Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025644.D
Acq On : 19 Mar 2020 00:46
Operator : CG/JU
Sample : L1786-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
3/19/2020 12:43:54 PM

Quant Time: Mar 19 02:40:43 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 : Thu Mar 19 00:21:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3082	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	12511	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	8034	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	18651	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	18819	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	19653	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	739	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1948	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	8138	0.220	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	1754	0.066	ng/ul	100
7) Acenaphthylene	13.94	152	6085	0.185	ng/ul#	87
9) Fluorene	15.27	166	3401	0.097	ng/ul	98
12) Phenanthrene	17.00	178	31675	0.536	ng/ul	99
13) Anthracene	17.09	178	9504	0.185	ng/ul	99
15) Fluoranthene	19.03	202	48808	0.762	ng/ul	98
17) Pyrene	19.38	202	36220	0.429	ng/ul	97
18) Benzo(a)anthracene	21.14	228	30467	0.453	ng/ul	98
19) Chrysene	21.19	228	26360	0.349	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	32042m	0.412	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	15783m	0.194	ng/ul	
23) Benzo(a)pyrene	23.21	252	17661	0.273	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.43	276	12696	0.145	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.43	278	4392	0.060	ng/ul#	76
26) Benzo(g,h,i)perylene	26.07	276	7011	0.092	ng/ul#	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025644.D
Acq On : 19 Mar 2020 00:46
Operator : CG/JU
Sample : L1786-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 19 02:40:43 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 : Thu Mar 19 00:21:10 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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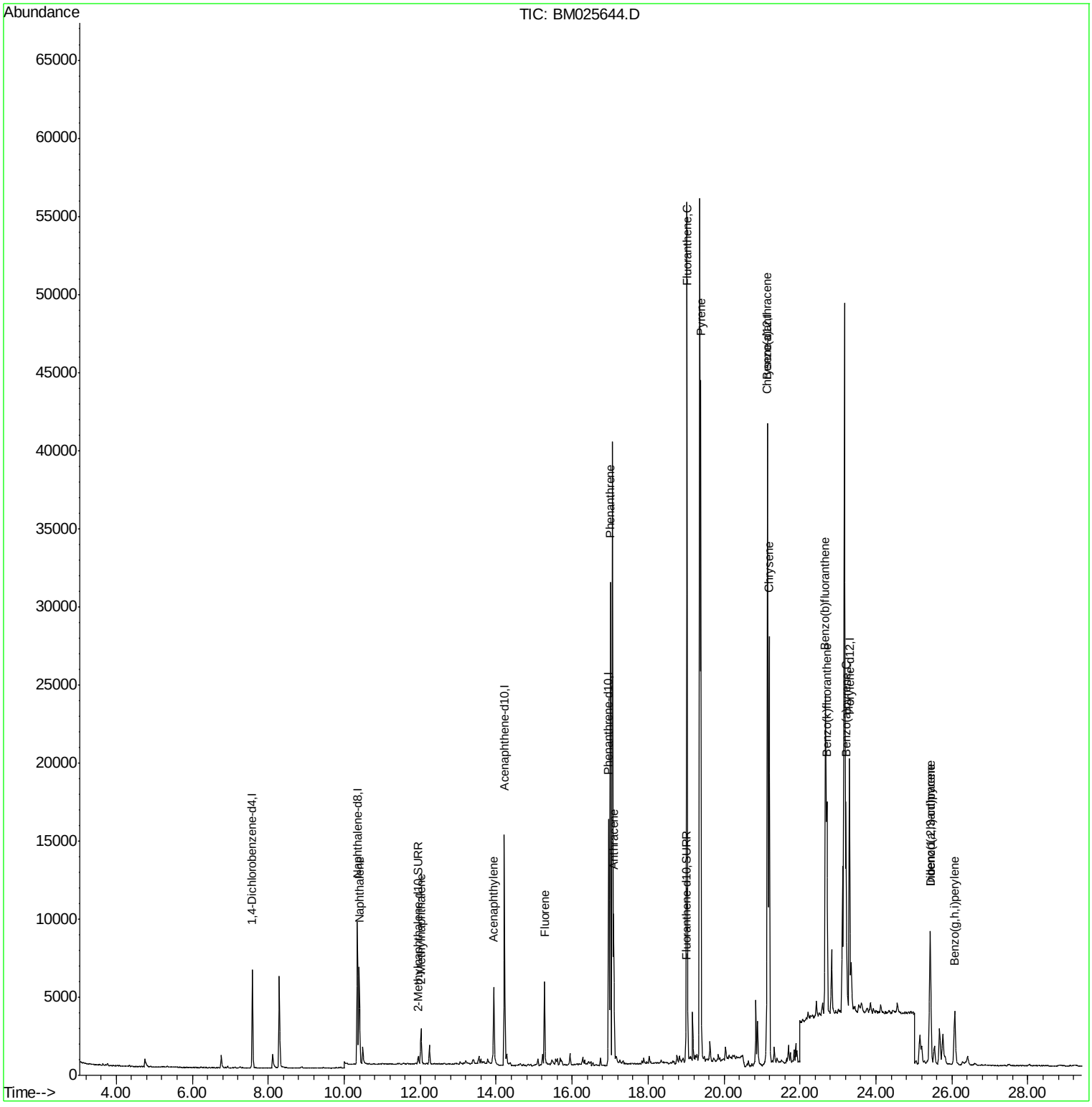
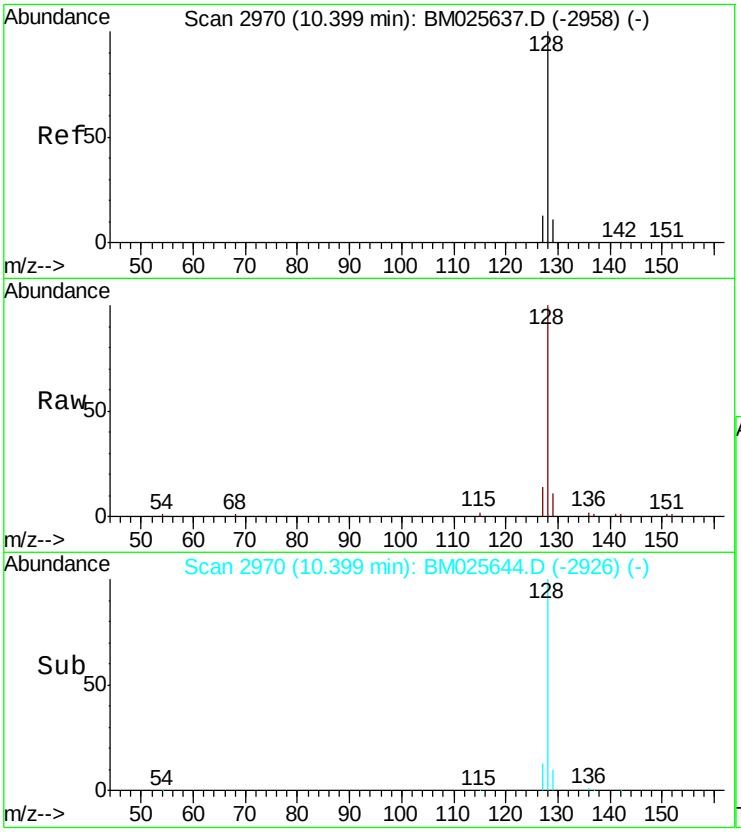
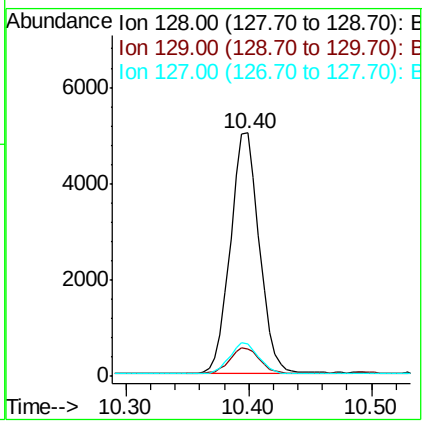




#3
Naphthalene
Concen: 0.220 ng/ul
RT: 10.40 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:128 Resp: 8138

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.6	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
C0AC6DL

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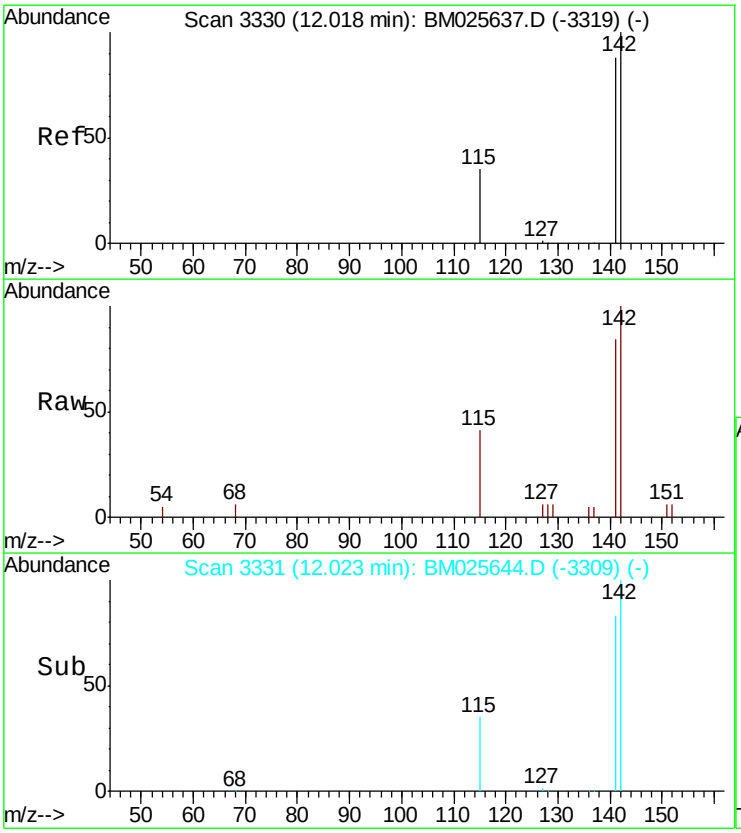
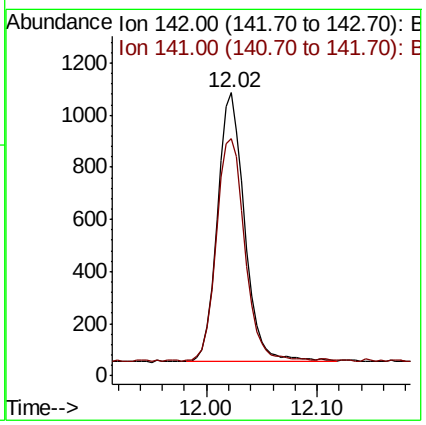
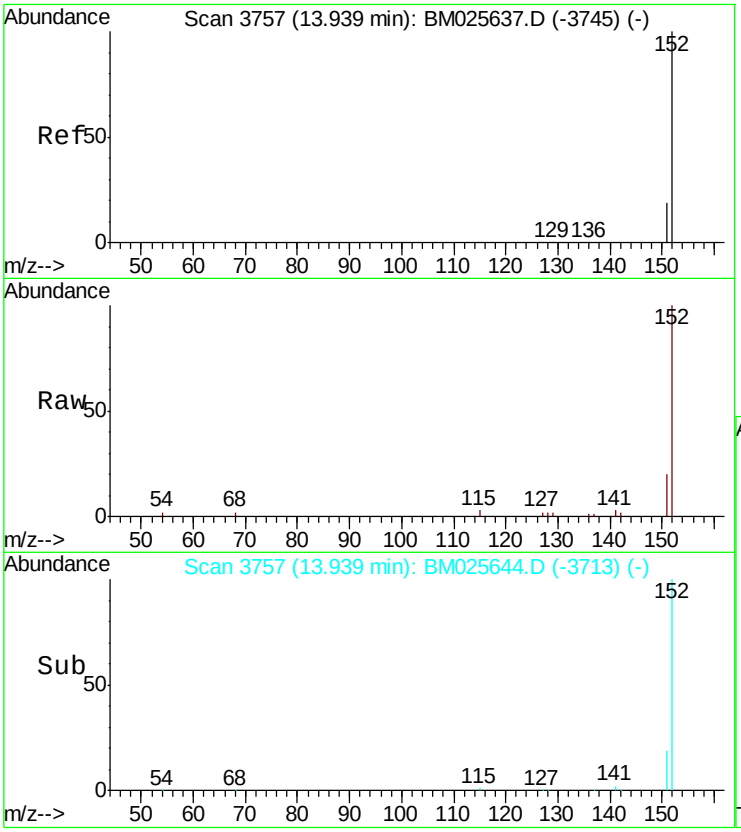


#5
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.02 min Scan# 3331
Delta R.T. -0.00 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:142 Resp: 1754

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6

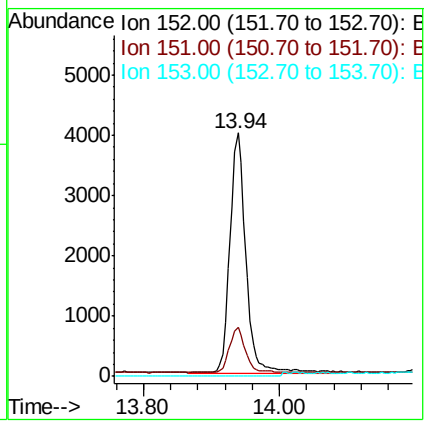




#7
Acenaphthylene
Concen: 0.185 ng/ul
RT: 13.94 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:152 Resp: 6085

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	0.0	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
C0AC6DL

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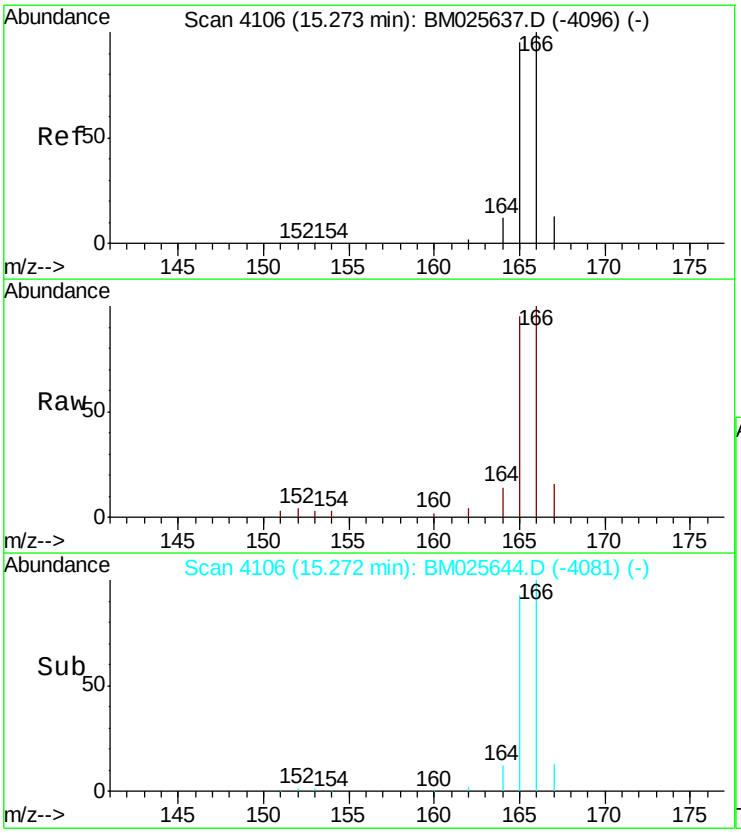
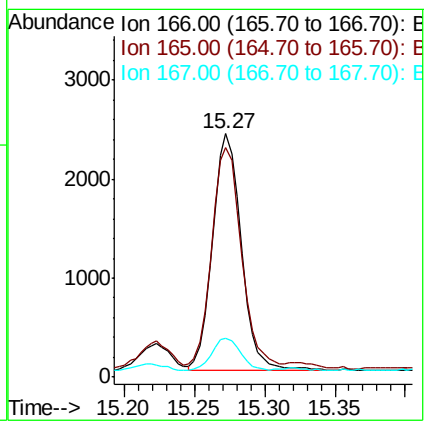
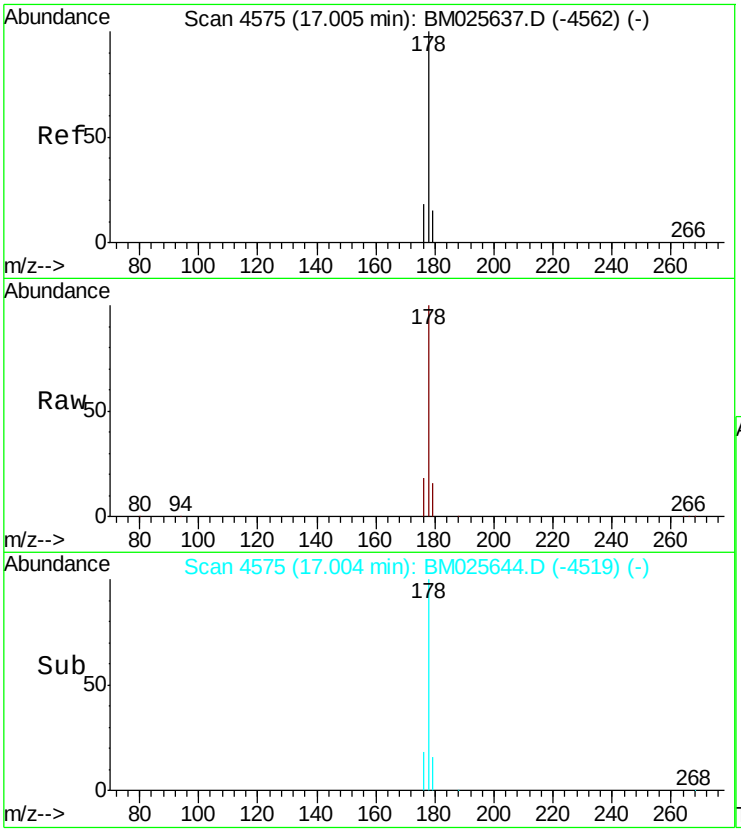


#9
Fluorene
Concen: 0.097 ng/ul
RT: 15.27 min Scan# 4106
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:166 Resp: 3401

Ion	Ratio	Lower	Upper
166	100		
165	94.5	76.8	115.2
167	15.9	11.2	16.8

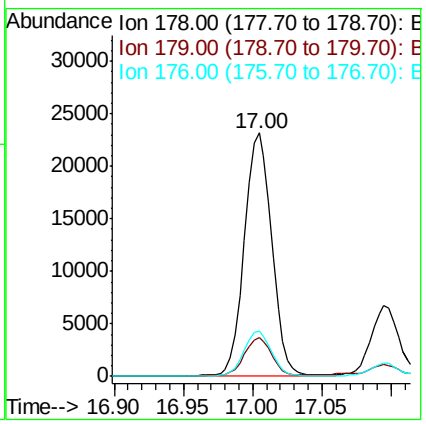




#12
Phenanthrene
Concen: 0.536 ng/ul
RT: 17.00 min Scan# 4575
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:178 Resp: 31675

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.3	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
C0AC6DL

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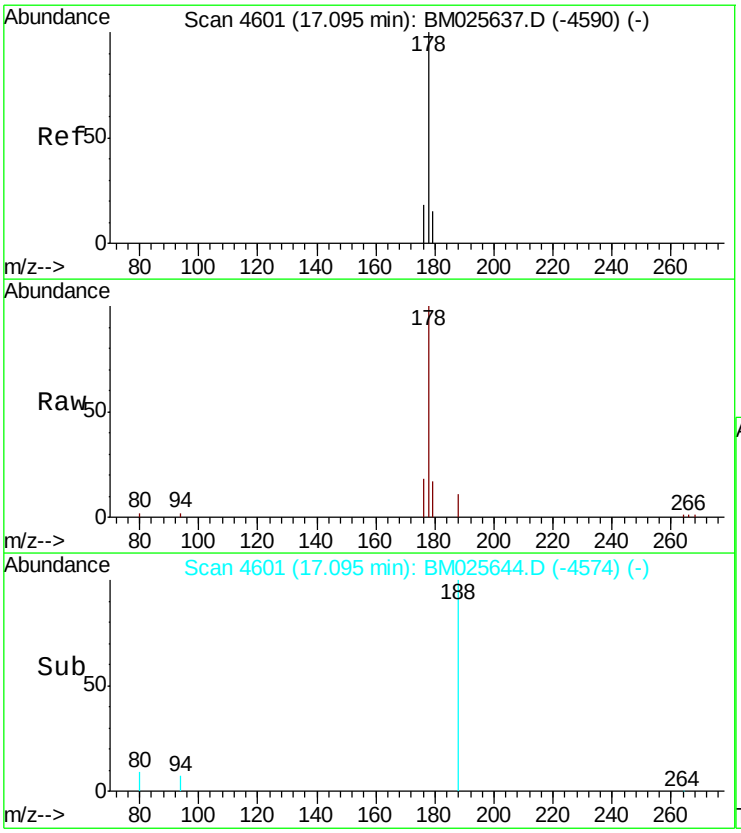
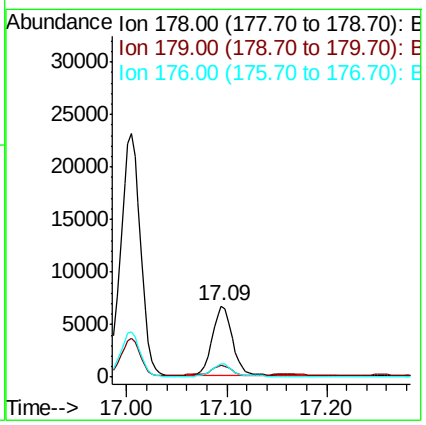
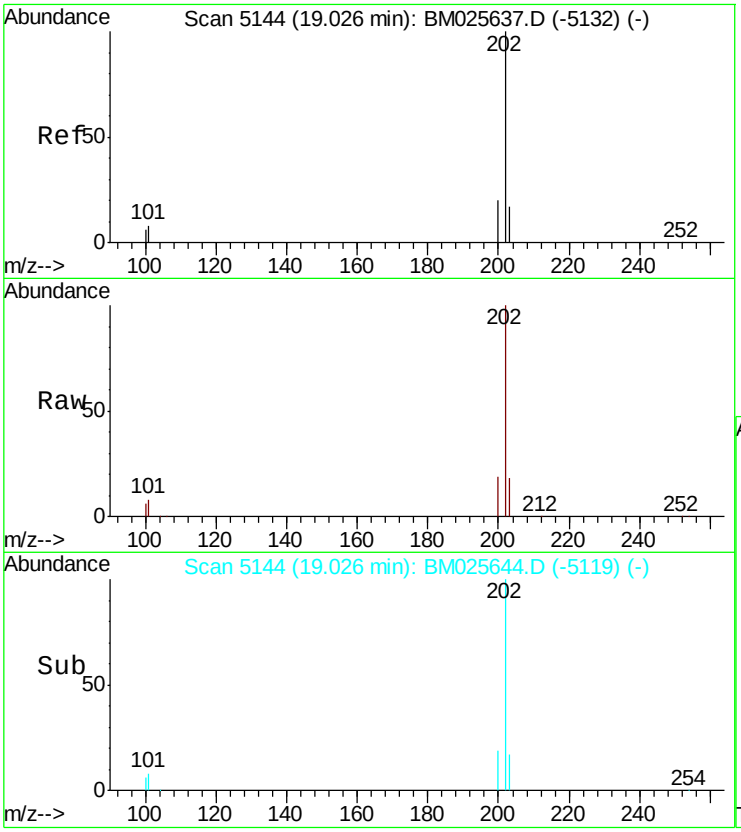


#13
Anthracene
Concen: 0.185 ng/ul
RT: 17.09 min Scan# 4601
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:178 Resp: 9504

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	18.0	14.5	21.7

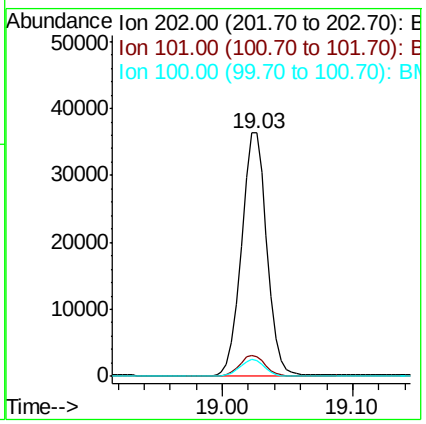




#15
Fluoranthene
Concen: 0.762 ng/ul
RT: 19.03 min Scan# 5144
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:202 Resp: 48808

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	27.5
100	6.5	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
C0AC6DL

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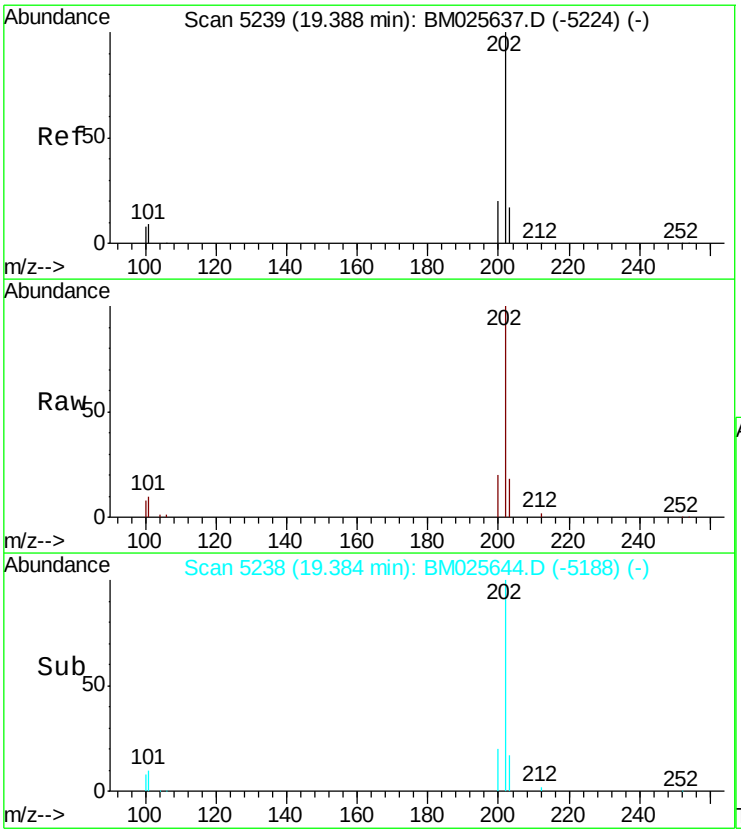
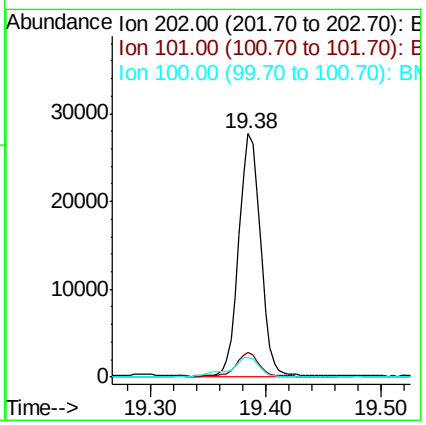
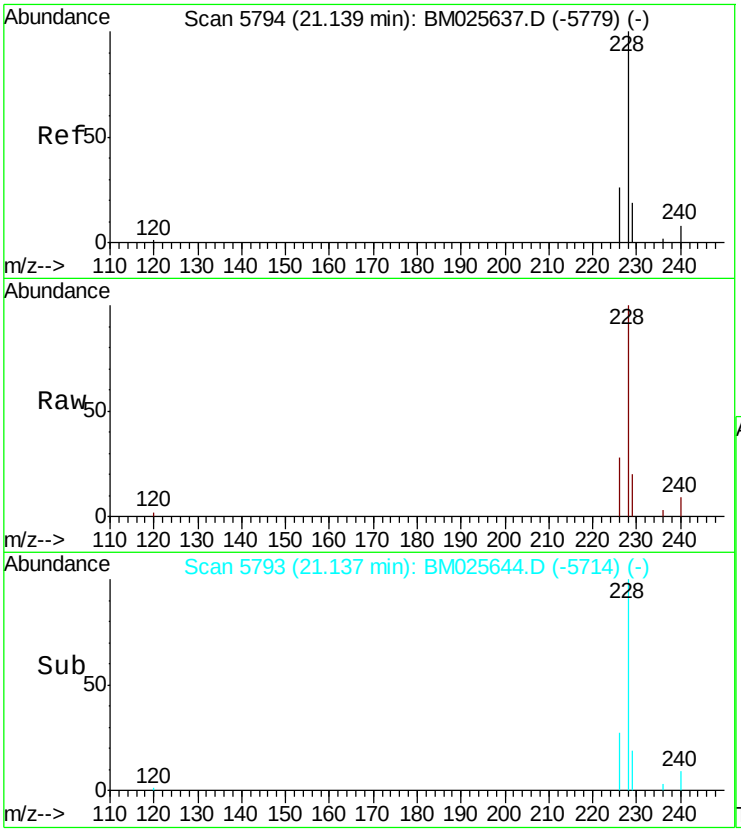


#17
Pyrene
Concen: 0.429 ng/ul
RT: 19.38 min Scan# 5238
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:202 Resp: 36220

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.1	10.7
100	8.3	6.0	9.0

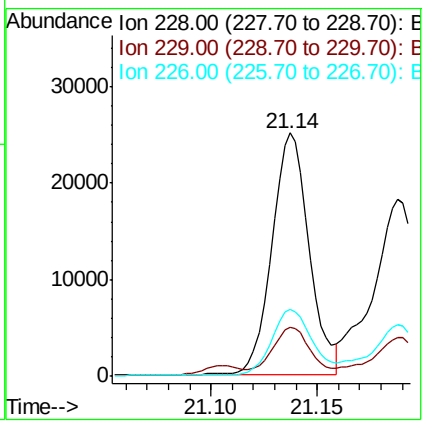




#18
Benzo(a)anthracene
Concen: 0.453 ng/ul
RT: 21.14 min Scan# 5793
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:228 Resp: 30467

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
C0AC6DL

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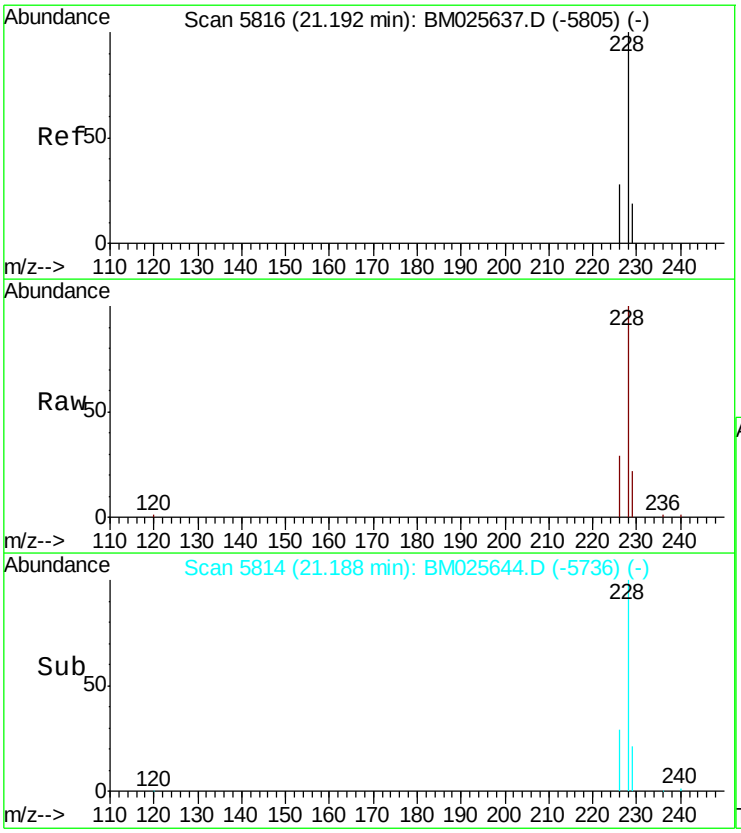
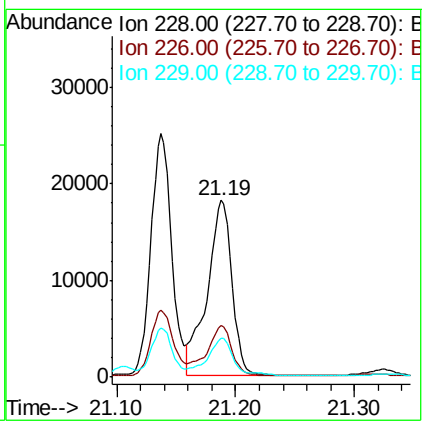
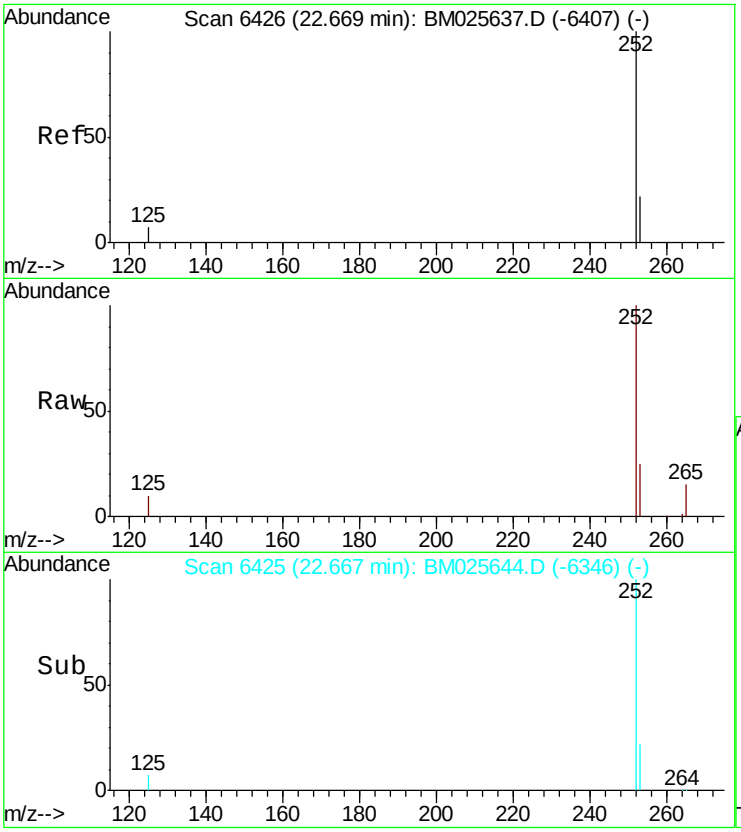


#19
Chrysene
Concen: 0.349 ng/ul
RT: 21.19 min Scan# 5814
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:228 Resp: 26360

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	22.0	16.3	24.5

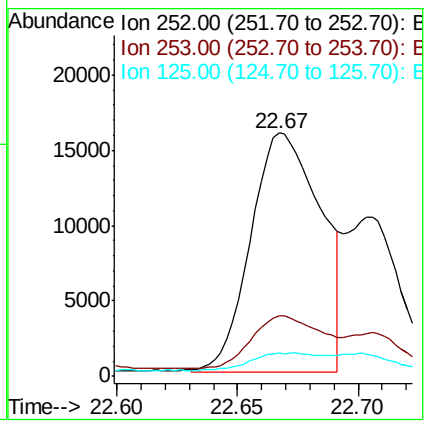




#21
Benzo(b)fluoranthene
Concen: 0.412 ng/ul m
RT: 22.67 min Scan# 6425
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:252 Resp: 32042

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	50.2
125	9.7	0.0	17.6



Instrument :
BNA_M
ClientSampleId :
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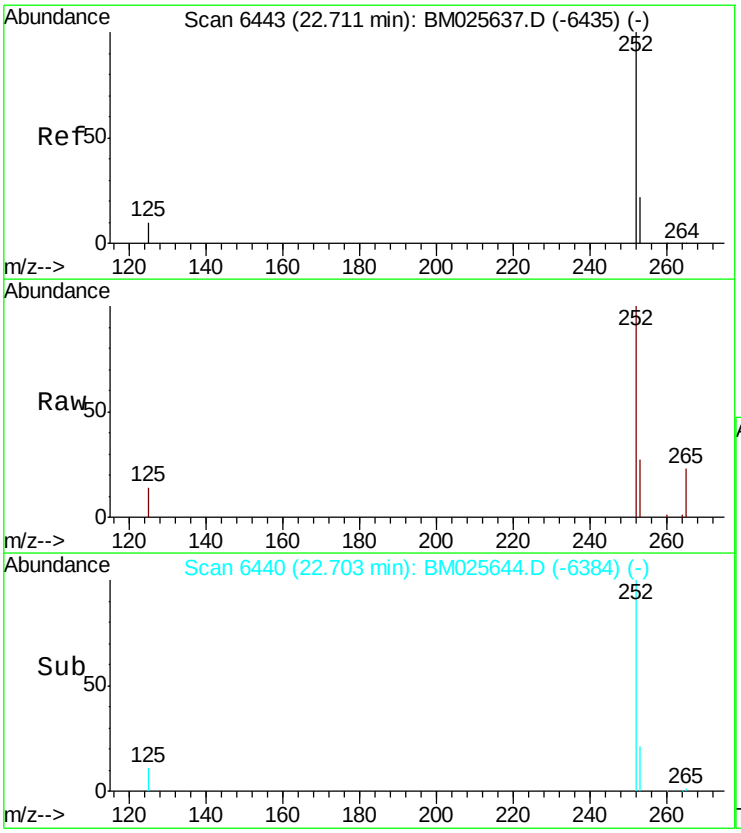
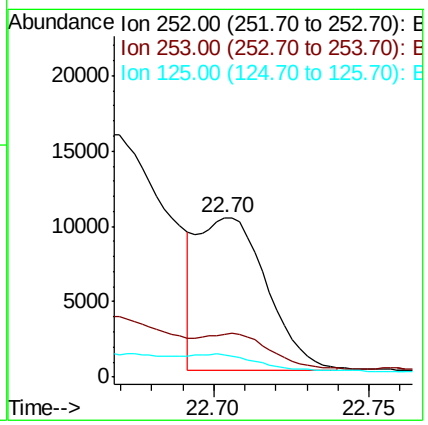
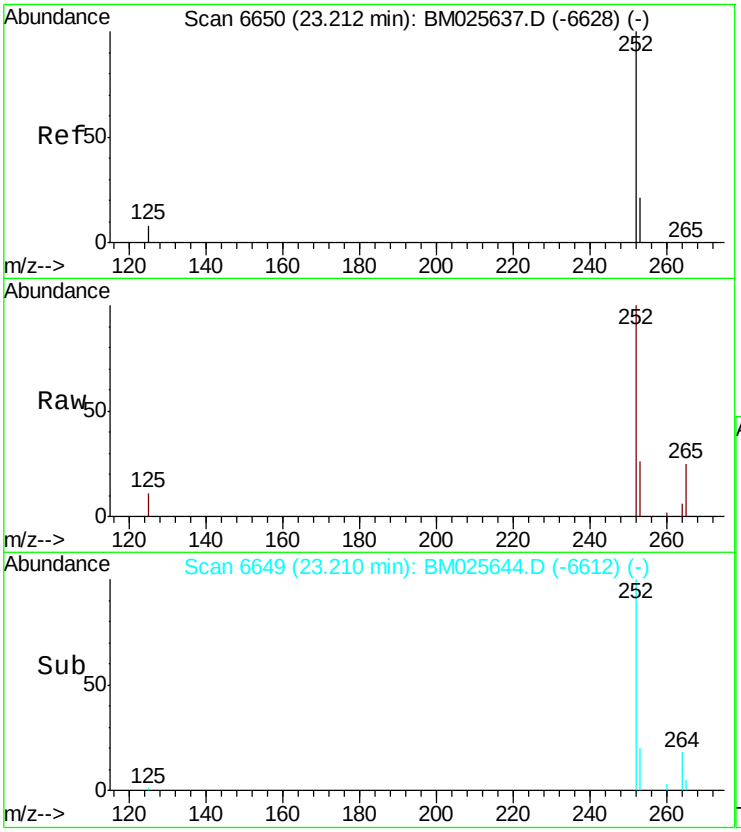


#22
Benzo(k)fluoranthene
Concen: 0.194 ng/ul m
RT: 22.70 min Scan# 6440
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:252 Resp: 15783

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.8	29.8
125	14.0	7.1	10.7#





#23
Benzo(a)pyrene
Concen: 0.273 ng/ul
RT: 23.21 min Scan# 6649
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:252 Resp: 17661

Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.3	31.9
125	11.1	8.5	12.7

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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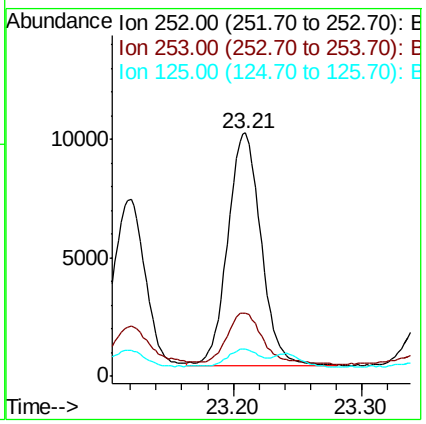
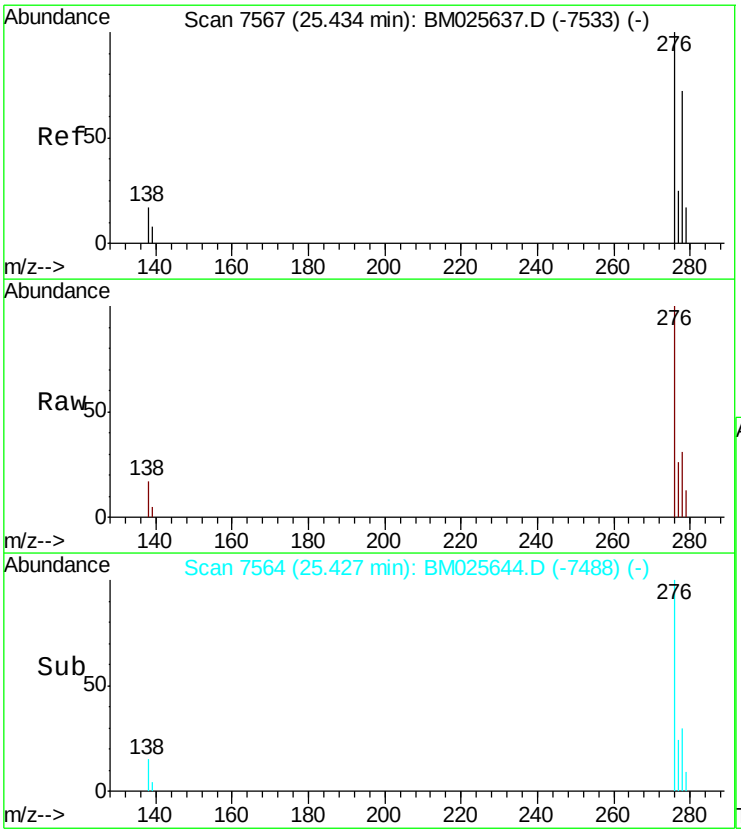
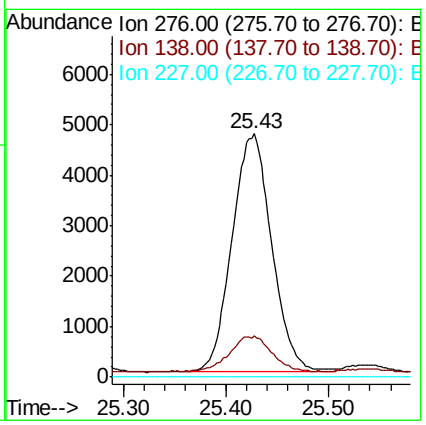


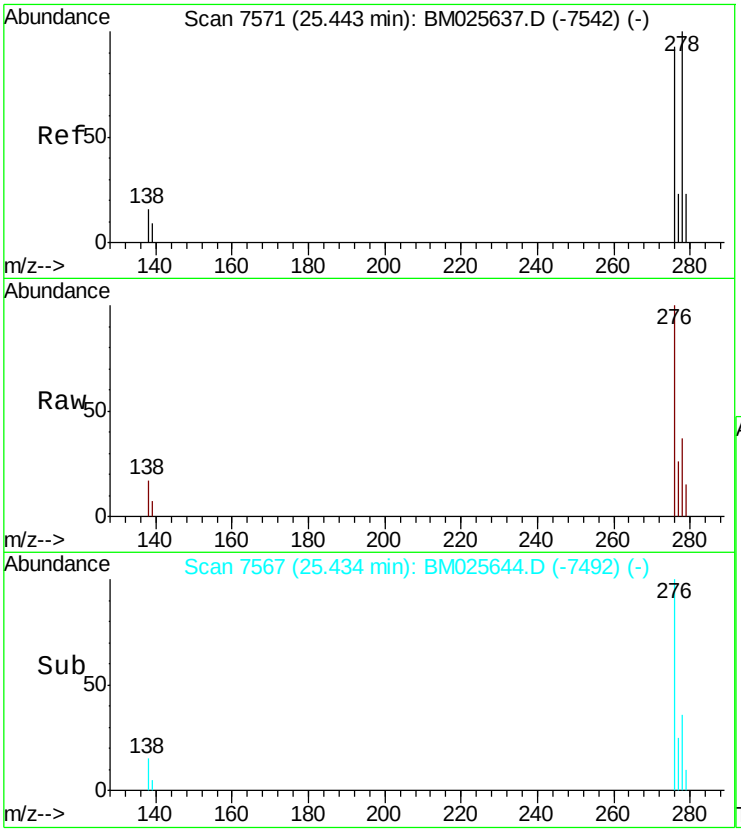


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 25.43 min Scan# 7564
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:276 Resp: 12696

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.3	18.5
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.43 min Scan# 7567
Delta R.T. -0.02 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:278 Resp: 4392

Ion	Ratio	Lower	Upper
278	100		
139	18.0	9.0	13.6#
279	40.1	21.1	31.7#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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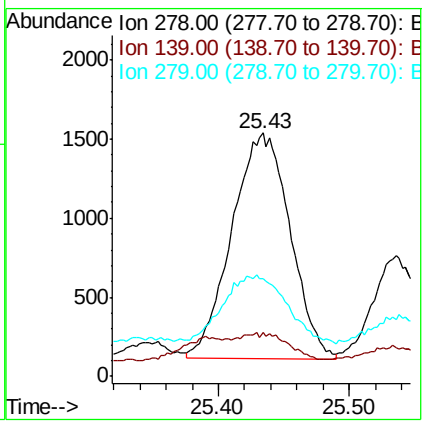

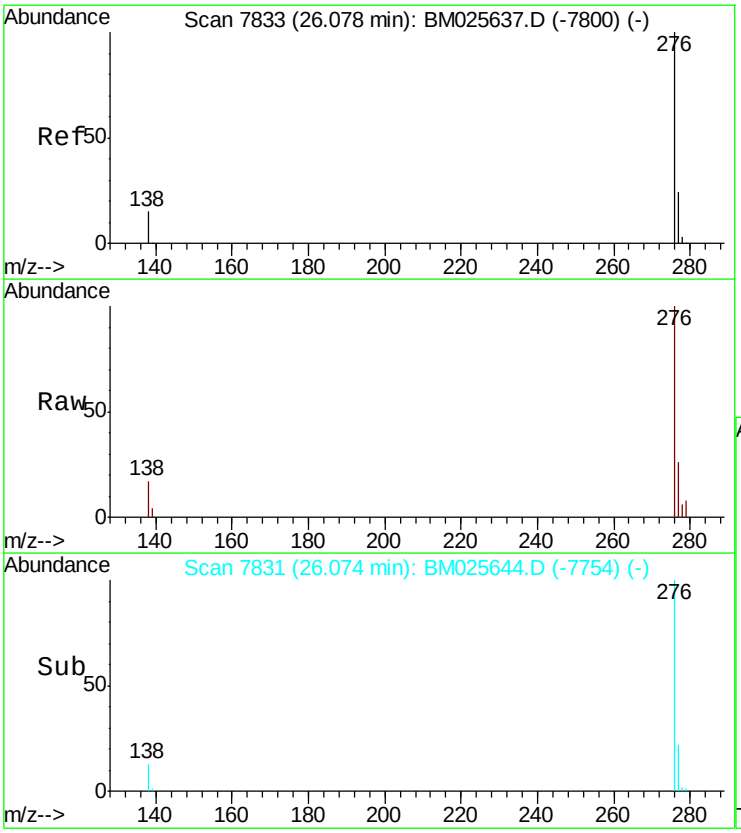

#26
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.07 min Scan# 7831
Delta R.T. -0.01 min
Lab File: BM025644.D
Acq: 19 Mar 2020 00:46

Tgt Ion:276 Resp: 7011

Ion	Ratio	Lower	Upper
276	100		
138	17.0	11.0	16.4#
277	26.2	19.8	29.6