Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022660.D
Acq On : 11 Sep 2019 16:55
Operator : HP/JU
Sample : K4706-03DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF569DL

Manual Integrations APPROVED
mohammad
9/16/2019 8:55:09 AM

Quant Time: Sep 12 01:49:02 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	10698	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	44218	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	26446	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	56464	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	47713	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	43482	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	4583	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11373	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	21435	0.170	ng/ul	98
5) 2-Methylnaphthalene	12.30	142	4574	0.053	ng/ul	100
8) Acenaphthene	14.54	153	2985	0.029	ng/ul	98
9) Fluorene	15.52	166	4225	0.036	ng/ul	98
12) Phenanthrene	17.26	178	41988	0.233	ng/ul	99
13) Anthracene	17.35	178	11736	0.076	ng/ul	97
15) Fluoranthene	19.27	202	36982	0.191	ng/ul	99
17) Pyrene	19.63	202	30498m	0.141	ng/ul	
18) Benzo(a)anthracene	21.37	228	11204	0.061	ng/ul	98
19) Chrysene	21.43	228	10768	0.056	ng/ul	96
21) Benzo(b)fluoranthene	22.99	252	11198m	0.059	ng/ul	
23) Benzo(a)pyrene	23.57	252	7980	0.048	ng/ul#	51

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

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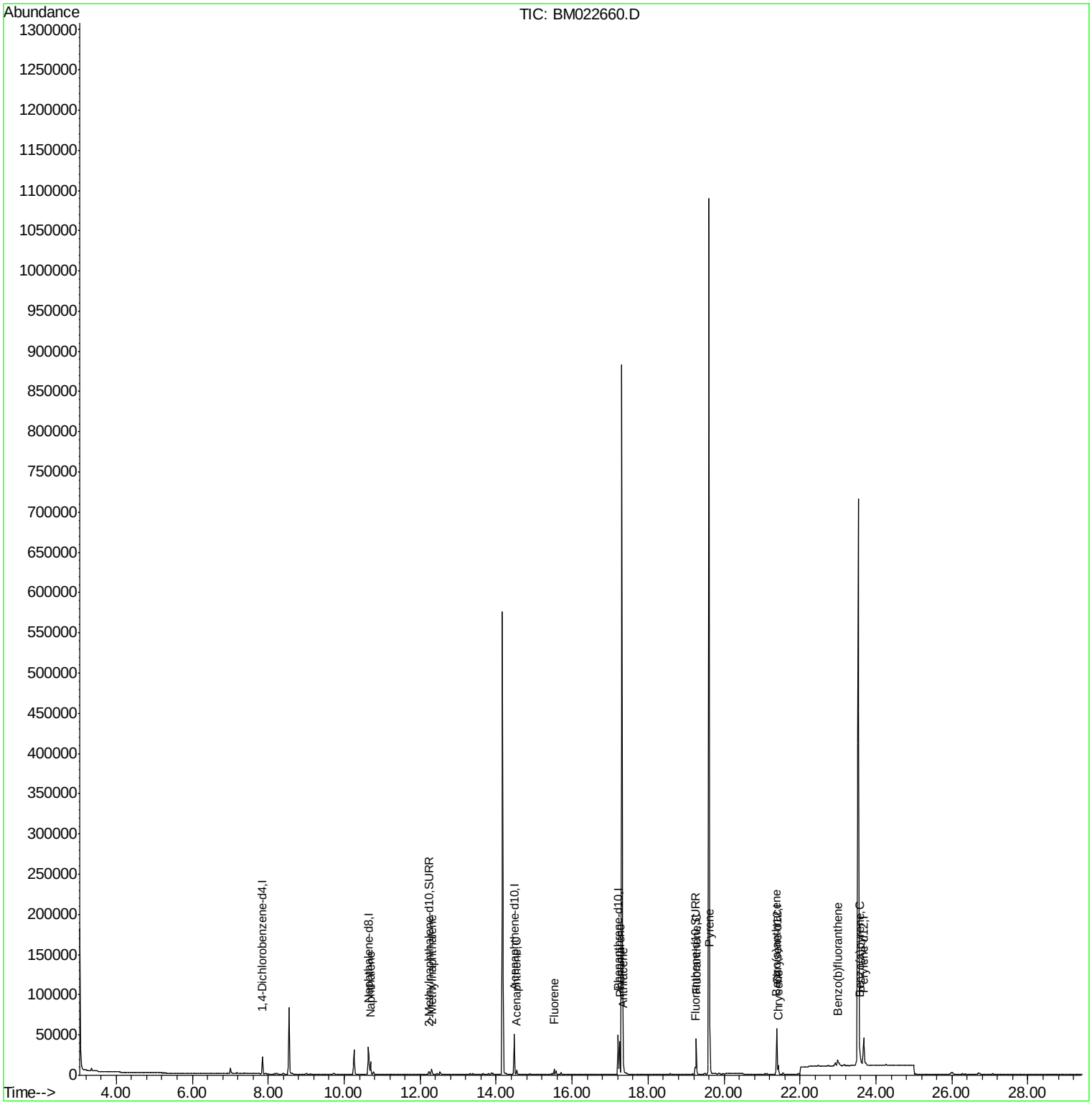
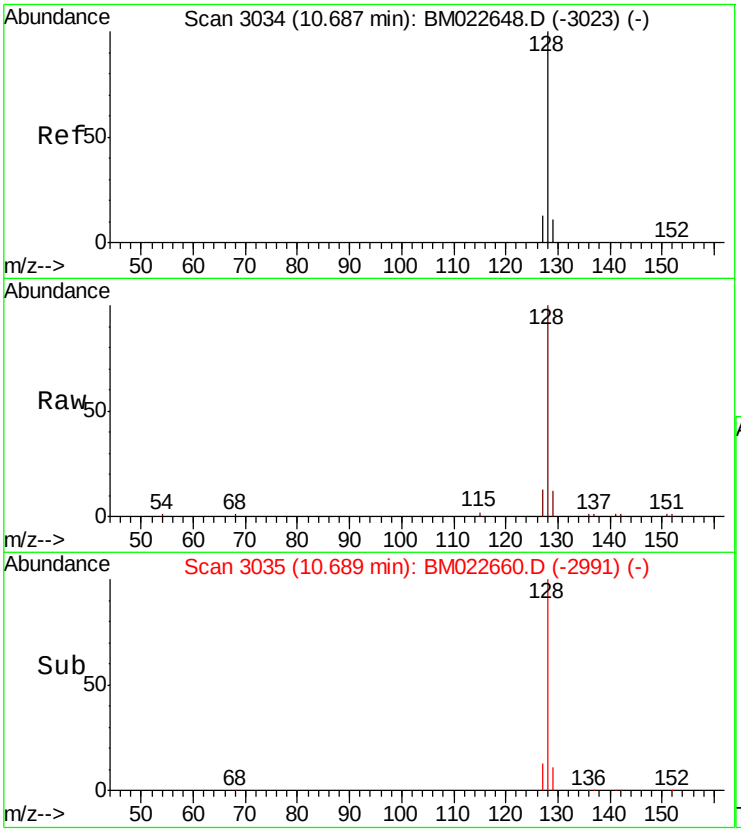
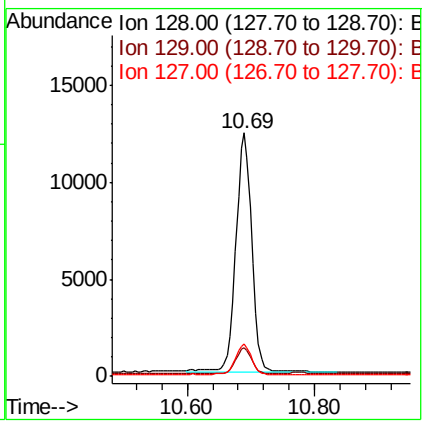




#3
Naphthalene
Concen: 0.170 ng/ul
RT: 10.69 min Scan# 3035
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:128 Resp: 21435

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.5	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
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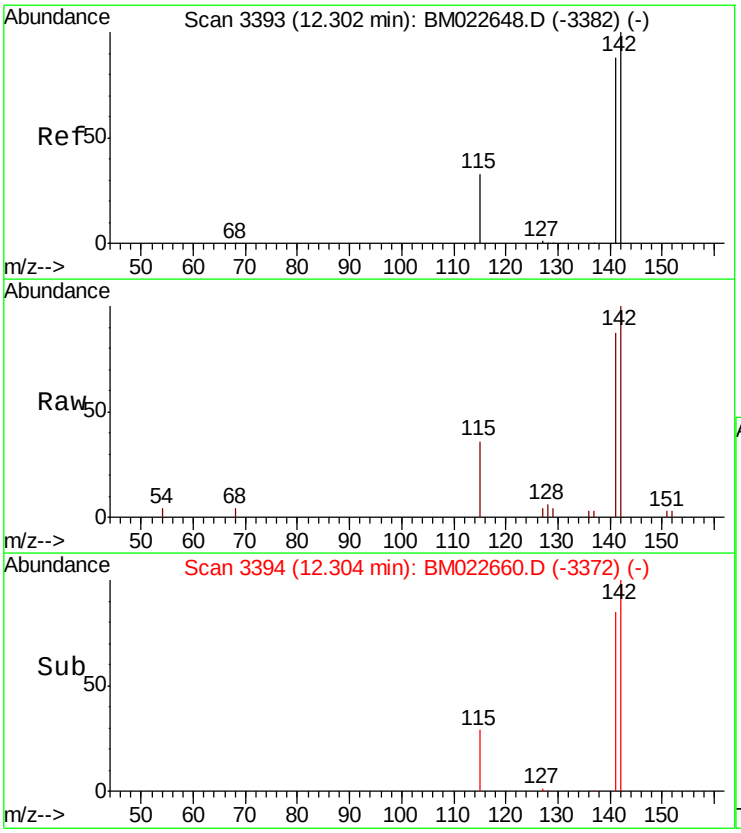
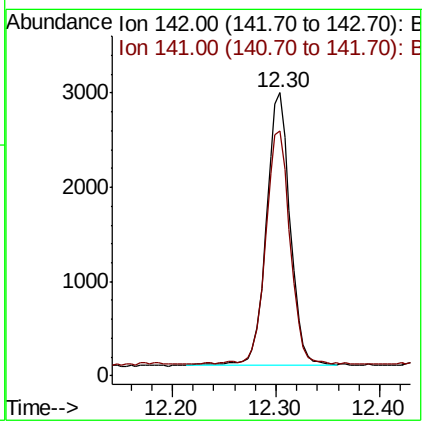
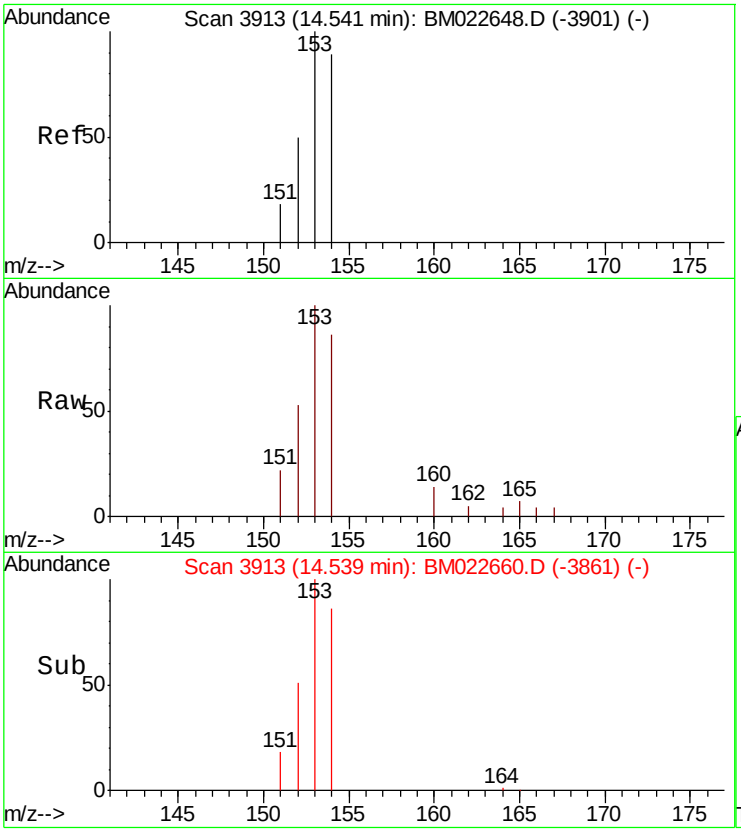


#5
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.30 min Scan# 3394
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:142 Resp: 4574

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2

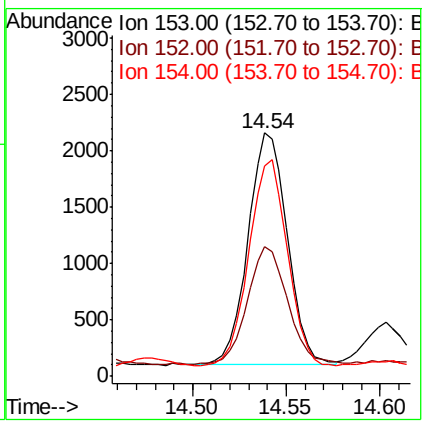




#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.54 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:153 Resp: 2985

Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.7	61.1
154	86.2	70.0	105.0



Instrument :
BNA_M
ClientSampleId :
BF569DL

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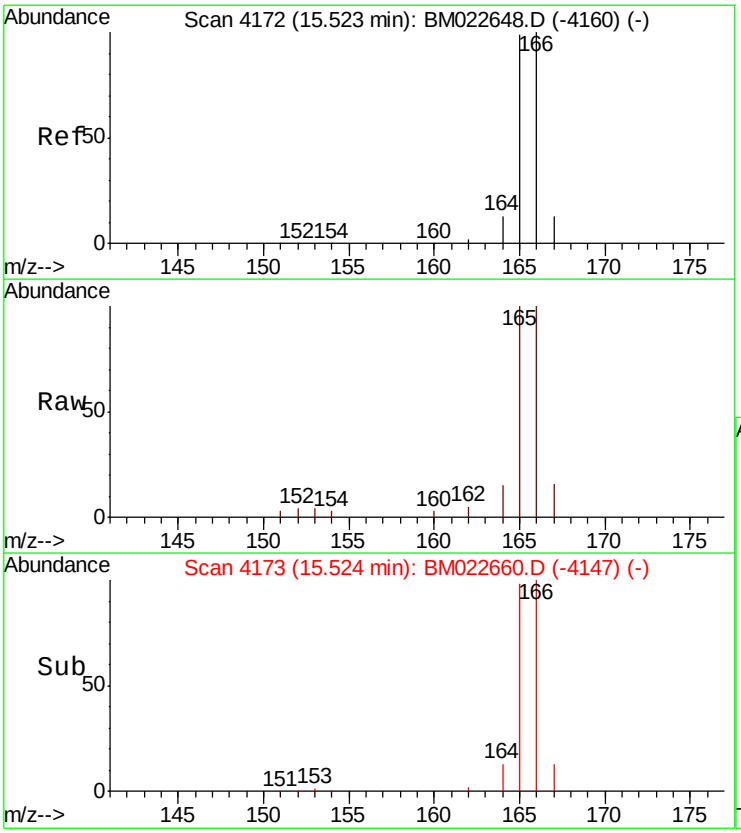
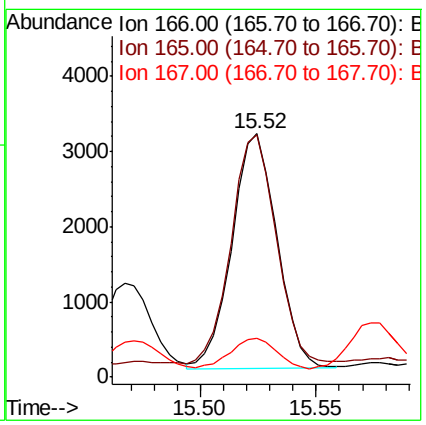
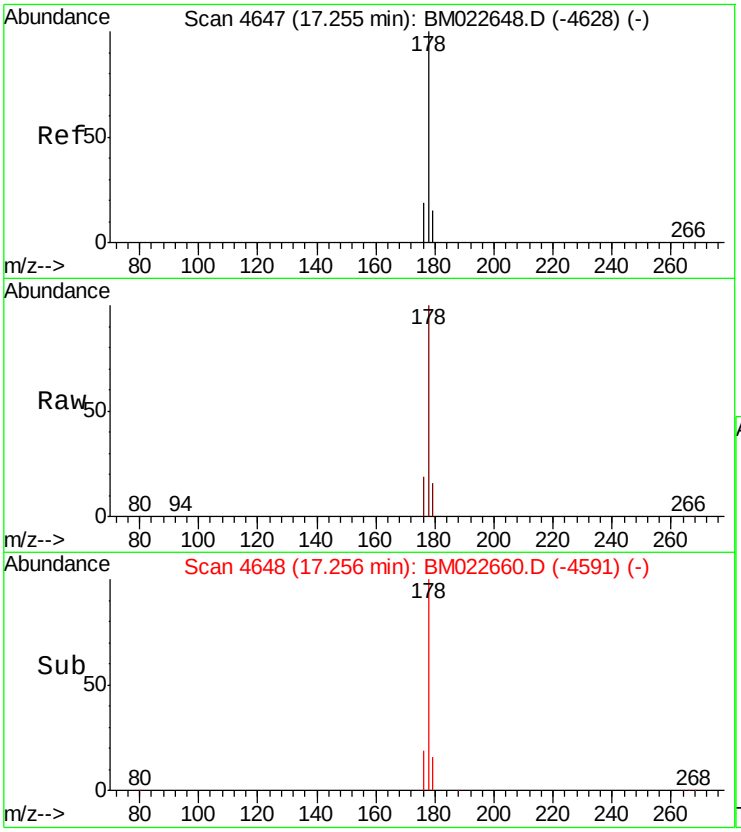


#9
Fluorene
Concen: 0.036 ng/ul
RT: 15.52 min Scan# 4173
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:166 Resp: 4225

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.2	117.2
167	15.9	10.8	16.2

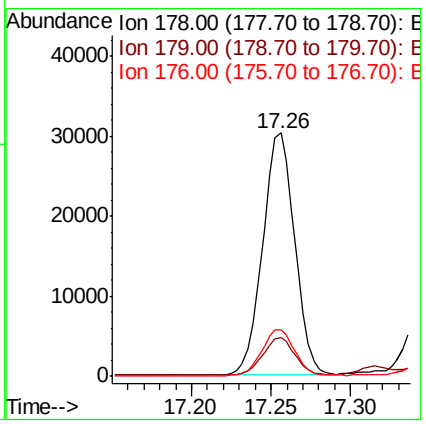




#12
Phenanthrene
Concen: 0.233 ng/ul
RT: 17.26 min Scan# 4648
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:178 Resp: 41988

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.1	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
BF569DL

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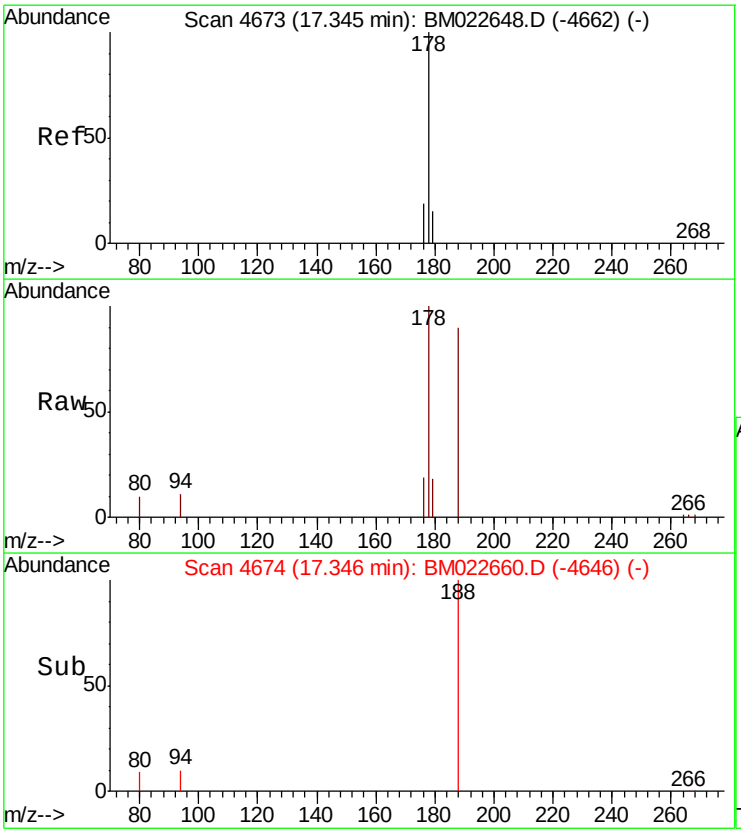
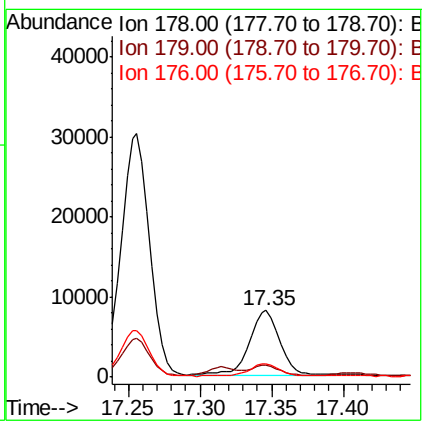
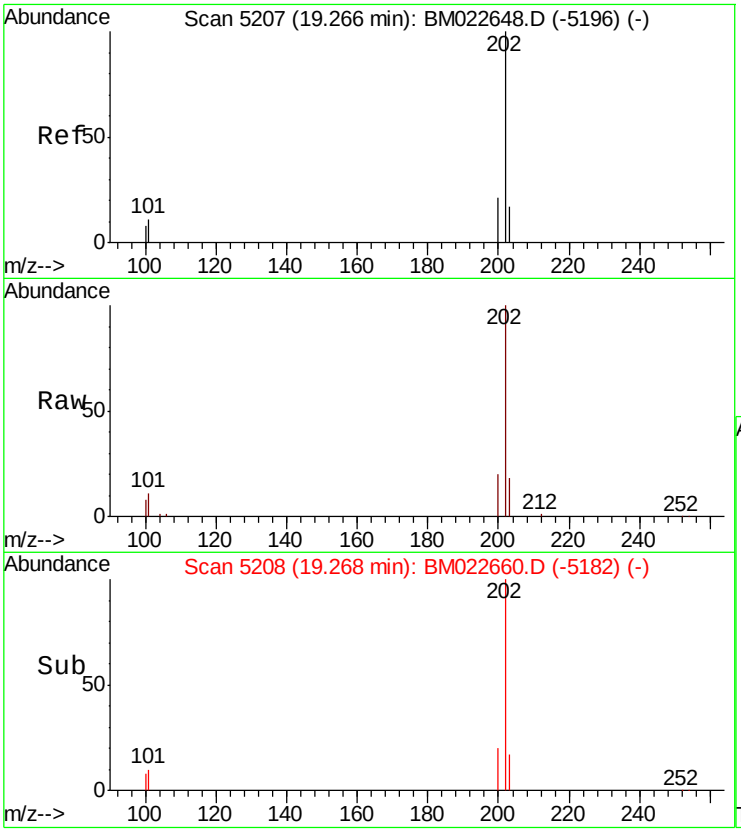


#13
Anthracene
Concen: 0.076 ng/ul
RT: 17.35 min Scan# 4674
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:178 Resp: 11736

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.5	18.7
176	19.1	14.8	22.2

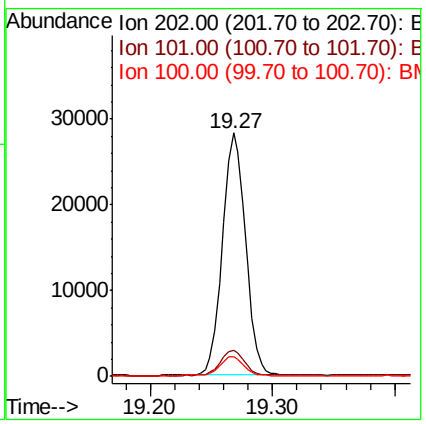




#15
Fluoranthene
Concen: 0.191 ng/ul
RT: 19.27 min Scan# 5208
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:202 Resp: 36982

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.5
100	8.1	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
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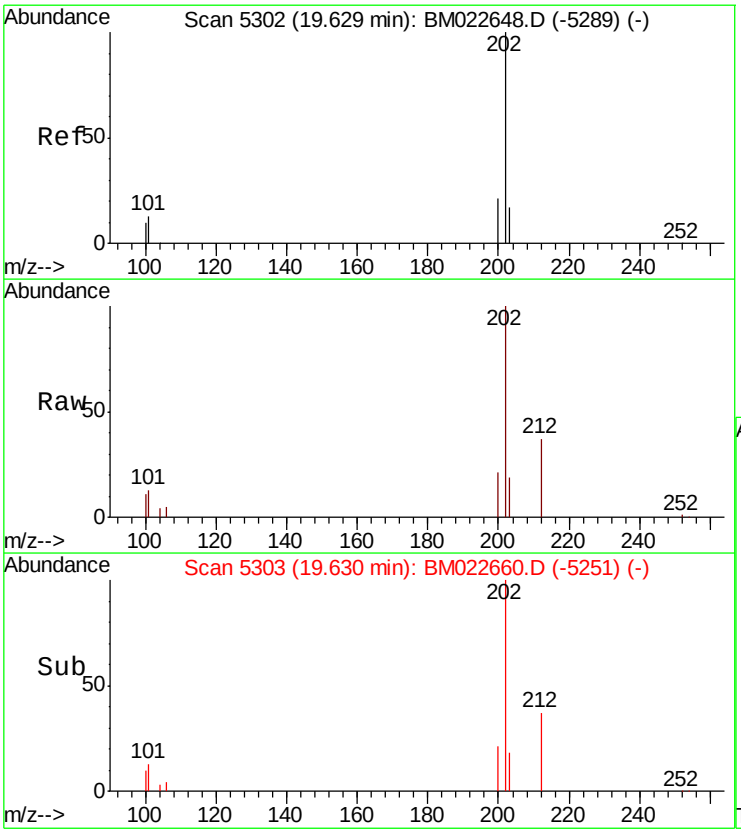
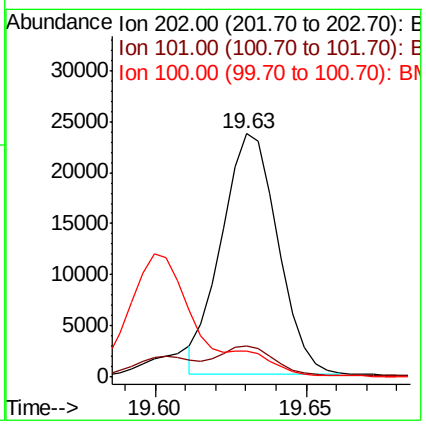
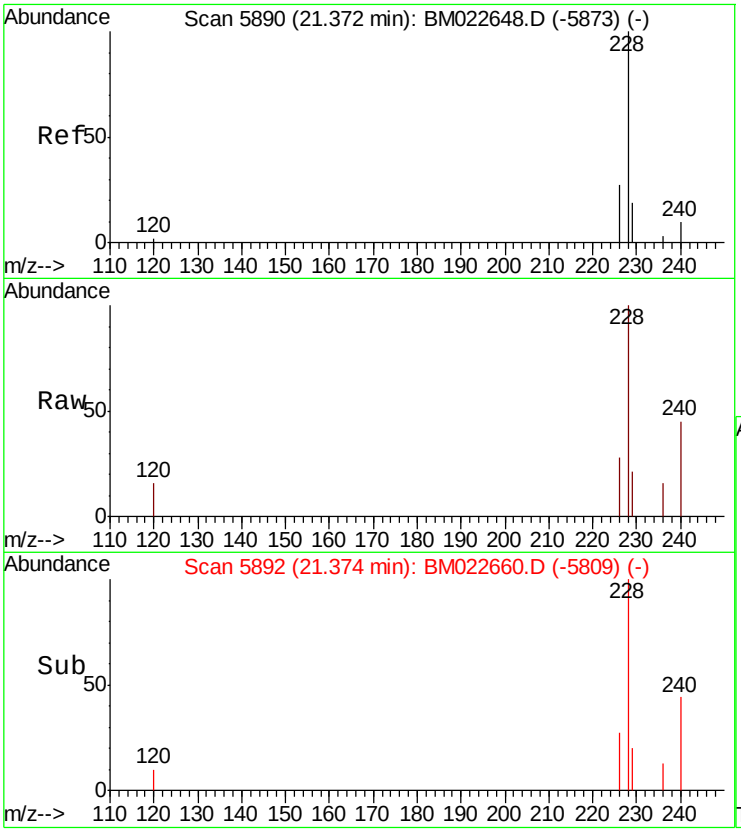


#17
Pyrene
Concen: 0.141 ng/ul m
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:202 Resp: 30498

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.8	8.1	12.1

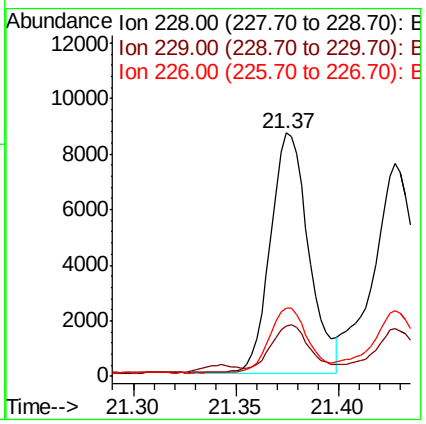




#18
Benzo(a)anthracene
Concen: 0.061 ng/ul
RT: 21.37 min Scan# 5892
Delta R.T. 0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:228 Resp: 11204

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.2	22.0	33.0



Instrument :
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ClientSampleId :
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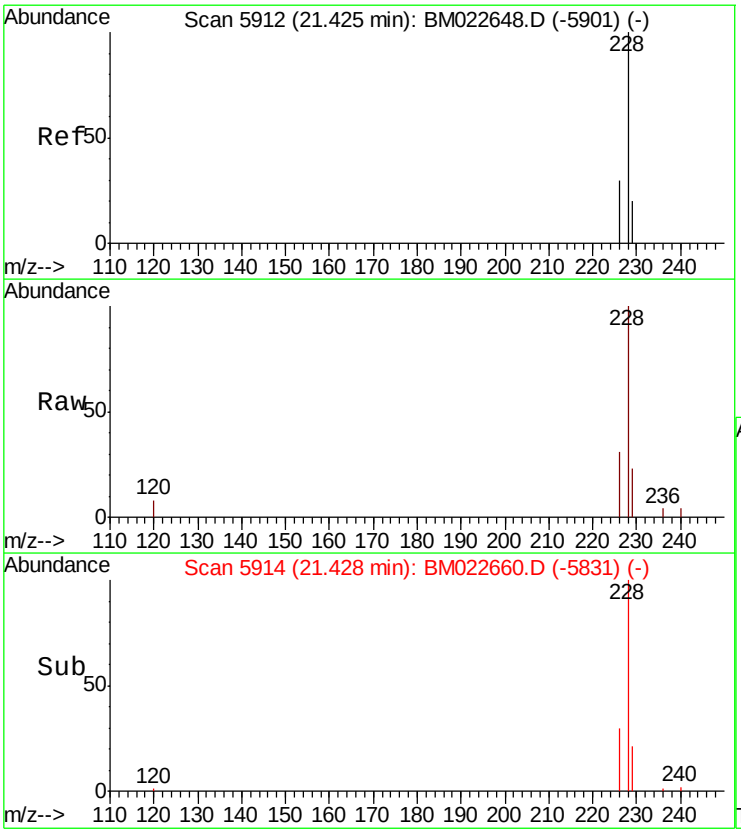
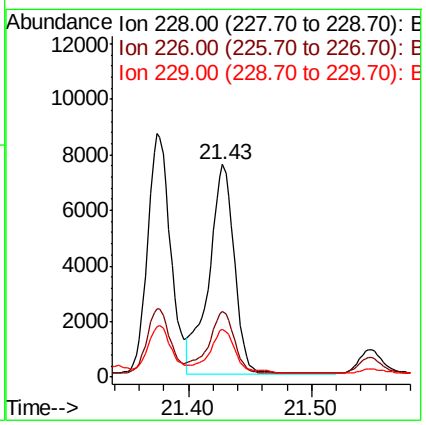
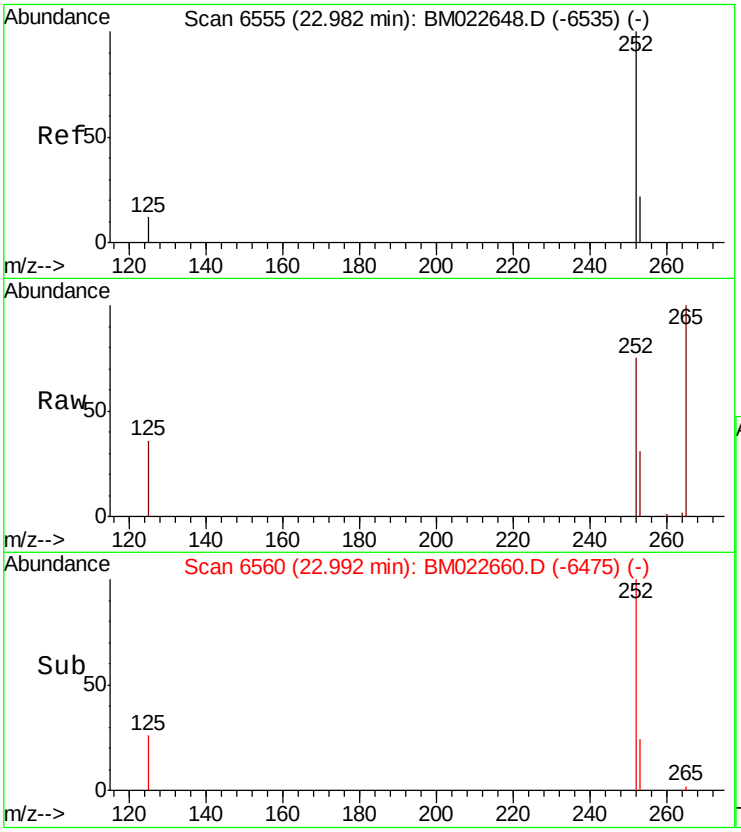


#19
Chrysene
Concen: 0.056 ng/ul
RT: 21.43 min Scan# 5914
Delta R.T. 0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:228 Resp: 10768

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	22.6	15.5	23.3





#21
Benzo(b)fluoranthene
Concen: 0.059 ng/ul m
RT: 22.99 min Scan# 6560
Delta R.T. 0.01 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:252 Resp: 11198

Ion	Ratio	Lower	Upper
252	100		
253	41.1	0.0	48.4
125	48.6	0.0	31.2#

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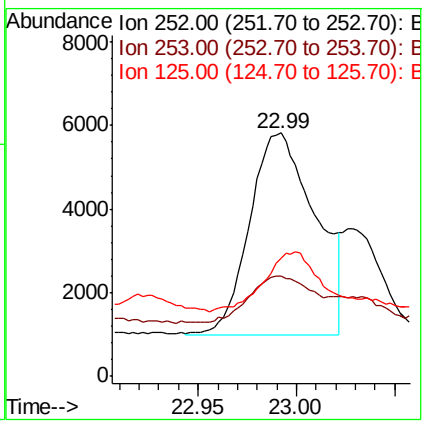

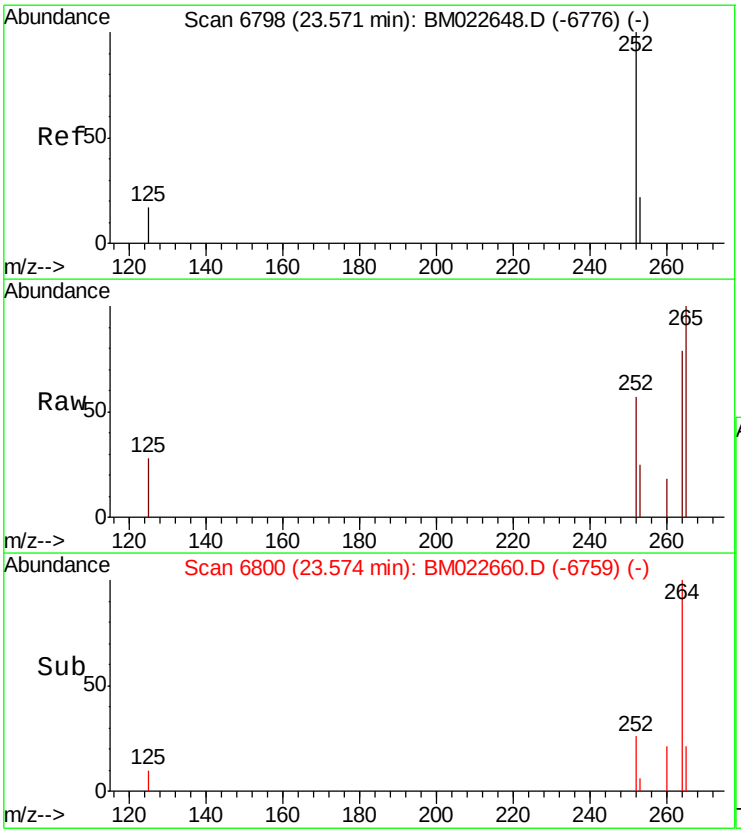

#23
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.57 min Scan# 6800
Delta R.T. 0.00 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:252 Resp: 7980

Ion	Ratio	Lower	Upper
252	100		
253	43.7	20.2	30.2#
125	49.6	15.7	23.5#