Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025923.D
Acq On : 03 Apr 2020 21:46
Operator : CG/JU
Sample : L2062-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E06

Manual Integrations APPROVED
mohammad
4/6/2020 1:40:55 PM

Quant Time: Apr 03 23:12:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 22:53:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	5081	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	22808	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	15555	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	34176m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	32450	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	27463	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	9460	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	26968	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	6751	0.101	ng/ul#	95
5) 2-Methylnaphthalene	12.00	142	2755	0.059	ng/ul	100
7) Acenaphthylene	13.92	152	105730	1.590	ng/ul	97
8) Acenaphthene	14.26	153	11874	0.215	ng/ul	99
9) Fluorene	15.25	166	27900	0.408	ng/ul	100
11) Pentachlorophenol	16.61	266	676	0.081	ng/ul	95
12) Phenanthrene	16.99	178	111064	1.032	ng/ul	99
13) Anthracene	17.08	178	2272244	23.888	ng/ul	99
15) Fluoranthene	19.01	202	3970931	29.848	ng/ul	99
17) Pyrene	19.38	202	6613338	56.906	ng/ul	96
18) Benzo(a)anthracene	21.13	228	4029500	34.738	ng/ul	97
19) Chrysene	21.19	228	6031793	47.643	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	5391370m	53.344	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1874147m	17.293	ng/ul	
23) Benzo(a)pyrene	23.21	252	2291391	25.369	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	887202	7.334	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.41	278	265797	2.632	ng/ul	97
26) Benzo(g,h,i)perylene	26.05	276	492911	4.817	ng/ul	99

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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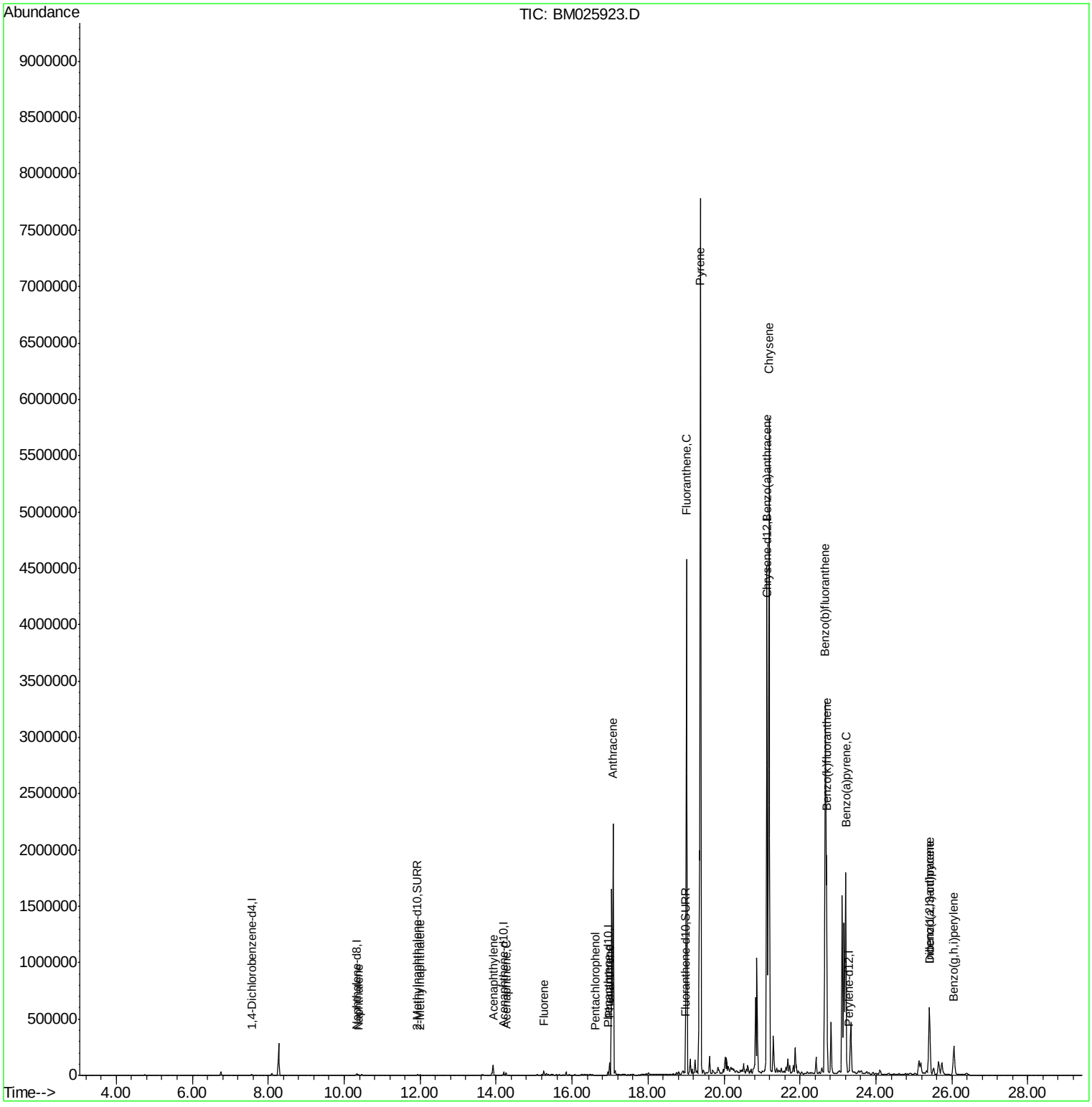

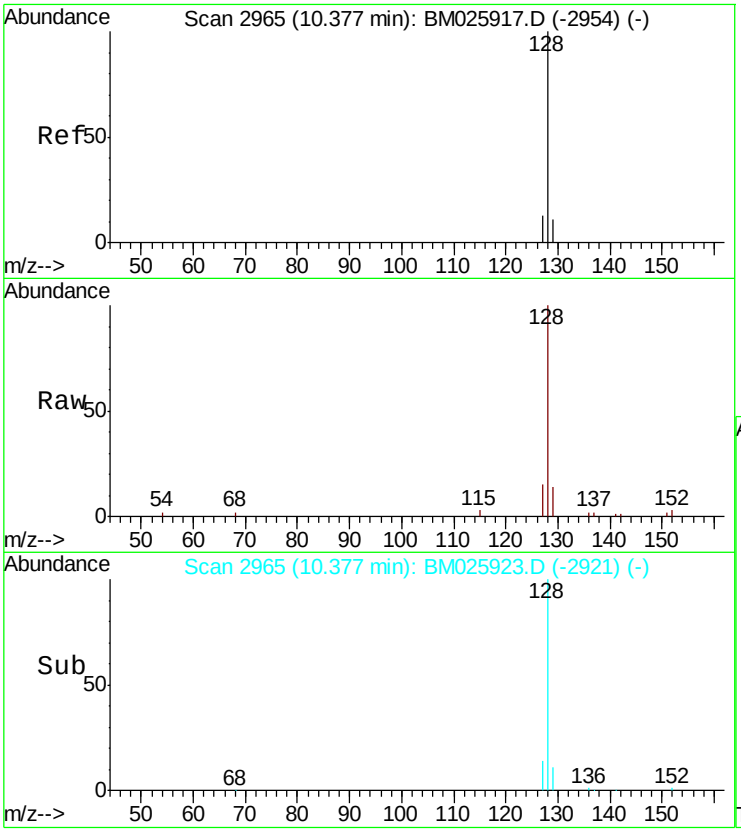

#3
Naphthalene
Concen: 0.101 ng/ul
RT: 10.38 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:128 Resp: 6751

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.1	13.7#
127	14.7	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
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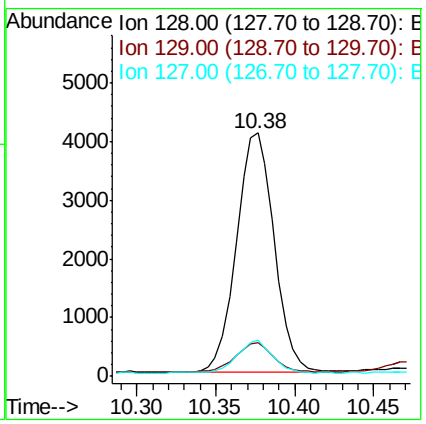
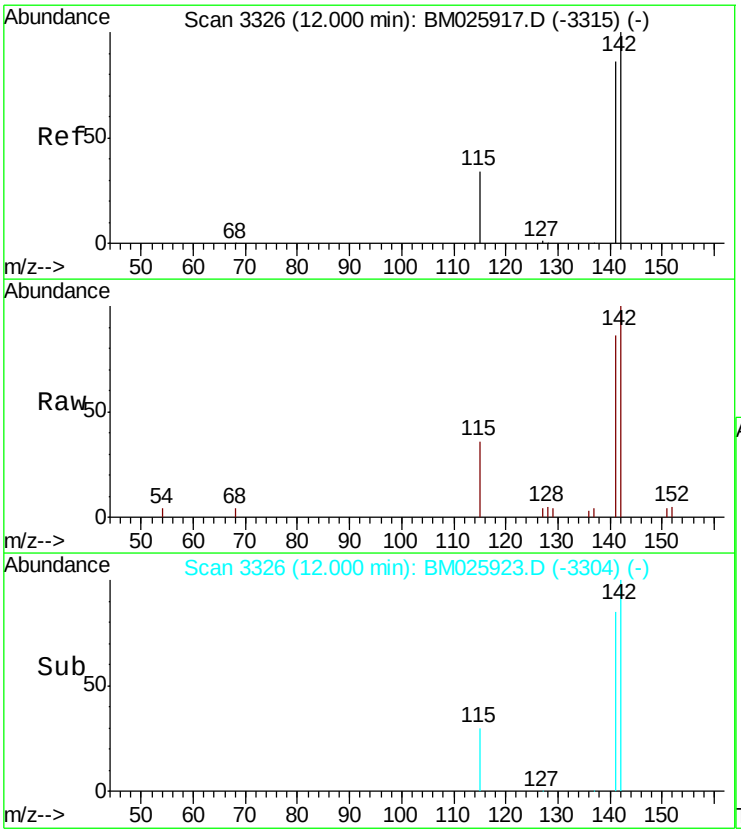
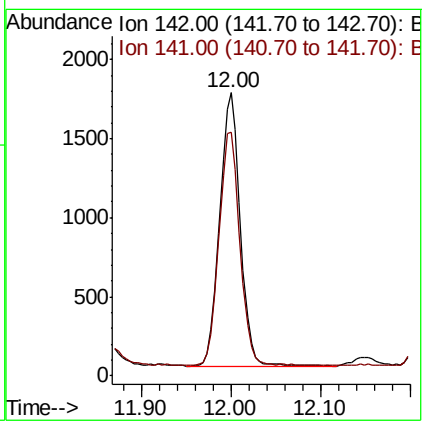


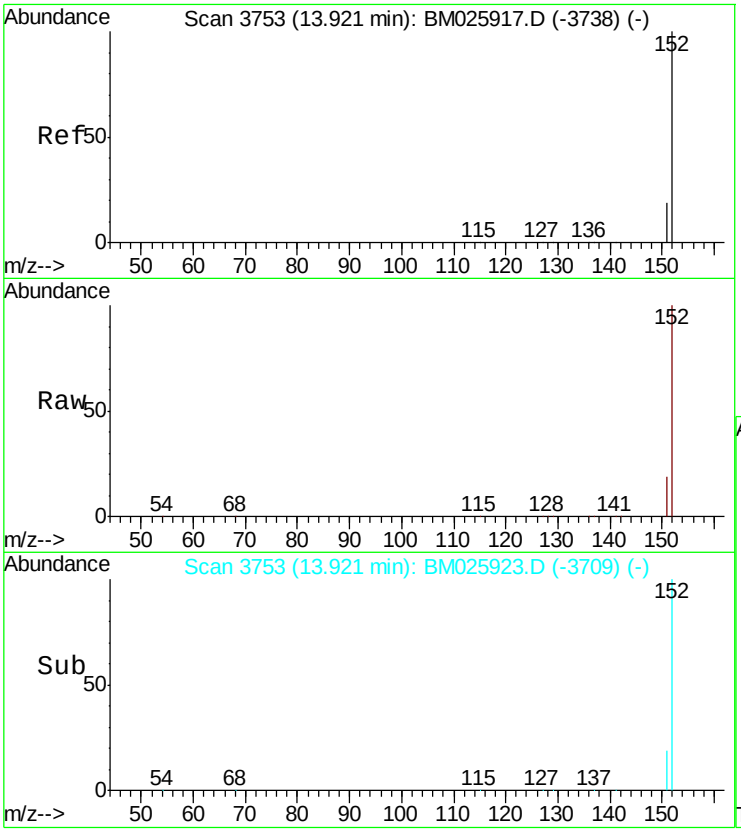


#5
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.00 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:142 Resp: 2755

Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.0	103.6

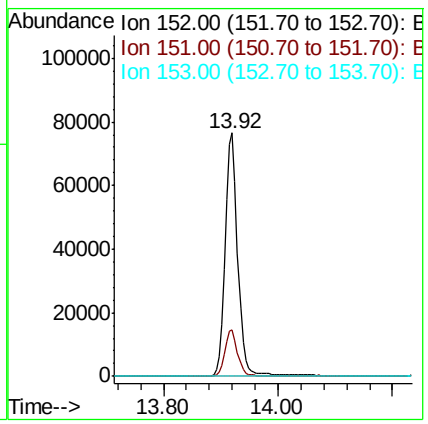




#7
Acenaphthylene
Concen: 1.590 ng/ul
RT: 13.92 min Scan# 3753
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:152 Resp: 105730

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.1	24.1
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
F3E06

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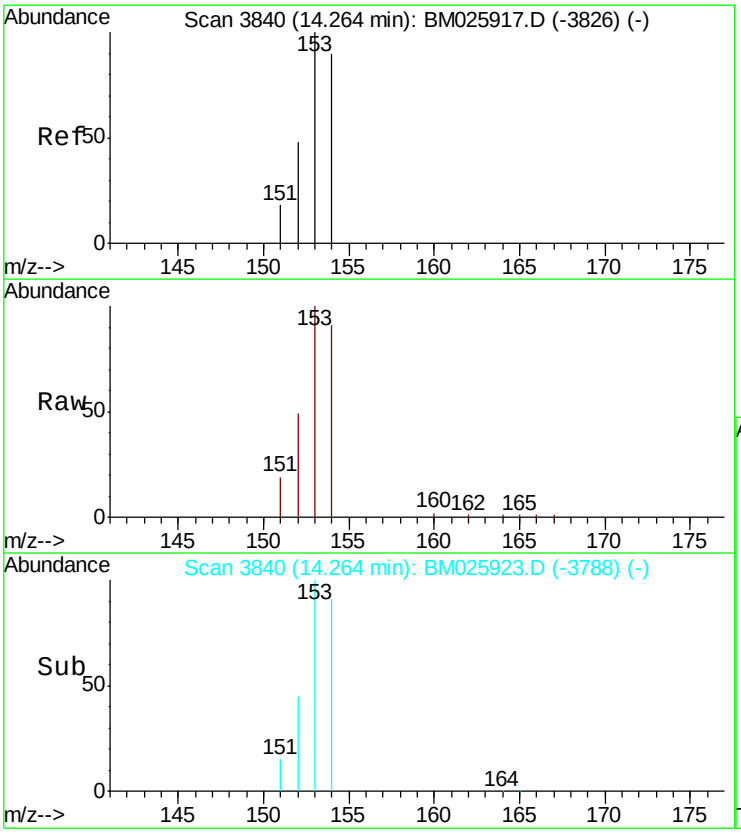
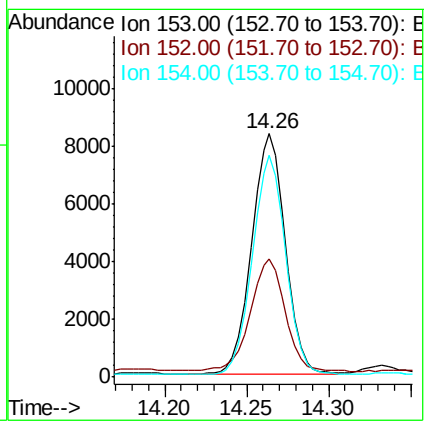
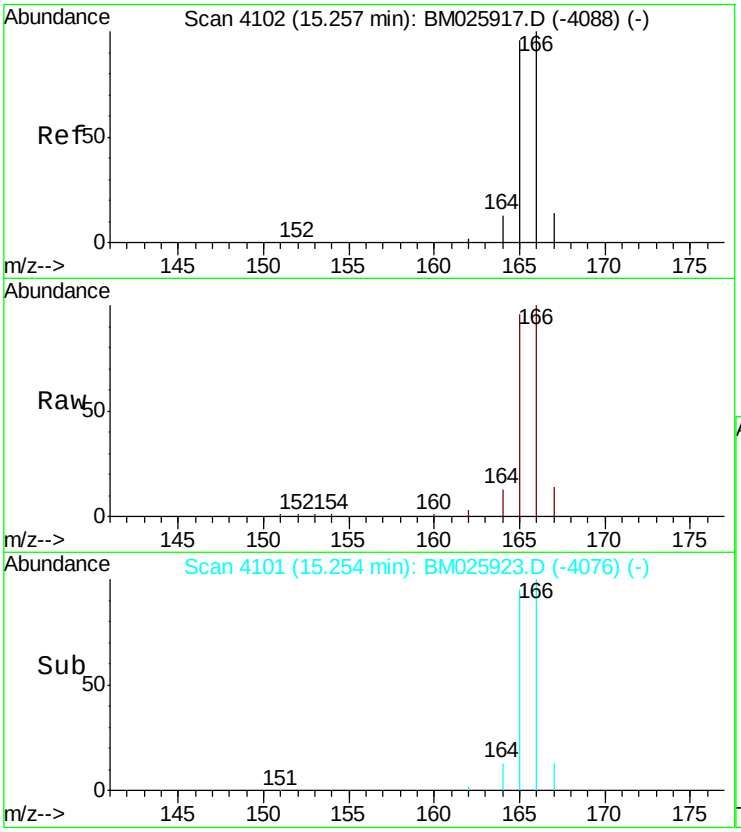


#8
Acenaphthene
Concen: 0.215 ng/ul
RT: 14.26 min Scan# 3840
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:153 Resp: 11874

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.8	58.2
154	90.9	71.9	107.9

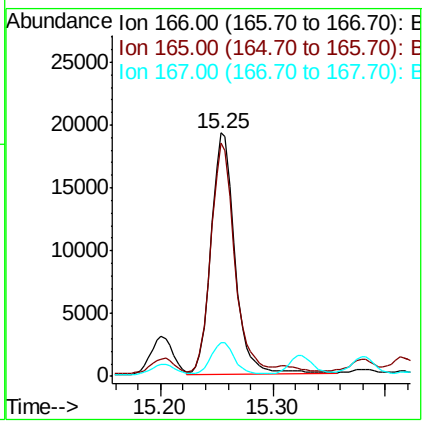




#9
Fluorene
Concen: 0.408 ng/ul
RT: 15.25 min Scan# 4101
Delta R.T. -0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:166 Resp: 27900

Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.6	115.0
167	13.8	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
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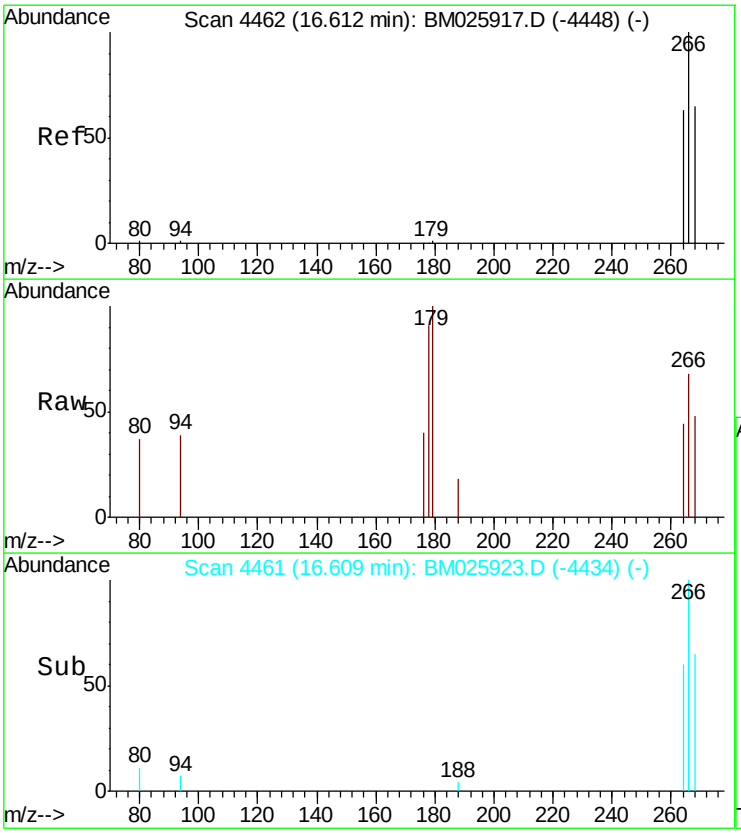
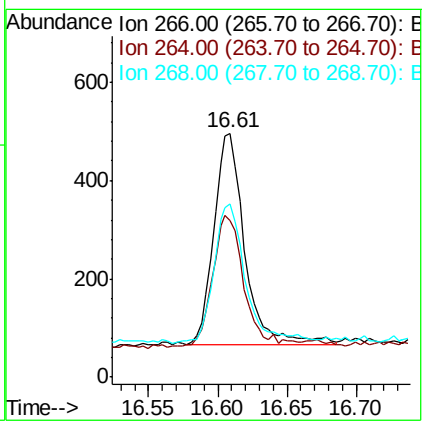
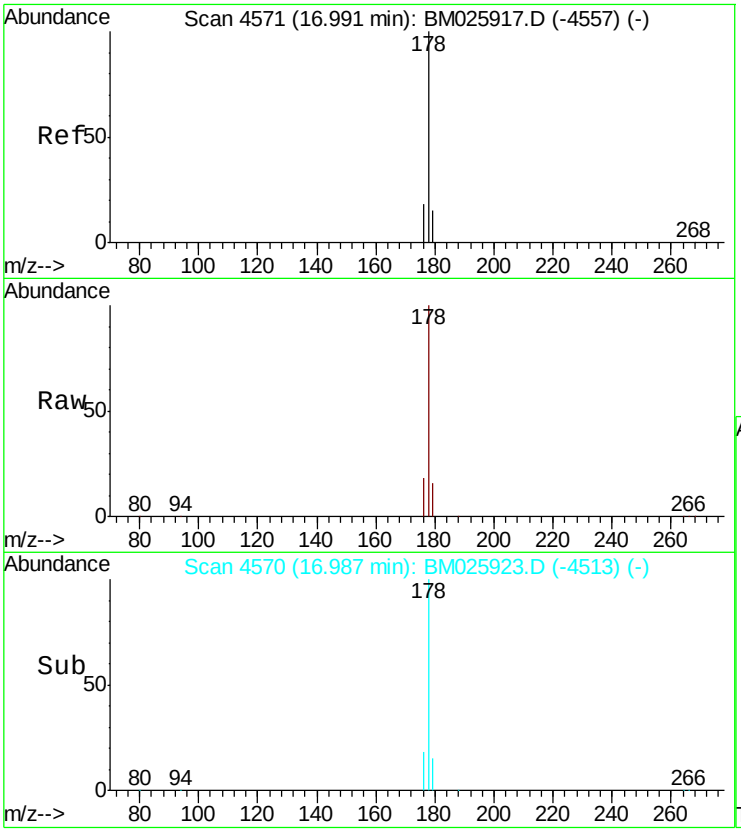


#11
Pentachlorophenol
Concen: 0.081 ng/ul
RT: 16.61 min Scan# 4461
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:266 Resp: 676

Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.4	72.6
268	67.5	48.7	73.1

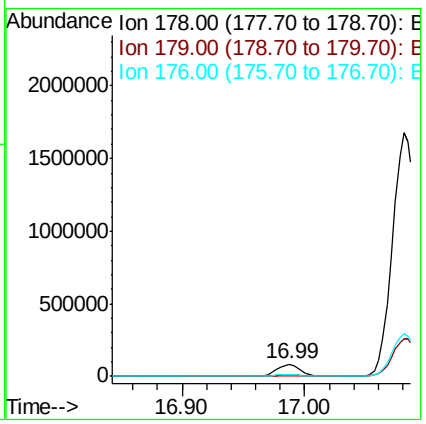




#12
Phenanthrene
Concen: 1.032 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:178 Resp: 111064

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	18.1	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
F3E06

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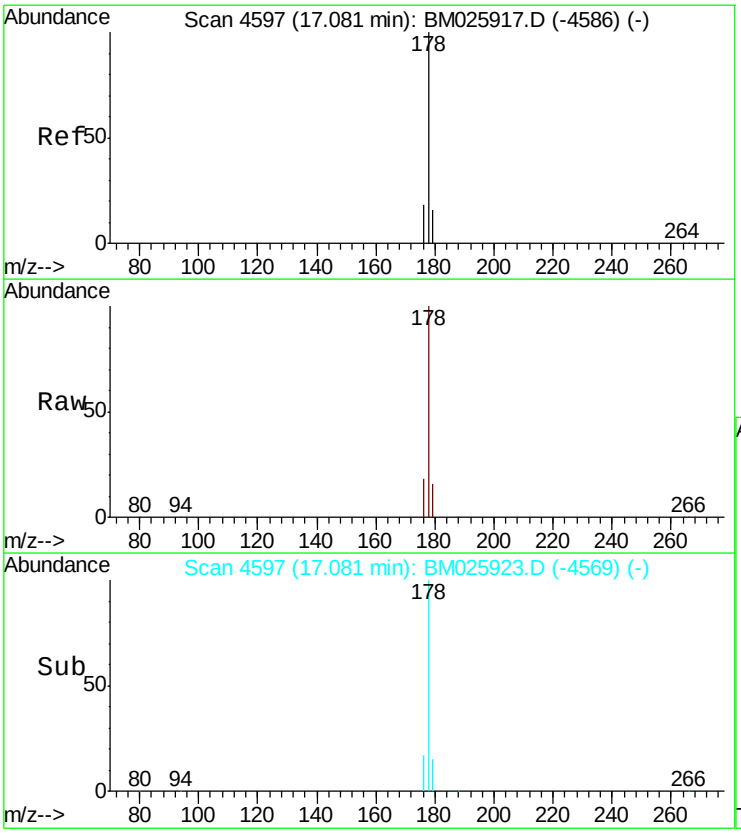
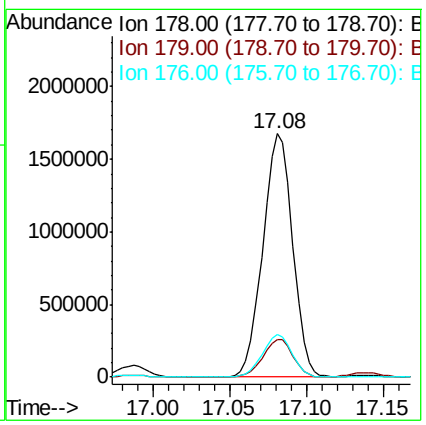
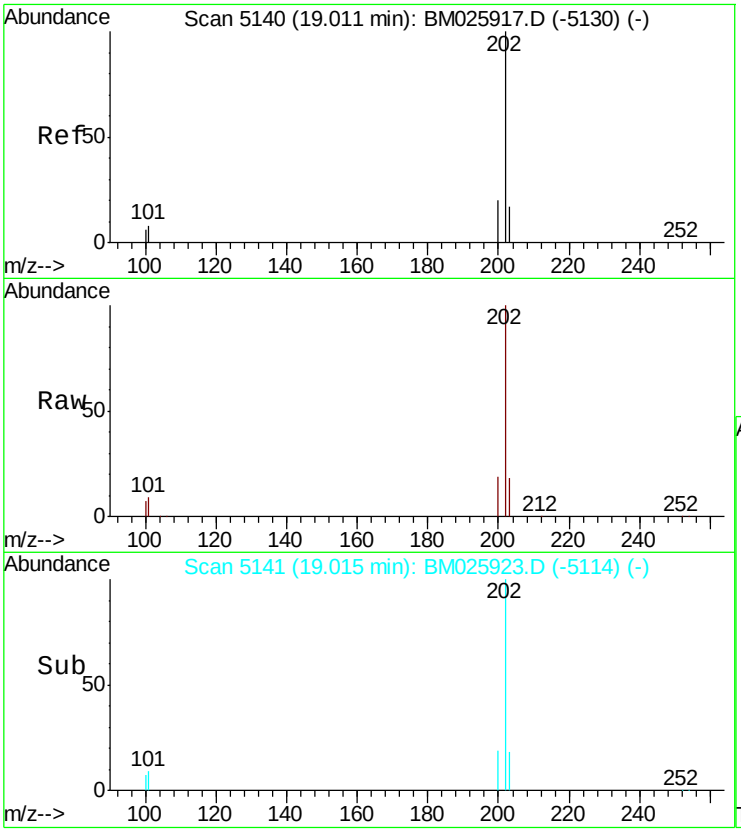


#13
Anthracene
Concen: 23.888 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:178 Resp: 2272244

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.5	14.5	21.7

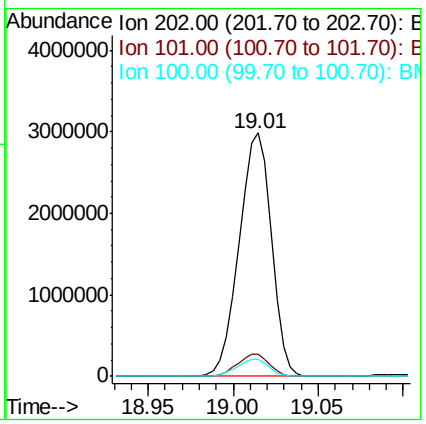




#15
Fluoranthene
Concen: 29.848 ng/ul
RT: 19.01 min Scan# 5141
Delta R.T. 0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:202 Resp: 3970931

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.6
100	6.8	0.0	27.0



Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
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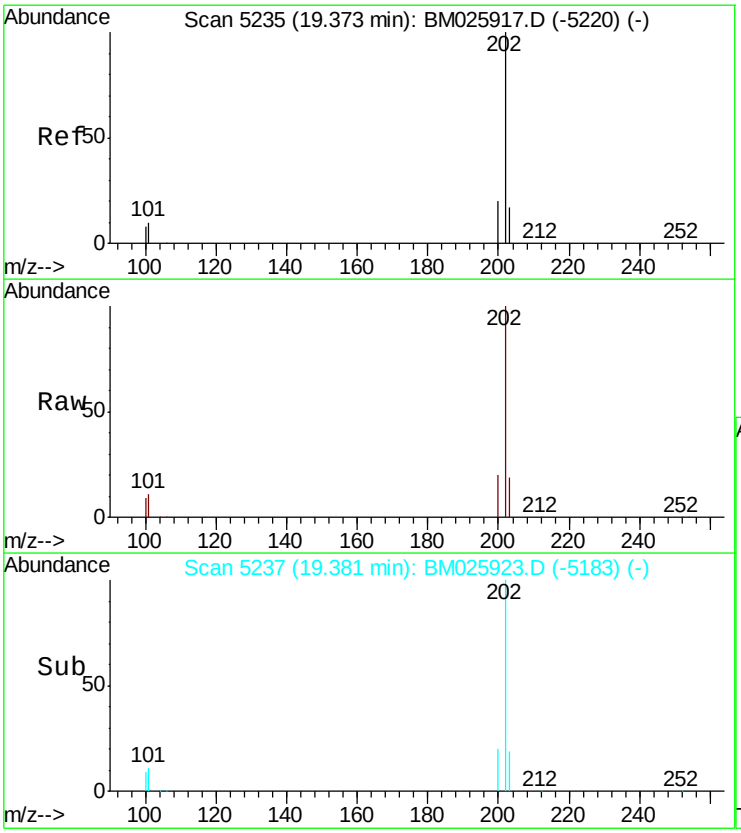
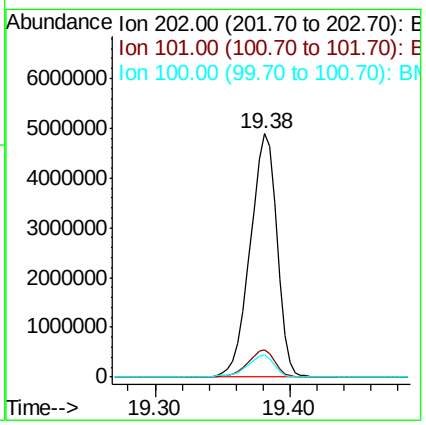
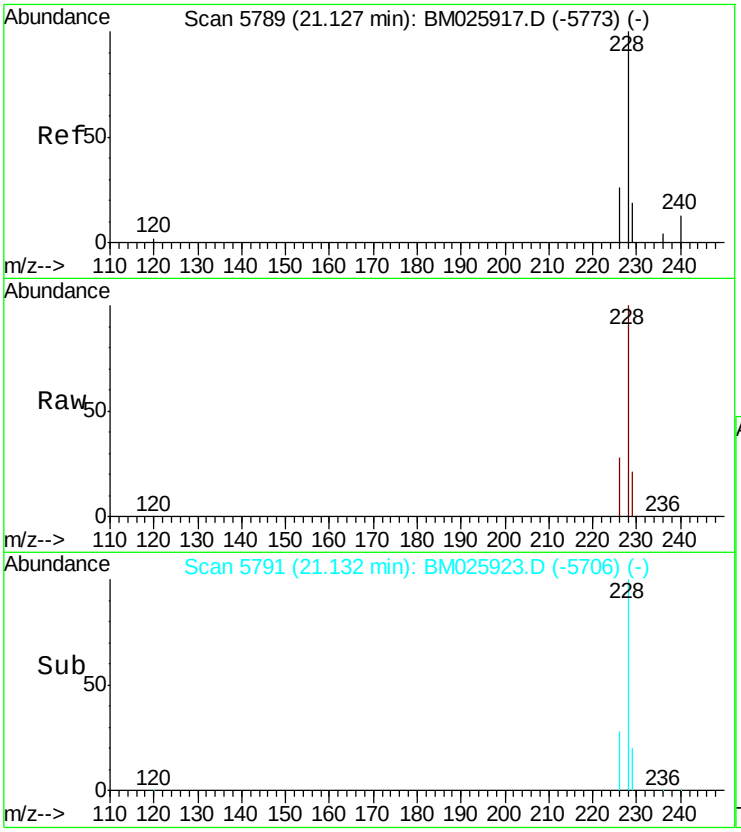


#17
Pyrene
Concen: 56.906 ng/ul
RT: 19.38 min Scan# 5237
Delta R.T. 0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:202 Resp: 6613338

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.5	11.3
100	9.0	6.3	9.5

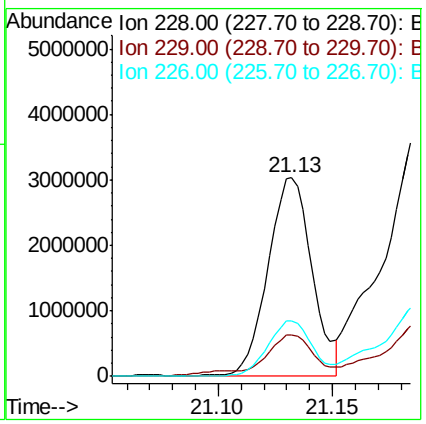




#18
Benzo(a)anthracene
Concen: 34.738 ng/ul
RT: 21.13 min Scan# 5791
Delta R.T. 0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:228 Resp: 4029500

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	27.9	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
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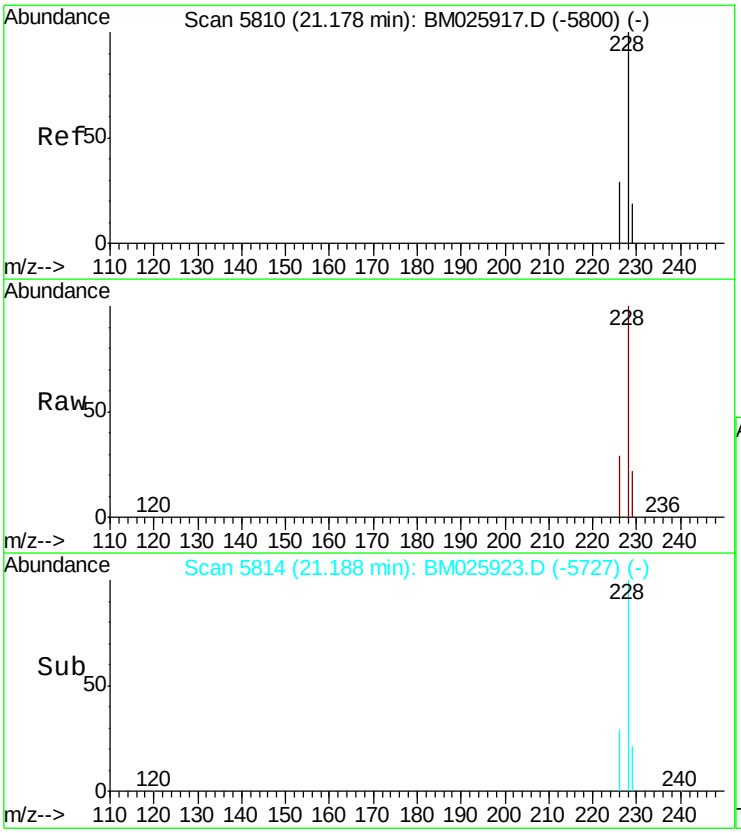
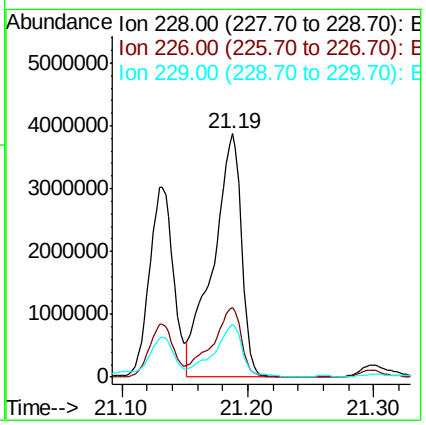
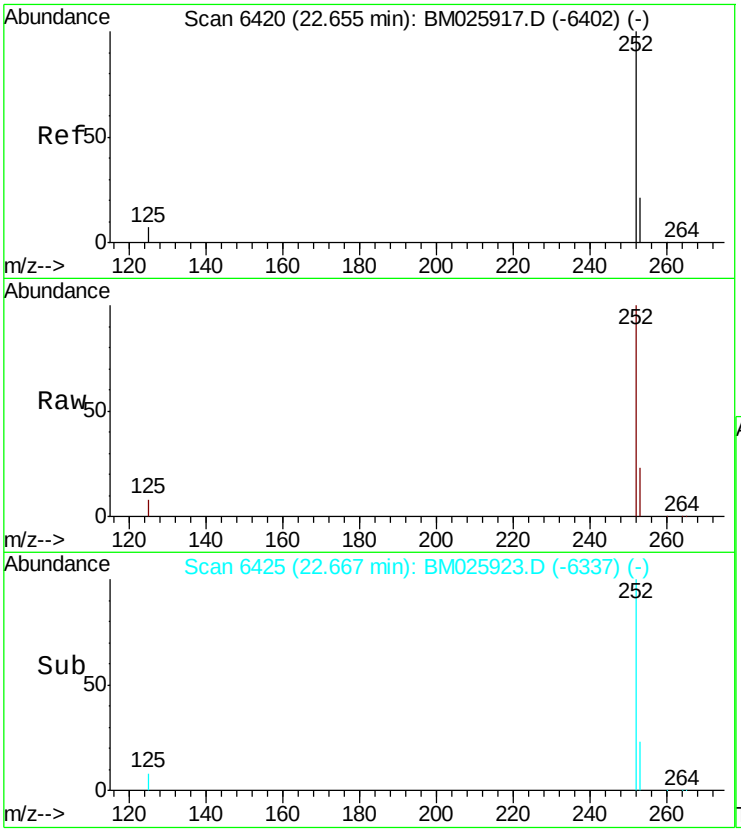


#19
Chrysene
Concen: 47.643 ng/ul
RT: 21.19 min Scan# 5814
Delta R.T. 0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:228 Resp: 6031793

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	21.6	15.8	23.8

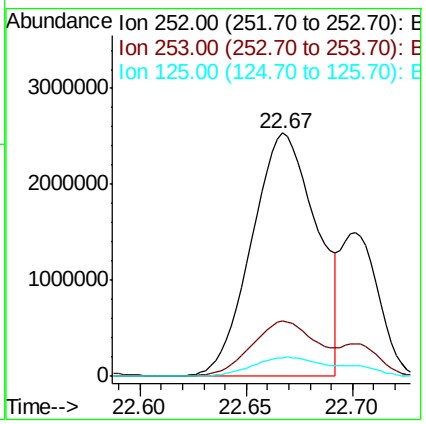




#21
Benzo(b)fluoranthene
Concen: 53.344 ng/ul m
RT: 22.67 min Scan# 6425
Delta R.T. 0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:252 Resp: 5391370

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	46.6
125	7.8	0.0	15.4



Instrument :
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ClientSampleId :
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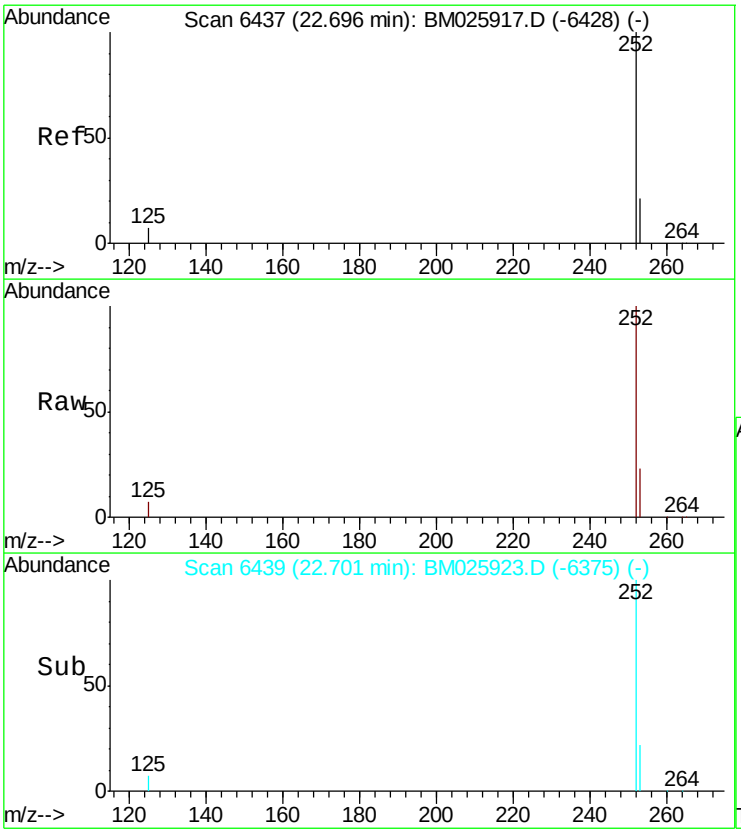
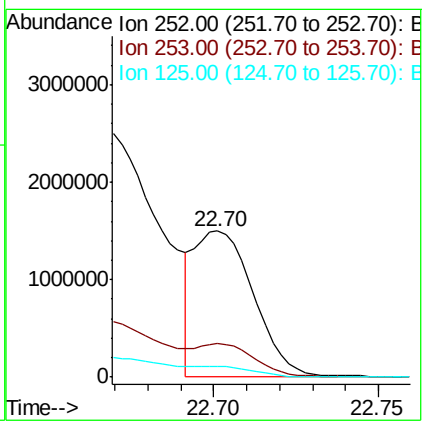
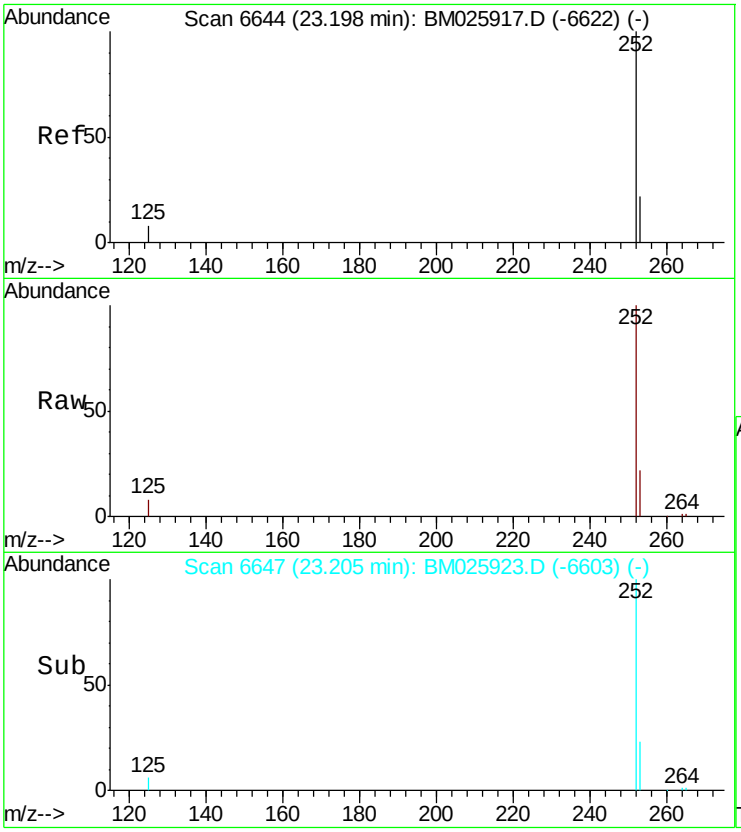


#22
Benzo(k)fluoranthene
Concen: 17.293 ng/ul m
RT: 22.70 min Scan# 6439
Delta R.T. 0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:252 Resp: 1874147

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	7.4	6.7	10.1

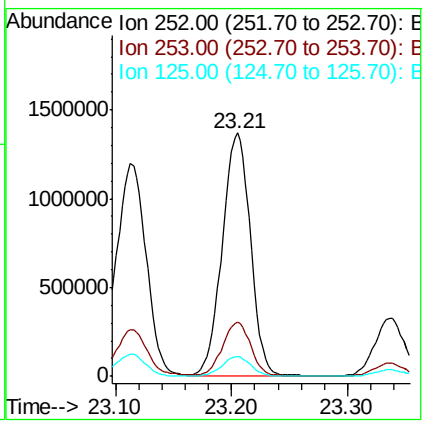




#23
Benzo(a)pyrene
Concen: 25.369 ng/ul
RT: 23.21 min Scan# 6647
Delta R.T. 0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:252 Resp: 2291391

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	8.0	7.4	11.0



Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
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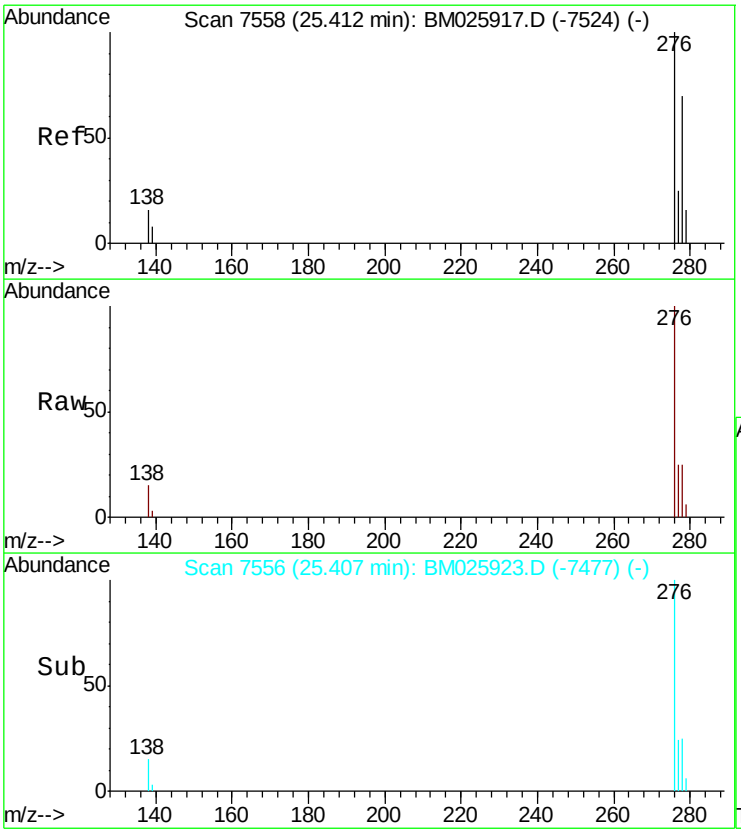
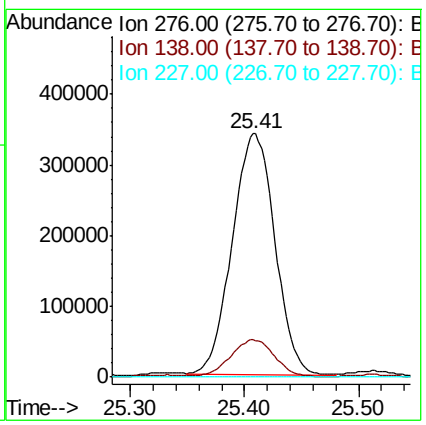
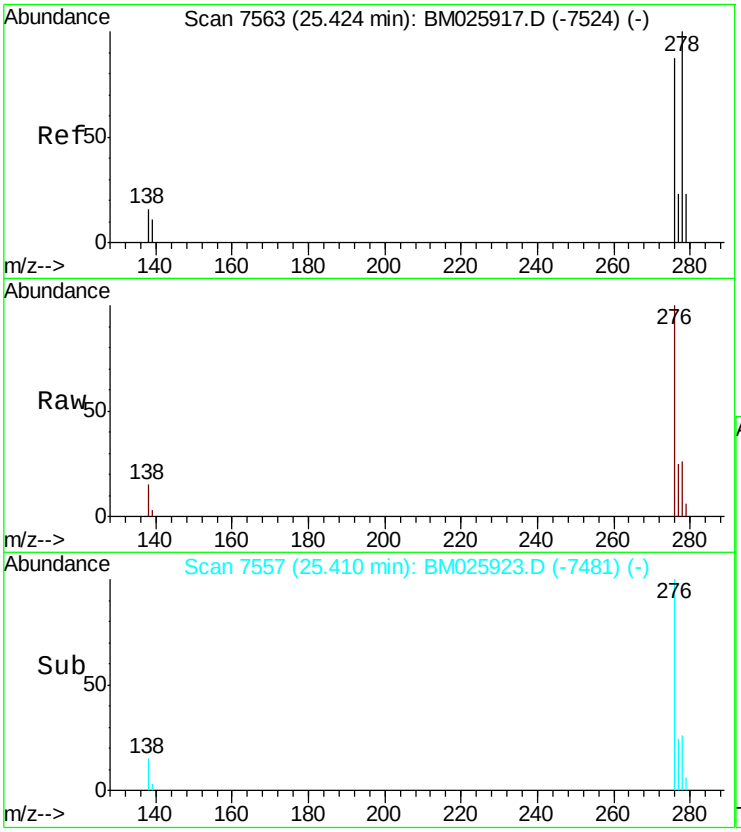


#24
Indeno(1,2,3-cd)pyrene
Concen: 7.334 ng/ul
RT: 25.41 min Scan# 7556
Delta R.T. -0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:276 Resp: 887202

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.6	19.0
227	0.0	0.0	0.0

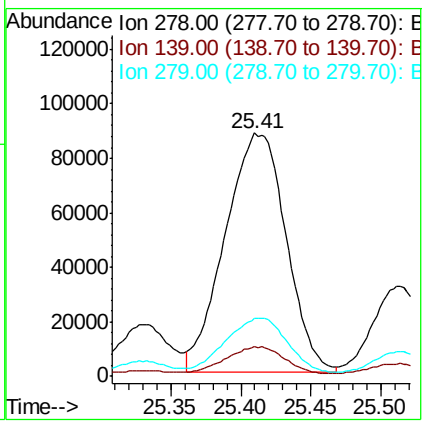




#25
Dibenzo(a,h)anthracene
Concen: 2.632 ng/ul
RT: 25.41 min Scan# 7557
Delta R.T. -0.01 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

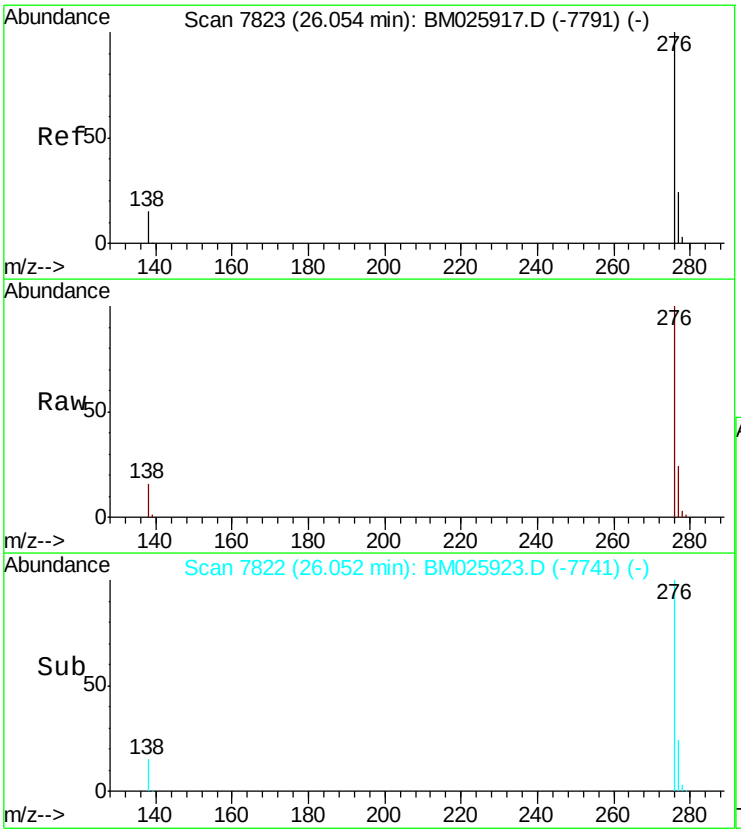
Tgt Ion:278 Resp: 265797

Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.9	13.3
279	23.6	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
F3E06

Manual Integrations APPROVED
mohammad
4/6/2020 1:40:55 PM



#26
Benzo(g,h,i)perylene
Concen: 4.817 ng/ul
RT: 26.05 min Scan# 7822
Delta R.T. -0.00 min
Lab File: BM025923.D
Acq: 03 Apr 2020 21:46

Tgt Ion:276 Resp: 492911

Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.8	17.8
277	23.8	19.2	28.8