Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025559.D
Acq On : 14 Mar 2020 02:39
Operator : CG/JU
Sample : L1786-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:08:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 06:44:28 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AC8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14826	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9953	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	21196	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	14740	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	14329	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2551	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	6218	0.11	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	10220	0.233	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	4175	0.133	ng/ul	100
7) Acenaphthylene	14.00	152	13190	0.324	ng/ul#	86
8) Acenaphthene	14.35	153	10789	0.302	ng/ul	99
9) Fluorene	15.33	166	34490	0.794	ng/ul	100
12) Phenanthrene	17.07	178	384367	5.722	ng/ul	99
13) Anthracene	17.16	178	227669	3.895	ng/ul	99
15) Fluoranthene	19.08	202	808893	11.109	ng/ul	98
17) Pyrene	19.45	202	571686	8.641	ng/ul	98
18) Benzo(a)anthracene	21.20	228	290113	5.505	ng/ul	99
19) Chrysene	21.25	228	286795	4.846	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	274744m	4.842	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	102975m	1.732	ng/ul	
23) Benzo(a)pyrene	23.30	252	164822	3.498	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.56	276	99237	1.552	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	31765	0.591	ng/ul	96
26) Benzo(g,h,i)perylene	26.22	276	63136	1.139	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025559.D
Acq On : 14 Mar 2020 02:39
Operator : CG/JU
Sample : L1786-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 16 07:08:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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QLast Update : Mon Mar 16 06:44:28 2020
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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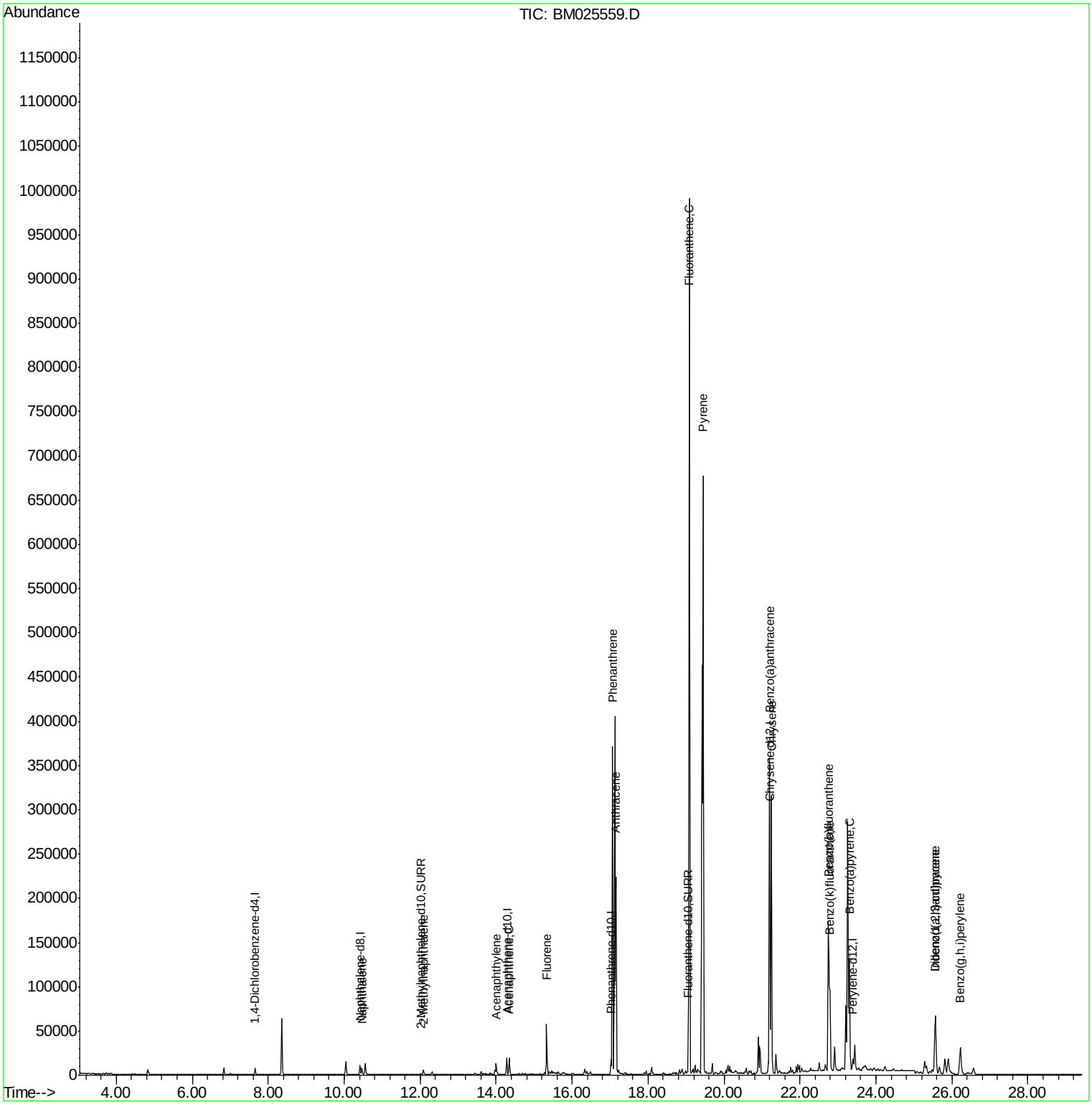
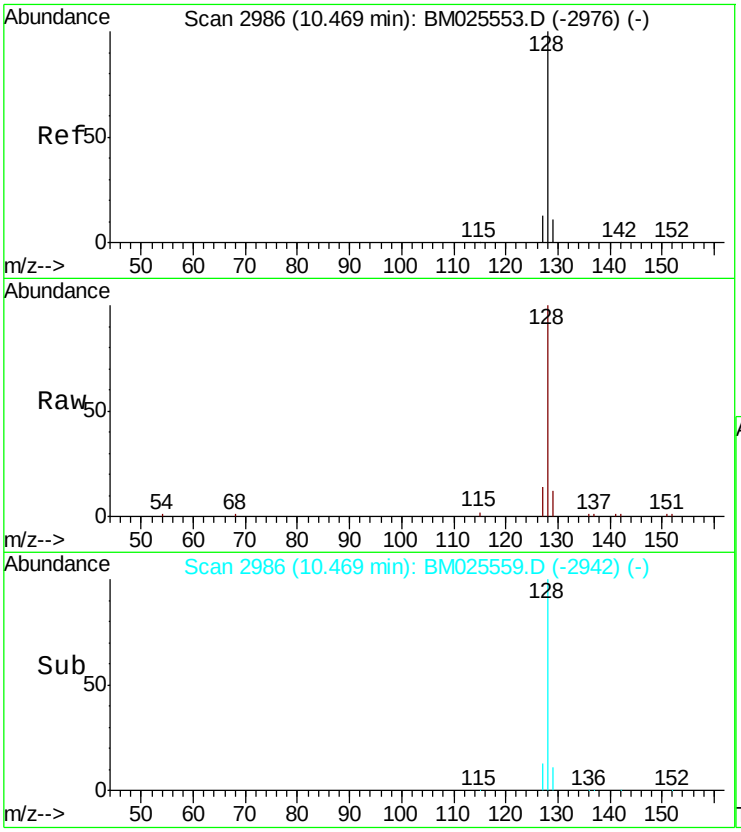
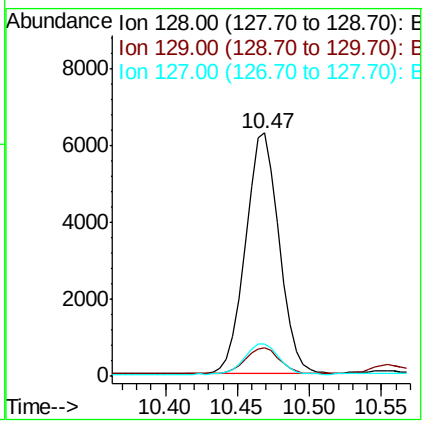




#3
Naphthalene
Concen: 0.233 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. 0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:128 Resp: 10220

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.6	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
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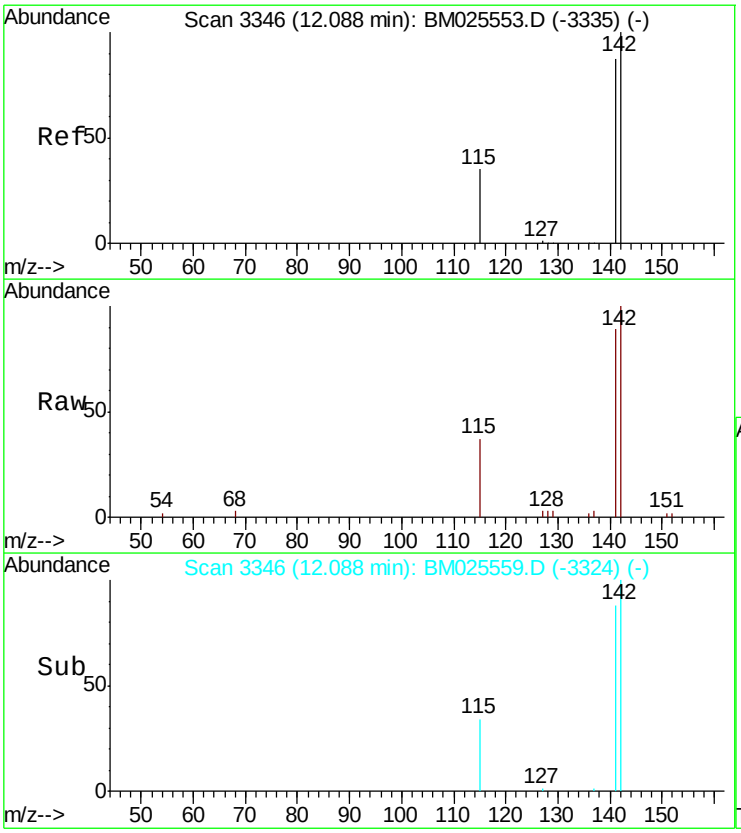
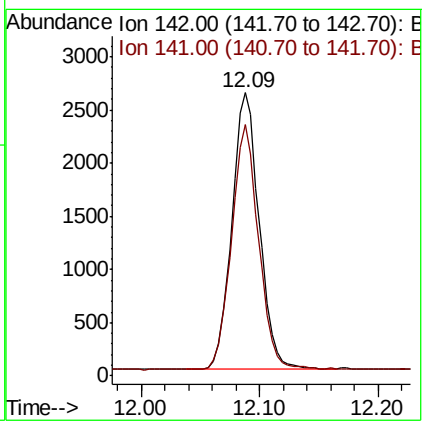
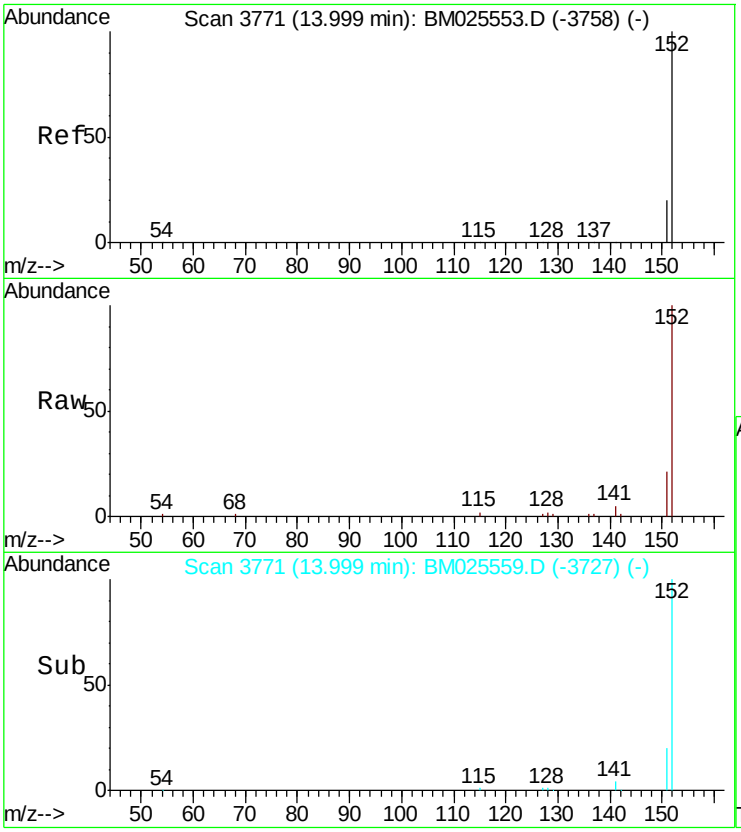


#5
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:142 Resp: 4175

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6

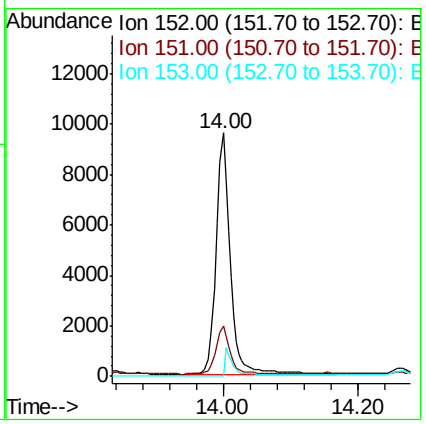




#7
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:152 Resp: 13190

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	0.0	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
C0AC8

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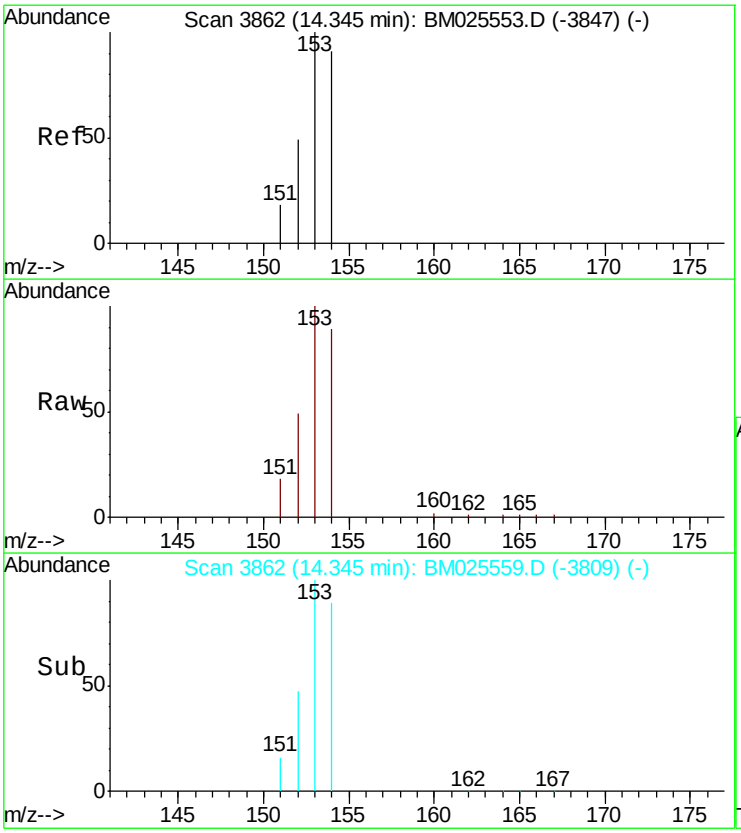
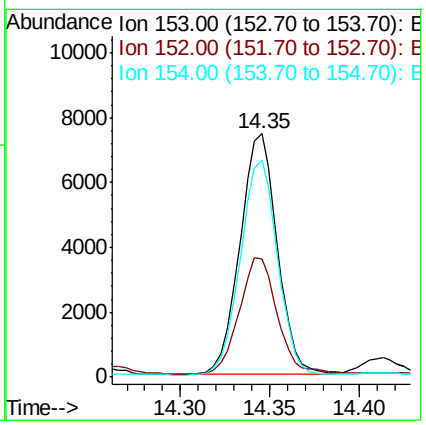
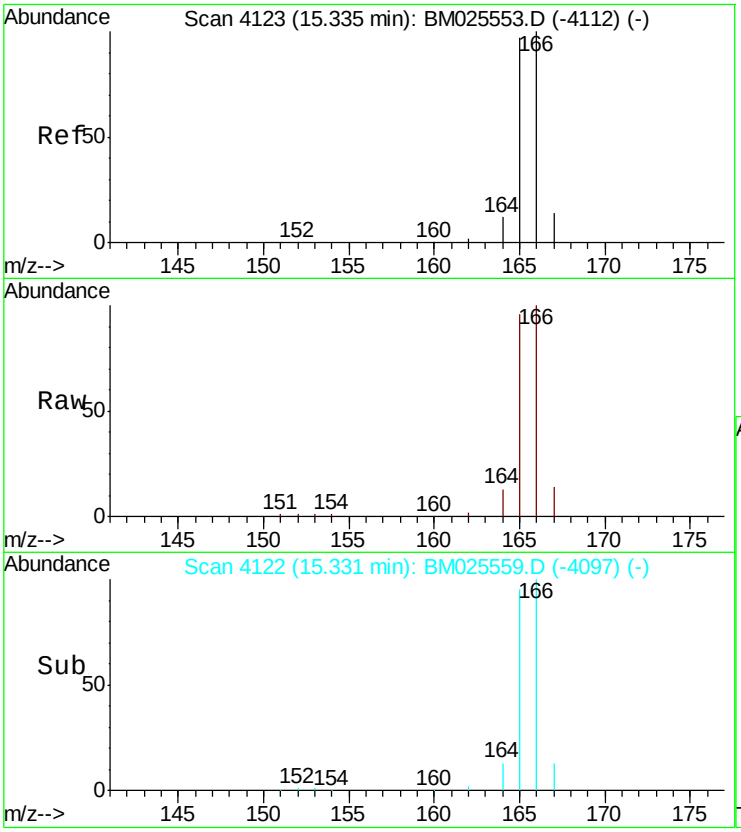


#8
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.35 min Scan# 3862
Delta R.T. 0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:153 Resp: 10789

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.5	59.3
154	89.1	71.7	107.5

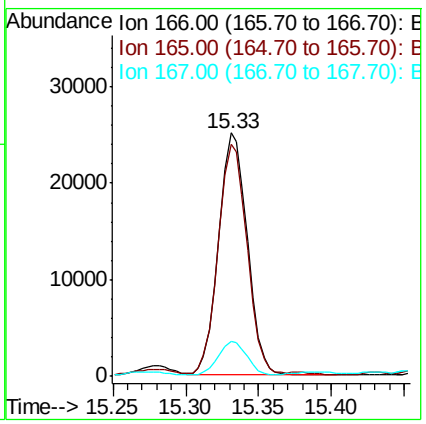




#9
Fluorene
Concen: 0.794 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:166 Resp: 34490

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.8	115.2
167	14.2	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
C0AC8

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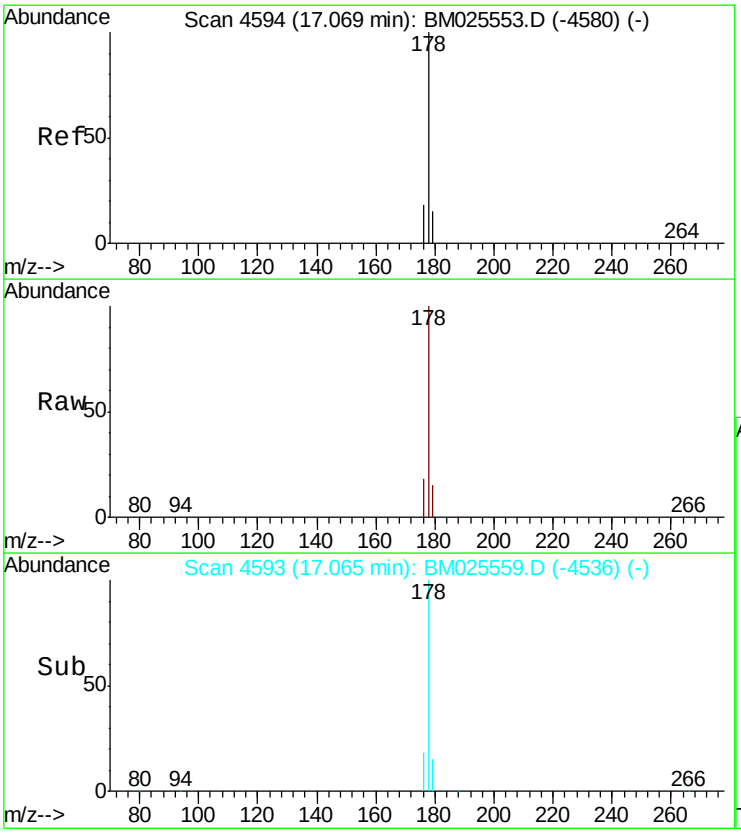
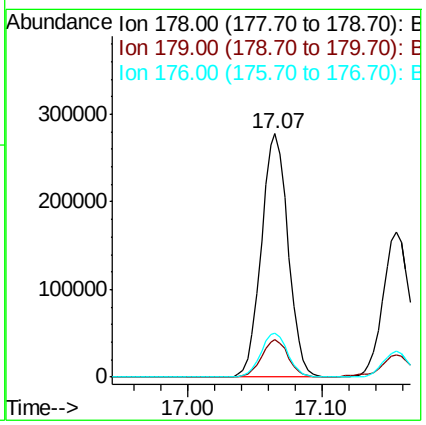
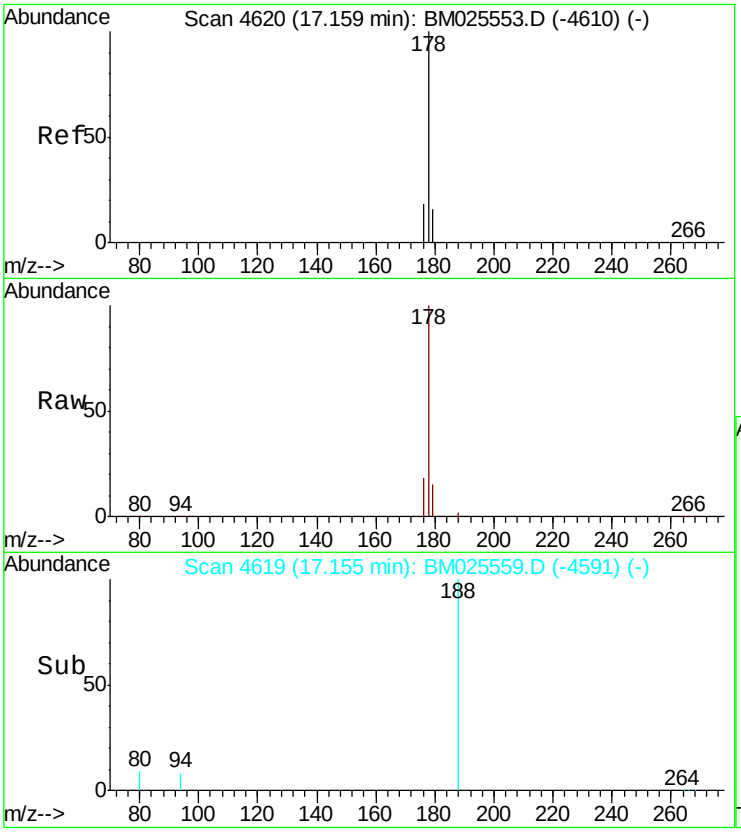


#12
Phenanthrene
Concen: 5.722 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:178 Resp: 384367

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.1	14.8	22.2

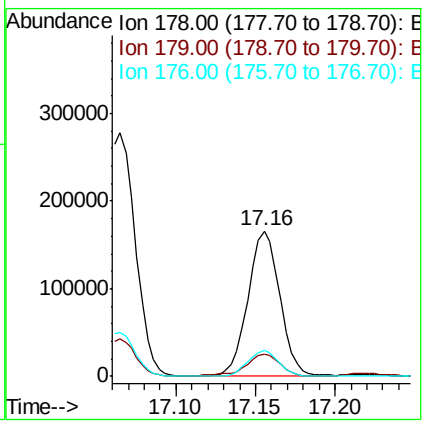




#13
Anthracene
Concen: 3.895 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:178 Resp: 227669

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	17.6	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
C0AC8

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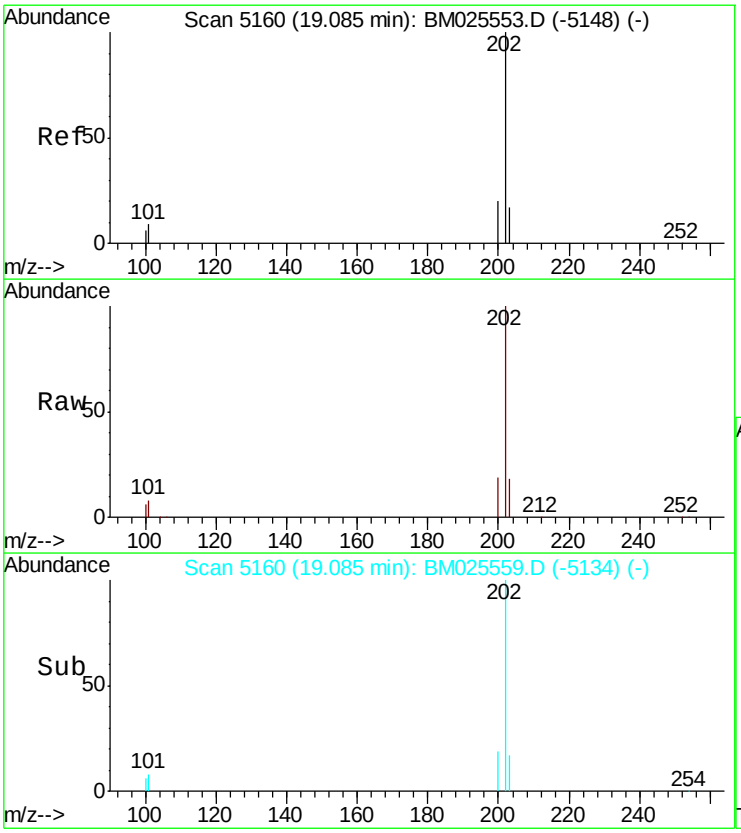
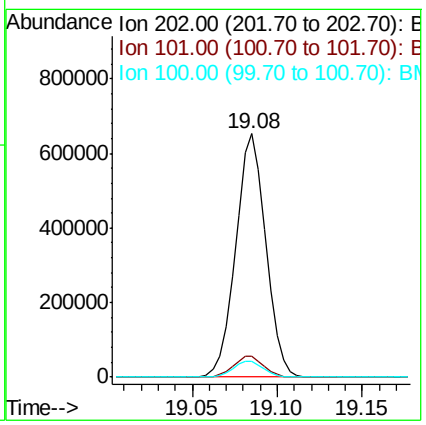
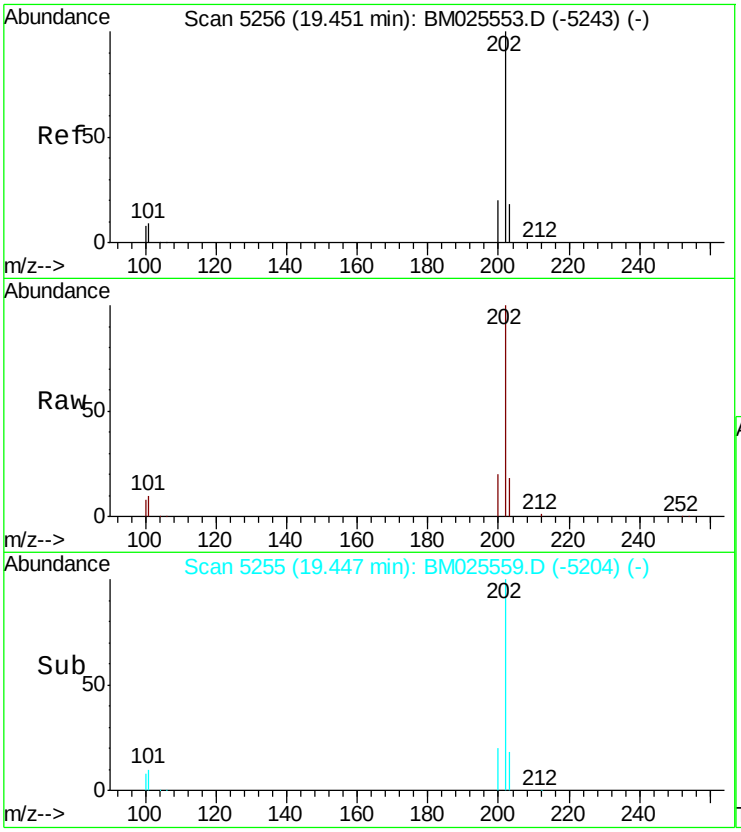


#15
Fluoranthene
Concen: 11.109 ng/ul
RT: 19.08 min Scan# 5160
Delta R.T. 0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:202 Resp: 808893

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.3	0.0	26.0

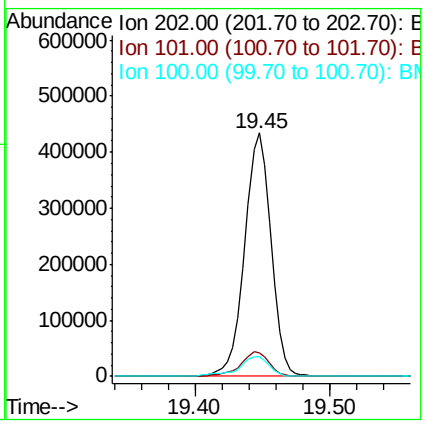




#17
Pyrene
Concen: 8.641 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:202 Resp: 571686

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.1	10.7
100	7.9	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
C0AC8

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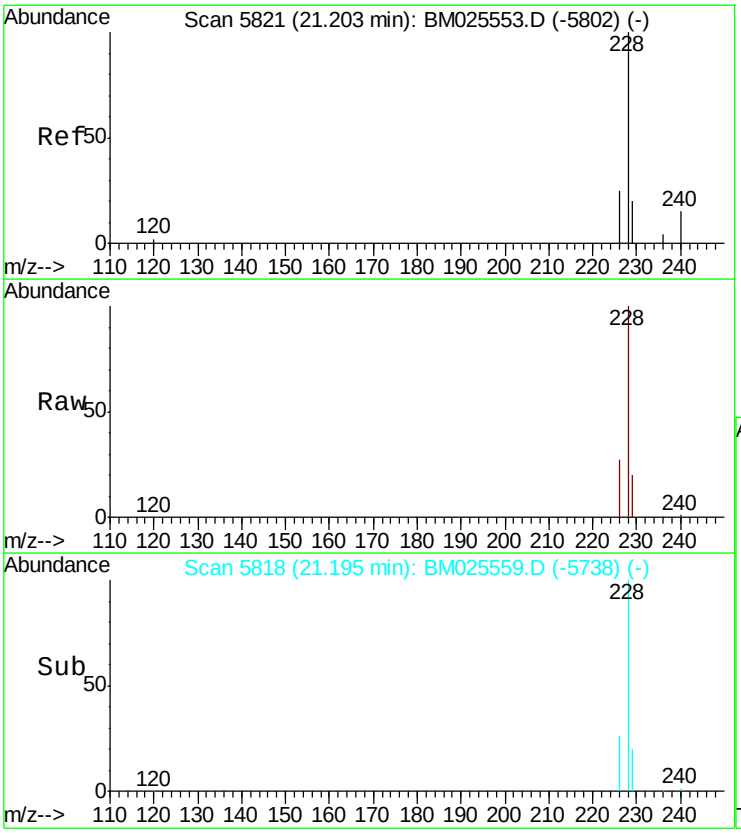
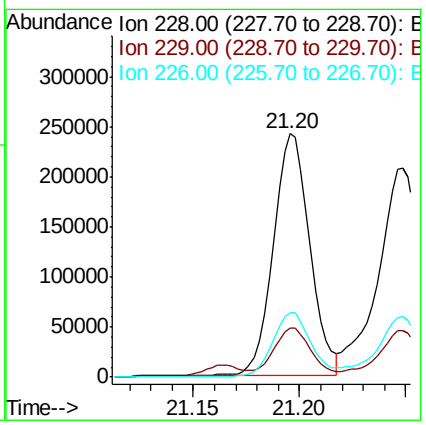
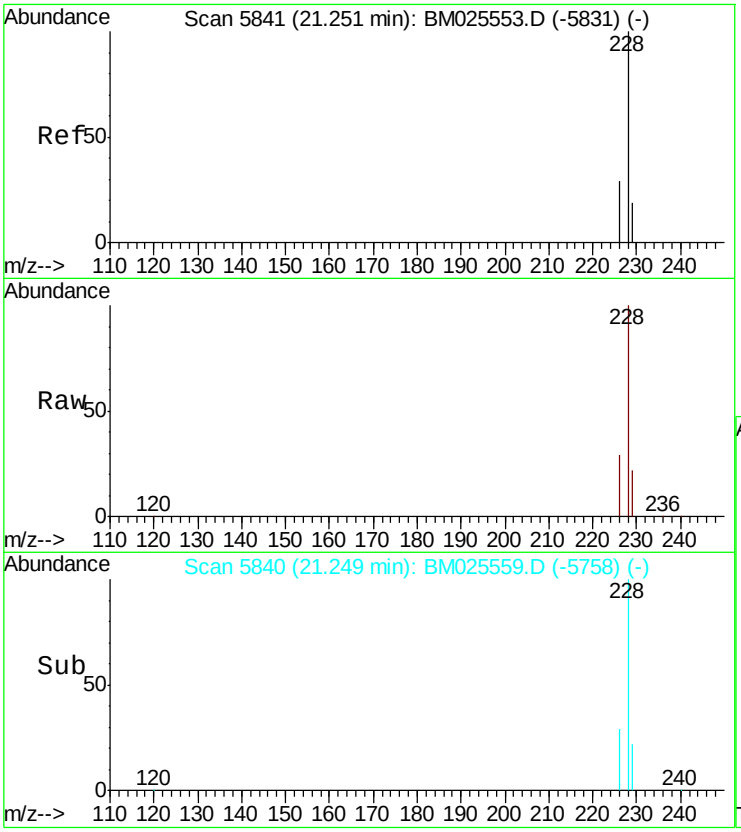


#18
Benzo(a)anthracene
Concen: 5.505 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.01 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:228 Resp: 290113

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.6	21.1	31.7

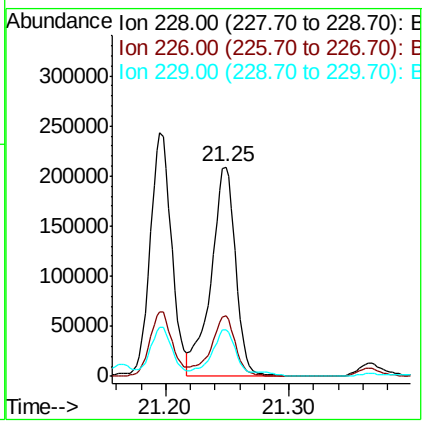




#19
Chrysene
Concen: 4.846 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:228 Resp: 286795

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.6	35.4
229	22.1	16.3	24.5



Instrument :
BNA_M
ClientSampleId :
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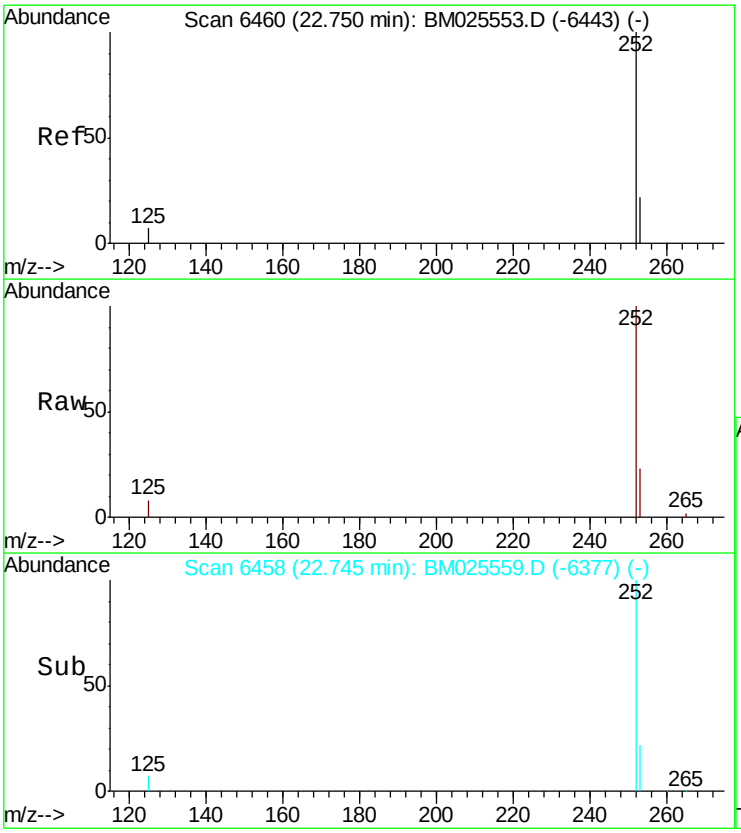
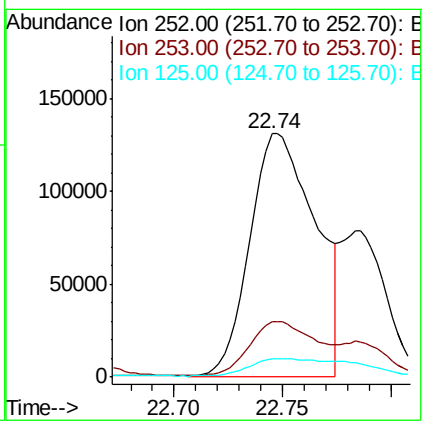
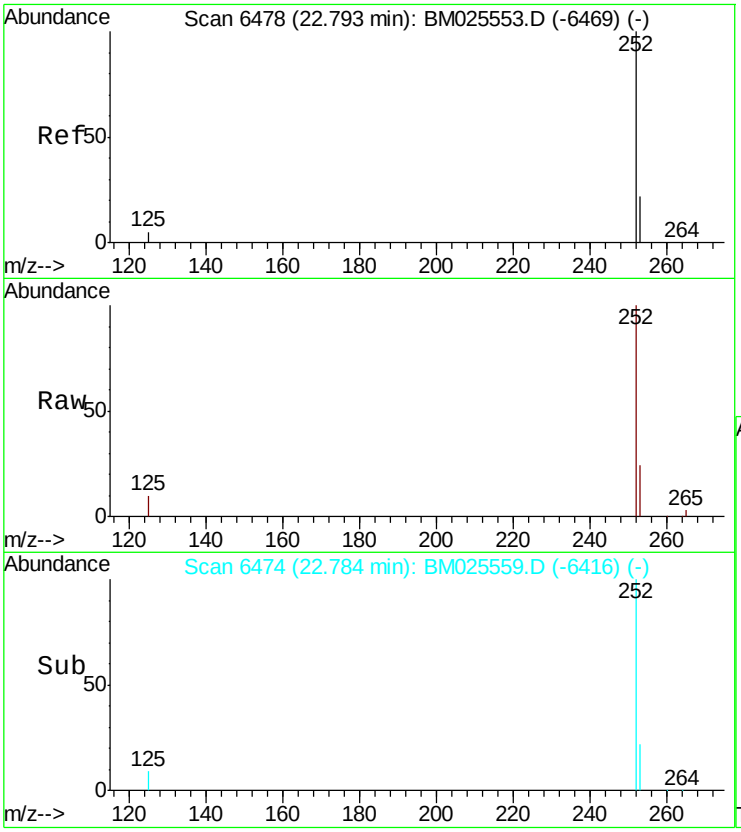


#21
Benzo(b)fluoranthene
Concen: 4.842 ng/ul m
RT: 22.74 min Scan# 6458
Delta R.T. -0.00 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:252 Resp: 274744

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	50.2
125	7.6	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 1.732 ng/ul m
RT: 22.78 min Scan# 6474
Delta R.T. -0.01 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:252 Resp: 102975

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.8	29.8
125	9.6	7.1	10.7

Instrument :
BNA_M
ClientSampleId :
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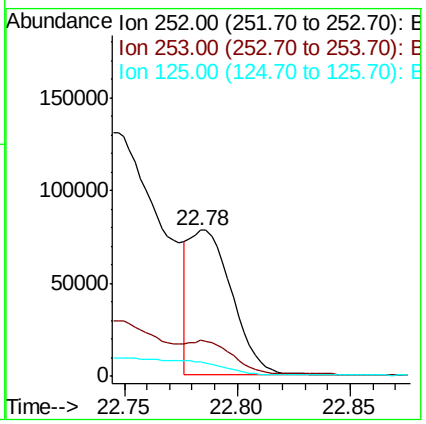
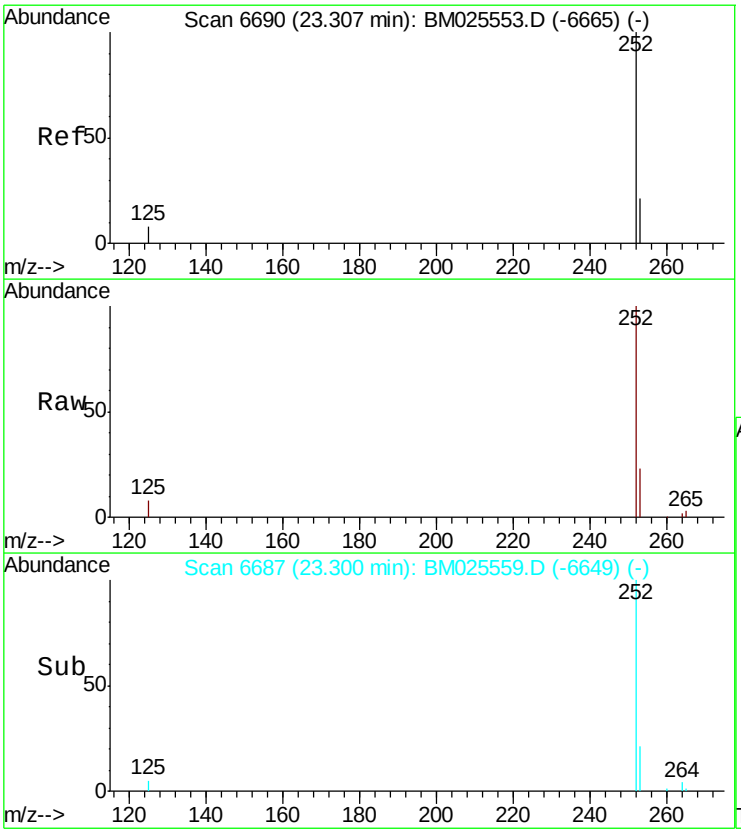
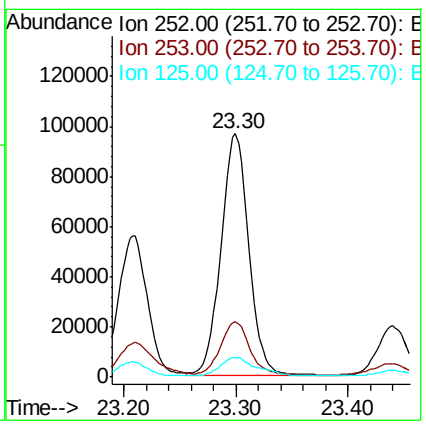


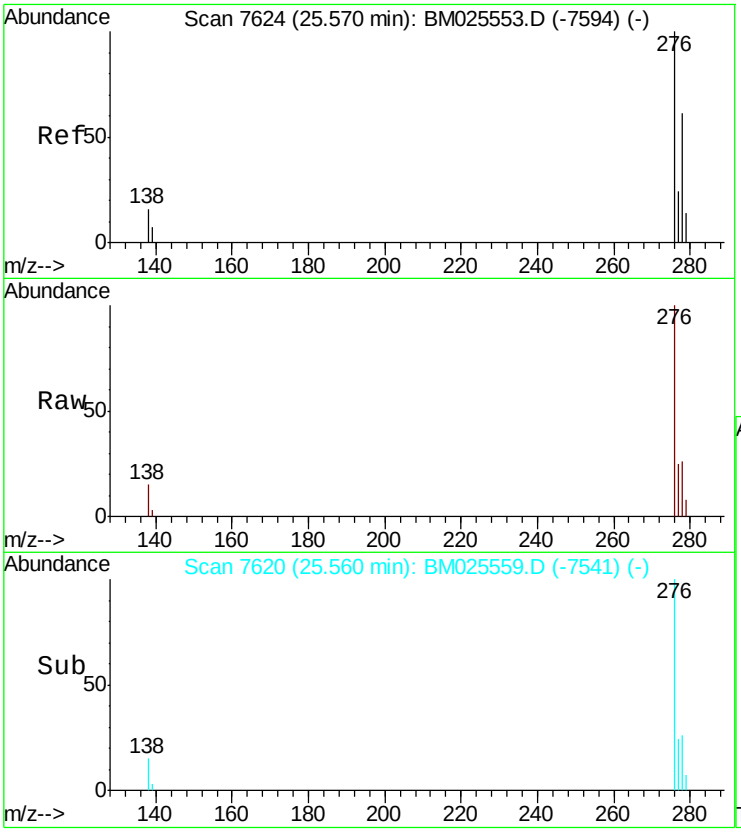


#23
Benzo(a)pyrene
Concen: 3.498 ng/ul
RT: 23.30 min Scan# 6687
Delta R.T. -0.01 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:252 Resp: 164822

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.3	31.9
125	8.3	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.552 ng/ul
RT: 25.56 min Scan# 7620
Delta R.T. -0.01 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:276 Resp: 99237

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual Integrations APPROVED
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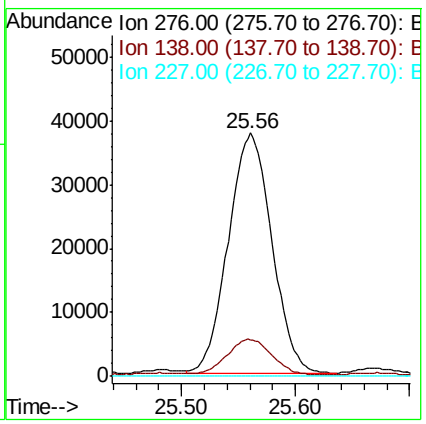
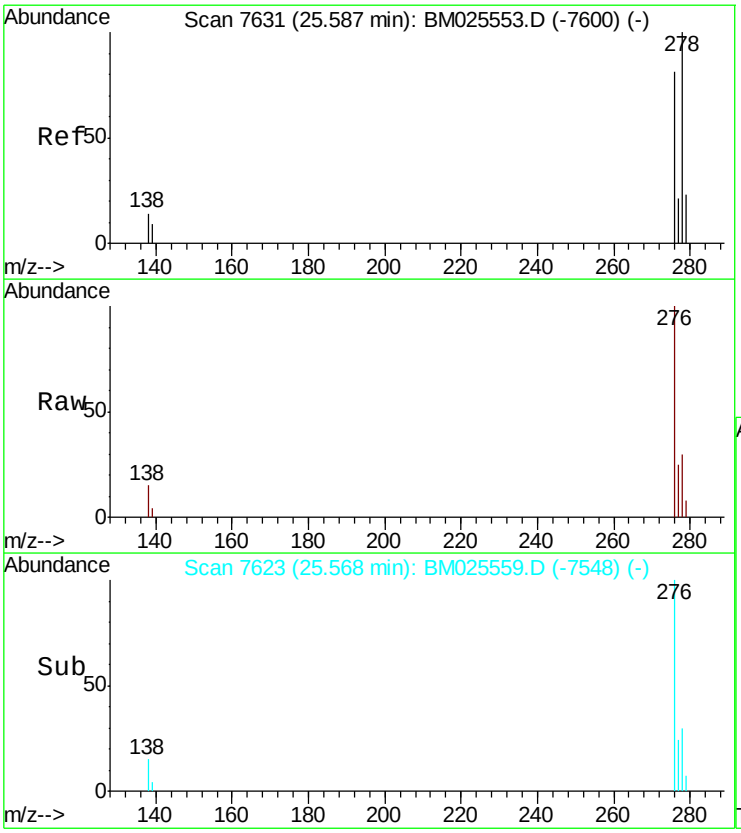
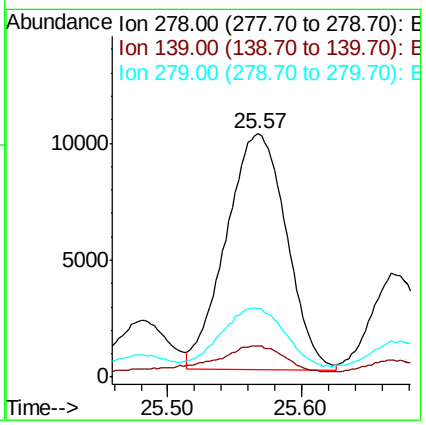


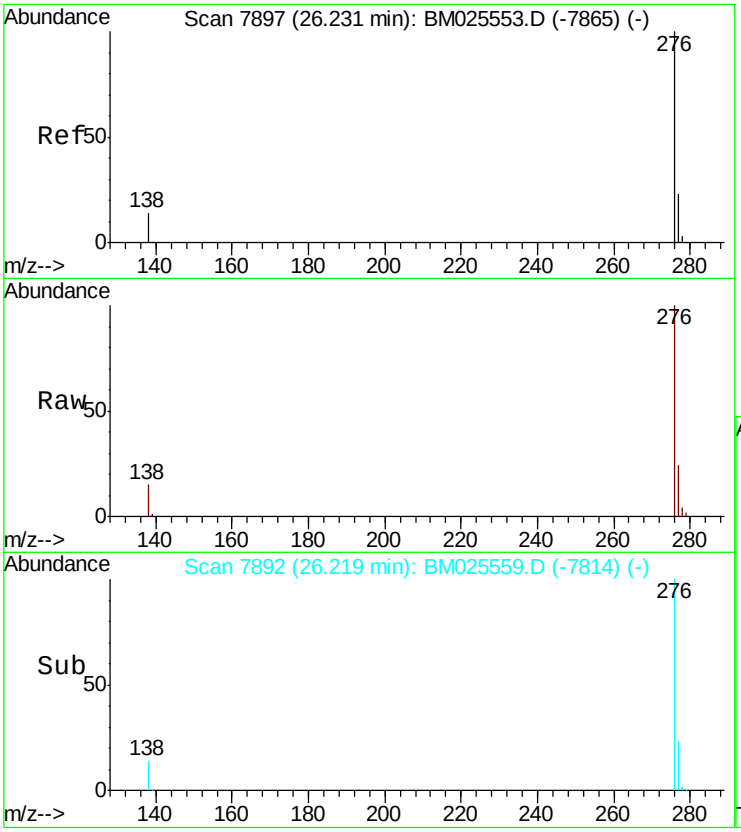


#25
Dibenzo(a,h)anthracene
Concen: 0.591 ng/ul
RT: 25.57 min Scan# 7623
Delta R.T. -0.02 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:278 Resp: 31765

Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.0	13.6
279	28.2	21.1	31.7

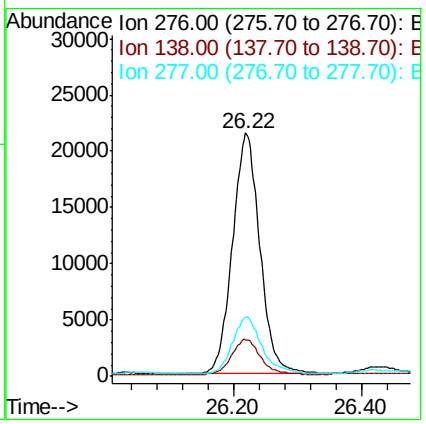




#26
Benzo(g,h,i)perylene
Concen: 1.139 ng/ul
RT: 26.22 min Scan# 7892
Delta R.T. -0.01 min
Lab File: BM025559.D
Acq: 14 Mar 2020 02:39

Tgt Ion:276 Resp: 63136

Ion	Ratio	Lower	Upper
276	100		
138	15.0	11.0	16.4
277	24.2	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:47 PM