Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025348.D
Acq On : 07 Mar 2020 14:04
Operator : CG/JU
Sample : L1615-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 07 21:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDN2

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4524	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	14721	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	31913	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	29537	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	31475	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3951	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	9032	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	9533	0.157	ng/ul#	85
5) 2-Methylnaphthalene	12.10	142	6172	0.139	ng/ul	100
7) Acenaphthylene	14.01	152	196350	2.848	ng/ul#	93
8) Acenaphthene	14.36	153	36801	0.688	ng/ul	97
9) Fluorene	15.34	166	101391	1.513	ng/ul	96
11) Pentachlorophenol	16.70	266	351	0.042	ng/ul	94
12) Phenanthrene	17.08	178	2645063	25.703	ng/ul	95
13) Anthracene	17.17	178	2459367	26.929	ng/ul	95
15) Fluoranthene	19.11	202	13405351	104.080	ng/ul	97
17) Pyrene	19.47	202	16108716	143.801	ng/ul#	91
18) Benzo(a)anthracene	21.22	228	5642904	51.974	ng/ul	97
19) Chrysene	21.27	228	7770106	65.133	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	7912141m	62.830	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	2661708m	20.155	ng/ul	
23) Benzo(a)pyrene	23.33	252	3684307	34.847	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.60	276	1693526	12.851	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	455909m	4.175	ng/ul	
26) Benzo(g,h,i)perylene	26.26	276	1039937	9.292	ng/ul#	91

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

Quantitation Report (QT Reviewed)

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ALS Vial : 34 Sample Multiplier: 1

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QLast Update : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDN2

Manual Integrations APPROVED
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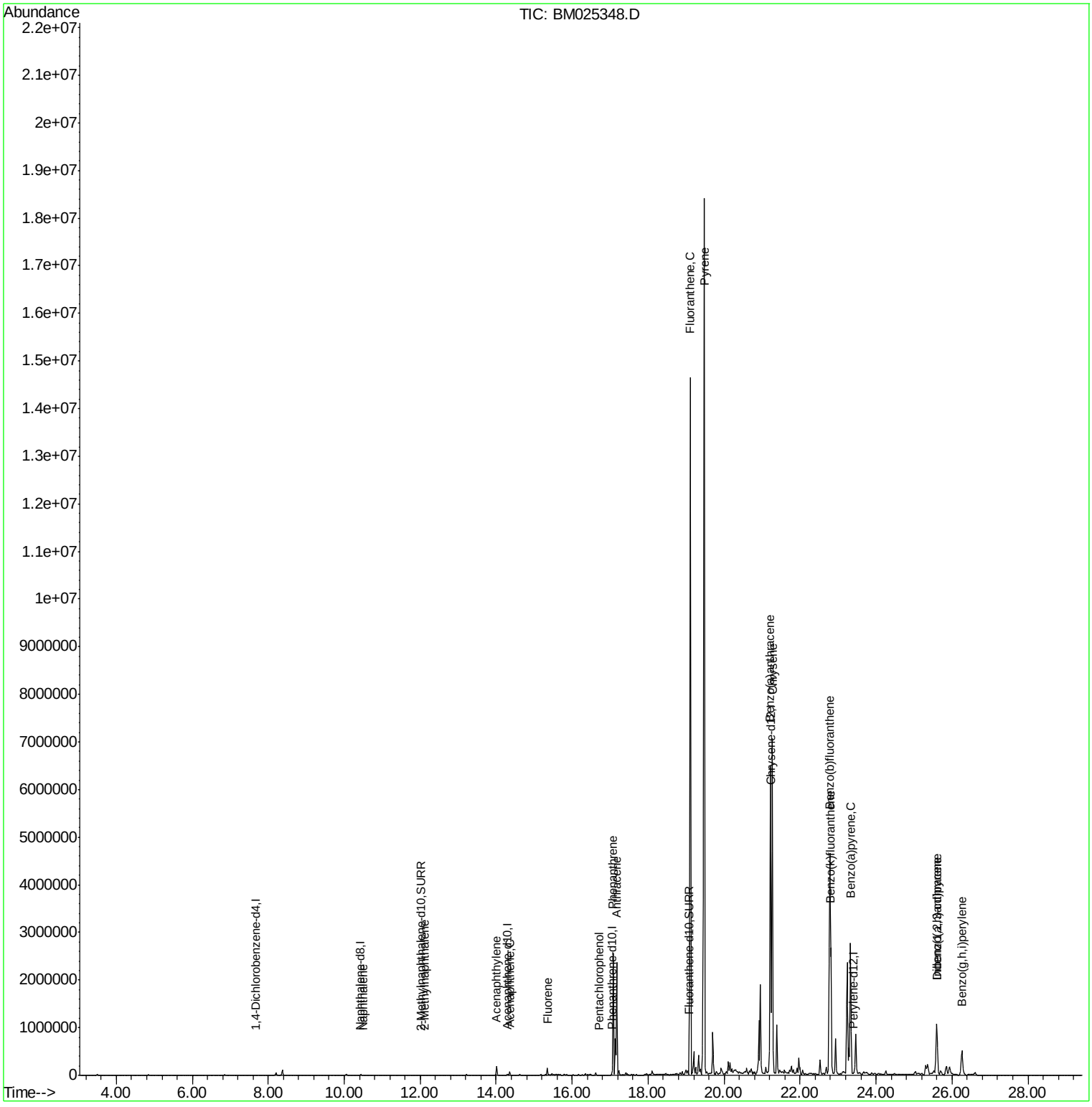

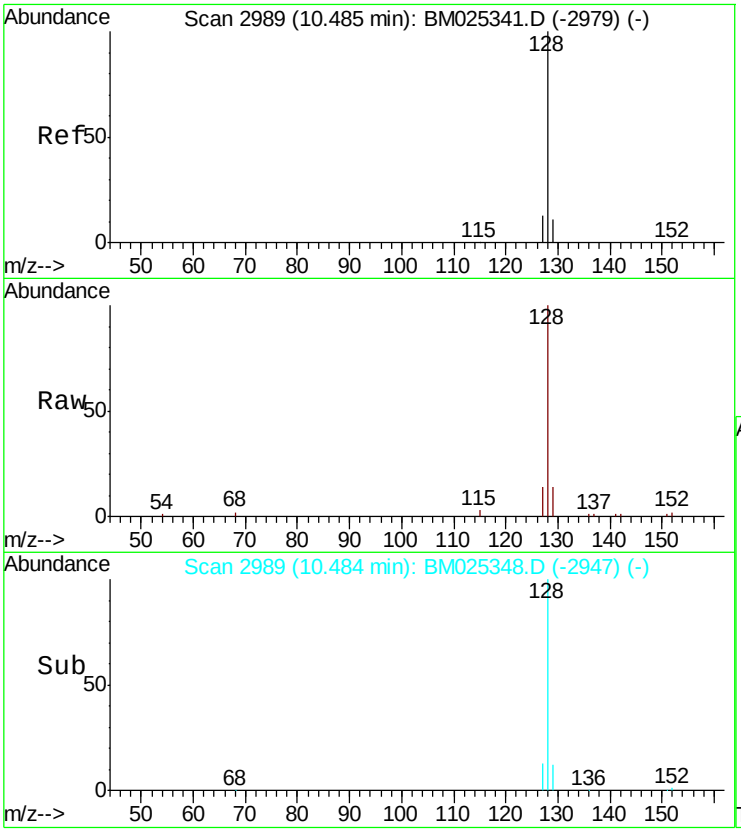

#3
Naphthalene
Concen: 0.157 ng/ul
RT: 10.48 min Scan# 2989
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:128 Resp: 9533

Ion	Ratio	Lower	Upper
128	100		
129	13.7	17.0	25.6#
127	13.7	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
DBDN2

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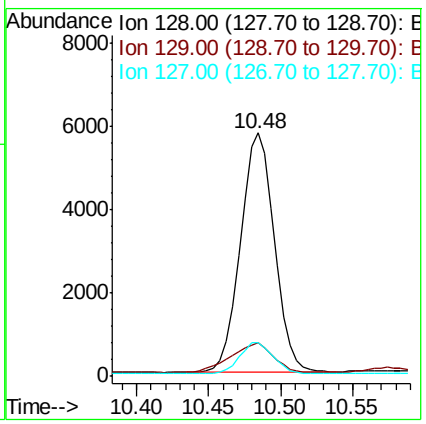
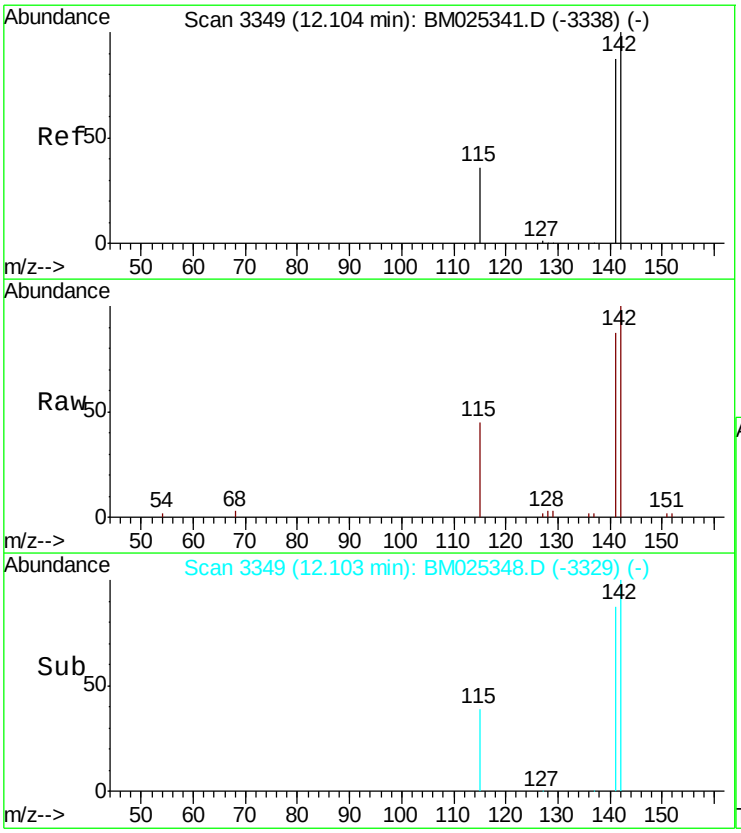
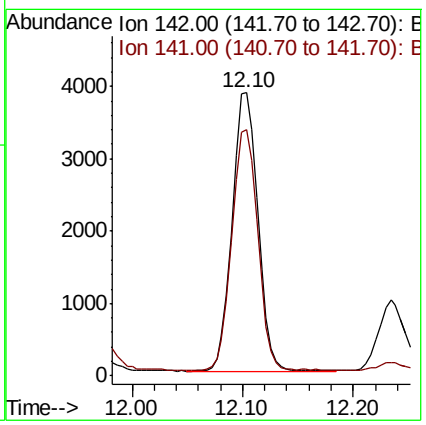


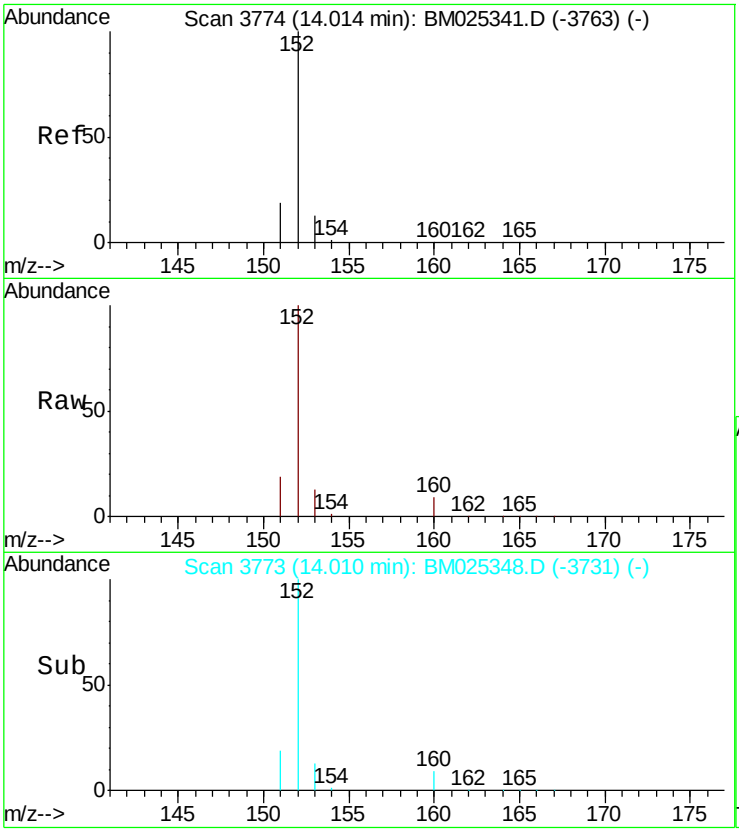


#5
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.10 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:142 Resp: 6172

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.8

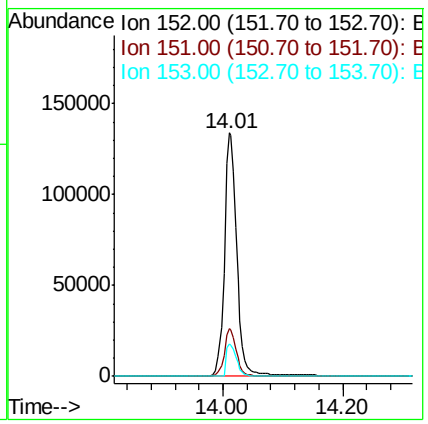




#7
Acenaphthylene
Concen: 2.848 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:152 Resp: 196350

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.8	26.8
153	13.2	13.3	19.9#



Instrument :
BNA_M
ClientSampleId :
DBDN2

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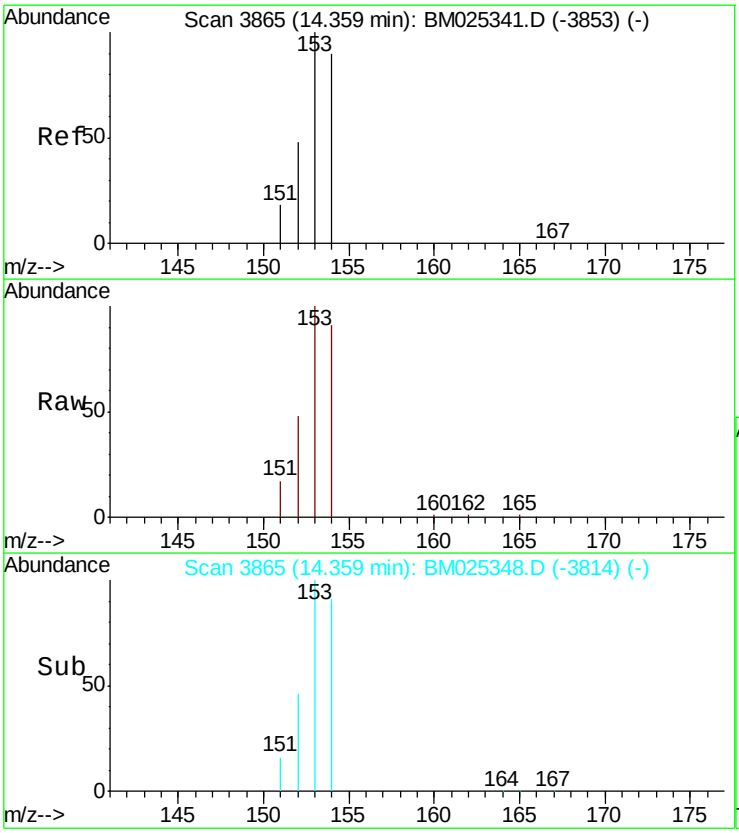
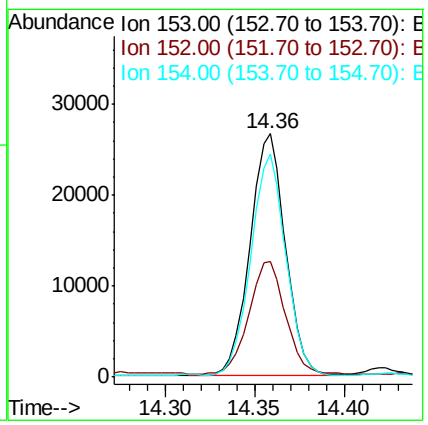
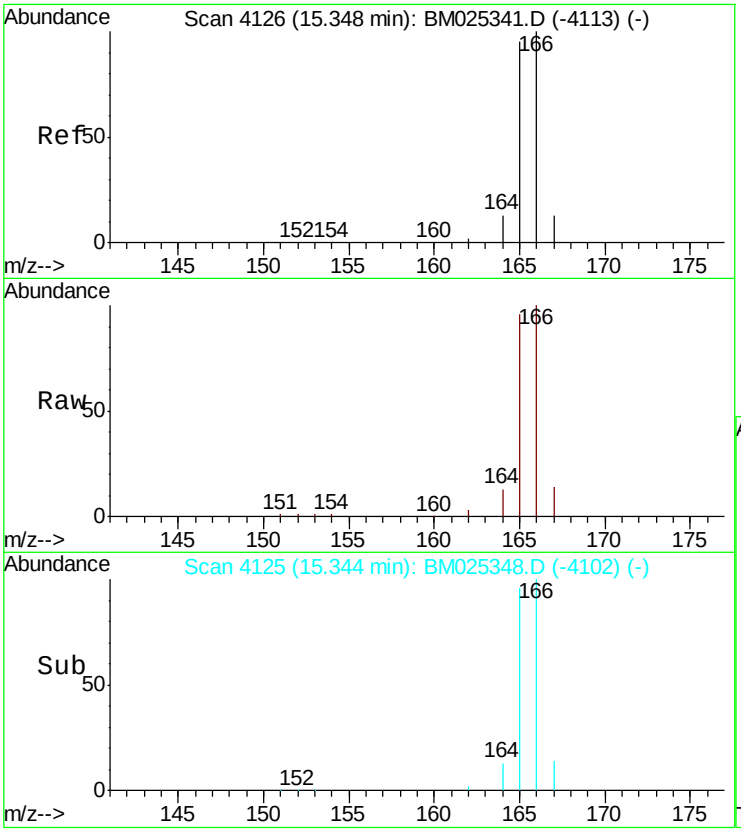


#8
Acenaphthene
Concen: 0.688 ng/ul
RT: 14.36 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:153 Resp: 36801

Ion	Ratio	Lower	Upper
153	100		
152	47.7	40.0	60.0
154	91.4	71.0	106.6

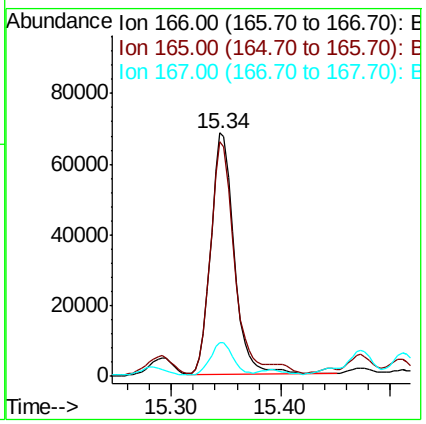




#9
Fluorene
Concen: 1.513 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:166 Resp: 101391

Ion	Ratio	Lower	Upper
166	100		
165	96.4	80.0	120.0
167	14.0	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
DBDN2

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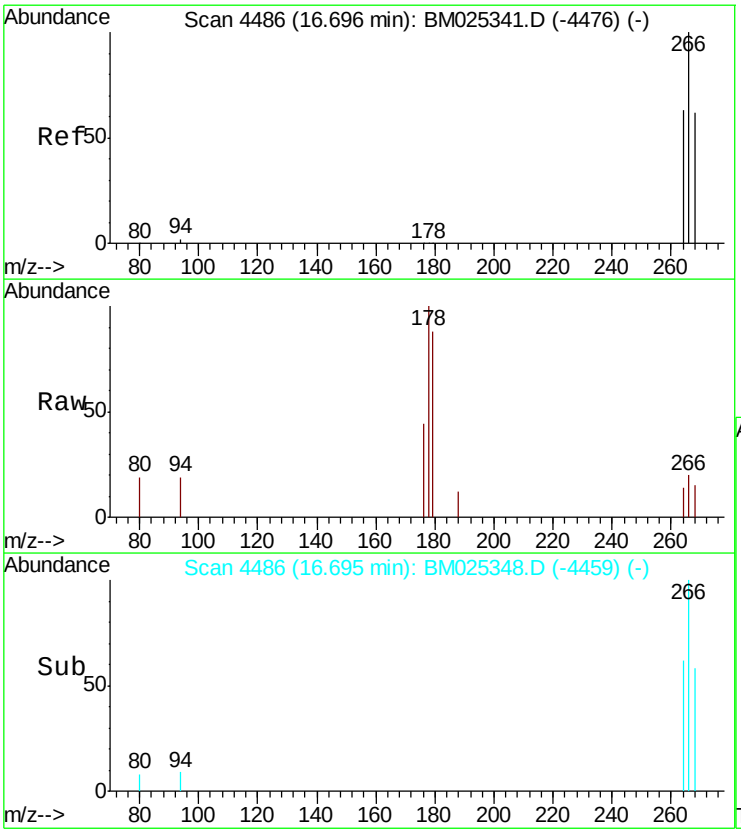
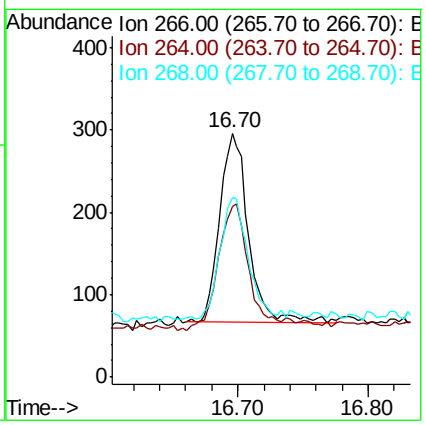
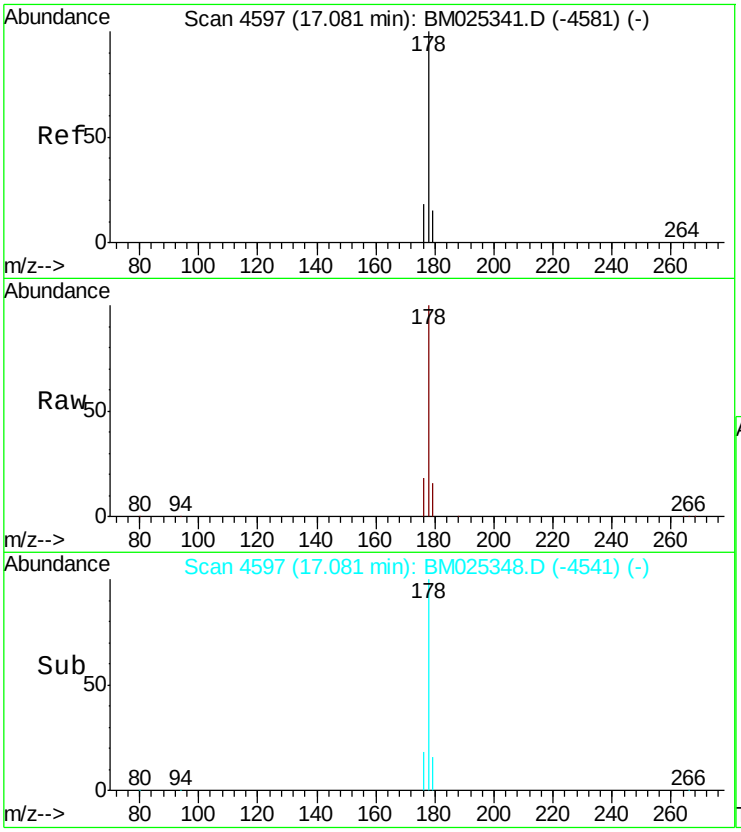


#11
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 16.70 min Scan# 4486
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:266 Resp: 351

Ion	Ratio	Lower	Upper
266	100		
264	70.7	49.8	74.6
268	62.7	49.0	73.4

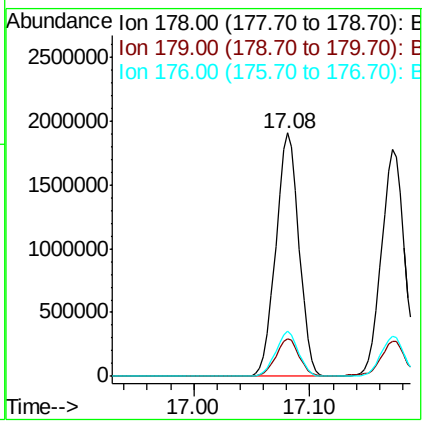




#12
Phenanthrene
Concen: 25.703 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:178 Resp: 2645063

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.3	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBDN2

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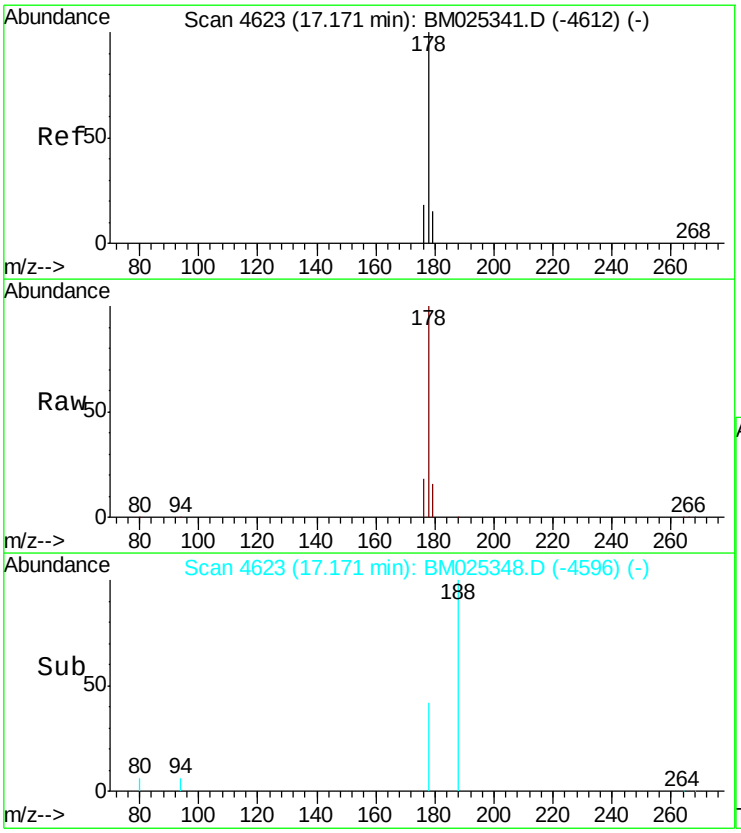
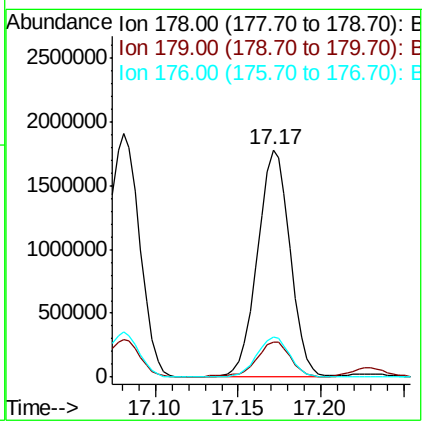
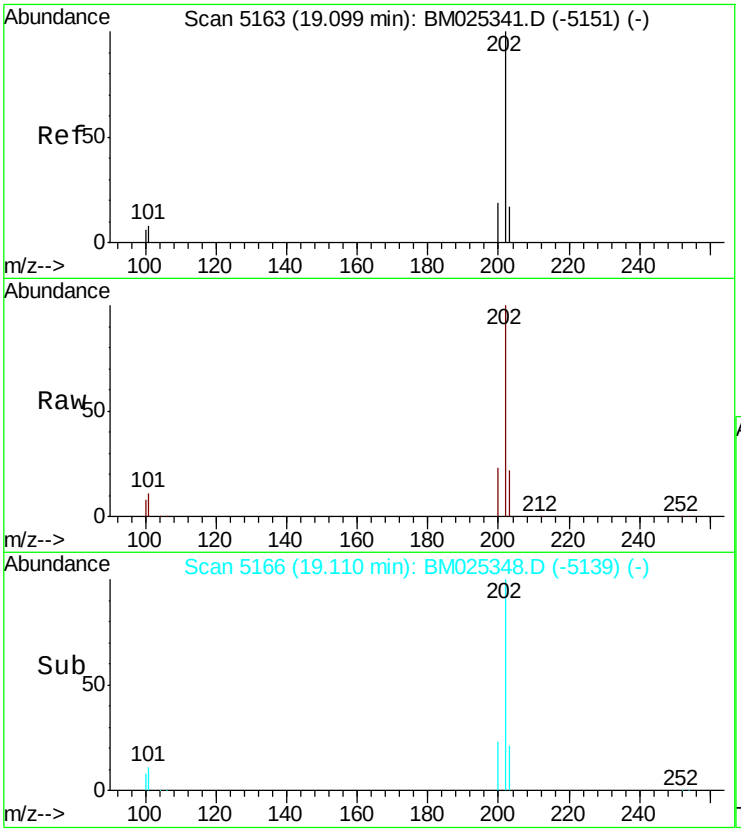


#13
Anthracene
Concen: 26.929 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:178 Resp: 2459367

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.1	21.1
176	17.7	16.2	24.4

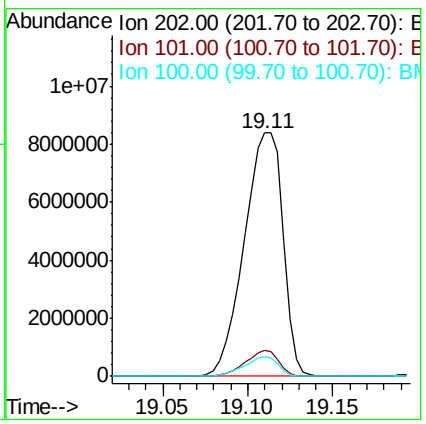




#15
Fluoranthene
Concen: 104.080 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:202 Resp:13405351

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	29.4
100	8.3	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBDN2

Manual Integrations APPROVED
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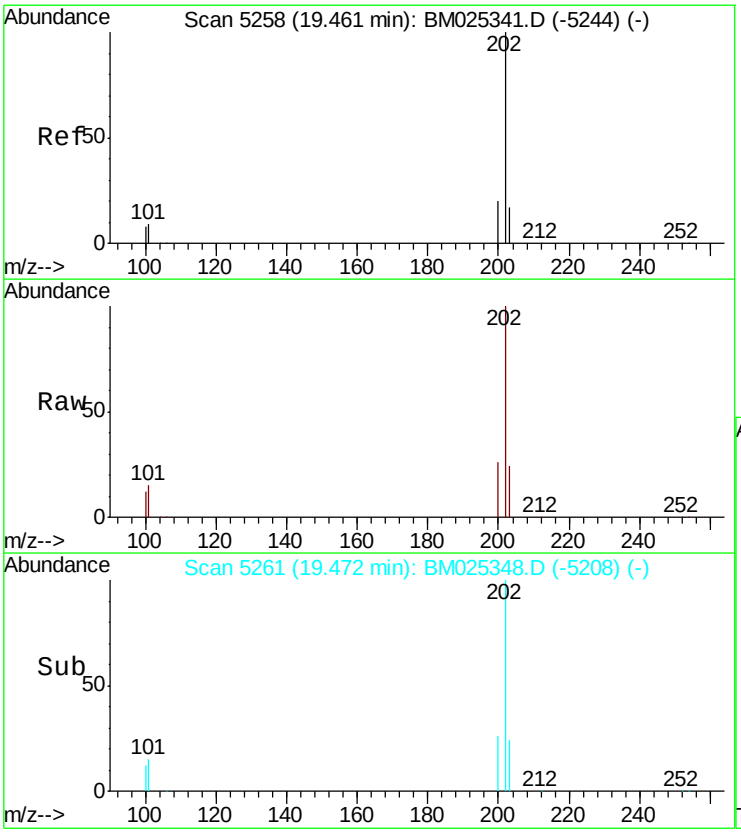
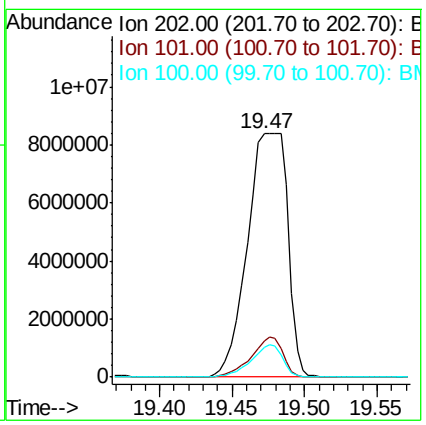
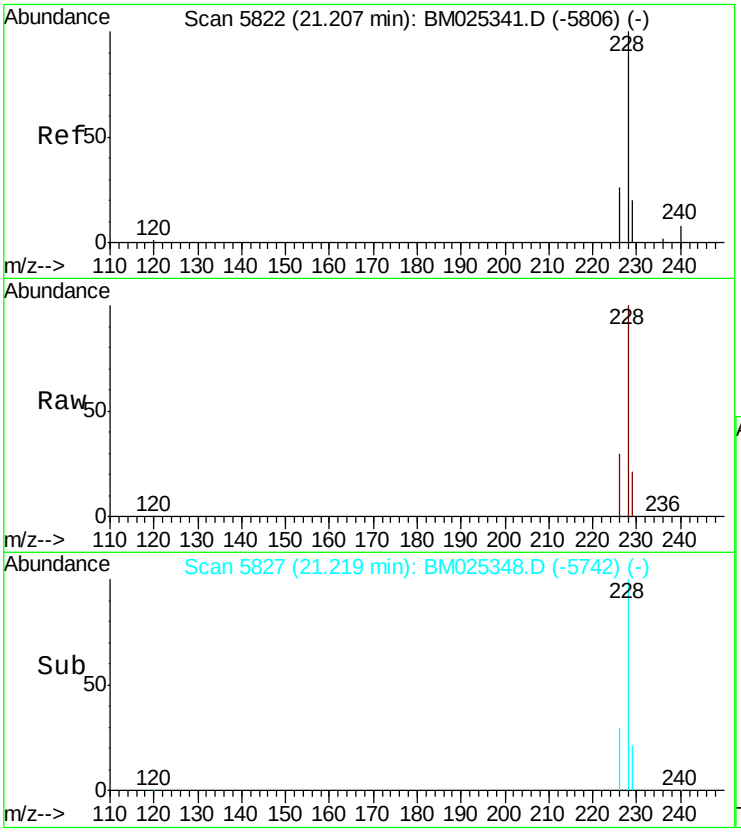


#17
Pyrene
Concen: 143.801 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. 0.00 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:202 Resp:16108716

Ion	Ratio	Lower	Upper
202	100		
101	14.6	8.7	13.1#
100	12.1	7.3	10.9#

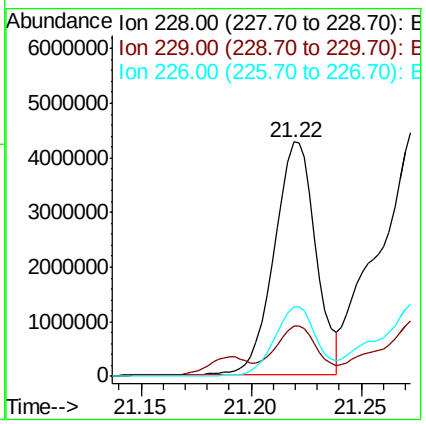




#18
Benzo(a)anthracene
Concen: 51.974 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. 0.00 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:228 Resp: 5642904

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	29.9	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
DBDN2

Manual Integrations APPROVED
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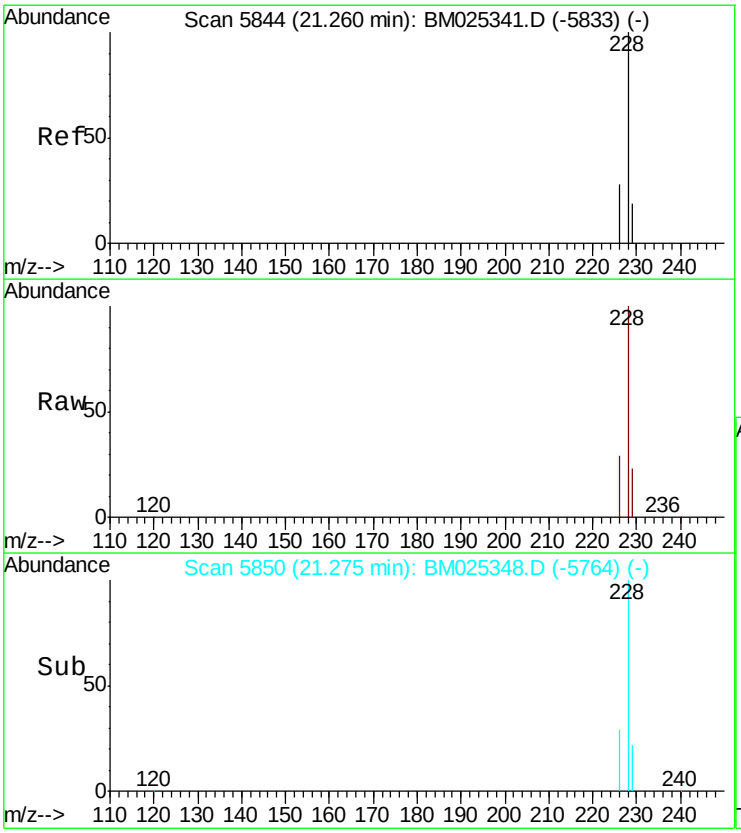
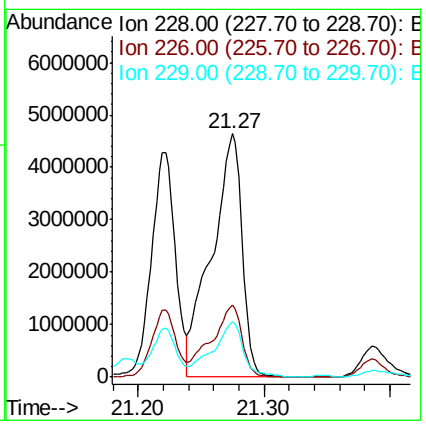
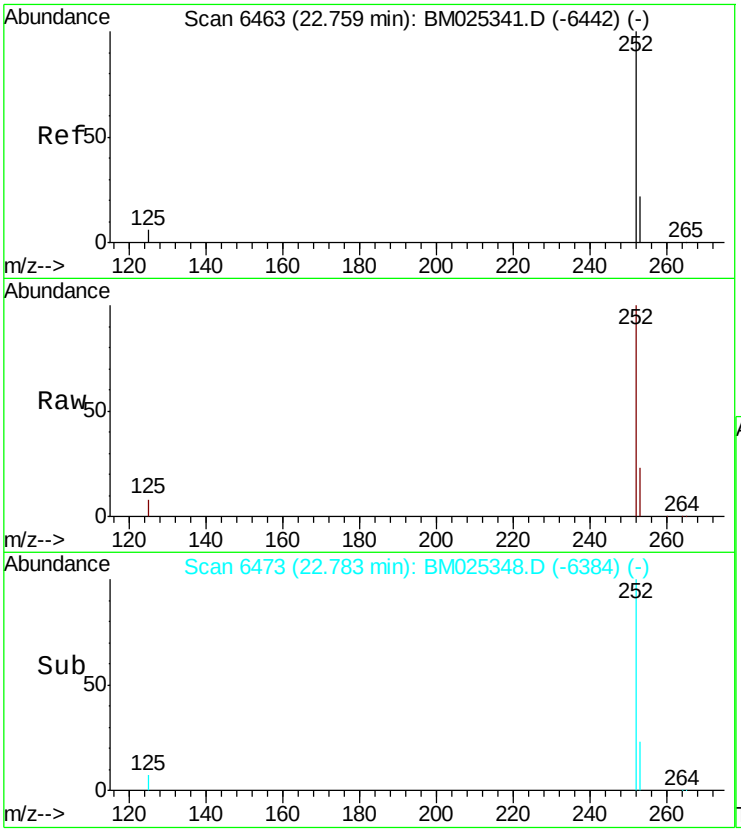


#19
Chrysene
Concen: 65.133 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. 0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:228 Resp: 7770106

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	22.6	16.9	25.3





#21
Benzo(b)fluoranthene
Concen: 62.830 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. 0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:252 Resp: 7912141

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	49.8
125	7.5	0.0	28.6

Instrument :
BNA_M
ClientSampleId :
DBDN2

Manual Integrations APPROVED
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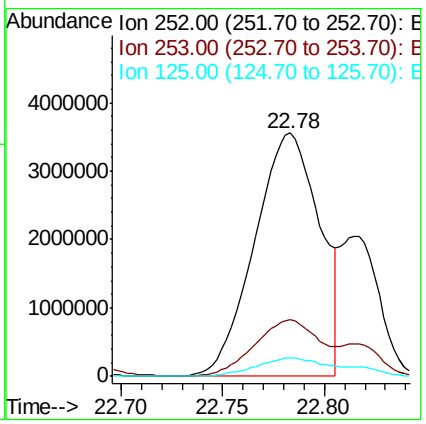
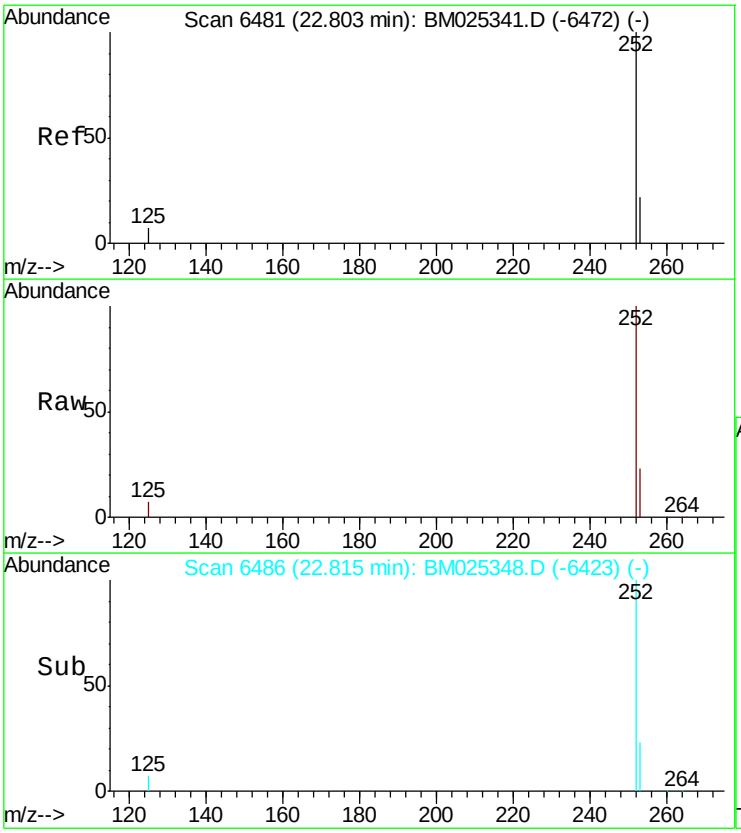
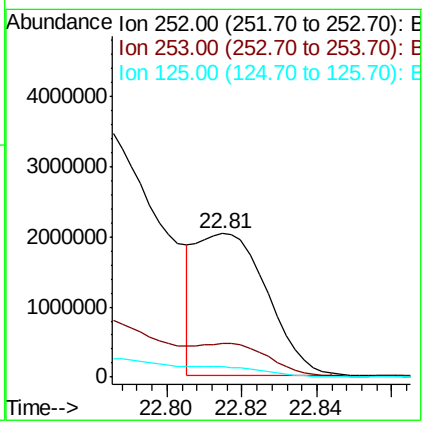


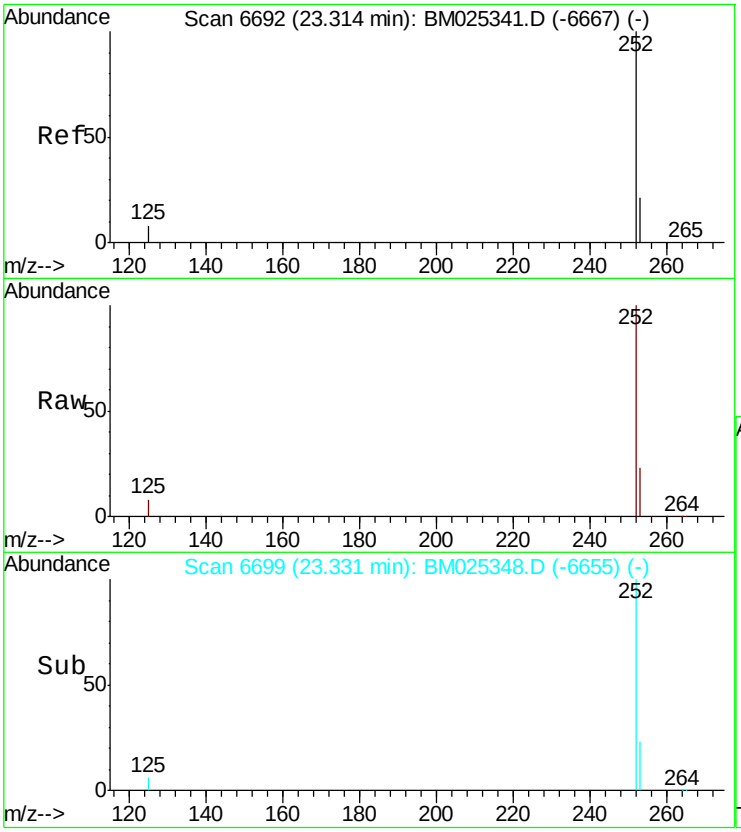


#22
Benzo(k)fluoranthene
Concen: 20.155 ng/ul m
RT: 22.81 min Scan# 6486
Delta R.T. 0.00 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:252 Resp: 2661708

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.0
125	7.0	10.7	16.1#





#23
Benzo(a)pyrene
Concen: 34.847 ng/ul
RT: 23.33 min Scan# 6699
Delta R.T. 0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:252 Resp: 3684307

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.3	30.5
125	7.6	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
DBDN2

Manual Integrations APPROVED
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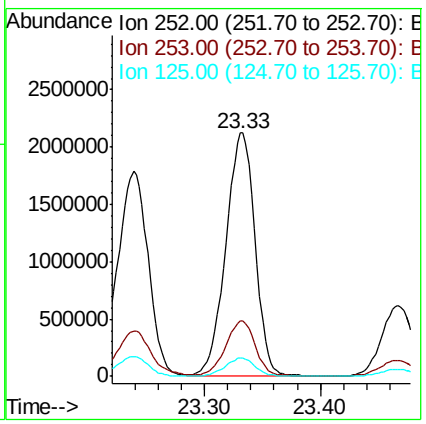
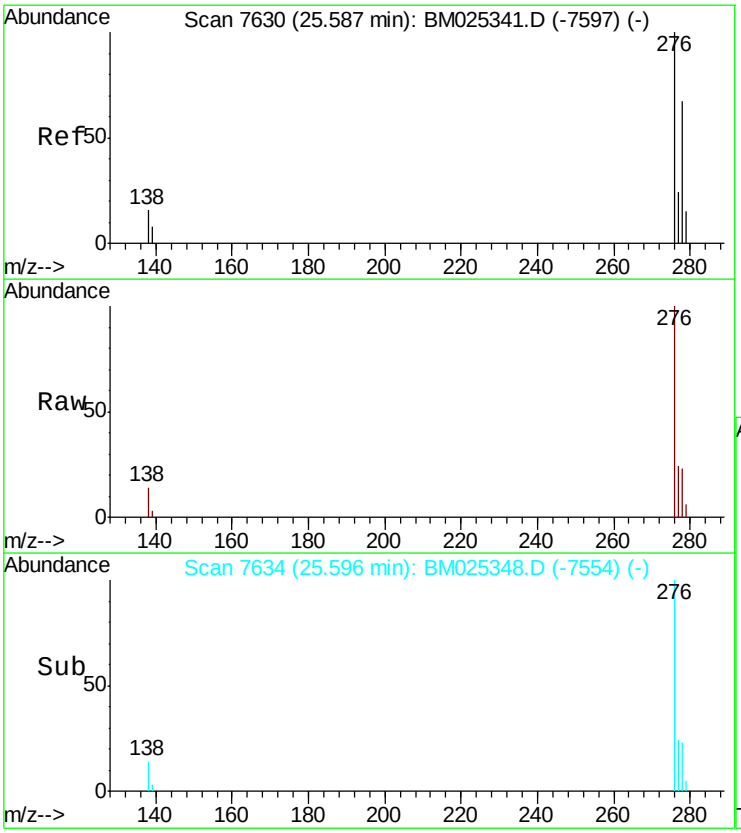
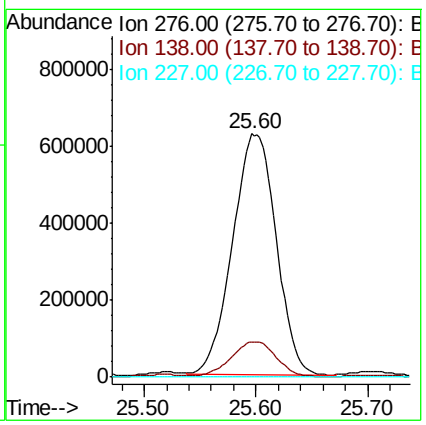


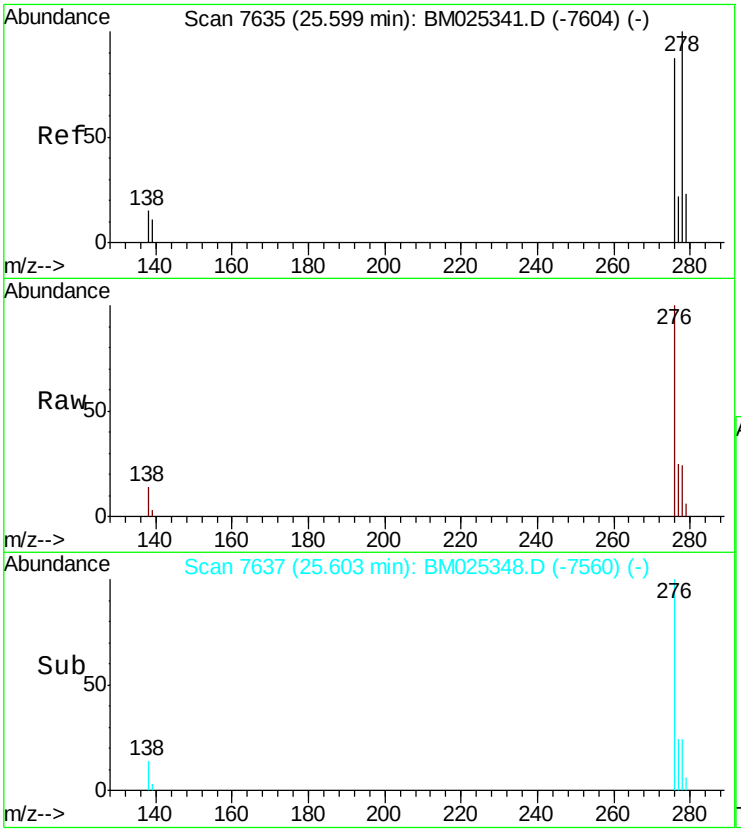


#24
Indeno(1,2,3-cd)pyrene
Concen: 12.851 ng/ul
RT: 25.60 min Scan# 7634
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:276 Resp: 1693526

Ion	Ratio	Lower	Upper
276	100		
138	14.8	0.0	0.0#
227	0.0	0.0	0.0





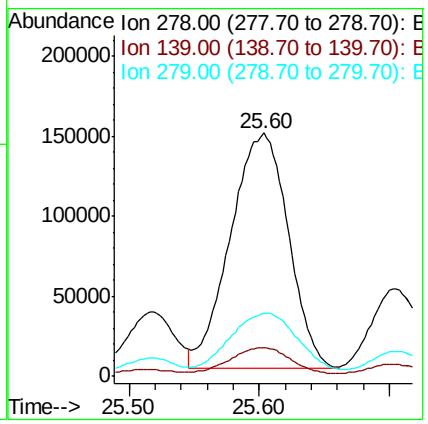
#25
Dibenzo(a,h)anthracene
Concen: 4.175 ng/ul m
RT: 25.60 min Scan# 7637
Delta R.T. -0.01 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

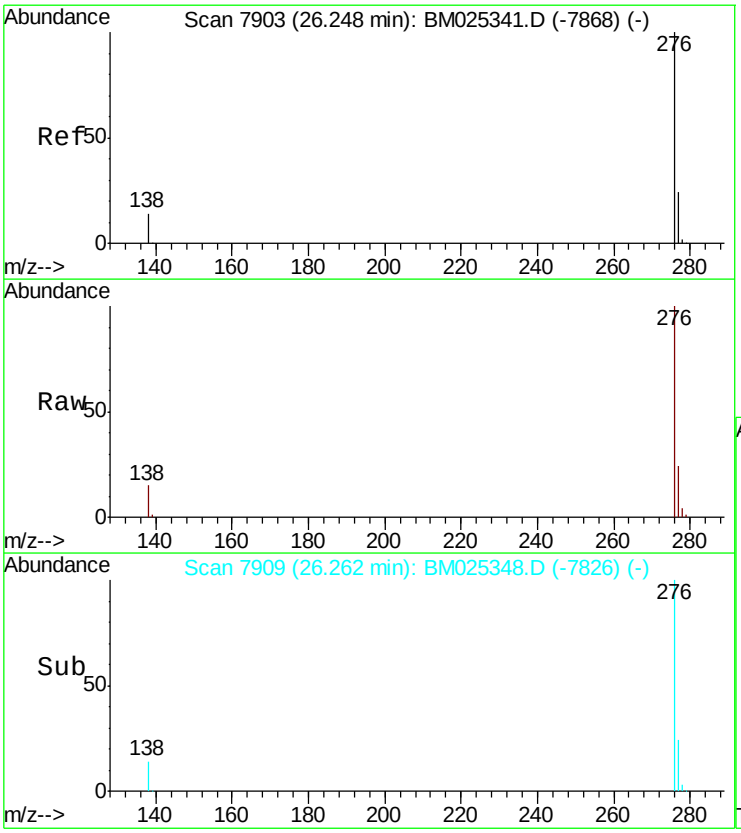
Tgt Ion:278 Resp: 455909

Ion	Ratio	Lower	Upper
278	100		
139	11.9	13.2	19.8#
279	26.0	21.0	31.4

Instrument :
BNA_M
ClientSampleId :
DBDN2

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:33 PM





#26
Benzo(g,h,i)perylene
Concen: 9.292 ng/ul
RT: 26.26 min Scan# 7909
Delta R.T. 0.00 min
Lab File: BM025348.D
Acq: 07 Mar 2020 14:04

Tgt Ion:276 Resp: 1039937

Ion	Ratio	Lower	Upper
276	100		
138	14.7	17.9	26.9#
277	24.0	20.5	30.7