Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025563.D
Acq On : 14 Mar 2020 05:02
Operator : CG/JU
Sample : L1786-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 16 07:28:03 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 : C0AC1

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	3866	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17308	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	12263	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	24903m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17141	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	17904	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8453	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	17142	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	8652	0.169	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	1540	0.042	ng/ul	99
7) Acenaphthylene	14.00	152	1598	0.032	ng/ul#	82
8) Acenaphthene	14.34	153	8717	0.198	ng/ul	100
9) Fluorene	15.33	166	8804	0.164	ng/ul	99
12) Phenanthrene	17.07	178	18948	0.240	ng/ul	99
13) Anthracene	17.16	178	5766	0.084	ng/ul	96
15) Fluoranthene	19.08	202	24995	0.292	ng/ul	97
17) Pyrene	19.45	202	19599m	0.255	ng/ul	
18) Benzo(a)anthracene	21.20	228	9979	0.163	ng/ul	94
19) Chrysene	21.25	228	9085	0.132	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	11696m	0.165	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	5153m	0.069	ng/ul	
23) Benzo(a)pyrene	23.30	252	8245	0.140	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.56	276	5226	0.065	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.57	278	1620	0.024	ng/ul#	46
26) Benzo(g,h,i)perylene	26.22	276	4578	0.066	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025563.D
Acq On : 14 Mar 2020 05:02
Operator : CG/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
C0AC1

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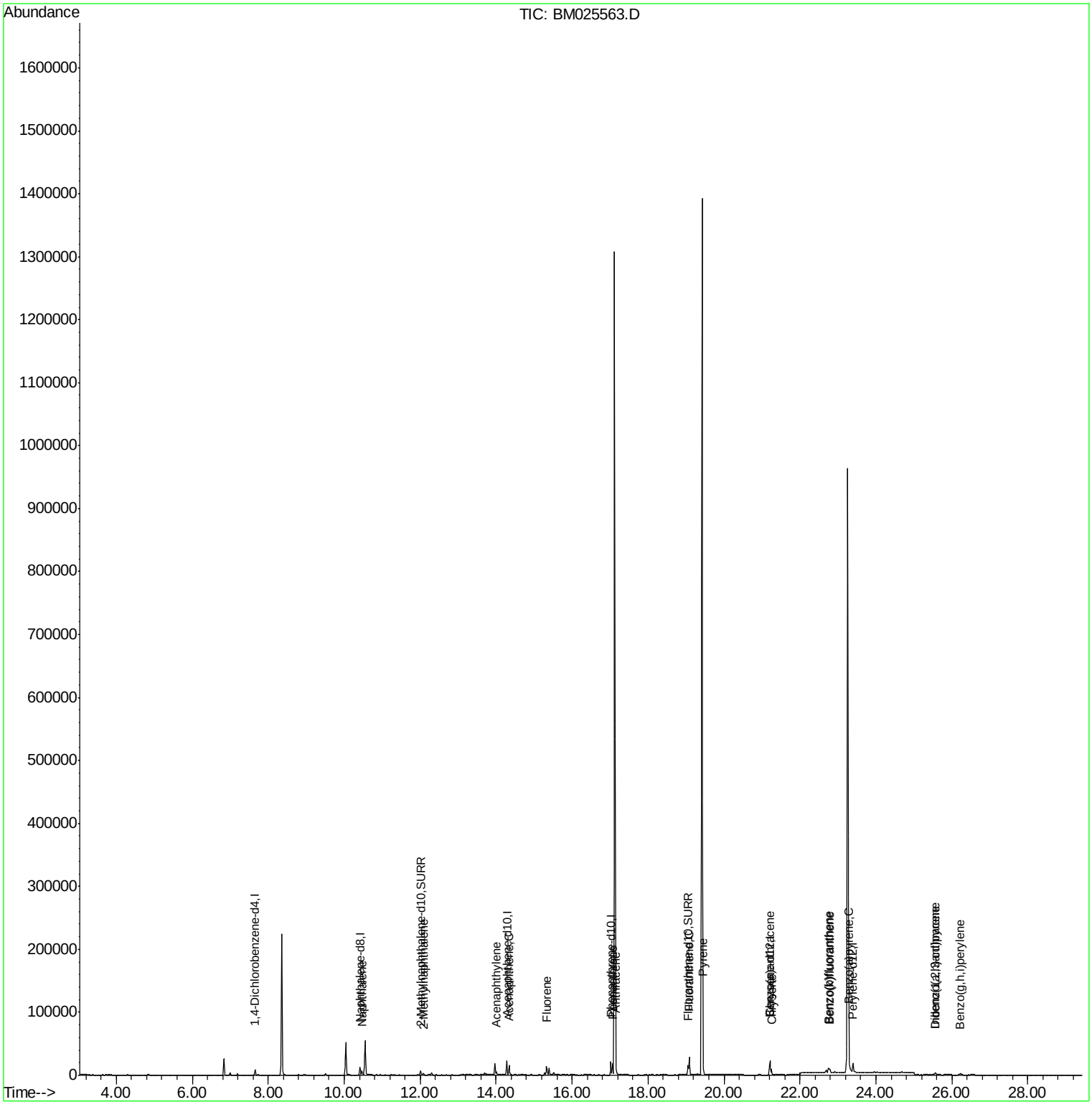
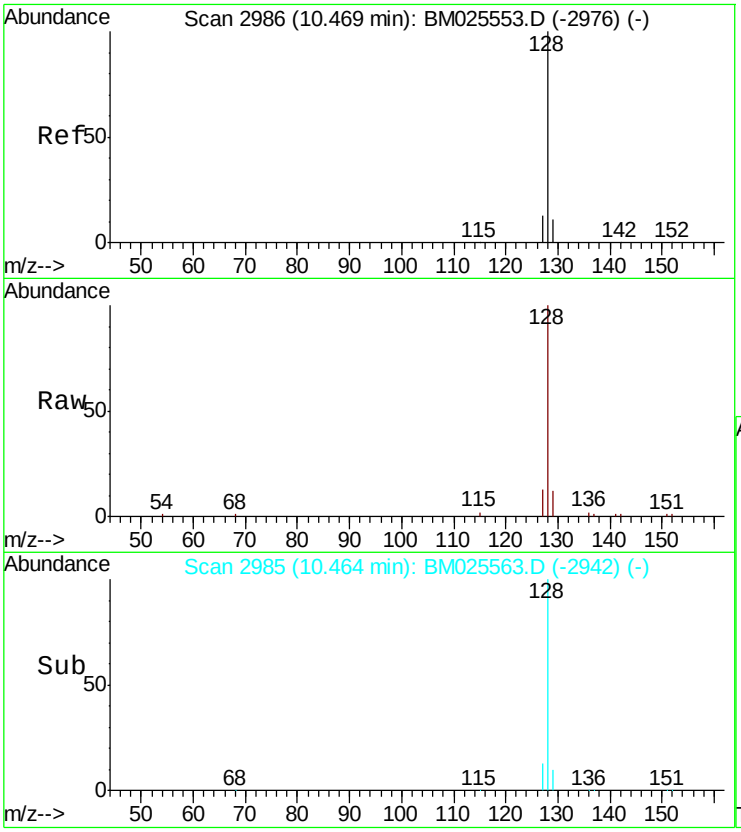
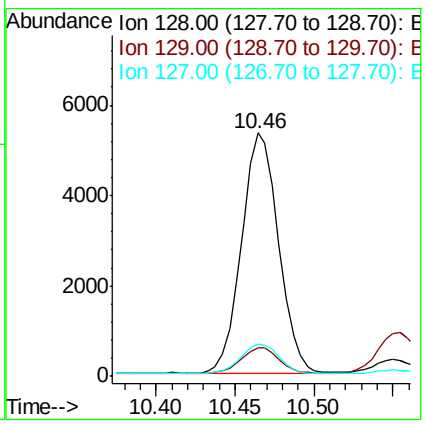




#3
Naphthalene
Concen: 0.169 ng/ul
RT: 10.46 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:128 Resp: 8652

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.5	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
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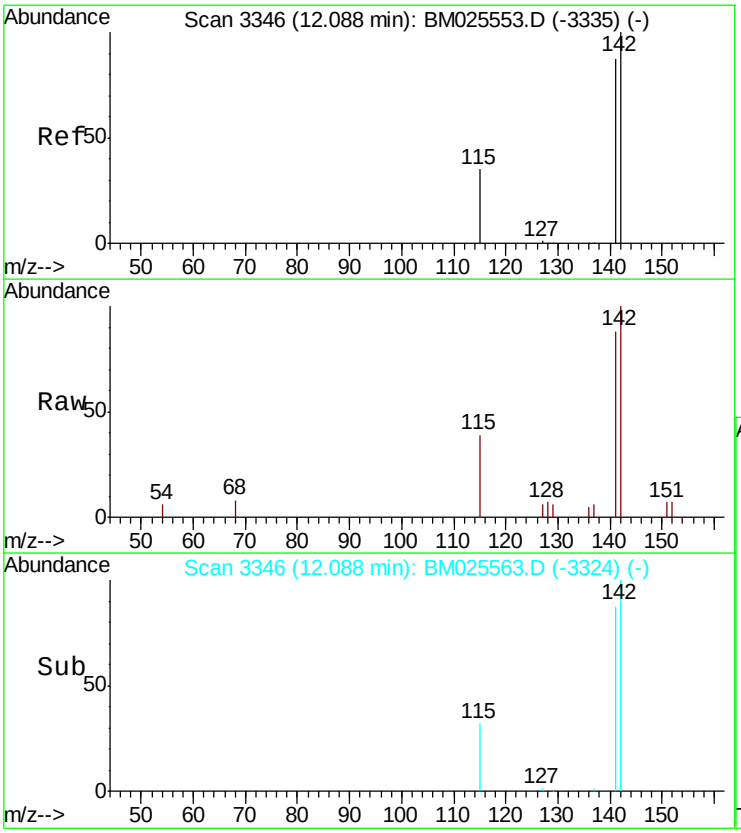
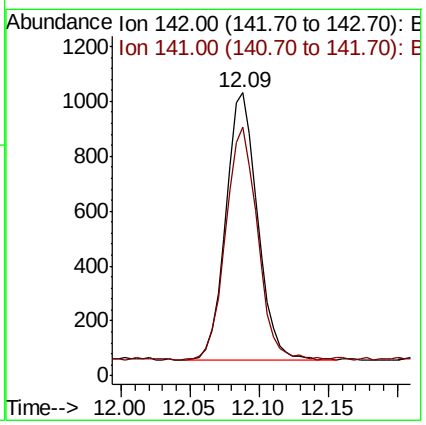
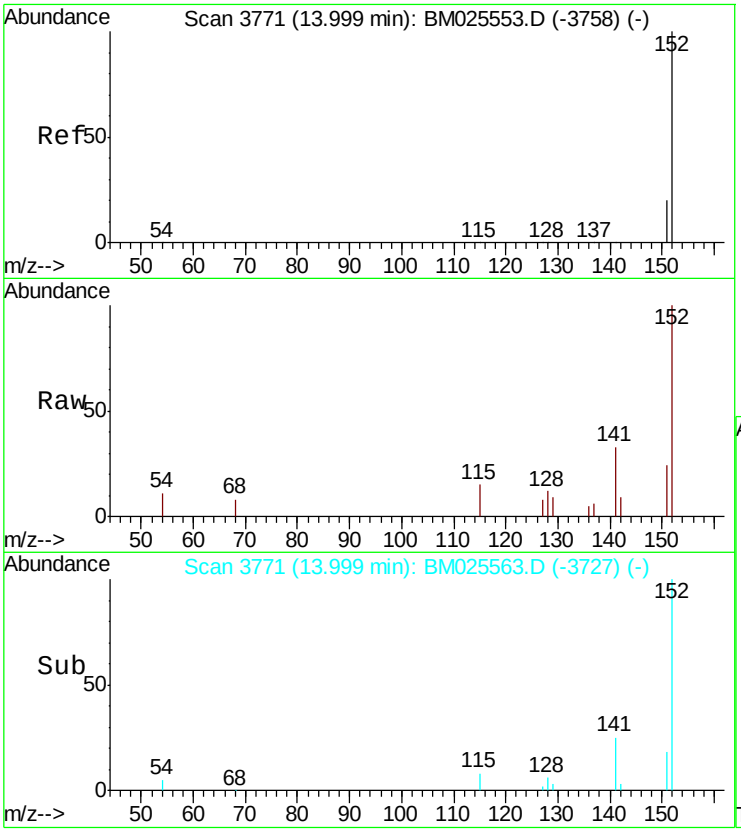


#5
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:142 Resp: 1540

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.6

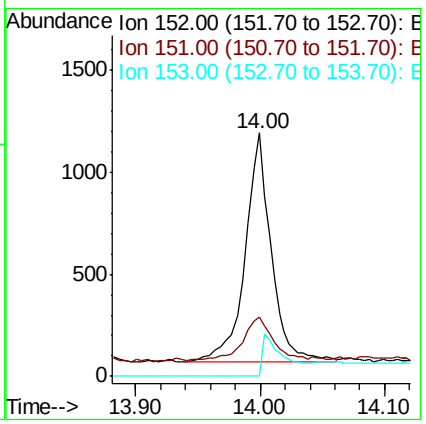




#7
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:152 Resp: 1598

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.2	24.2
153	0.0	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
C0AC1

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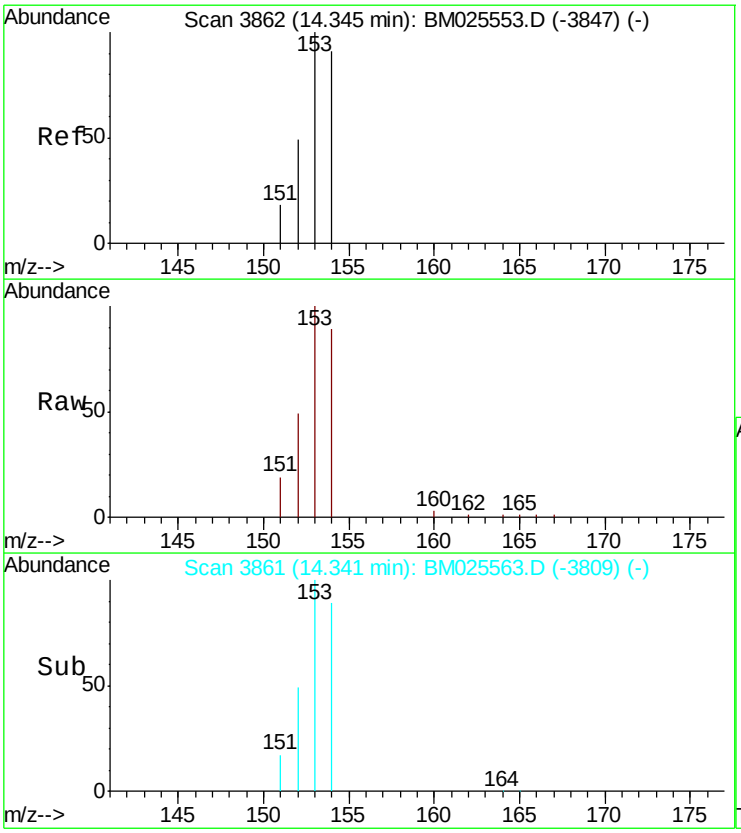
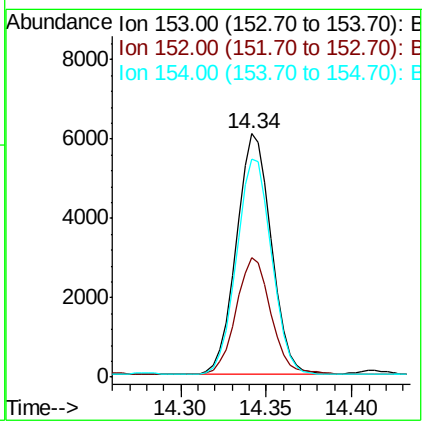
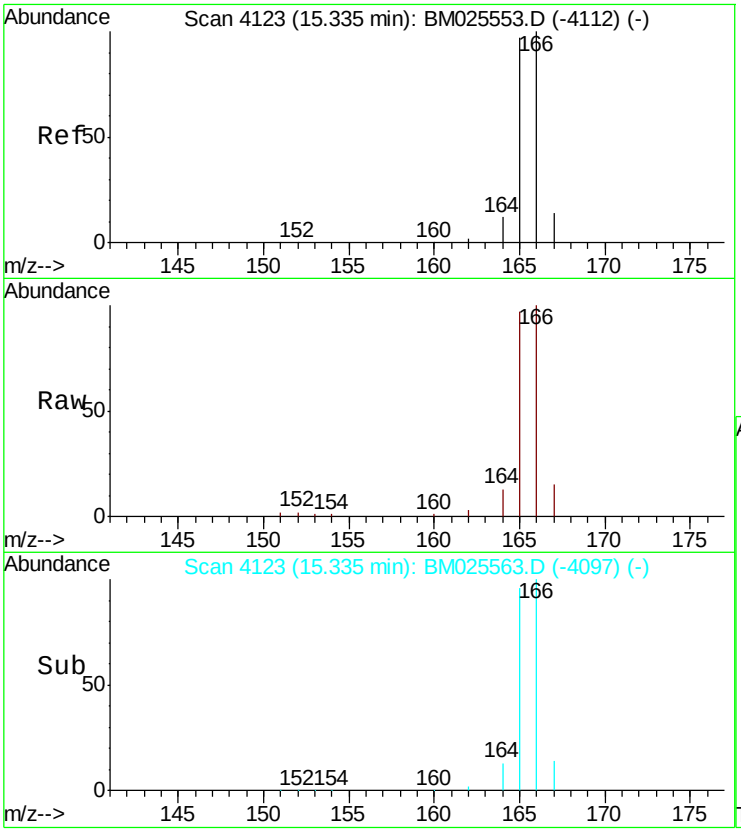


#8
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:153 Resp: 8717

Ion	Ratio	Lower	Upper
153	100		
152	49.2	39.5	59.3
154	89.4	71.7	107.5

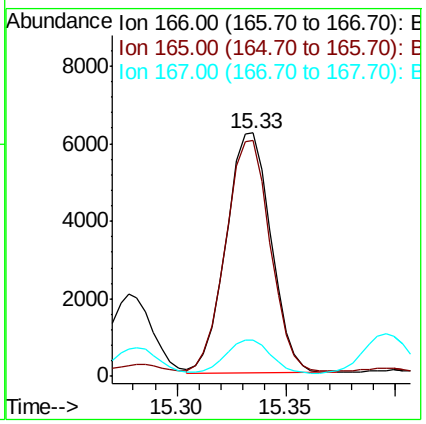




#9
Fluorene
Concen: 0.164 ng/ul
RT: 15.33 min Scan# 4123
Delta R.T. 0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:166 Resp: 8804

Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.8	115.2
167	15.0	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
C0AC1

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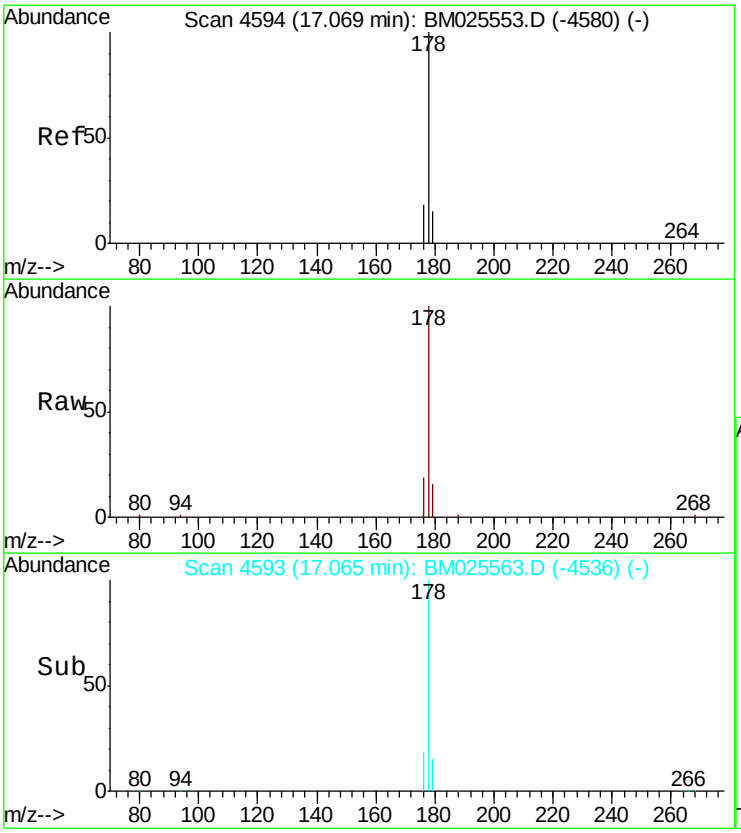
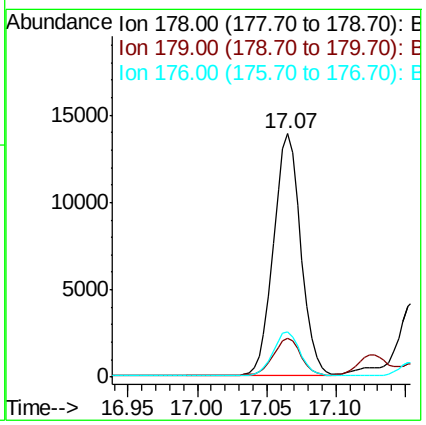
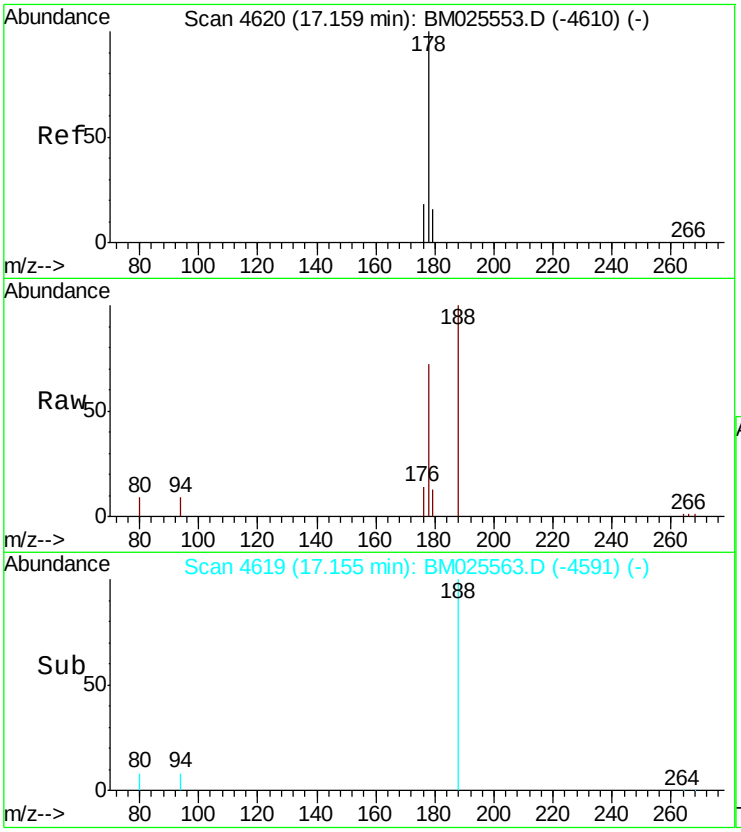


#12
Phenanthrene
Concen: 0.240 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:178 Resp: 18948

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.7	14.8	22.2





#13
Anthracene
Concen: 0.084 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:178 Resp: 5766

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.6	18.8
176	19.0	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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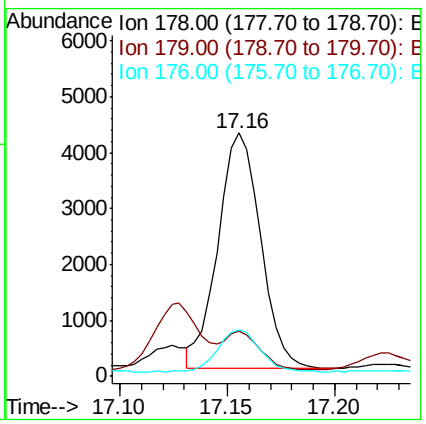
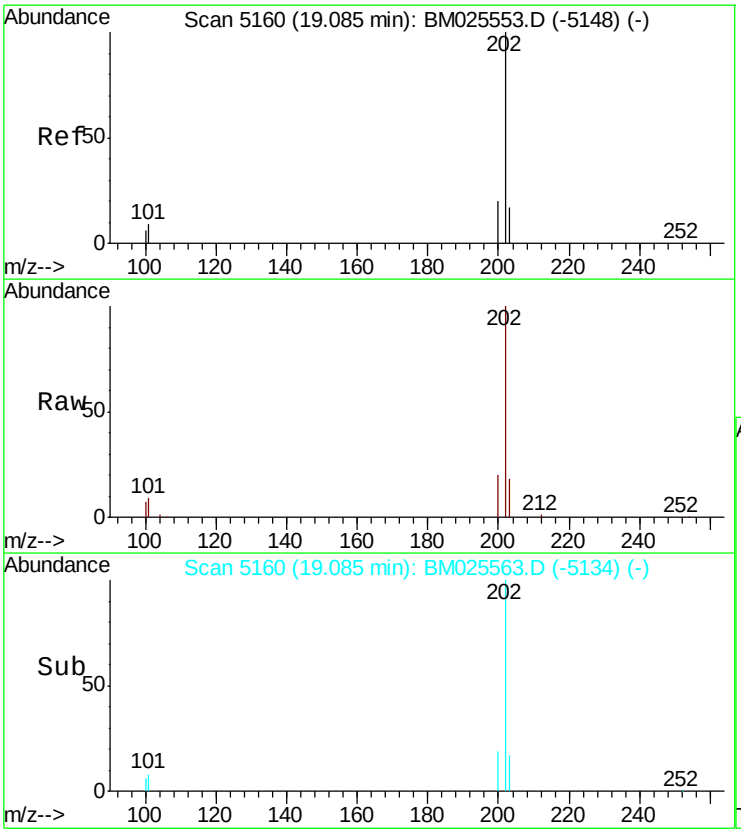
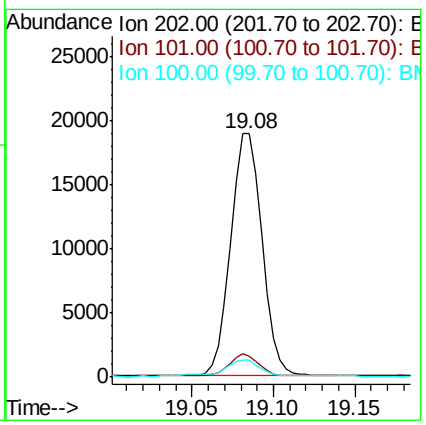


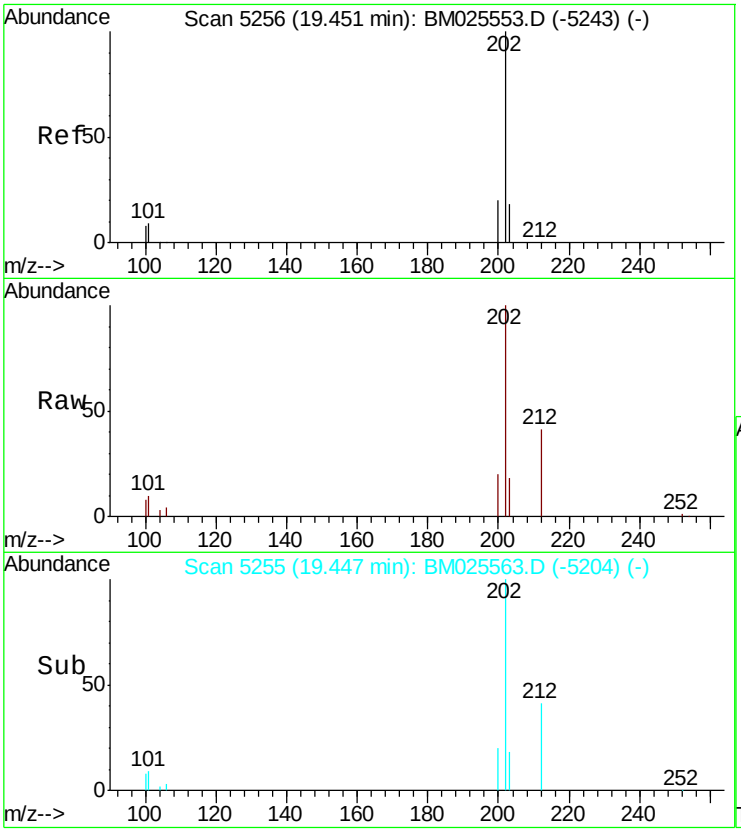


#15
Fluoranthene
Concen: 0.292 ng/ul
RT: 19.08 min Scan# 5160
Delta R.T. 0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:202 Resp: 24995

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.8	0.0	26.0

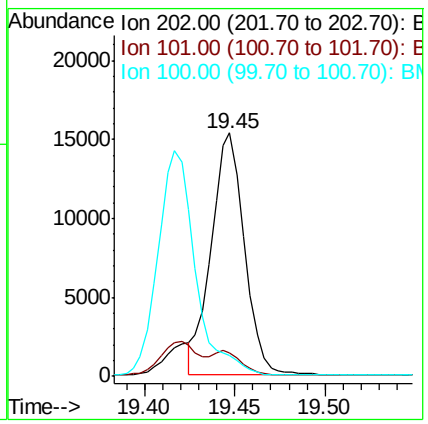




#17
Pyrene
Concen: 0.255 ng/ul m
RT: 19.45 min Scan# 5255
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:202 Resp: 19599

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.1	10.7
100	8.5	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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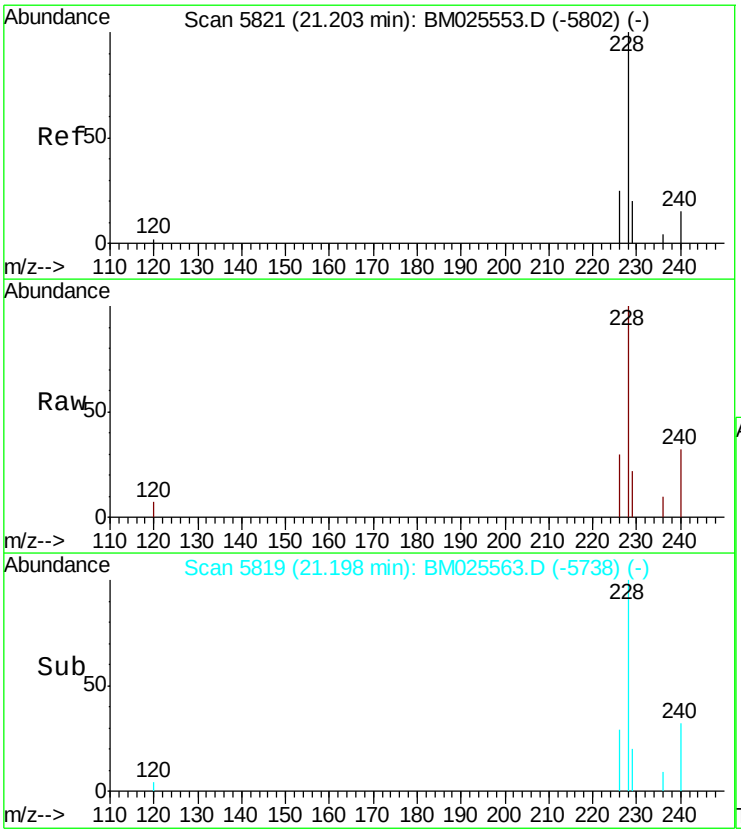
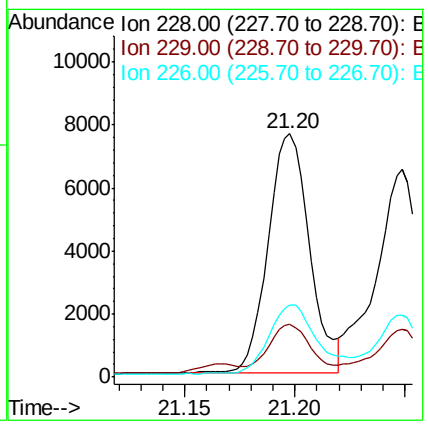
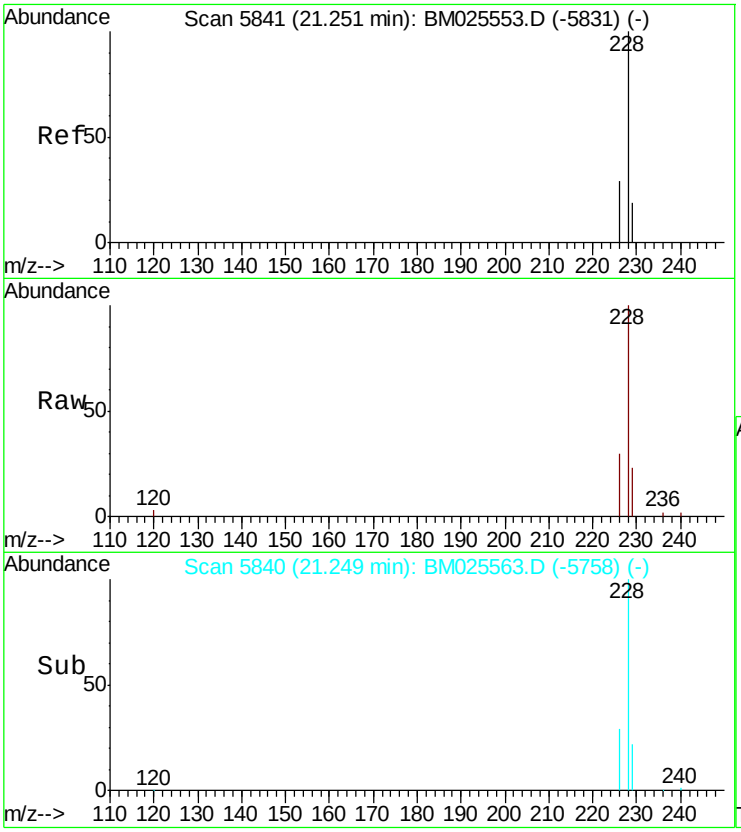


#18
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:228 Resp: 9979

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.6	23.4
226	29.8	21.1	31.7





#19
Chrysene
Concen: 0.132 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:228 Resp: 9085

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	23.0	16.3	24.5

Instrument :
BNA_M
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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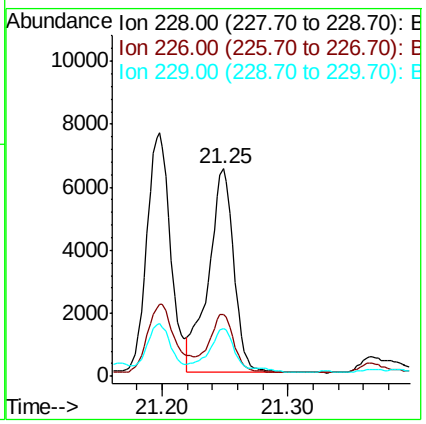
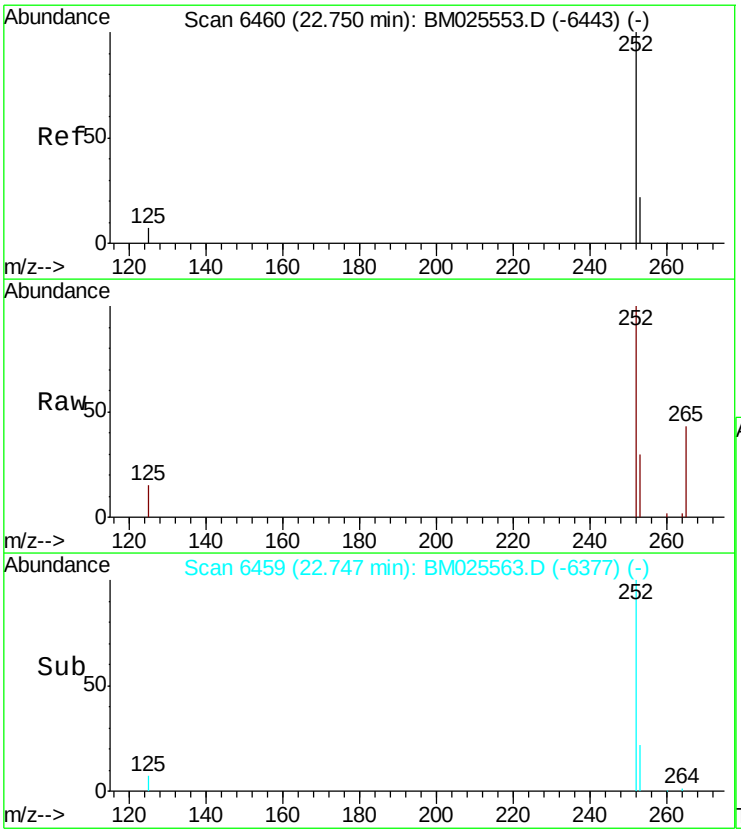
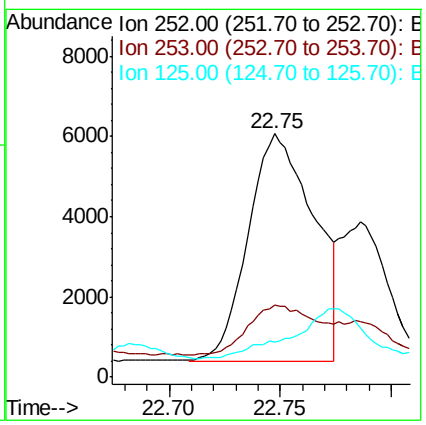


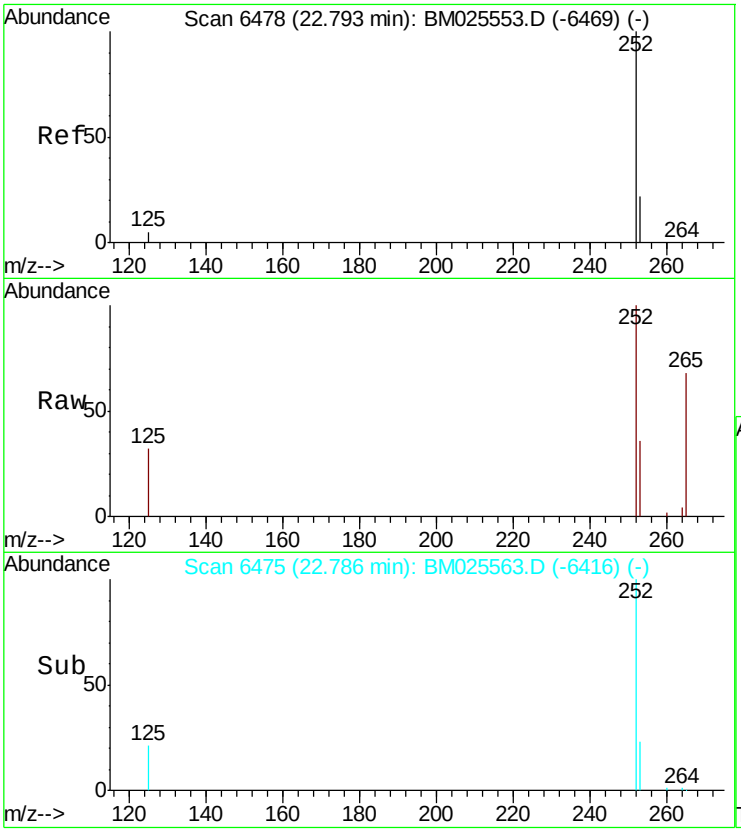


#21
Benzo(b)fluoranthene
Concen: 0.165 ng/ul m
RT: 22.75 min Scan# 6459
Delta R.T. -0.00 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:252 Resp: 11696

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.2
125	14.6	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 0.069 ng/ul m
RT: 22.79 min Scan# 6475
Delta R.T. -0.01 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:252 Resp: 5153

Ion	Ratio	Lower	Upper
252	100		
253	36.1	19.8	29.8#
125	31.6	7.1	10.7#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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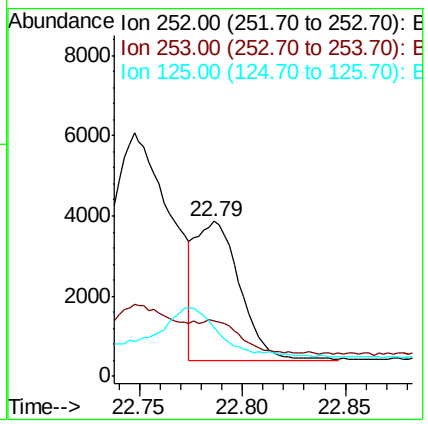
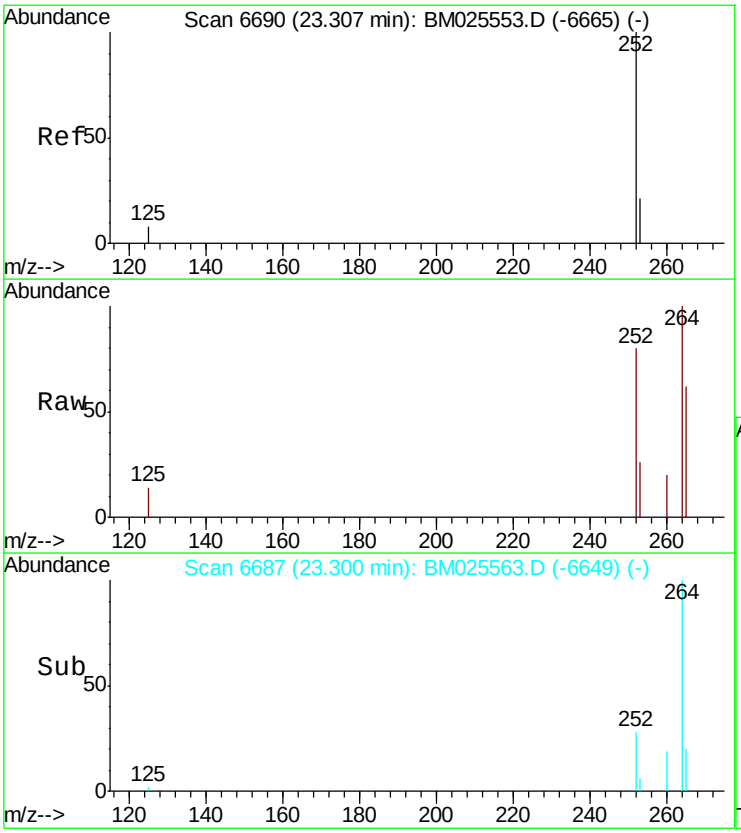
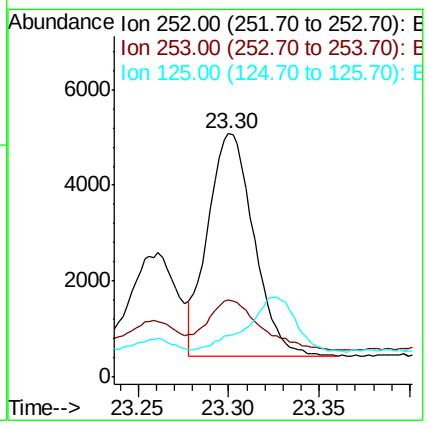


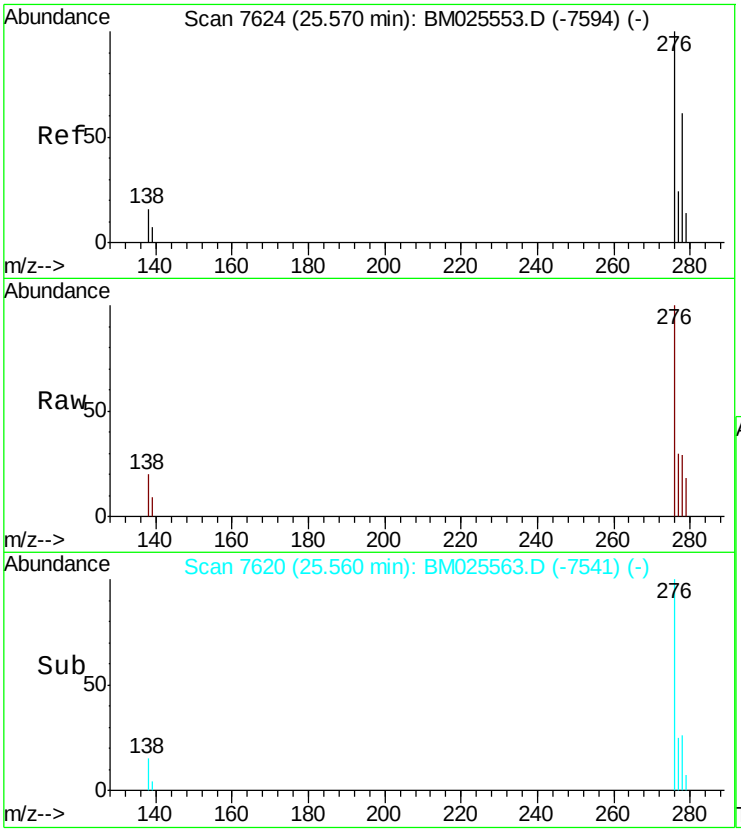


#23
Benzo(a)pyrene
Concen: 0.140 ng/ul
RT: 23.30 min Scan# 6687
Delta R.T. -0.01 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:252 Resp: 8245

Ion	Ratio	Lower	Upper
252	100		
253	31.9	21.3	31.9
125	17.2	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.065 ng/ul
RT: 25.56 min Scan# 7620
Delta R.T. -0.01 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:276 Resp: 5226

Ion	Ratio	Lower	Upper
276	100		
138	18.3	12.3	18.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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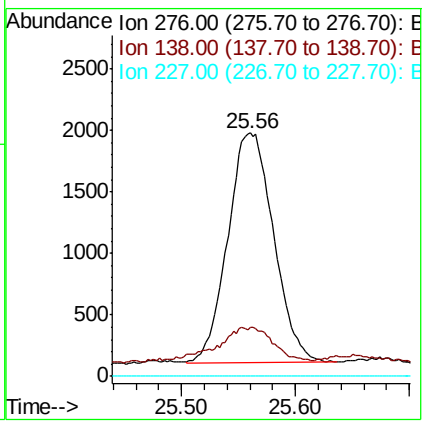
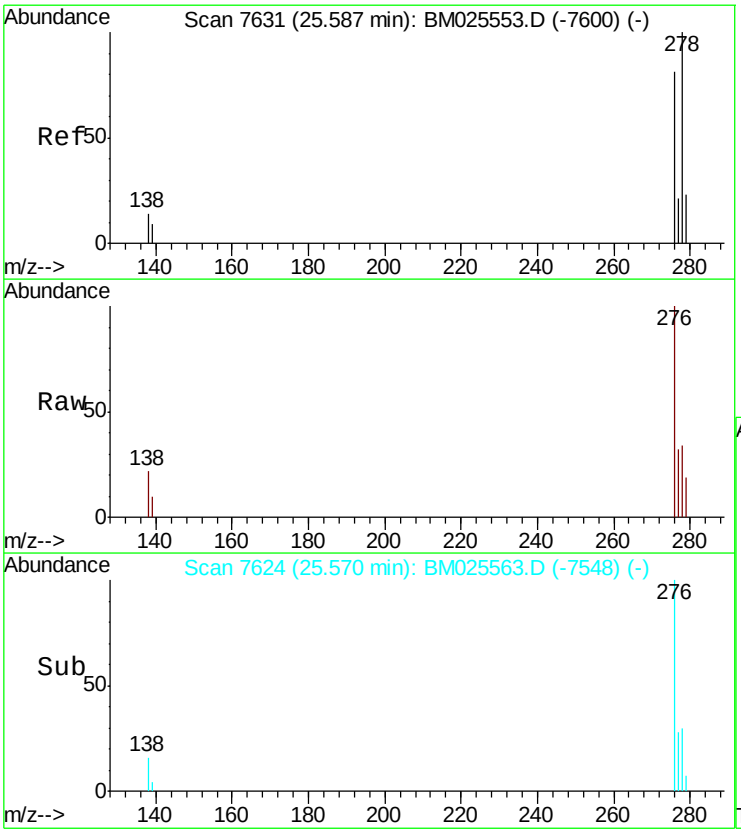
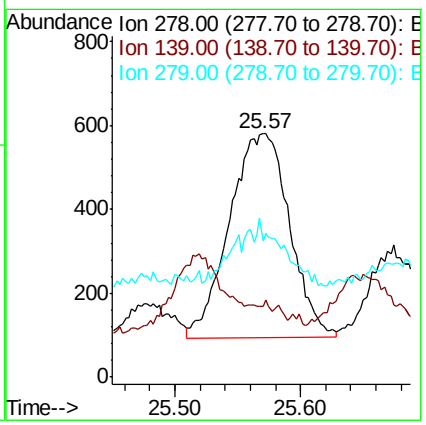


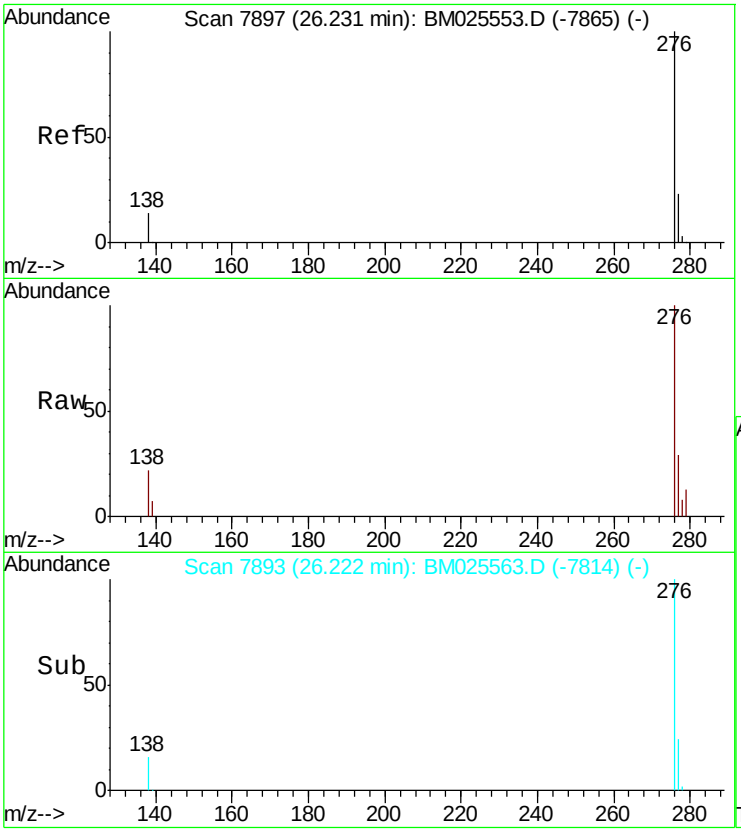


#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.02 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:278 Resp: 1620

Ion	Ratio	Lower	Upper
278	100		
139	28.9	9.0	13.6#
279	55.9	21.1	31.7#

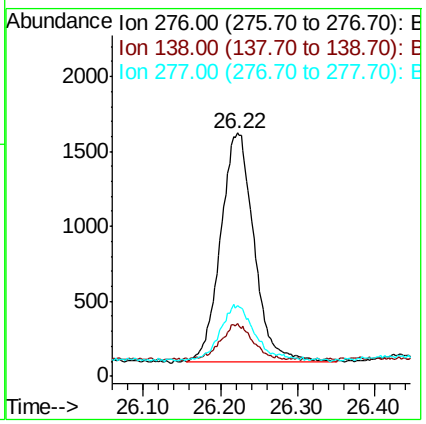




#26
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.22 min Scan# 7893
Delta R.T. -0.01 min
Lab File: BM025563.D
Acq: 14 Mar 2020 05:02

Tgt Ion:276 Resp: 4578

Ion	Ratio	Lower	Upper
276	100		
138	21.6	11.0	16.4#
277	28.8	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
C0AC1

Manual Integrations APPROVED
mohammad
3/16/2020 1:52:55 PM