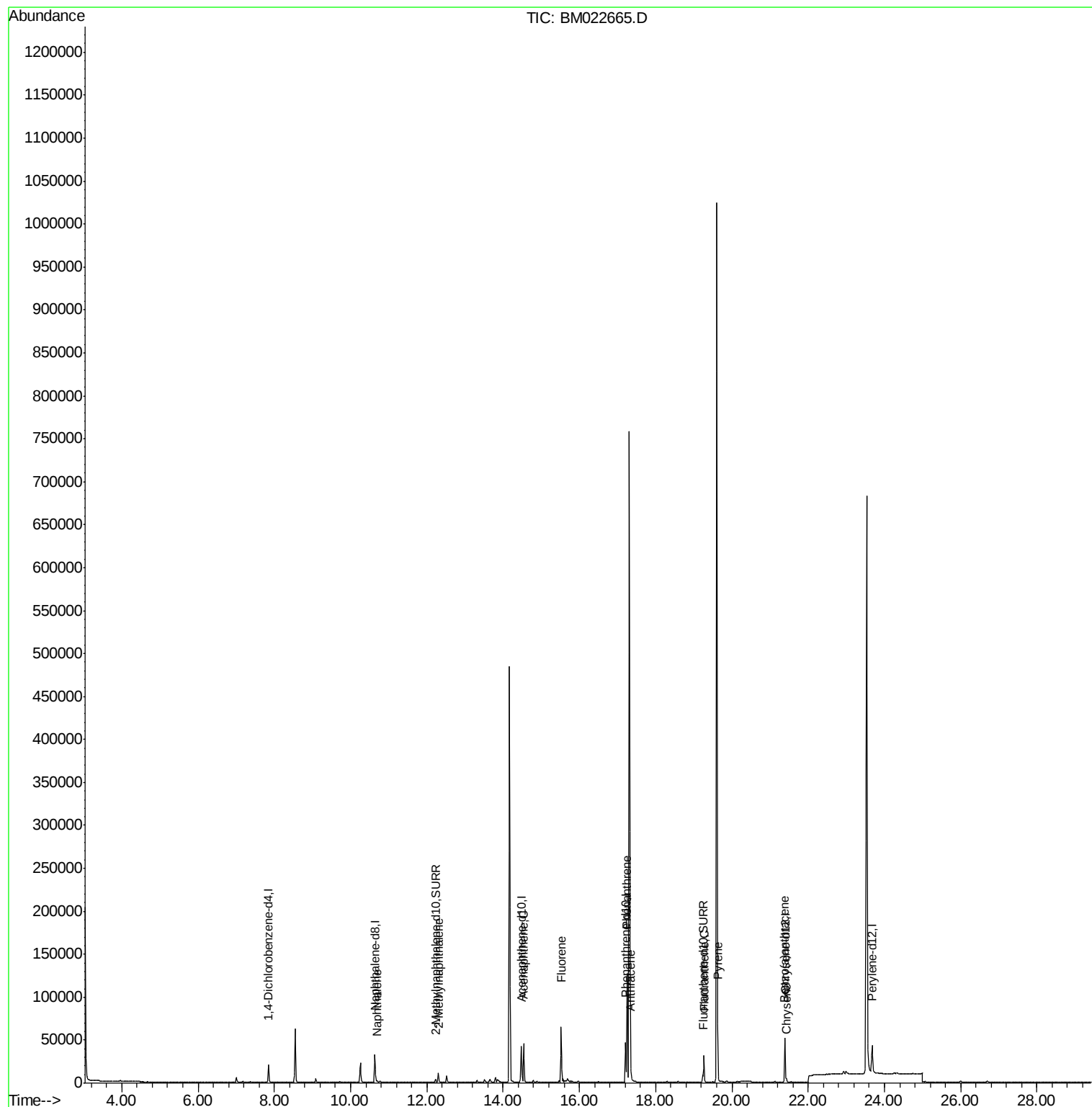
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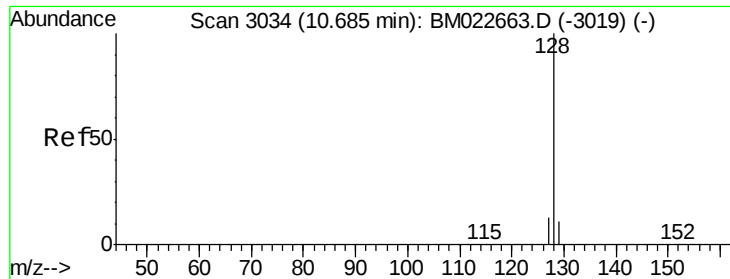
Instrument :
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Quant Time: Sep 12 15:15:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.69 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Instrument :

BNA_M

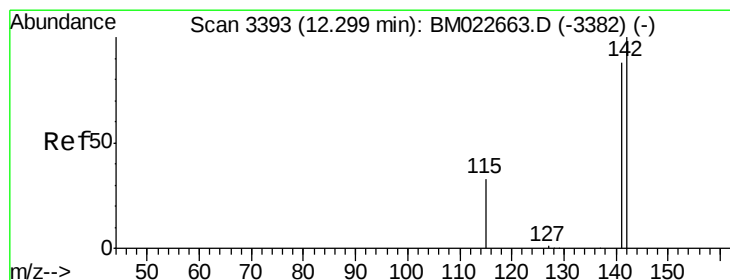
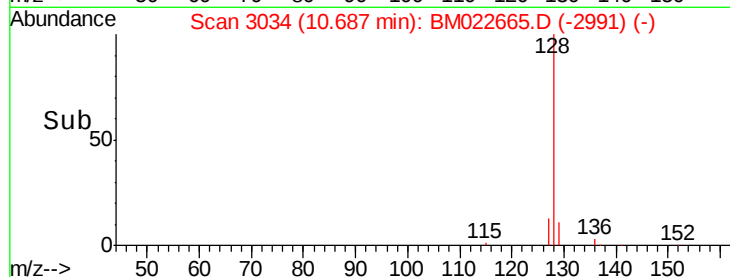
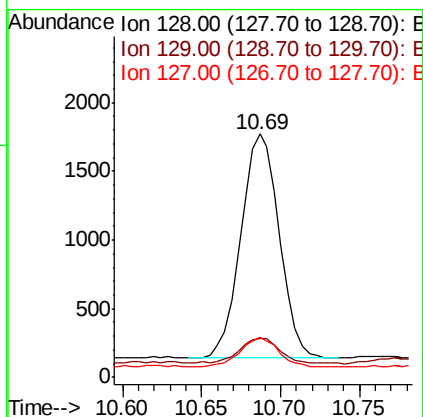
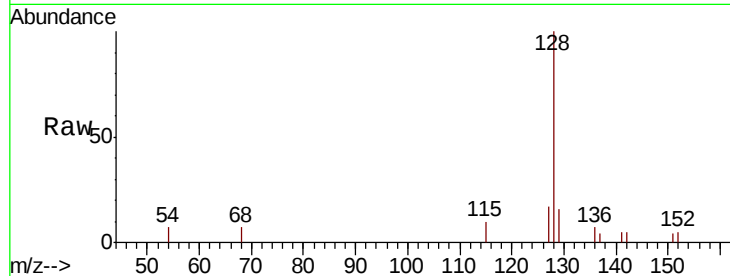
ClientSampleId :

BF574DL

Tot Ion:128	Resp:	2773
Ion Ratio	Lower	Upper
128	100	
129	16.2	8.8 13.2#
127	16.7	10.4 15.6#

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#5

2-Methylnaphthalene

Concen: 0.089 ng/ul

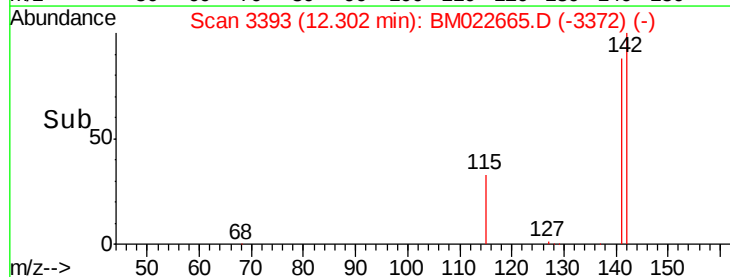
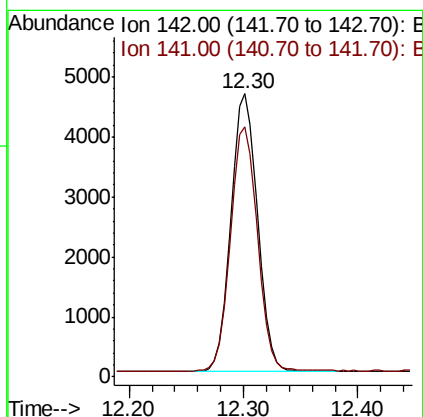
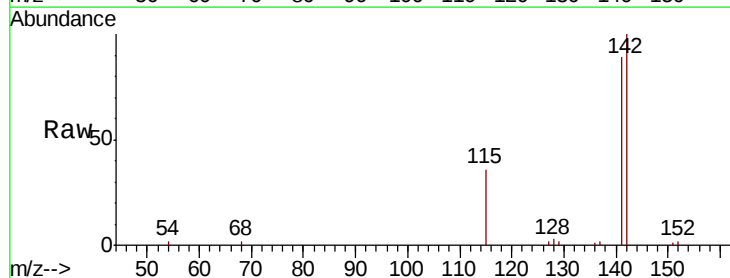
RT: 12.30 min Scan# 3393

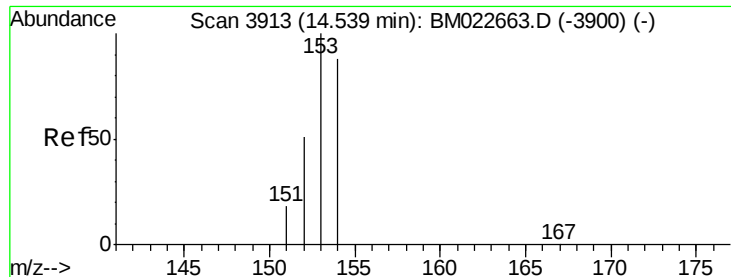
Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Tgt Ion:142	Resp:	7324
Ion Ratio	Lower	Upper
142	100	
141	88.8	70.8 106.2





#8

Acenaphthene

Concen: 0.288 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Instrument :

BNA_M

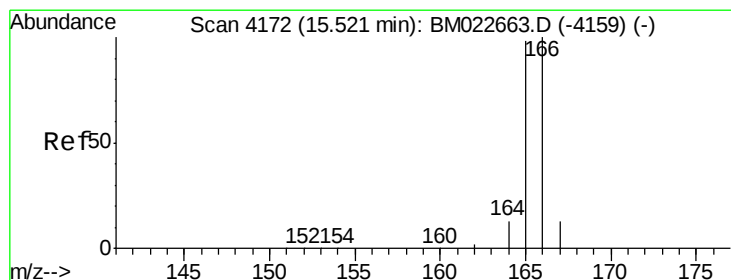
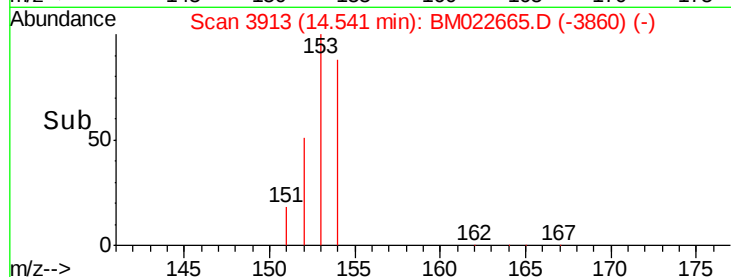
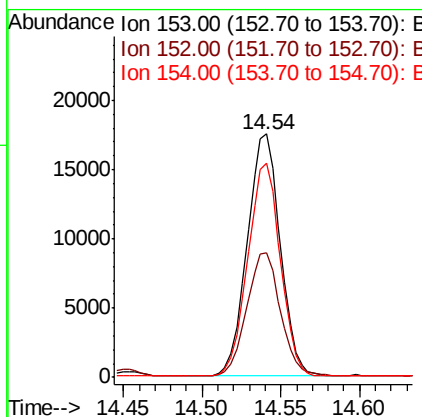
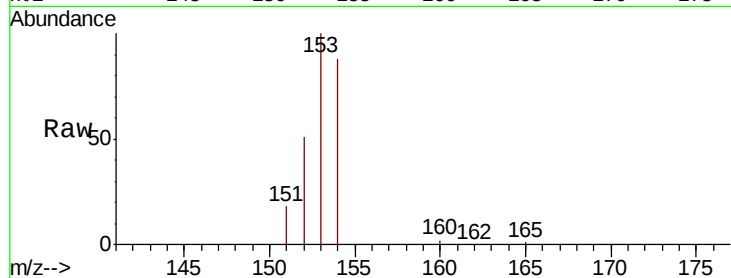
ClientSampleId :

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Tot Ion:	153	Resp:	25457
Ion	Ratio	Lower	Upper
153	100		
152	51.0	40.7	61.1
154	87.9	70.0	105.0

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#9

Fluorene

Concen: 0.386 ng/ul

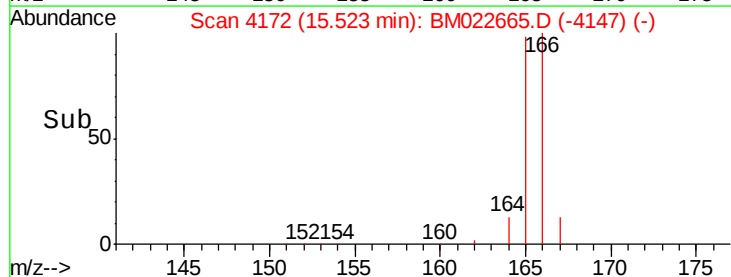
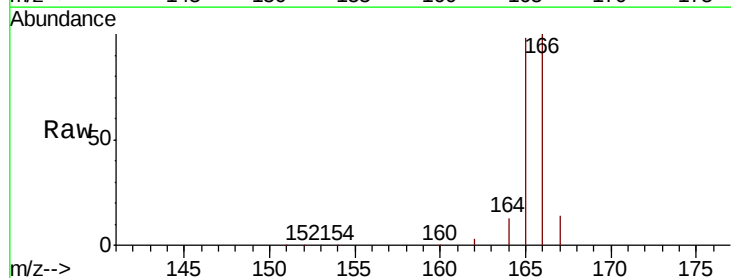
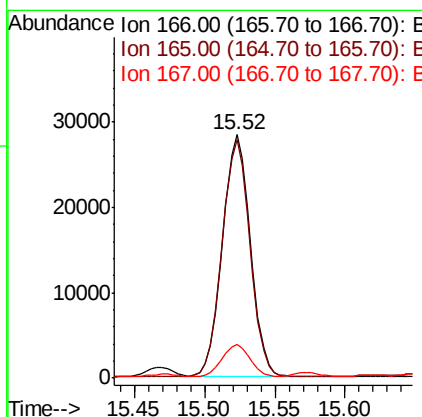
RT: 15.52 min Scan# 4172

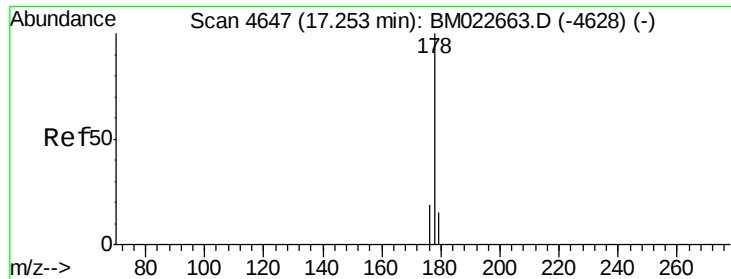
Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Tgt Ion:	166	Resp:	39154
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.2
167	13.7	10.8	16.2





#12

Phenanthrene

Concen: 0.767 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Instrument :

BNA_M

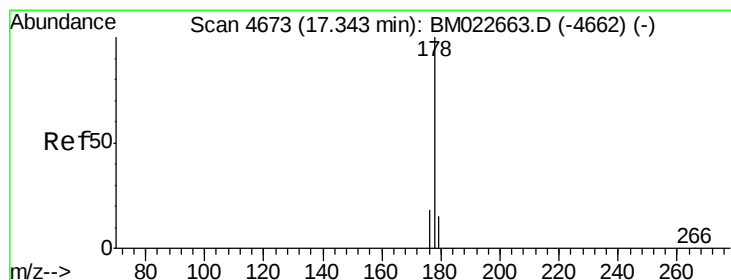
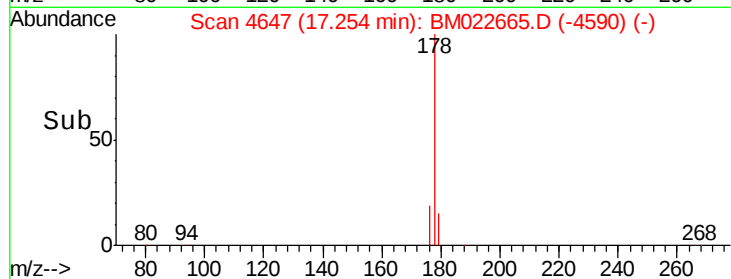
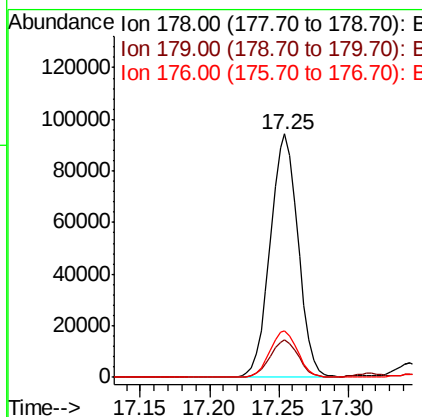
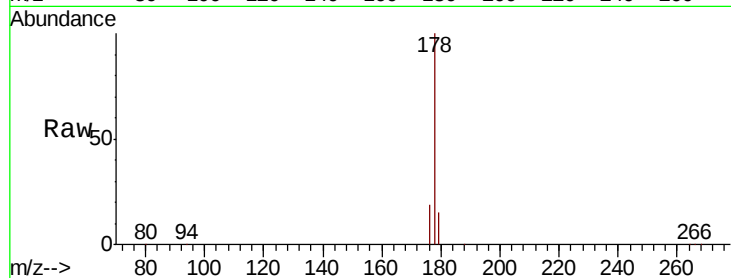
ClientSampleId :

BF574DL

Tot Ion:	178	Resp:	131277
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.0	15.3	22.9

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#13

Anthracene

Concen: 0.054 ng/ul

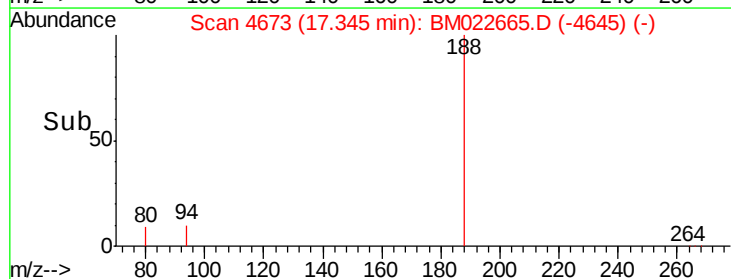
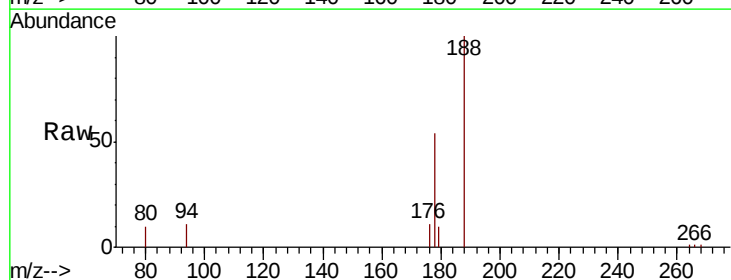
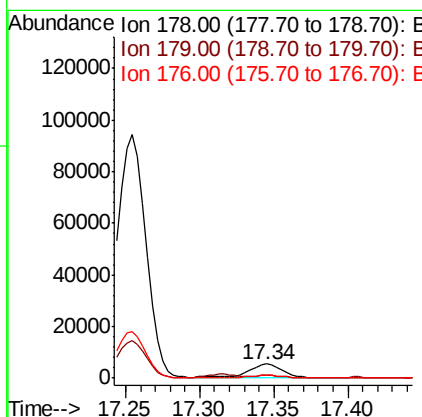
RT: 17.34 min Scan# 4673

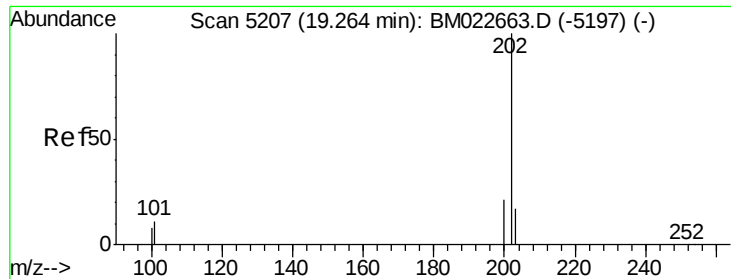
Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Tgt Ion:	178	Resp:	7915
Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.5	18.7
176	19.8	14.8	22.2





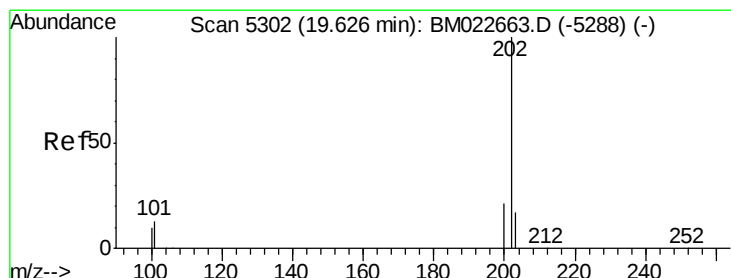
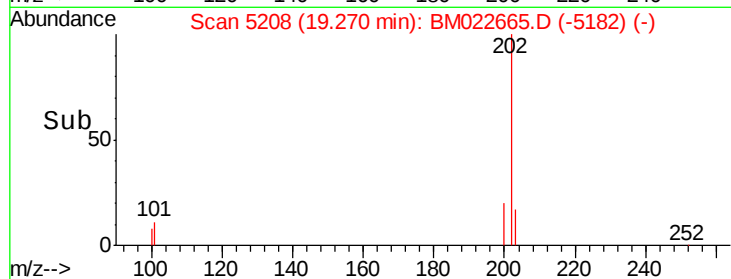
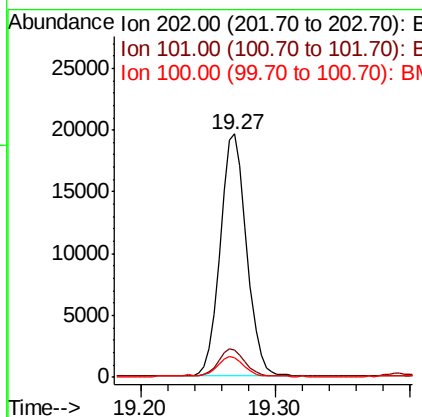
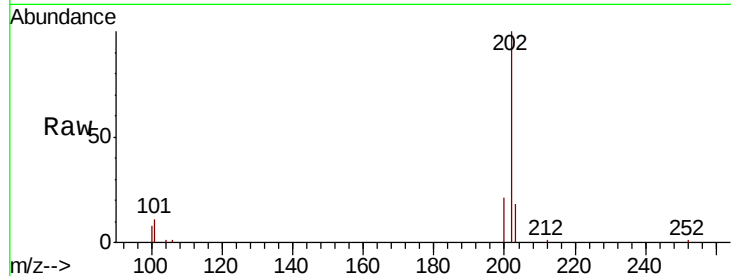
#15
Fluoranthene
Concen: 0.142 ng/ul
RT: 19.27 min Scan# 5208
Delta R.T. -0.00 min
Lab File: BM022665.D
Acq: 12 Sep 2019 13:44

Instrument :
BNA_M
ClientSampled :
BF574DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	30.5
100	8.2	0.0	28.0

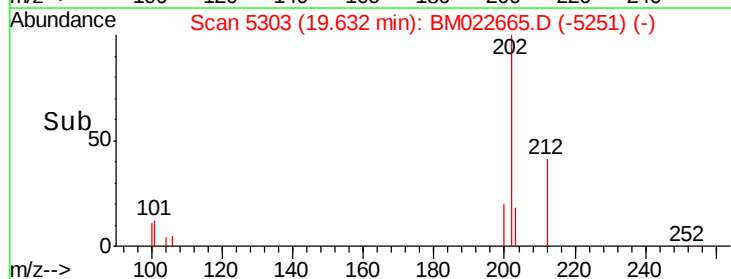
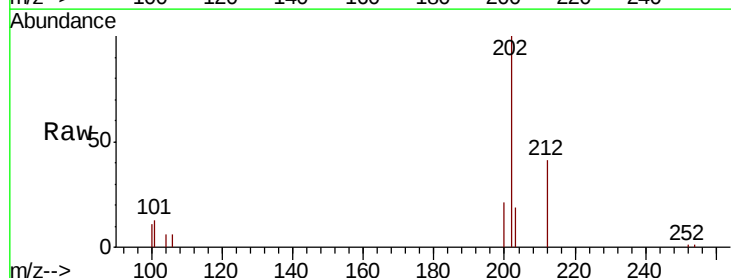
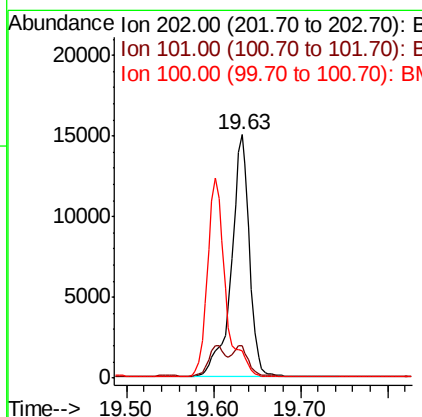
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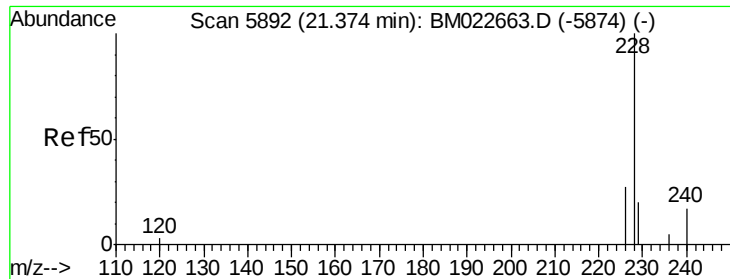
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#17
Pyrene
Concen: 0.109 ng/ul
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022665.D
Acq: 12 Sep 2019 13:44

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	10.0	15.0
100	11.1	8.1	12.1





#18

Benzo(a)anthracene

Concen: 0.023 ng/ul

RT: 21.38 min Scan# 5892

Delta R.T. 0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Instrument :

BNA_M

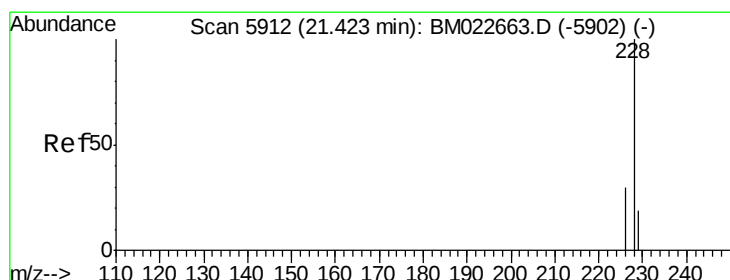
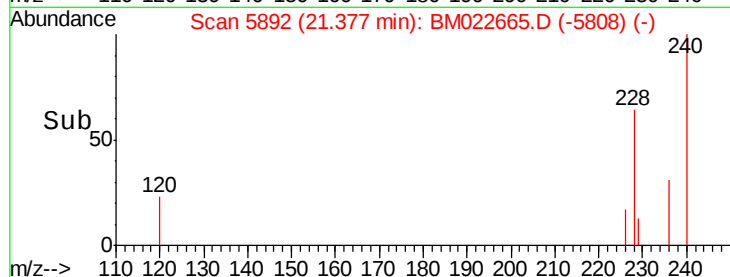
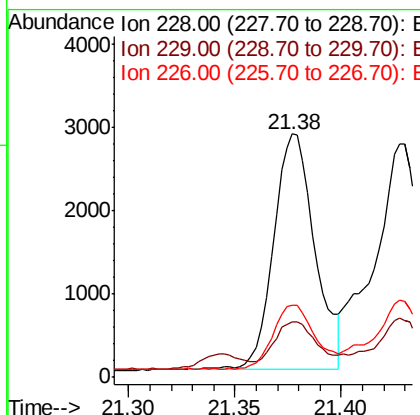
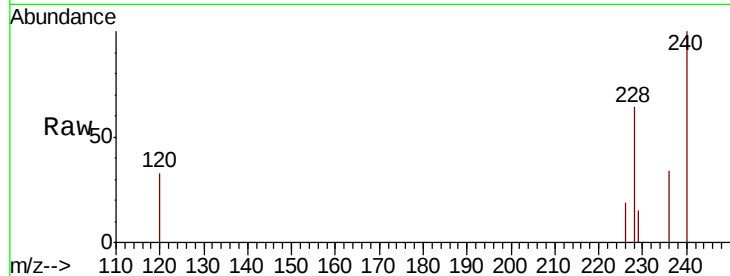
ClientSampleId :

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Tot Ion:	228	Resp:	3846
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.6	23.4
226	29.5	22.0	33.0

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#19

Chrysene

Concen: 0.024 ng/ul m

RT: 21.43 min Scan# 5913

Delta R.T. -0.00 min

Lab File: BM022665.D

Acq: 12 Sep 2019 13:44

Tgt Ion:	228	Resp:	4197
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.8	35.8
229	25.2	15.5	23.3#

