Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022655.D
Acq On : 11 Sep 2019 13:52
Operator : HP/JU
Sample : K4706-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF573

Manual Integrations APPROVED
mohammad
9/16/2019 8:54:54 AM

Quant Time: Sep 11 15:48:19 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	22532	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	89638	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.48	164	67879	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	126480m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	84020m	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	67047m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	51080	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	111603m	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	54456607	213.214	ng/ul#	91
5) 2-Methylnaphthalene	12.31	142	14751923	84.249	ng/ul	99
7) Acenaphthylene	14.20	152	2923042	9.303	ng/ul	98
8) Acenaphthene	14.55	153	9899147	37.634	ng/ul	96
9) Fluorene	15.53	166	8153293	27.053	ng/ul	97
12) Phenanthrene	17.26	178	10207361m	25.331	ng/ul	
13) Anthracene	17.35	178	854415m	2.471	ng/ul	
15) Fluoranthene	19.27	202	2608788m	5.999	ng/ul	
17) Pyrene	19.63	202	1646179	4.322	ng/ul	100
18) Benzo(a)anthracene	21.37	228	128824	0.401	ng/ul	95
19) Chrysene	21.43	228	94645m	0.280	ng/ul	
21) Benzo(b)fluoranthene	22.99	252	46901m	0.161	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	15968m	0.054	ng/ul	
23) Benzo(a)pyrene	23.58	252	27563	0.108	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.98	276	8653	0.028	ng/ul#	86
26) Benzo(g,h,i)perylene	26.70	276	6913	0.028	ng/ul#	73

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

Quantitation Report (QT Reviewed)

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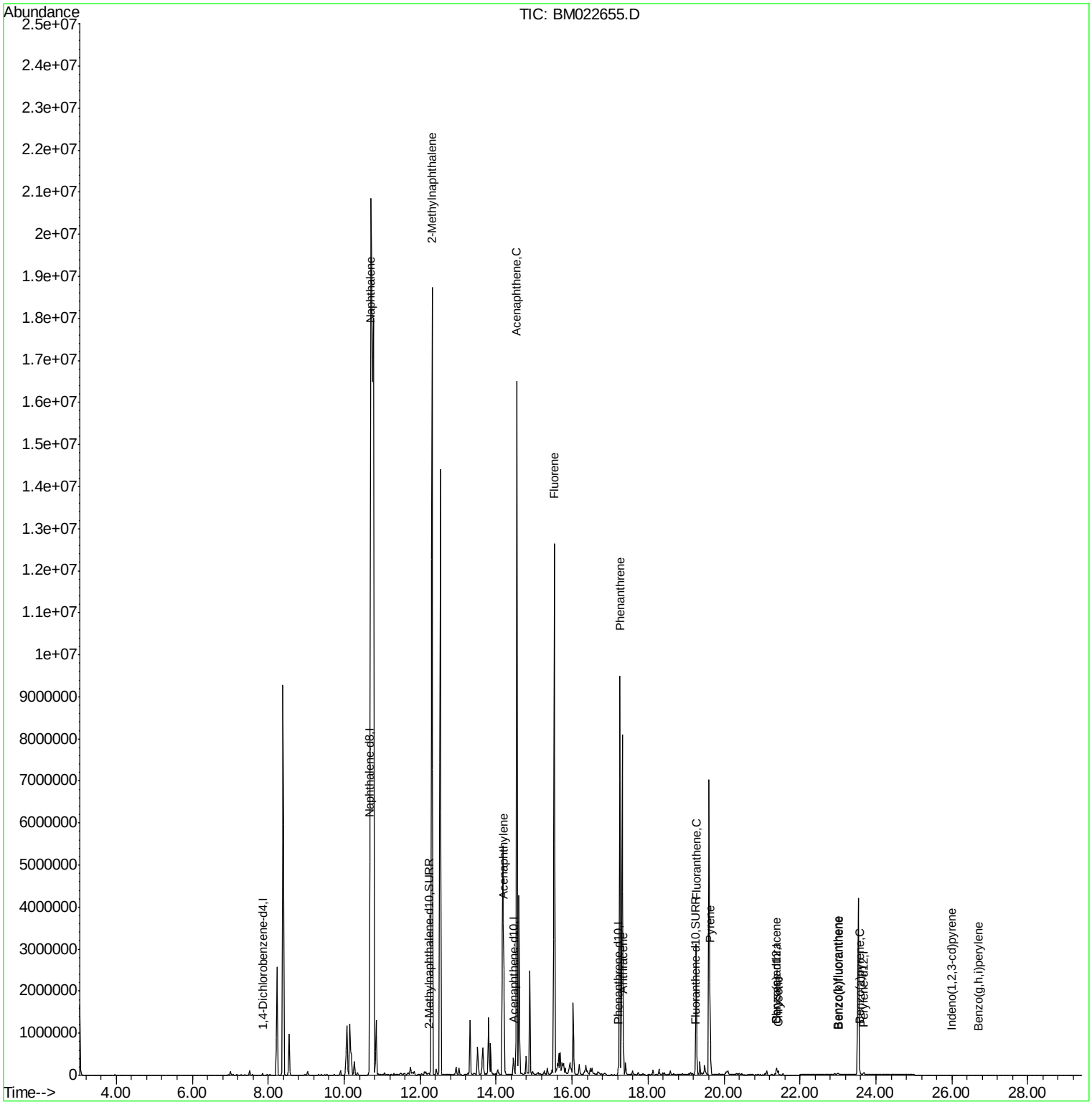

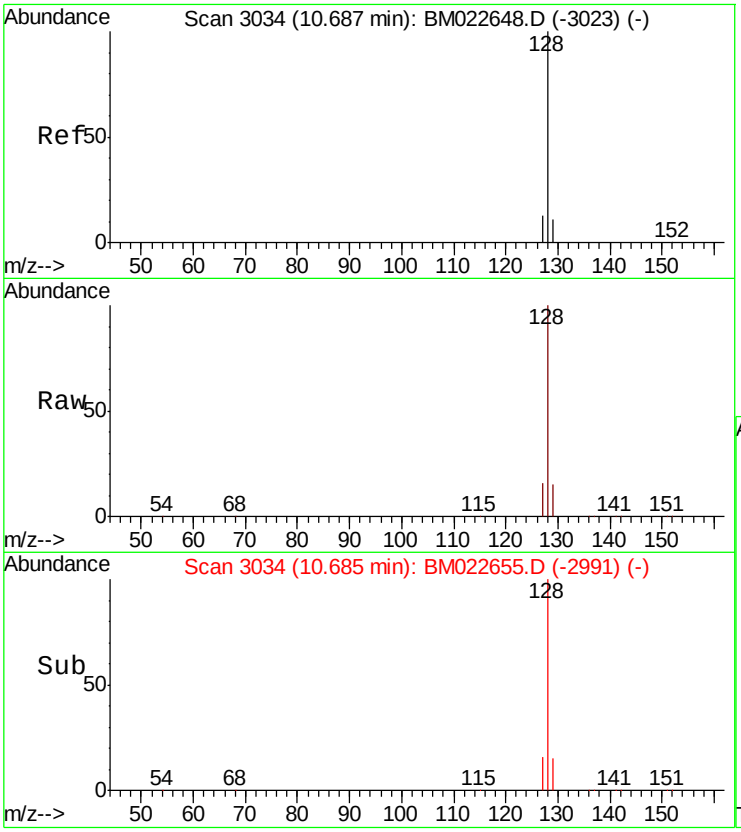

#3
Naphthalene
Concen: 213.214 ng/ul
RT: 10.68 min Scan# 3034
Delta R.T. -0.01 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:128 Resp:54456607

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.8	13.2#
127	15.9	10.4	15.6#

Instrument :
BNA_M
ClientSampleId :
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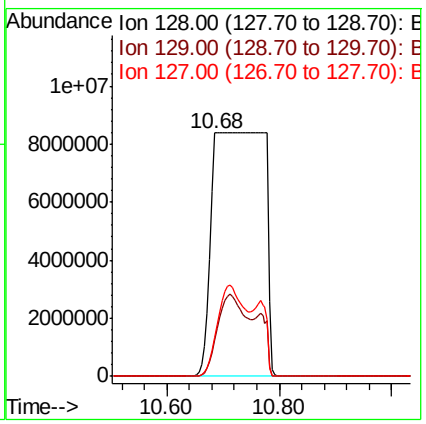
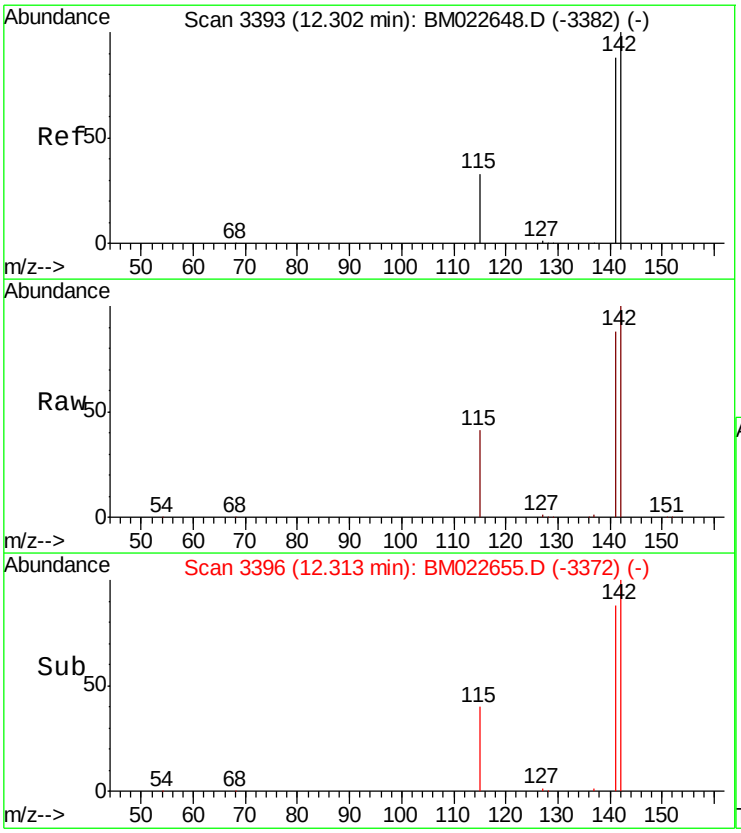
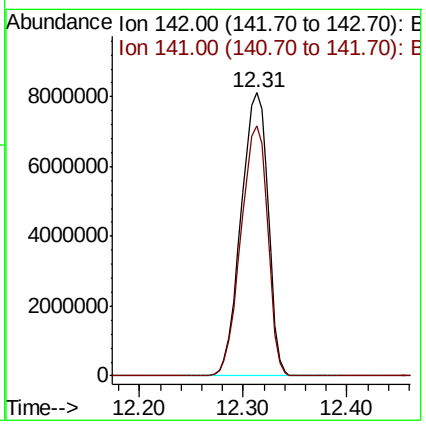


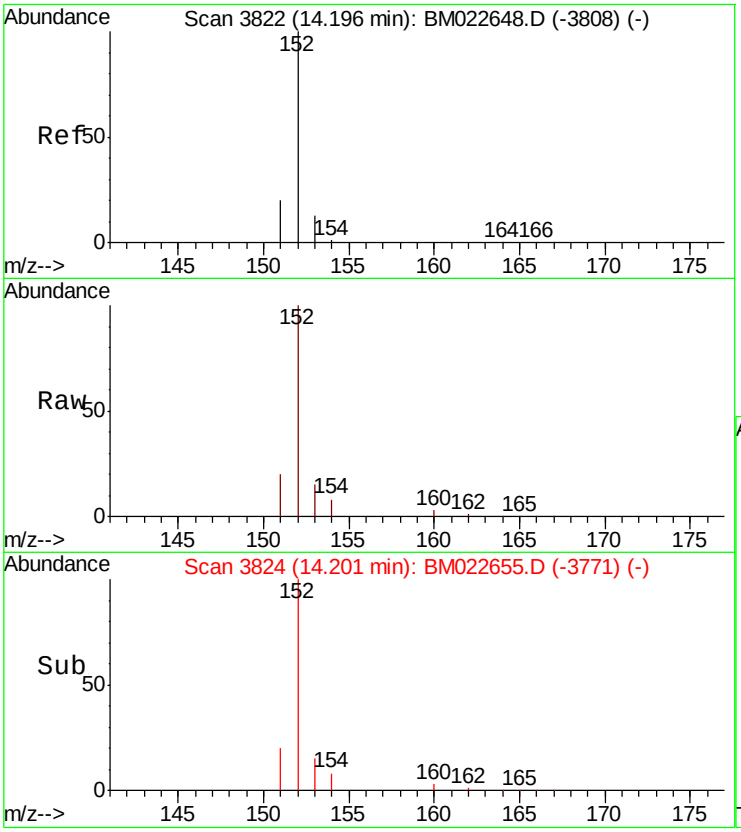


#5
2-Methylnaphthalene
Concen: 84.249 ng/ul
RT: 12.31 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:142 Resp:14751923

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2

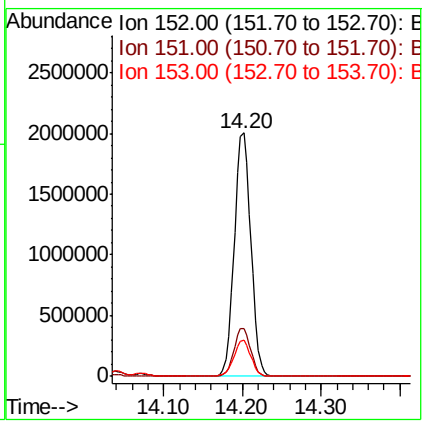




#7
Acenaphthylene
Concen: 9.303 ng/ul
RT: 14.20 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:152 Resp: 2923042

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	14.8	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
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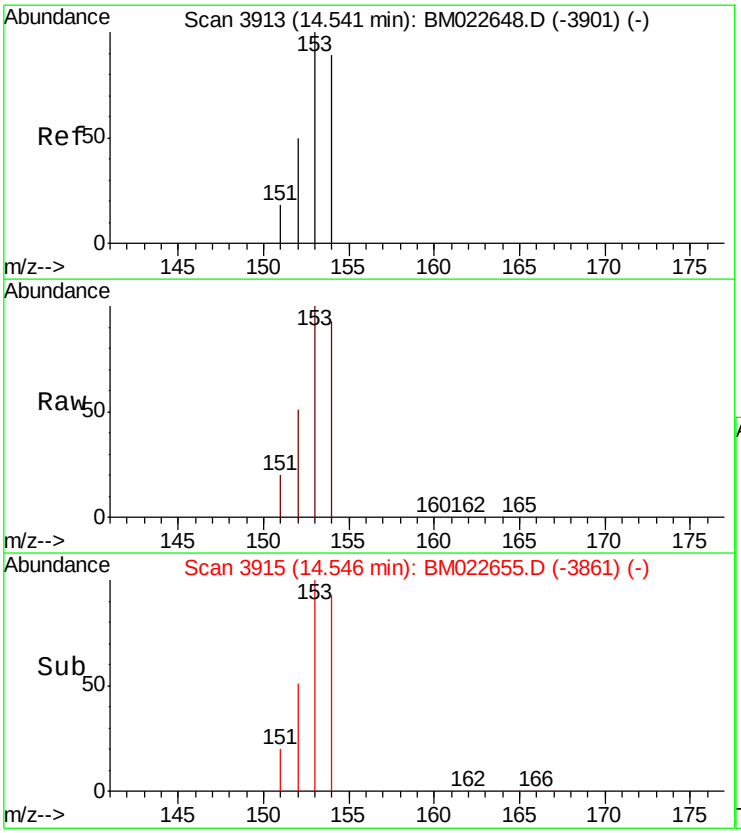
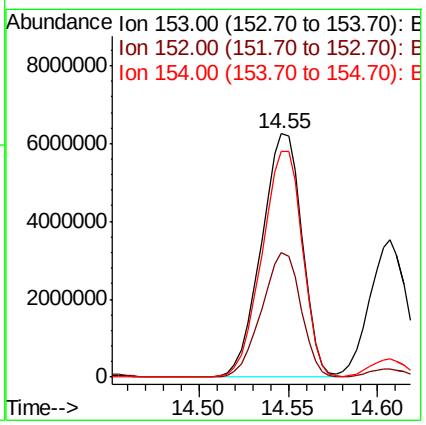
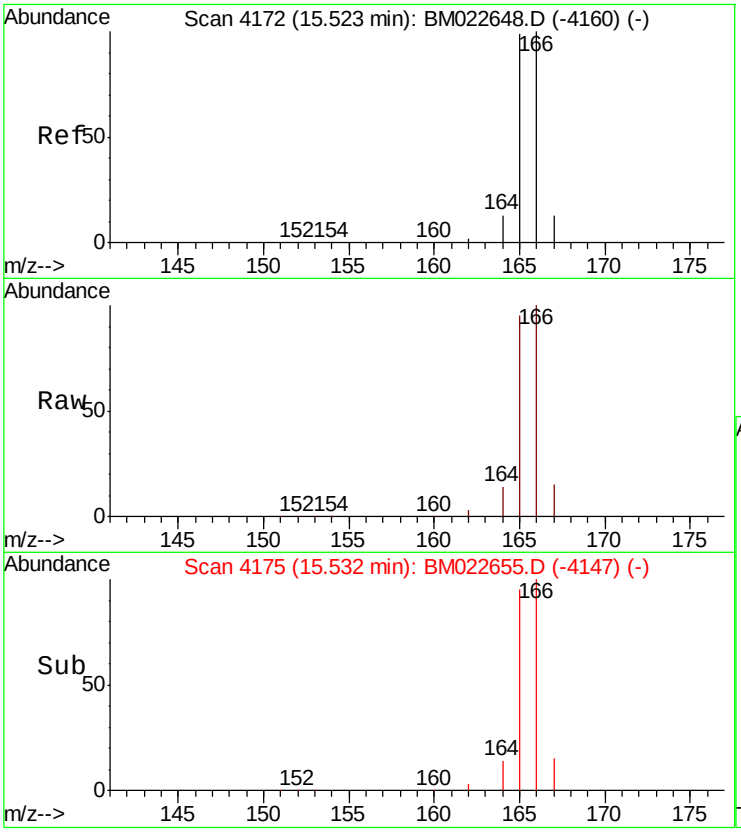


#8
Acenaphthene
Concen: 37.634 ng/ul
RT: 14.55 min Scan# 3915
Delta R.T. 0.01 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:153 Resp: 9899147

Ion	Ratio	Lower	Upper
153	100		
152	51.0	40.7	61.1
154	92.7	70.0	105.0

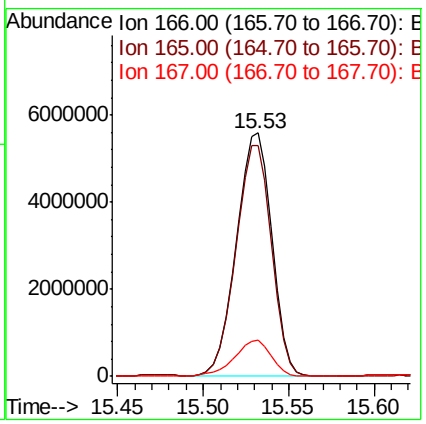




#9
Fluorene
Concen: 27.053 ng/ul
RT: 15.53 min Scan# 4175
Delta R.T. 0.01 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:166 Resp: 8153293

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.2	117.2
167	14.7	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
BF573

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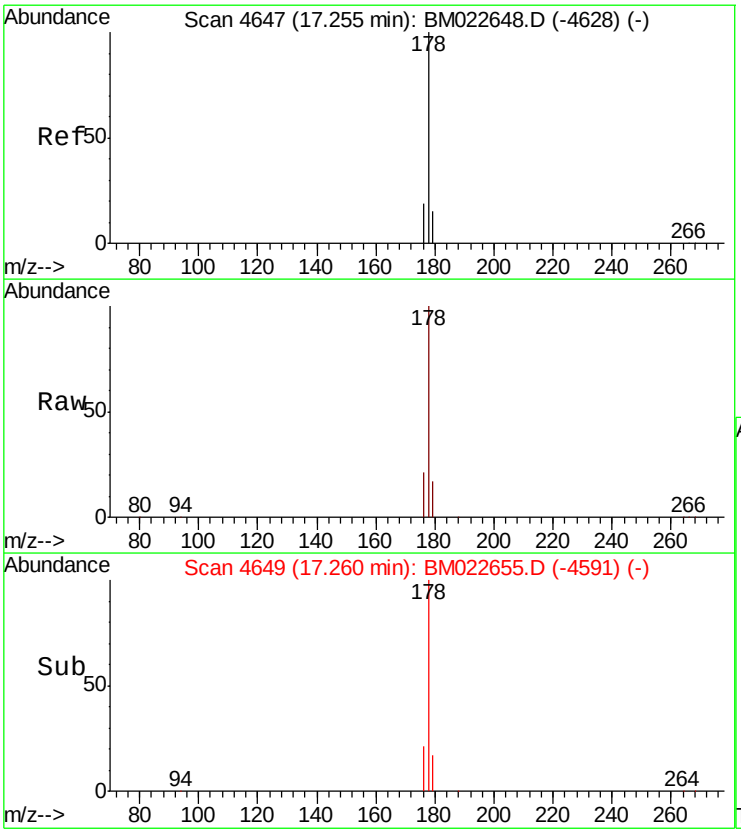
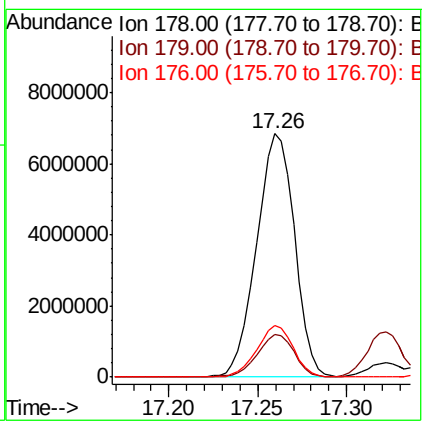
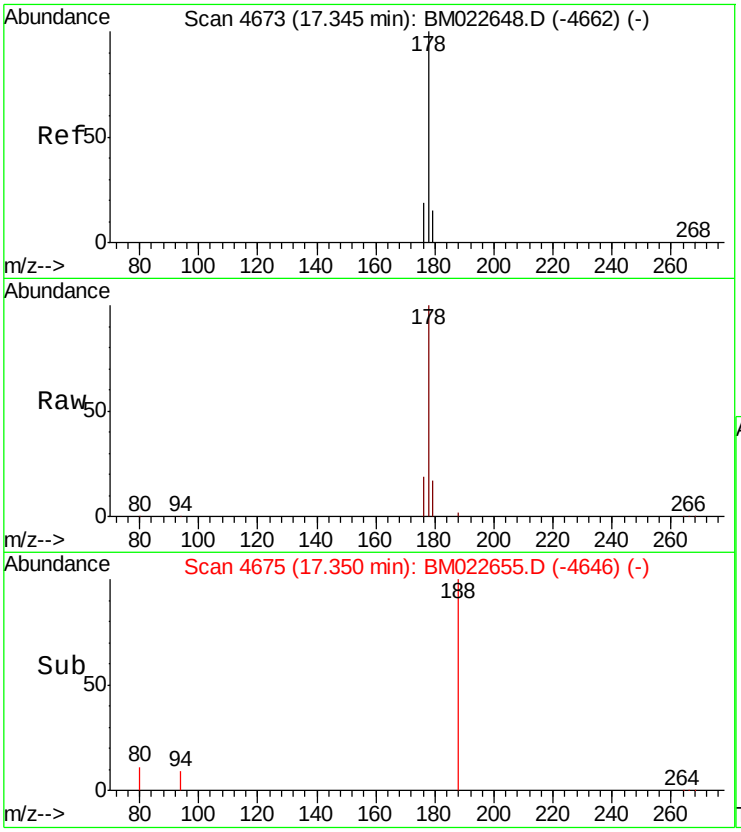


#12
Phenanthrene
Concen: 25.331 ng/ul m
RT: 17.26 min Scan# 4649
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:178 Resp:10207361

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.4	18.6
176	21.3	15.3	22.9

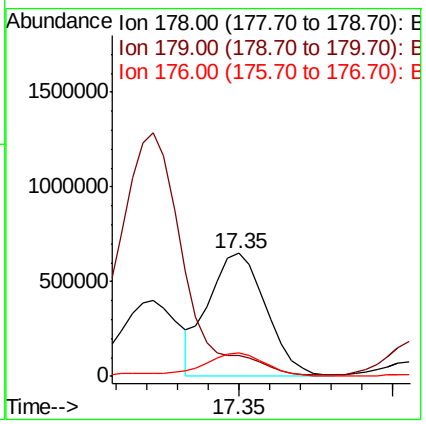




#13
Anthracene
Concen: 2.471 ng/ul m
RT: 17.35 min Scan# 4675
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:178 Resp: 854415

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	18.9	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
BF573

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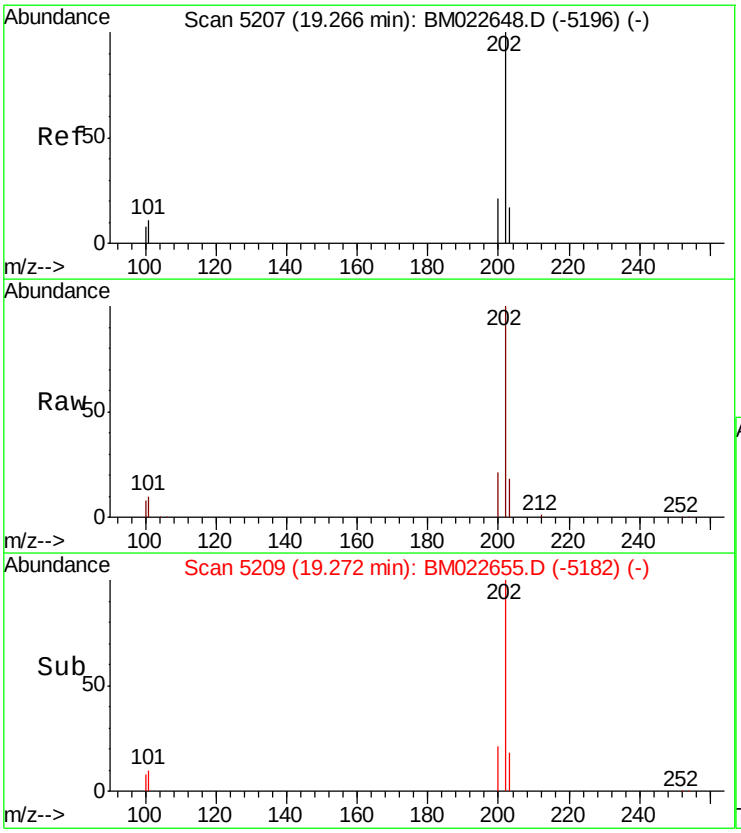
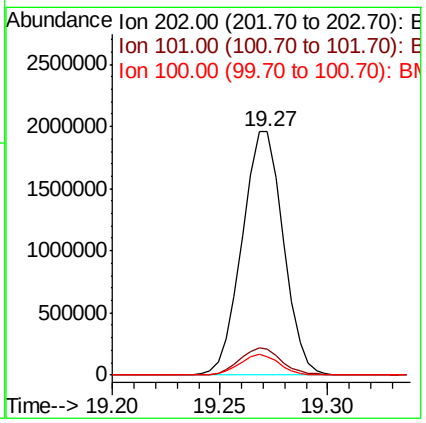
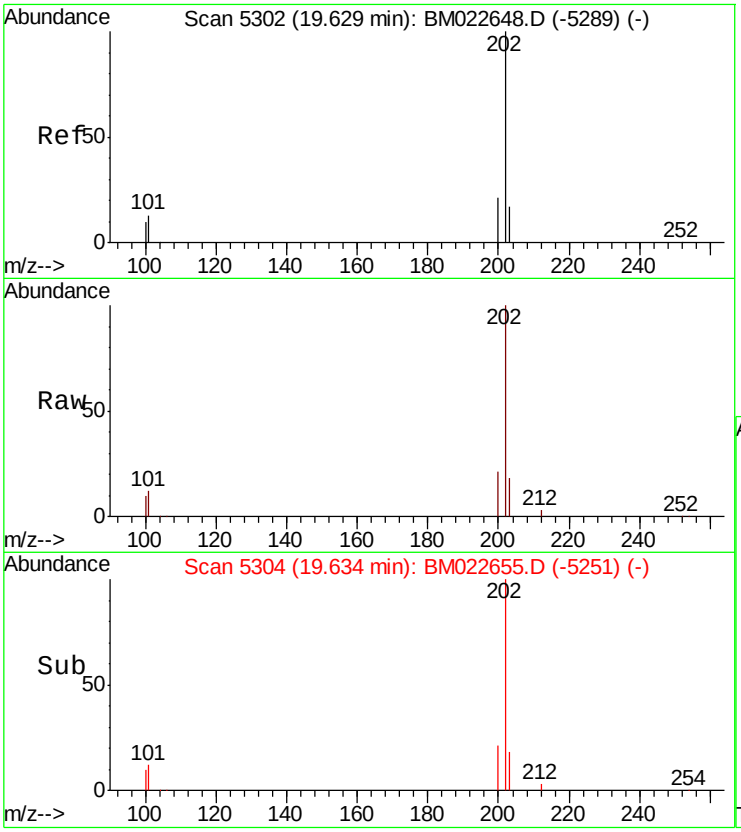


#15
Fluoranthene
Concen: 5.999 ng/ul m
RT: 19.27 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:202 Resp: 2608788

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.5
100	7.7	0.0	28.0





#17
Pyrene
Concen: 4.322 ng/ul
RT: 19.63 min Scan# 5304
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:202 Resp: 1646179

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	10.0	8.1	12.1

Instrument :
BNA_M
ClientSampleId :
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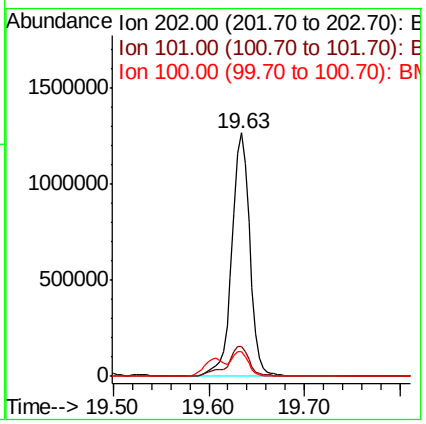
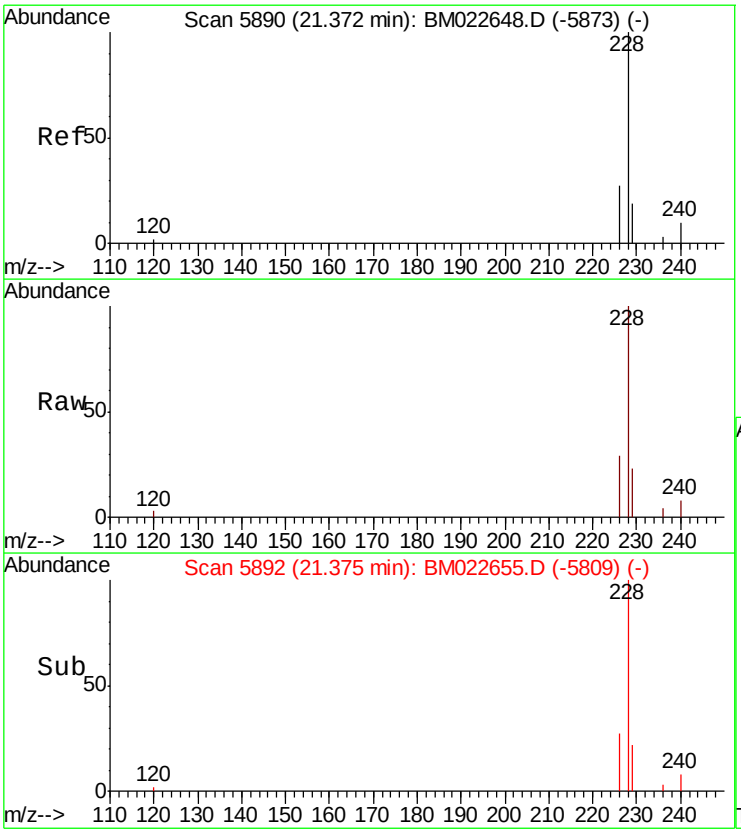
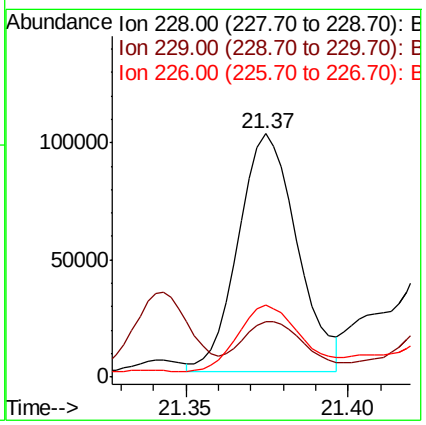


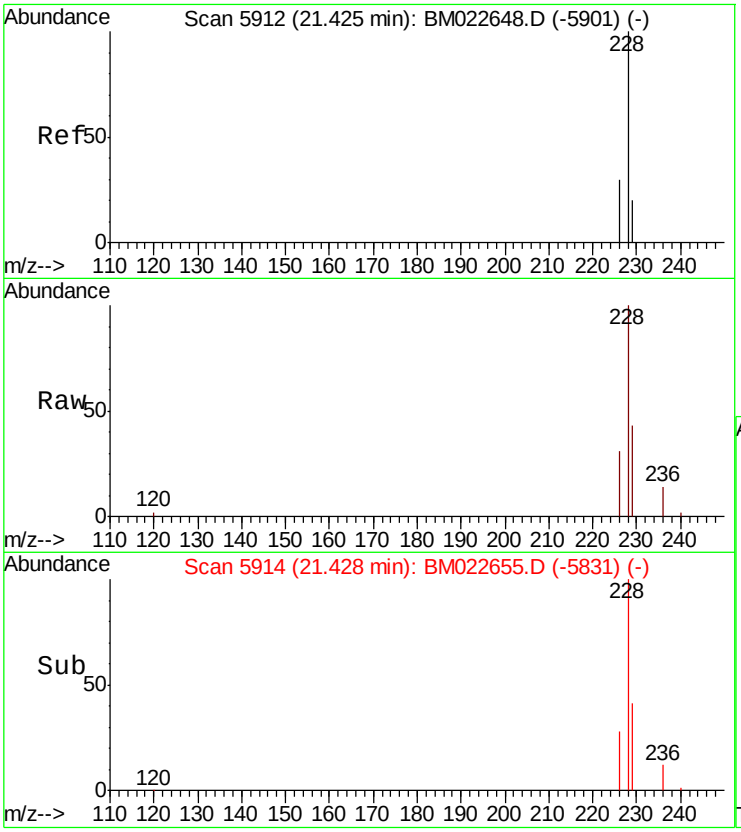


#18
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.37 min Scan# 5892
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:228 Resp: 128824

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.6	23.4
226	29.4	22.0	33.0





#19
Chrysene
Concen: 0.280 ng/ul m
RT: 21.43 min Scan# 5914
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:228 Resp: 94645

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.8
229	42.7	15.5	23.3#

Instrument :
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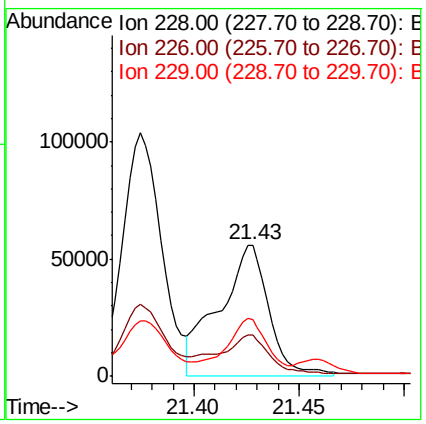
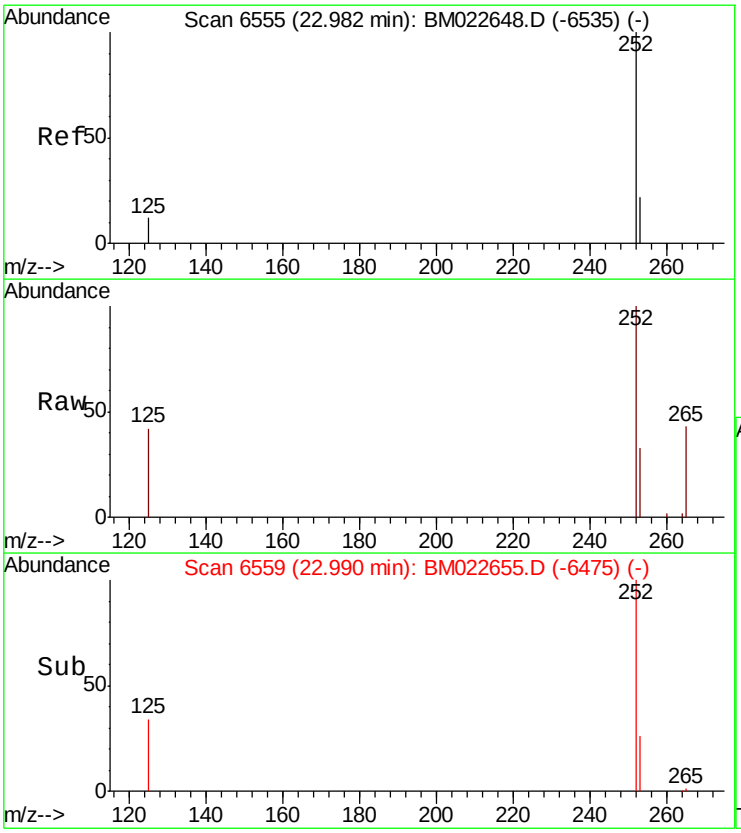
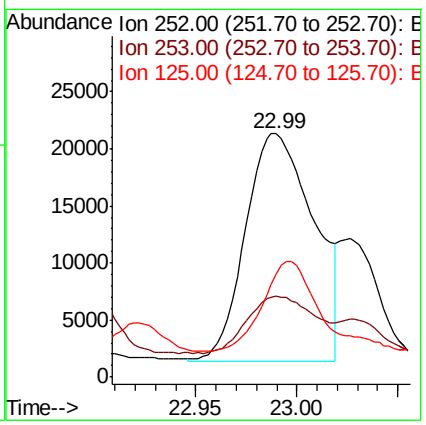


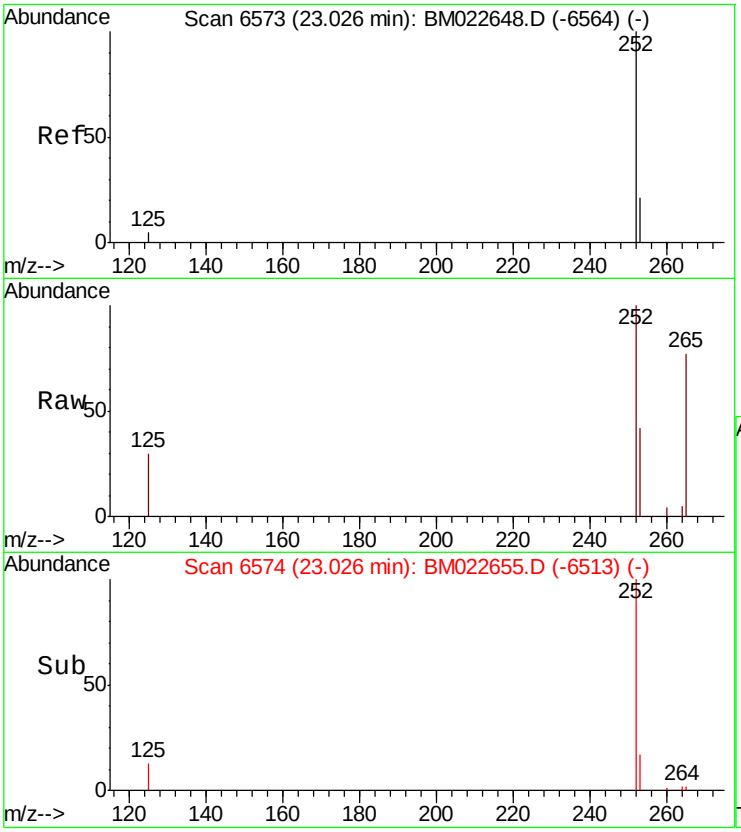


#21
Benzo(b)fluoranthene
Concen: 0.161 ng/ul m
RT: 22.99 min Scan# 6559
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:252 Resp: 46901

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	48.4
125	42.5	0.0	31.2#





#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.03 min Scan# 6574
Delta R.T. -0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:252 Resp: 15968

Ion	Ratio	Lower	Upper
252	100		
253	42.2	19.5	29.3#
125	29.7	11.2	16.8#

Instrument :
BNA_M
ClientSampleId :
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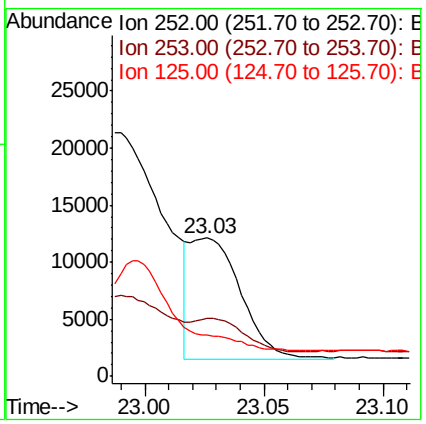
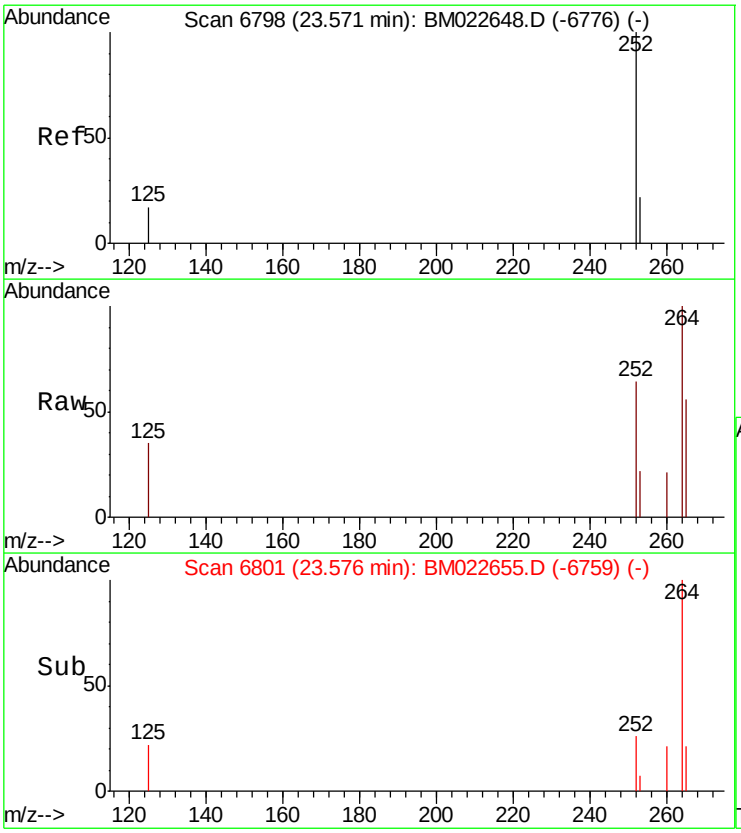
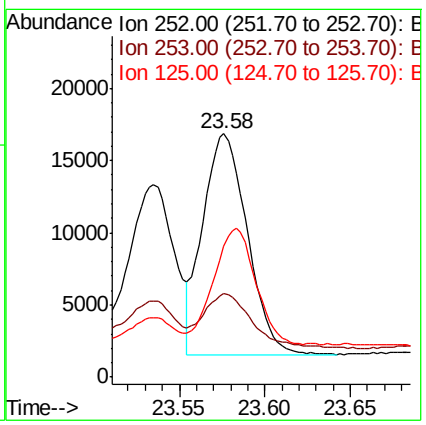


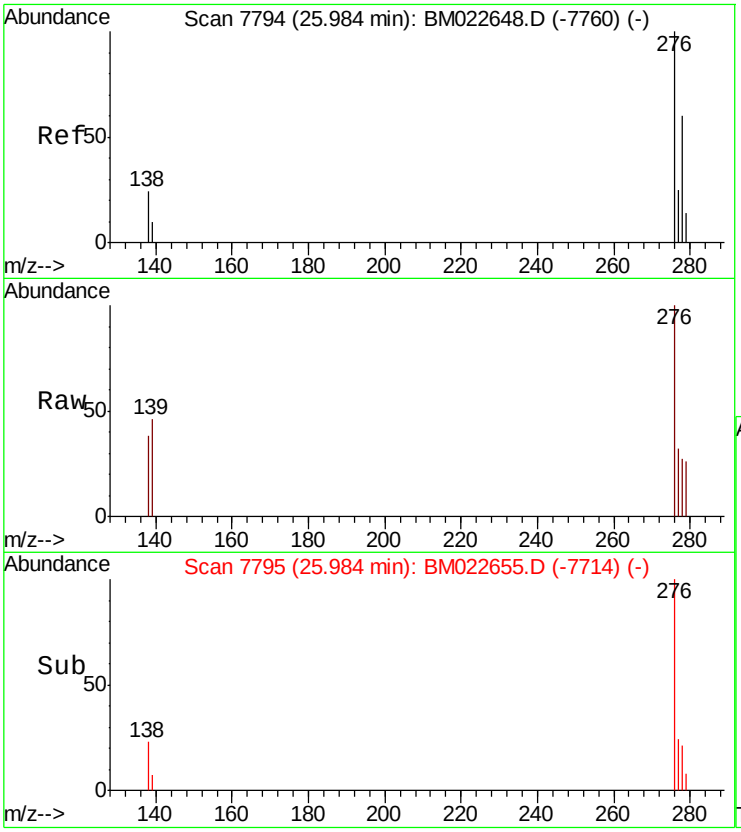


#23
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.58 min Scan# 6801
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:252 Resp: 27563

Ion	Ratio	Lower	Upper
252	100		
253	34.4	20.2	30.2#
125	53.9	15.7	23.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.98 min Scan# 7795
Delta R.T. -0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:276 Resp: 8653

Ion	Ratio	Lower	Upper
276	100		
138	19.4	21.1	31.7#
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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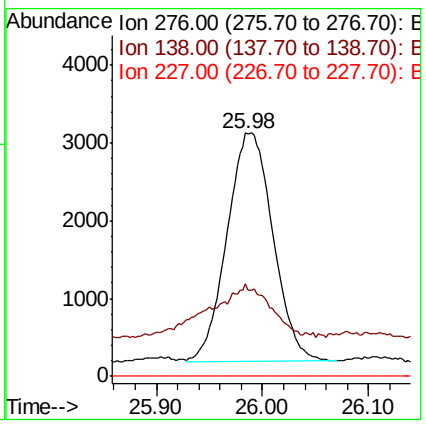

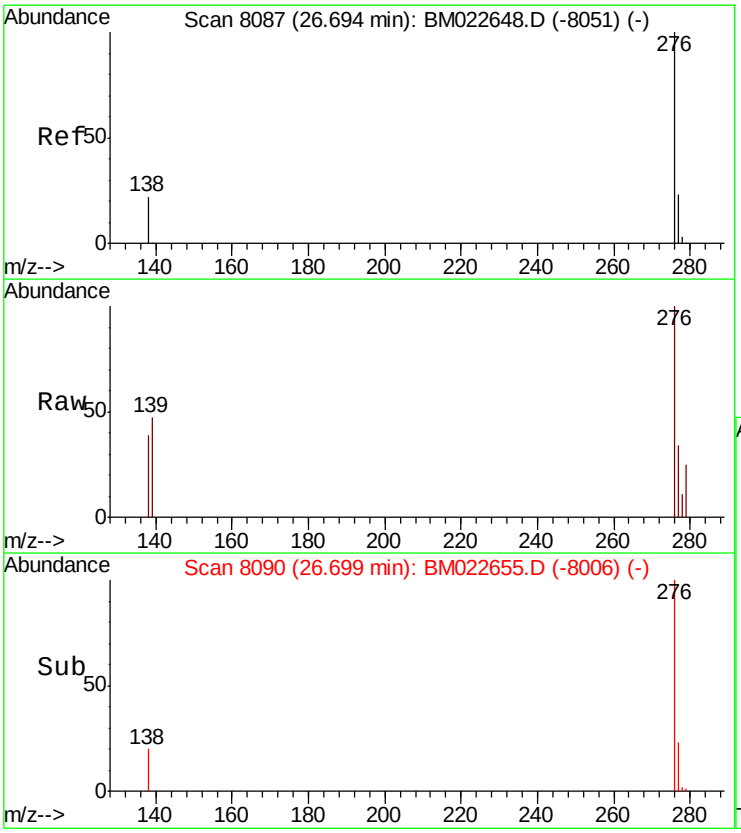

#26
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 26.70 min Scan# 8090
Delta R.T. 0.00 min
Lab File: BM022655.D
Acq: 11 Sep 2019 13:52

Tgt Ion:276 Resp: 6913

Ion	Ratio	Lower	Upper
276	100		
138	39.3	18.2	27.4#
277	34.3	19.2	28.8#