Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025938.D
Acq On : 04 Apr 2020 06:48
Operator : CG/JU
Sample : L2062-07RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F3E06RE

Manual Integrations APPROVED
mohammad
4/6/2020 1:41:56 PM

Quant Time: Apr 06 00:37:18 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 : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	5861	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	26616	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	18538	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	42206m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	49164	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	45200	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11186	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	35263	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	8002	0.102	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	3241	0.059	ng/ul	98
7) Acenaphthylene	13.92	152	181413	2.289	ng/ul	98
8) Acenaphthene	14.26	153	14577	0.222	ng/ul	100
9) Fluorene	15.25	166	34771	0.426	ng/ul	100
11) Pentachlorophenol	16.61	266	934	0.090	ng/ul	94
12) Phenanthrene	16.99	178	137286	1.033	ng/ul	99
13) Anthracene	17.08	178	2898022	24.670	ng/ul	99
15) Fluoranthene	19.01	202	5145941	31.321	ng/ul	99
17) Pyrene	19.38	202	8703693	49.432	ng/ul	96
18) Benzo(a)anthracene	21.13	228	5979890	34.027	ng/ul	96
19) Chrysene	21.19	228	9040437	47.131	ng/ul	96
21) Benzo(b)fluoranthene	22.67	252	8549491m	51.396	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	3268776m	18.326	ng/ul	
23) Benzo(a)pyrene	23.21	252	3706424	24.933	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	1321729	6.639	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.41	278	400701	2.411	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	725978	4.311	ng/ul	99

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

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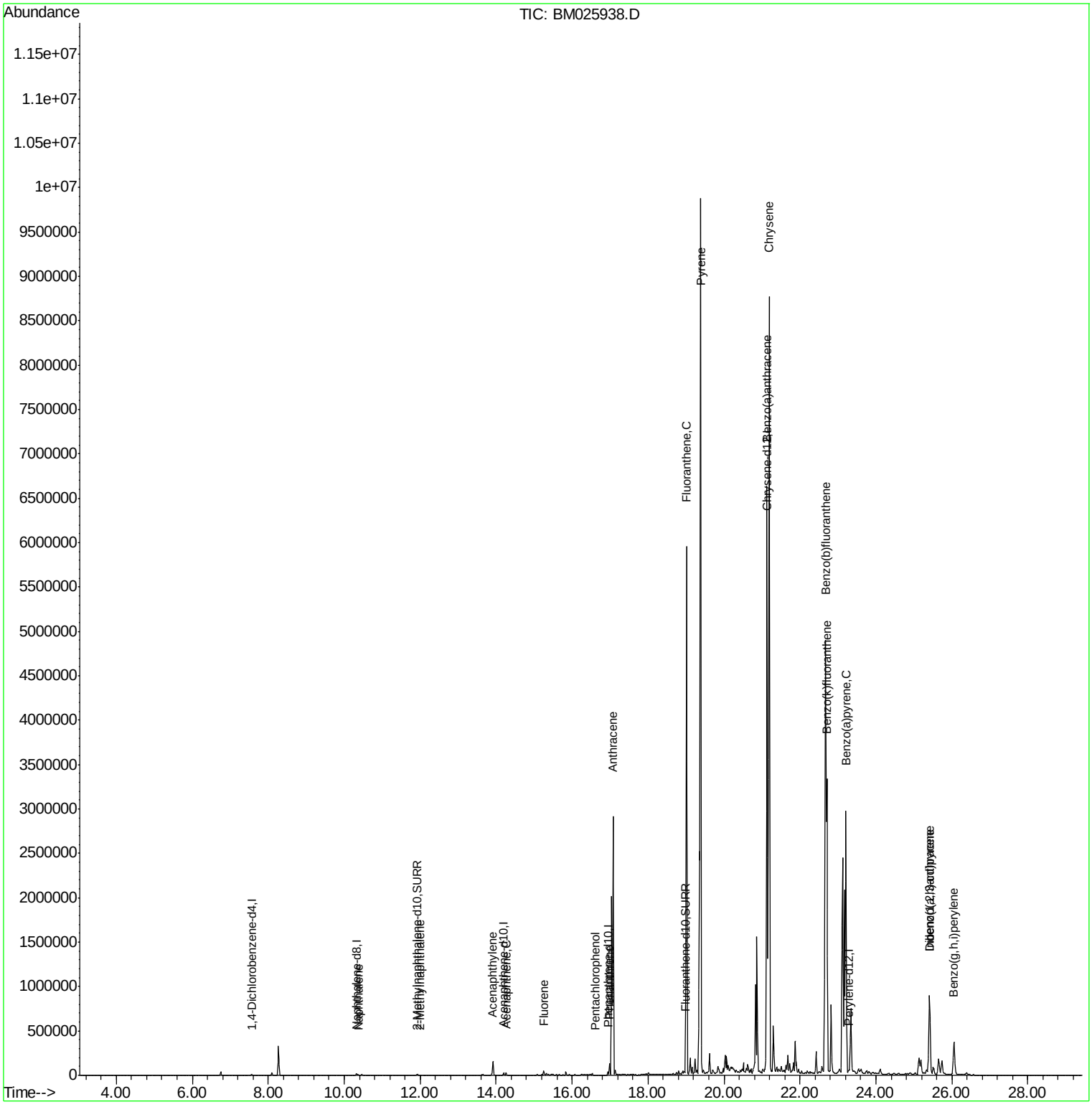
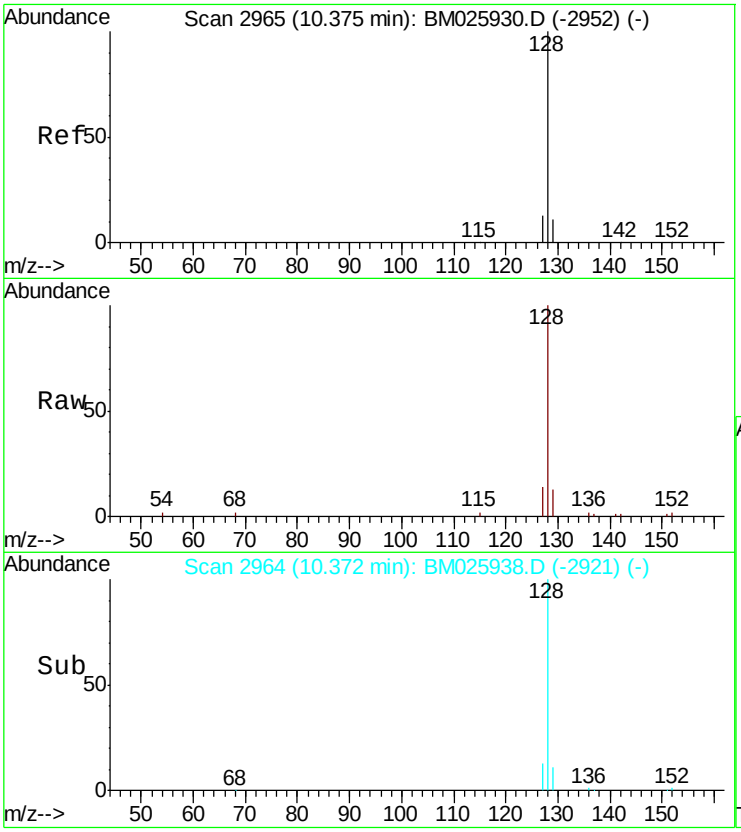
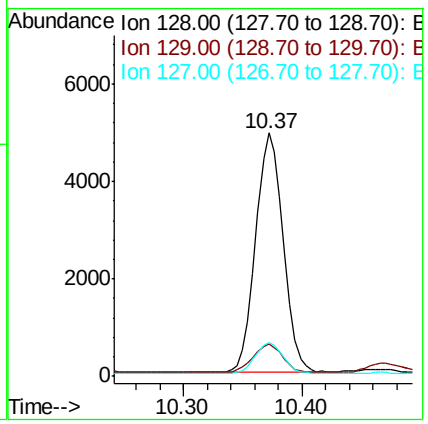




#3
Naphthalene
Concen: 0.102 ng/ul
RT: 10.37 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:128 Resp: 8002

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.1	13.7
127	14.0	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
F3E06RE

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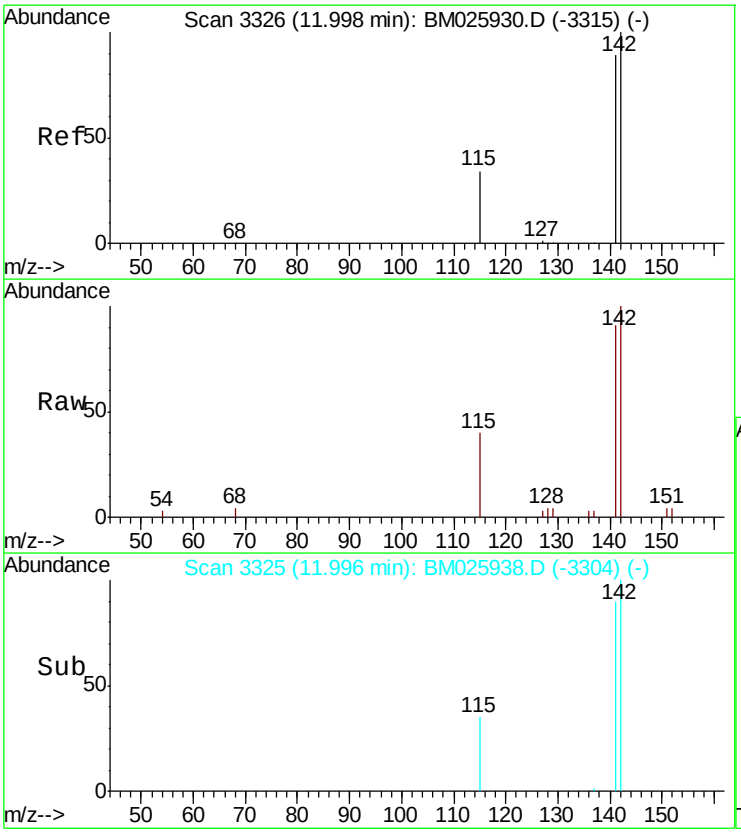
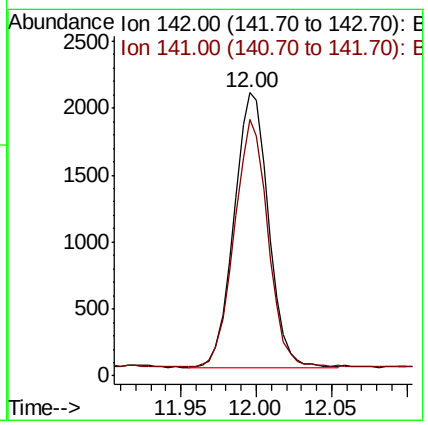
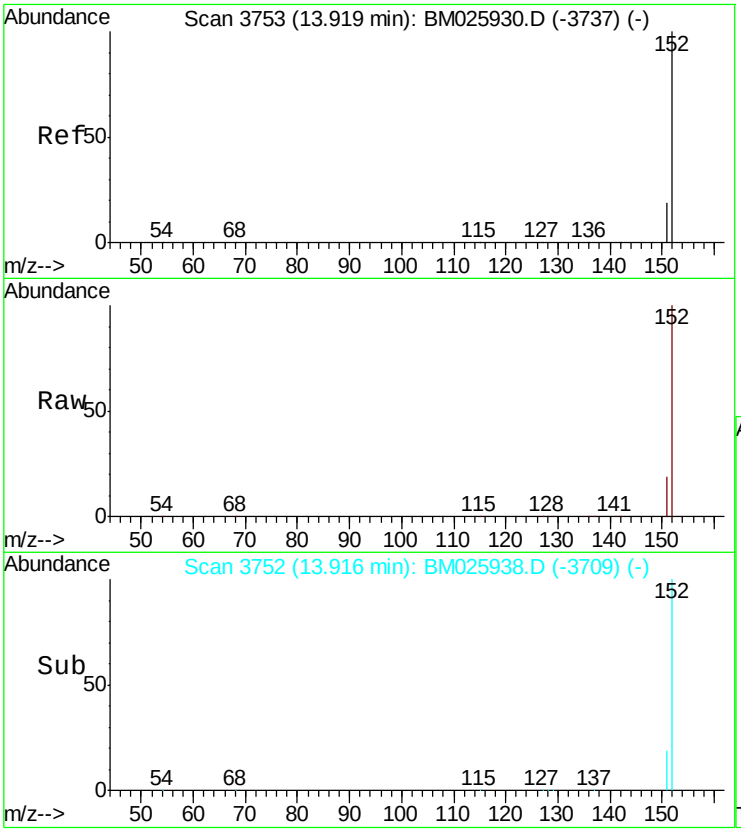


#5
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.00 min Scan# 3325
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:142 Resp: 3241

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.0	103.6

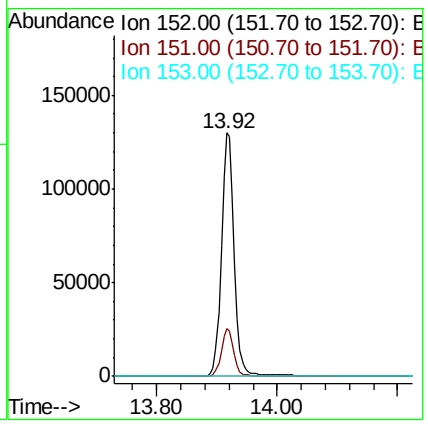




#7
Acenaphthylene
Concen: 2.289 ng/ul
RT: 13.92 min Scan# 3752
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:152 Resp: 181413

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
F3E06RE

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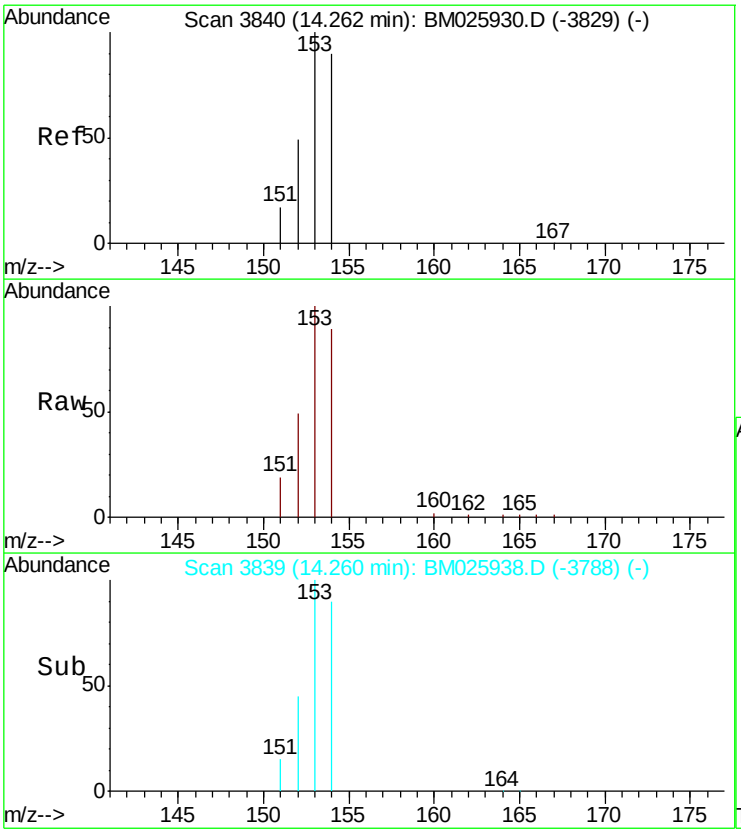
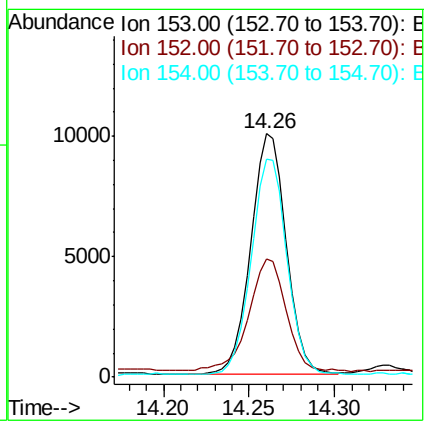
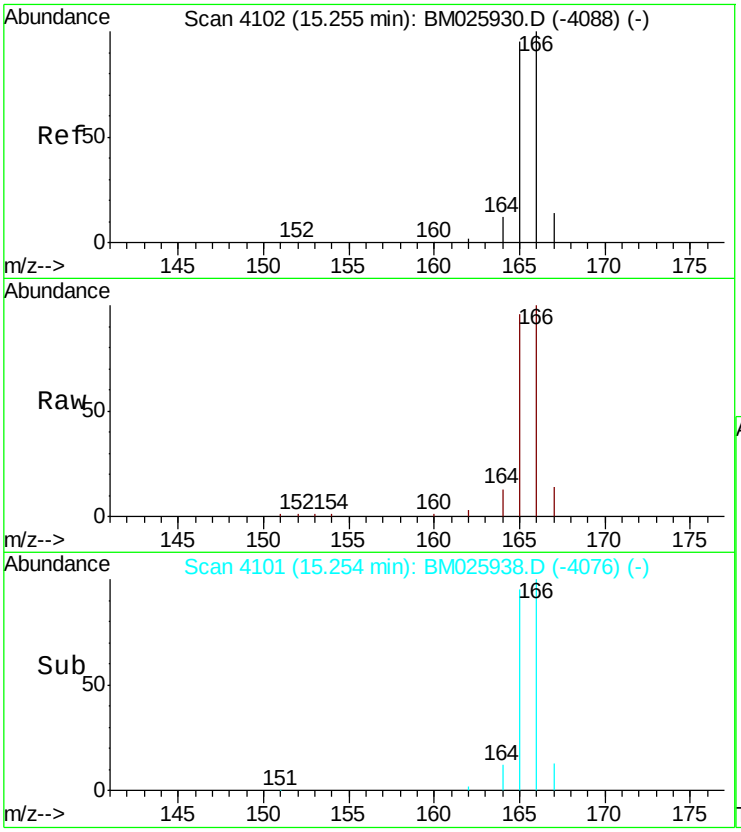


#8
Acenaphthene
Concen: 0.222 ng/ul
RT: 14.26 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:153 Resp: 14577

Ion	Ratio	Lower	Upper
153	100		
152	48.6	38.8	58.2
154	89.5	71.9	107.9

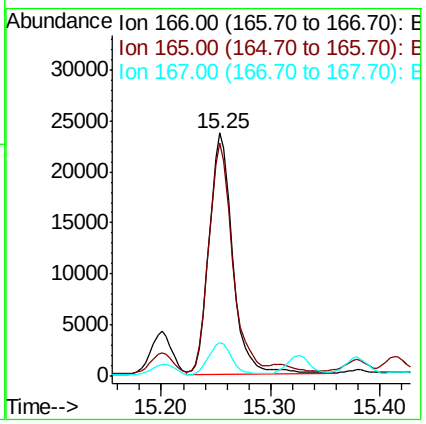




#9
Fluorene
Concen: 0.426 ng/ul
RT: 15.25 min Scan# 4101
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:166 Resp: 34771

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.6	115.0
167	14.0	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
F3E06RE

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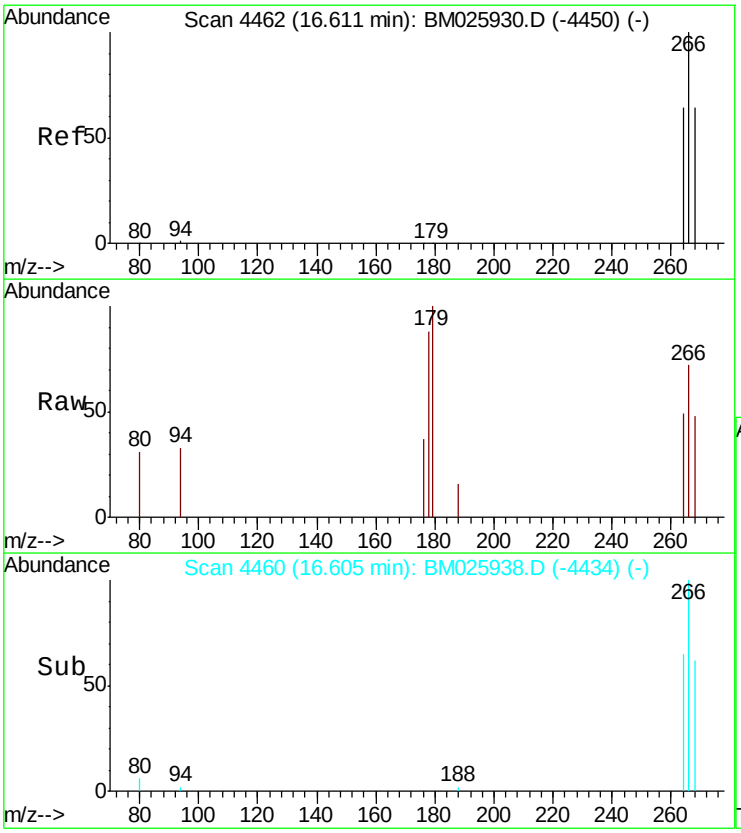
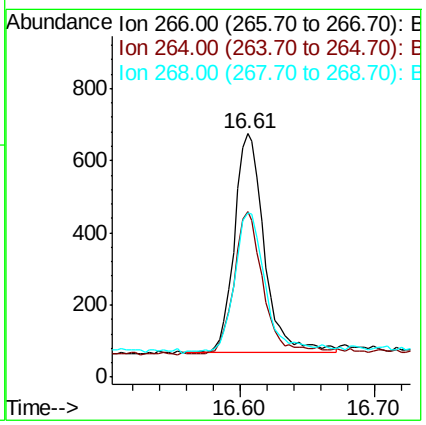
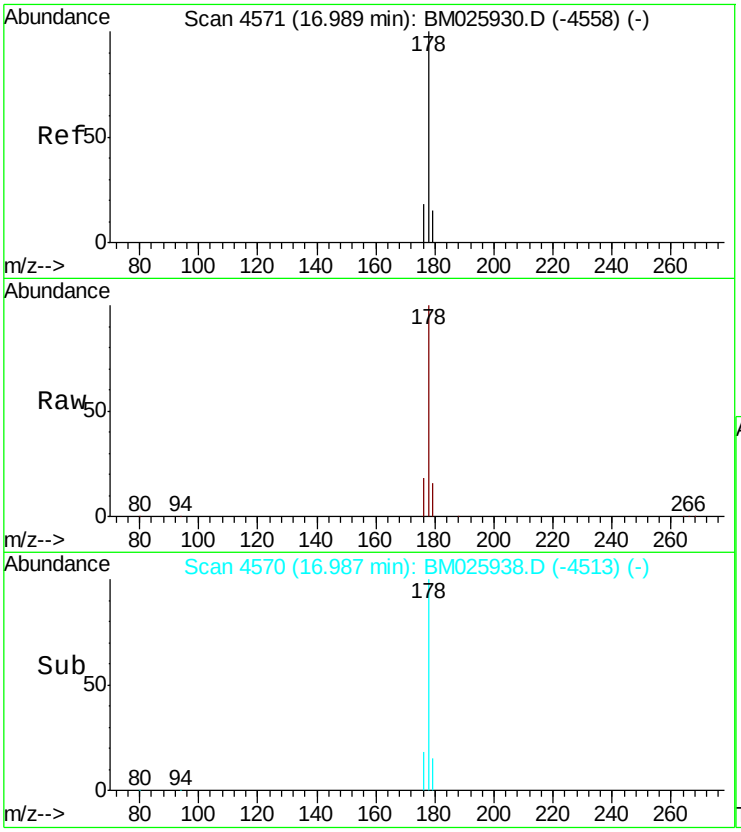


#11
Pentachlorophenol
Concen: 0.090 ng/ul
RT: 16.61 min Scan# 4460
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:266 Resp: 934

Ion	Ratio	Lower	Upper
266	100		
264	65.4	48.4	72.6
268	65.5	48.7	73.1

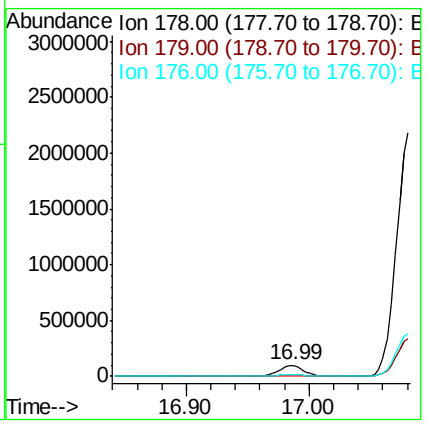




#12
Phenanthrene
Concen: 1.033 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:178 Resp: 137286

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



Instrument :
BNA_M
ClientSampleId :
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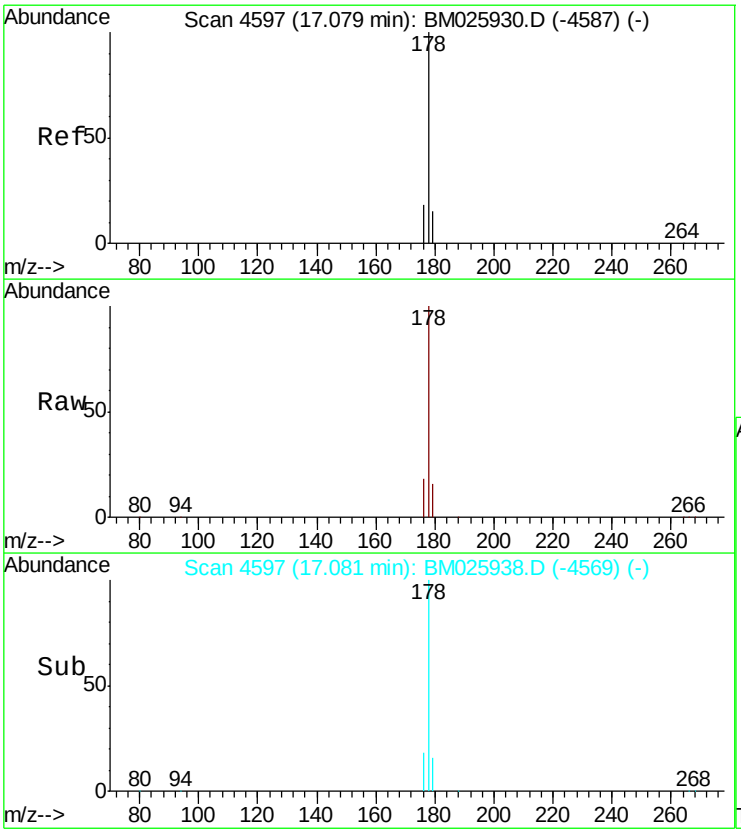
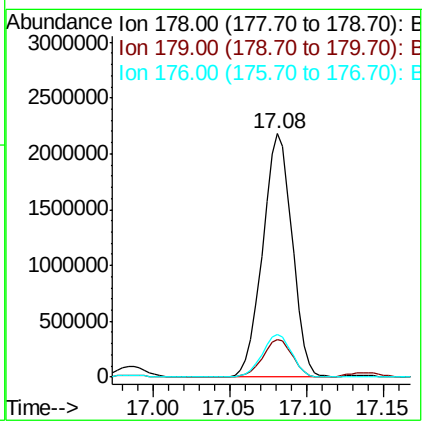
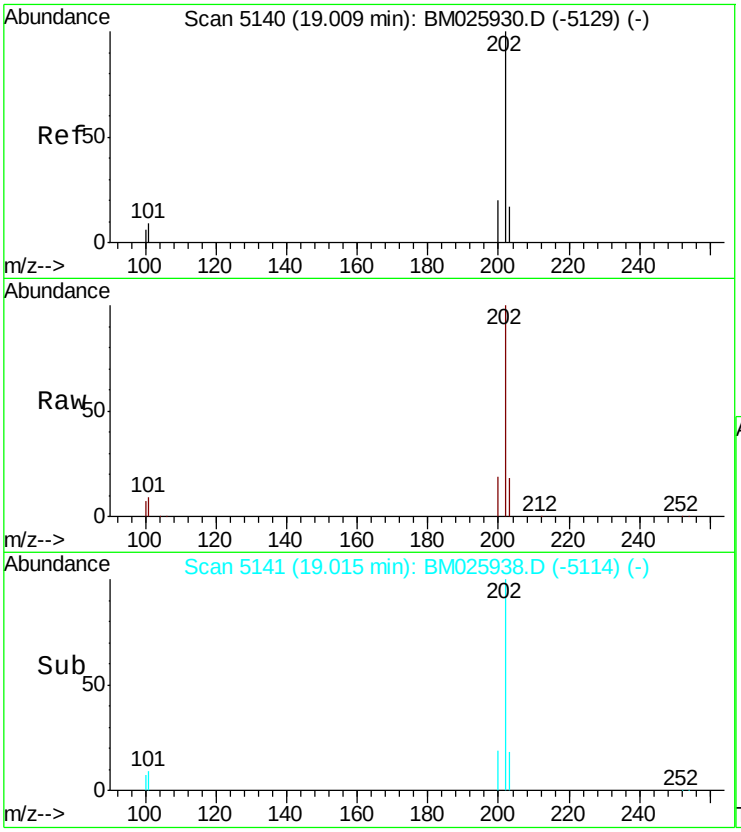


#13
Anthracene
Concen: 24.670 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:178 Resp: 2898022

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	17.6	14.5	21.7

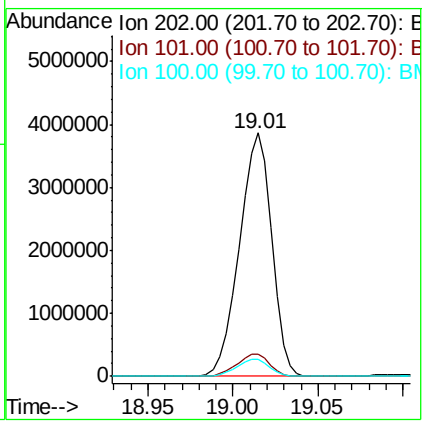




#15
Fluoranthene
Concen: 31.321 ng/ul
RT: 19.01 min Scan# 5141
Delta R.T. 0.00 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:202 Resp: 5145941

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.6
100	6.9	0.0	27.0



Instrument :
BNA_M
ClientSampleId :
F3E06RE

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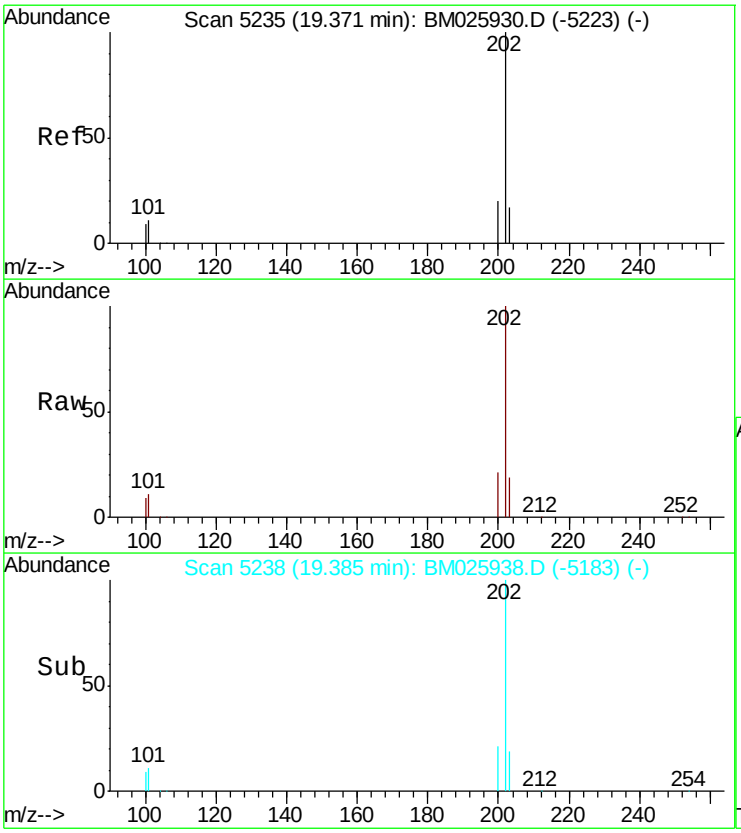
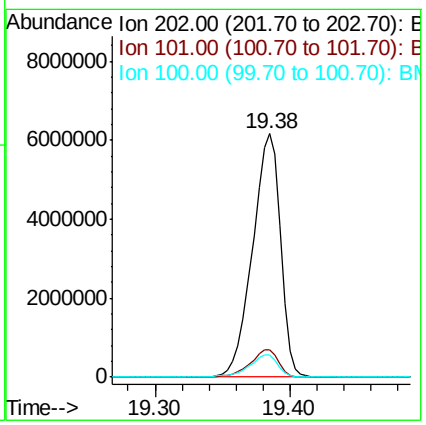
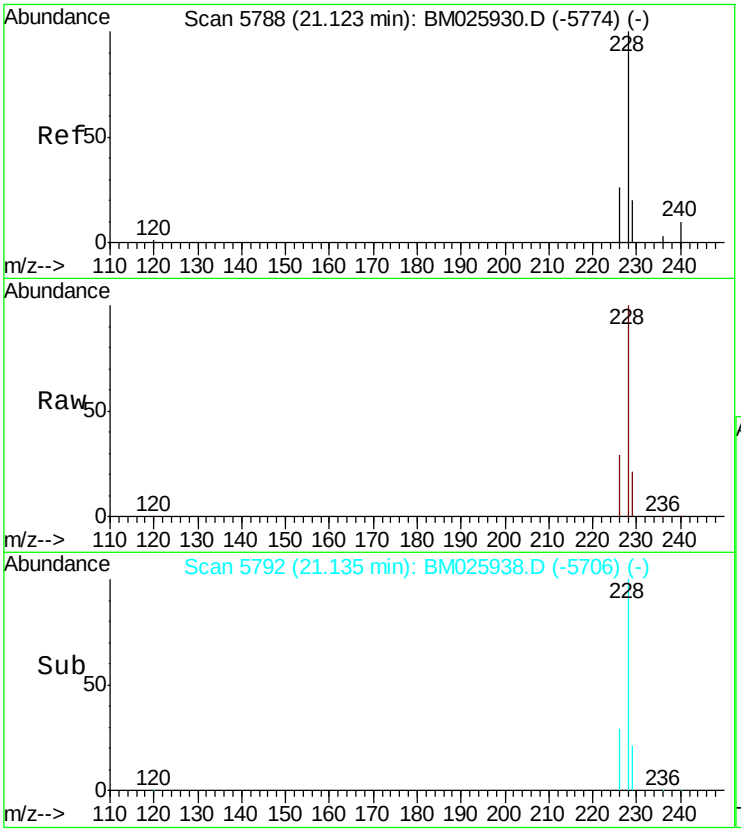


#17
Pyrene
Concen: 49.432 ng/ul
RT: 19.38 min Scan# 5238
Delta R.T. 0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:202 Resp: 8703693

Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.5	11.3
100	9.2	6.3	9.5

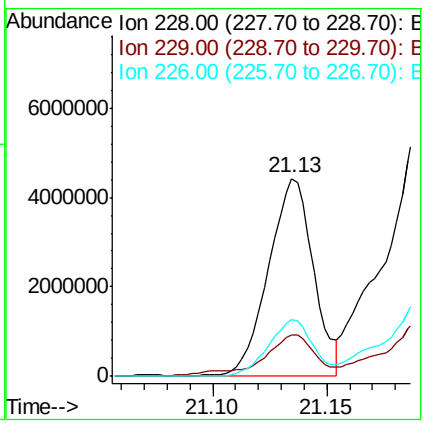




#18
Benzo(a)anthracene
Concen: 34.027 ng/ul
RT: 21.13 min Scan# 5792
Delta R.T. 0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:228 Resp: 5979890

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	28.8	20.9	31.3



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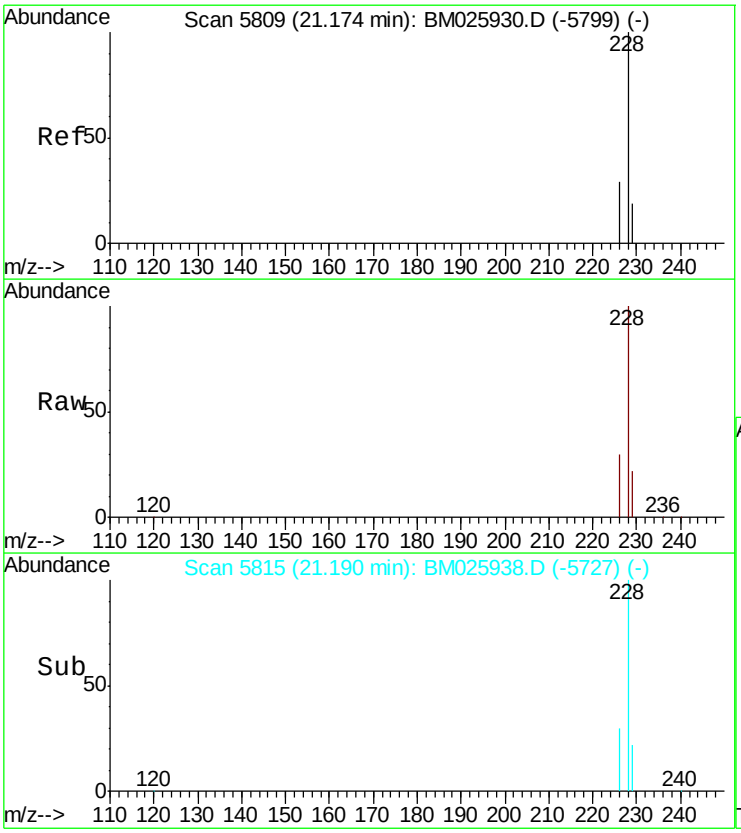
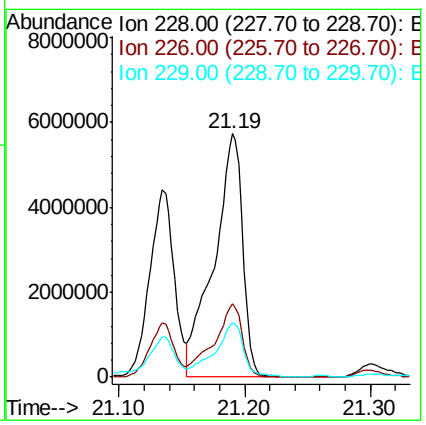
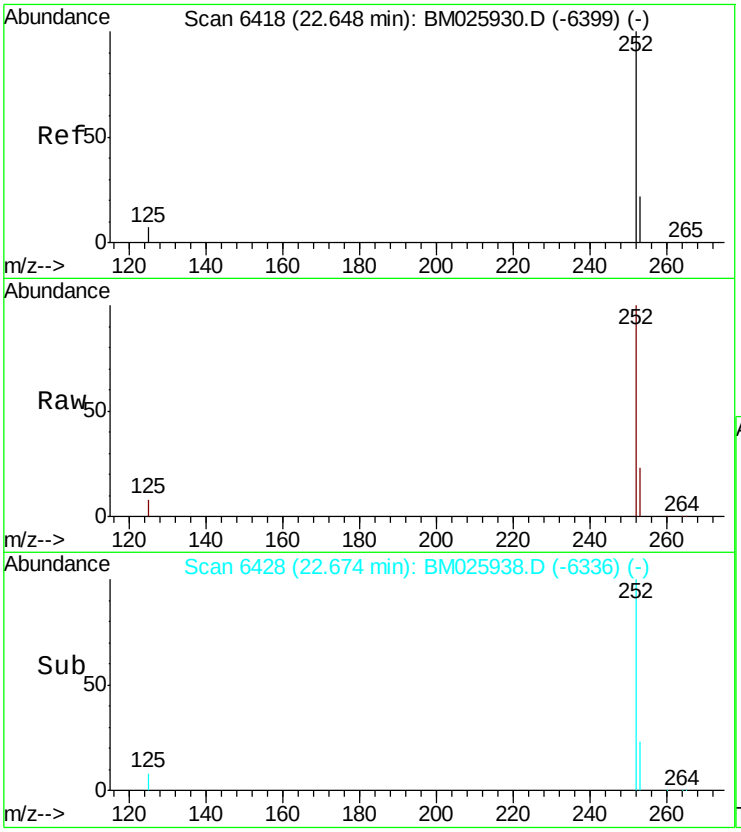


#19
Chrysene
Concen: 47.131 ng/ul
RT: 21.19 min Scan# 5815
Delta R.T. 0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:228 Resp: 9040437

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.9	34.3
229	22.3	15.8	23.8

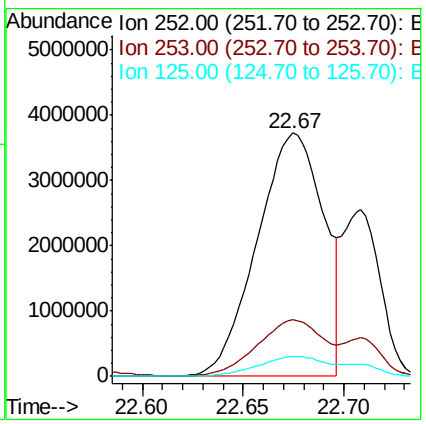




#21
Benzo(b)fluoranthene
Concen: 51.396 ng/ul m
RT: 22.67 min Scan# 6428
Delta R.T. 0.02 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:252 Resp: 8549491

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	46.6
125	8.1	0.0	15.4



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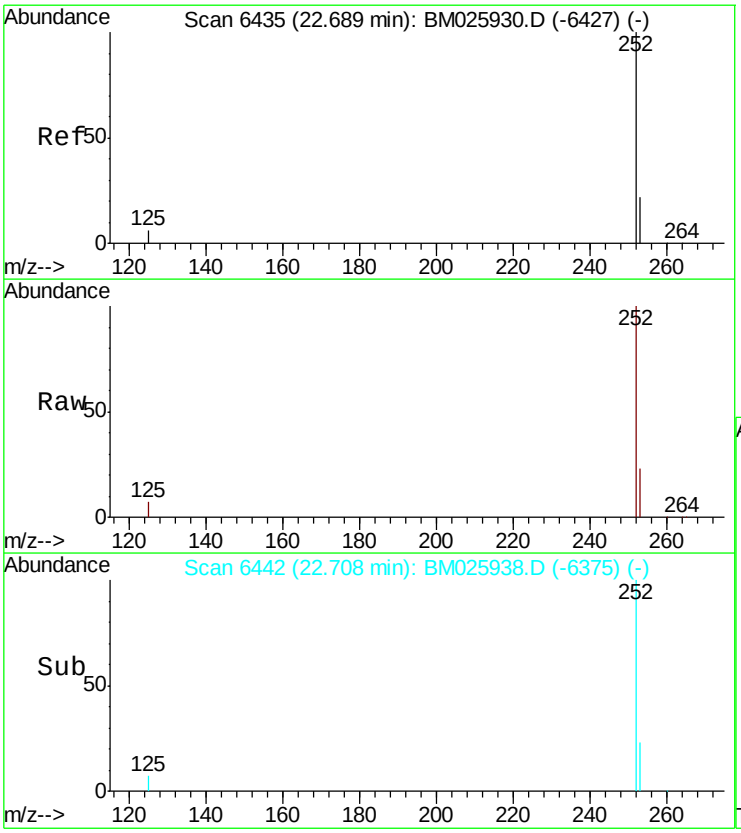
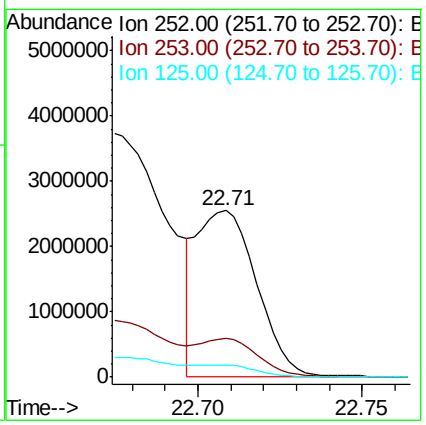
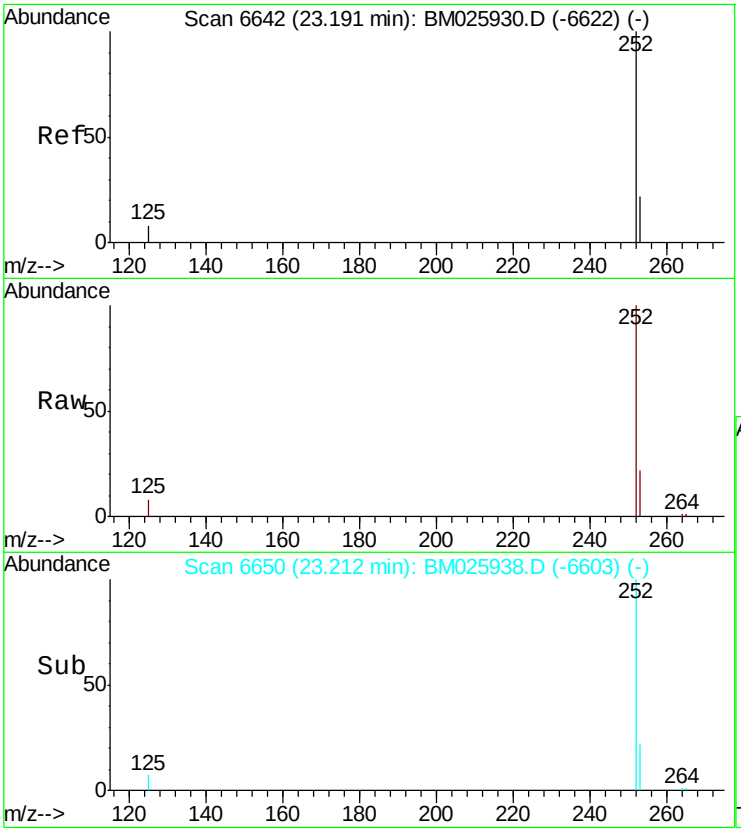


#22
Benzo(k)fluoranthene
Concen: 18.326 ng/ul m
RT: 22.71 min Scan# 6442
Delta R.T. 0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:252 Resp: 3268776

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.4
125	7.5	6.7	10.1

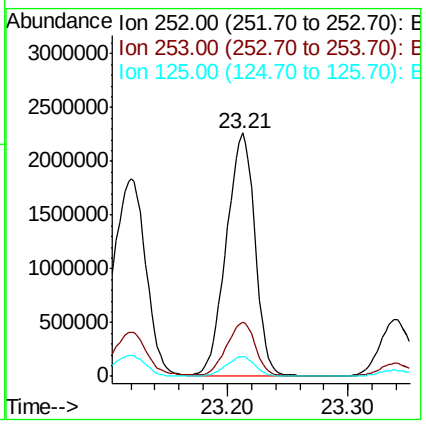




#23
Benzo(a)pyrene
Concen: 24.933 ng/ul
RT: 23.21 min Scan# 6650
Delta R.T. 0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:252 Resp: 3706424

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	8.1	7.4	11.0



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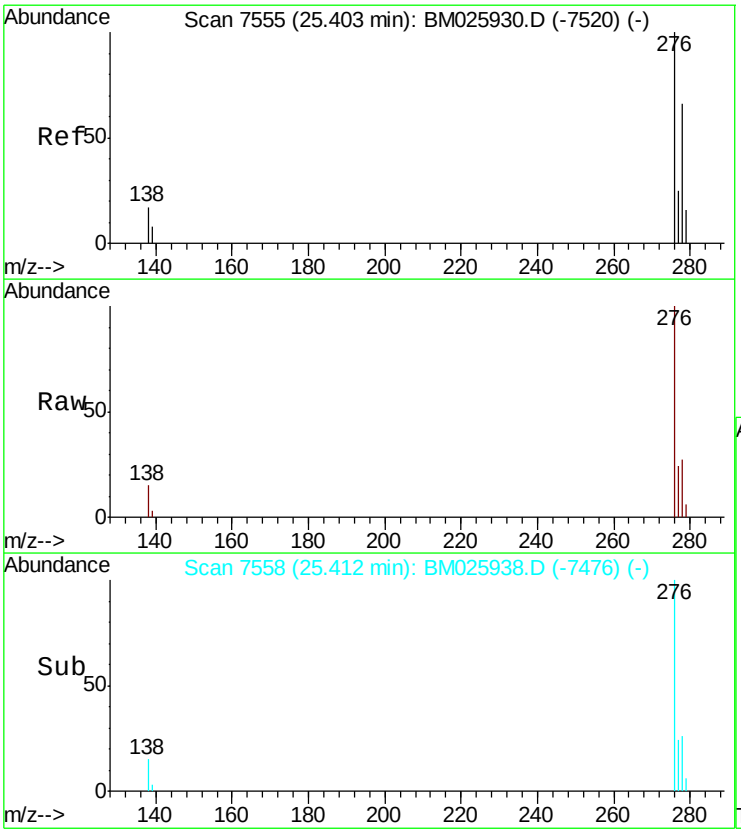
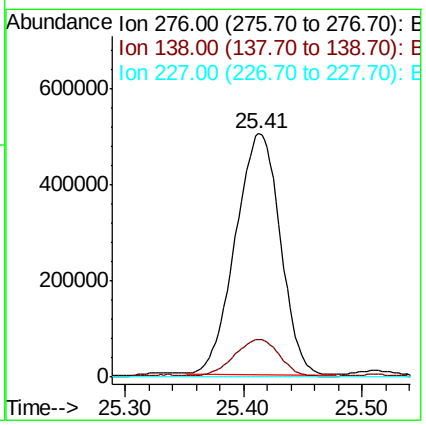
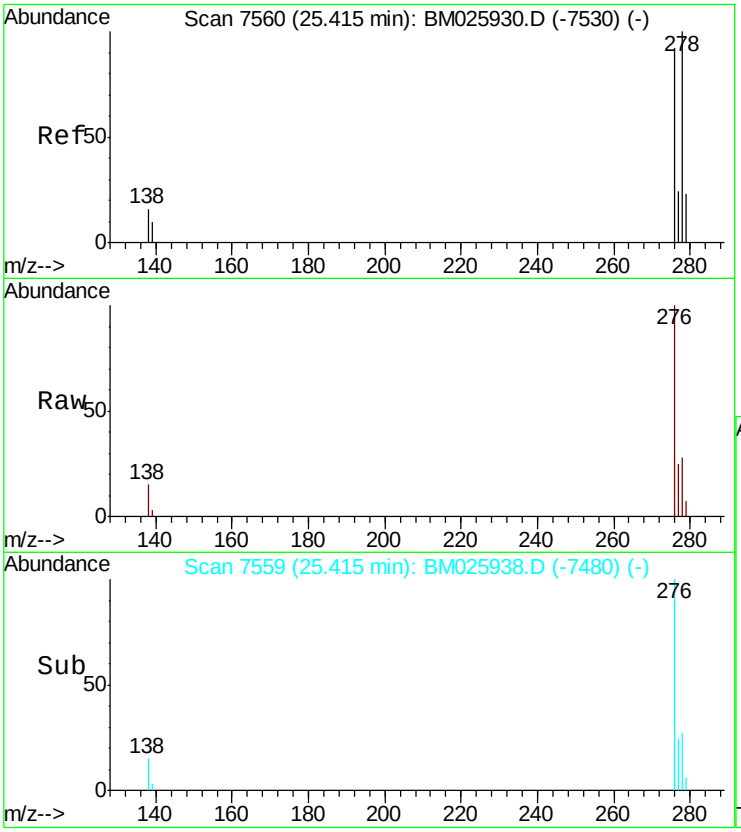


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.639 ng/ul
RT: 25.41 min Scan# 7558
Delta R.T. -0.00 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:276 Resp: 1321729

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

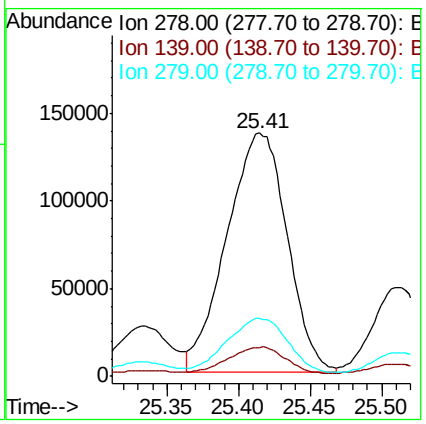




#25
Dibenzo(a,h)anthracene
Concen: 2.411 ng/ul
RT: 25.41 min Scan# 7559
Delta R.T. -0.01 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

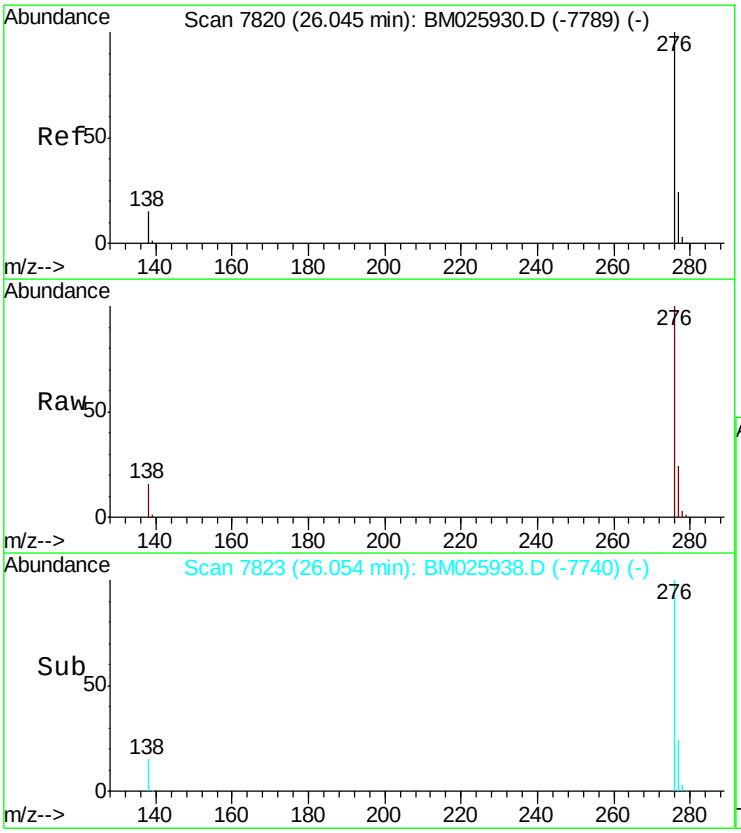
Tgt Ion:278 Resp: 400701

Ion	Ratio	Lower	Upper
278	100		
139	11.8	8.9	13.3
279	24.0	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
F3E06RE

Manual Integrations APPROVED
mohammad
4/6/2020 1:41:56 PM



#26
Benzo(g,h,i)perylene
Concen: 4.311 ng/ul
RT: 26.05 min Scan# 7823
Delta R.T. -0.00 min
Lab File: BM025938.D
Acq: 04 Apr 2020 06:48

Tgt Ion:276 Resp: 725978

Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.8	17.8
277	24.0	19.2	28.8