Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025430.D
Acq On : 10 Mar 2020 00:53
Operator : CG/JU
Sample : L1615-01DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

Quant Time: Mar 10 02:04:47 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 09 13:32:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3728	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15705	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11405	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25309	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16801	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	15309	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	736	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1952	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.10	142	6831	0.206	ng/ul	98
8) Acenaphthene	14.35	153	24571	0.601	ng/ul	99
9) Fluorene	15.34	166	36542	0.734	ng/ul	100
12) Phenanthrene	17.07	178	206808	2.578	ng/ul	100
13) Anthracene	17.16	178	43786	0.627	ng/ul	99
15) Fluoranthene	19.09	202	81718	0.940	ng/ul	99
17) Pyrene	19.45	202	57061	0.757	ng/ul	99
18) Benzo(a)anthracene	21.20	228	7815	0.130	ng/ul	98
19) Chrysene	21.26	228	9546	0.142	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	5443m	0.090	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	2407m	0.038	ng/ul	
23) Benzo(a)pyrene	23.31	252	2472	0.049	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.58	276	1521	0.022	ng/ul#	95

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

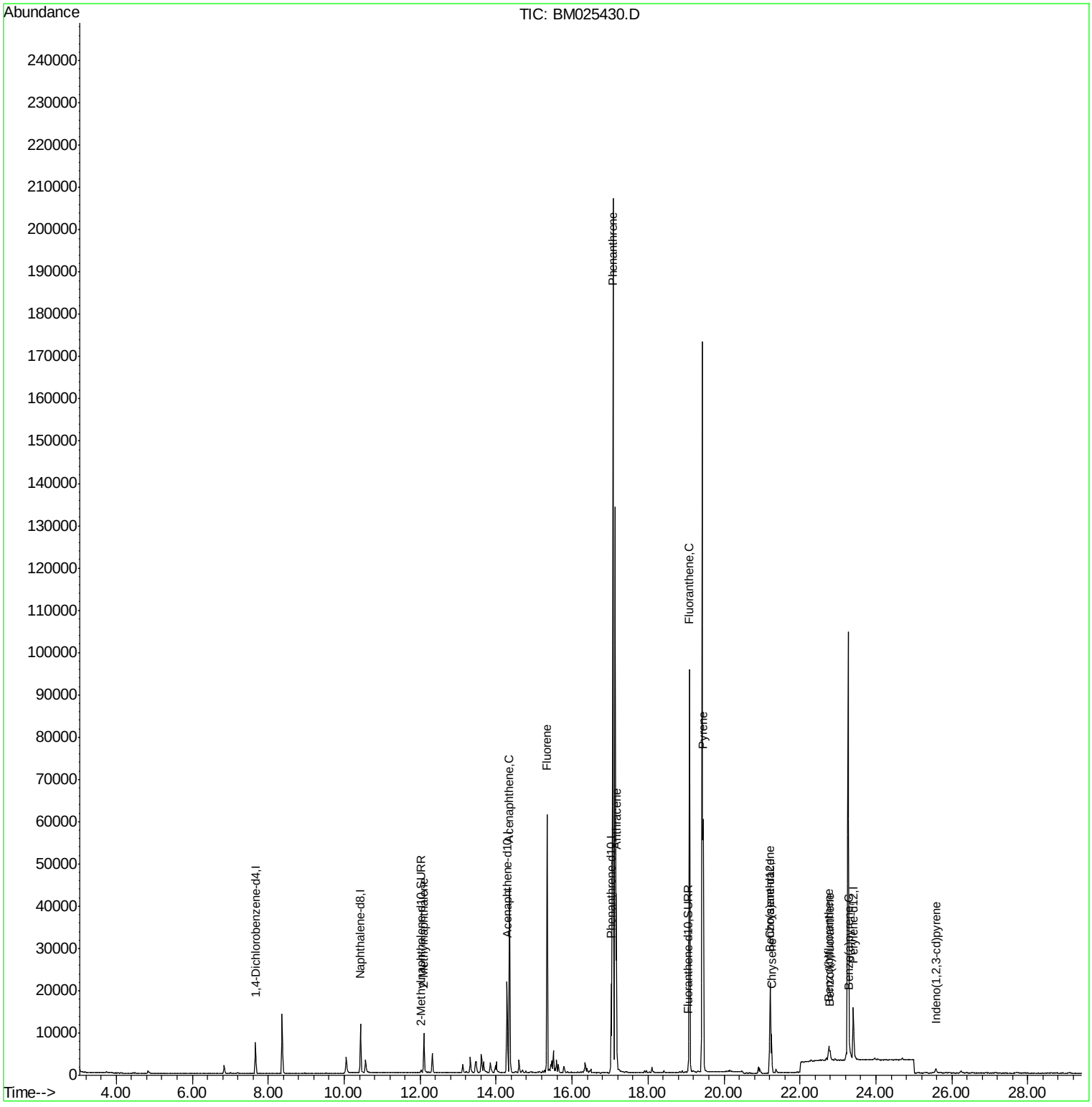
Quantitation Report (QT Reviewed)

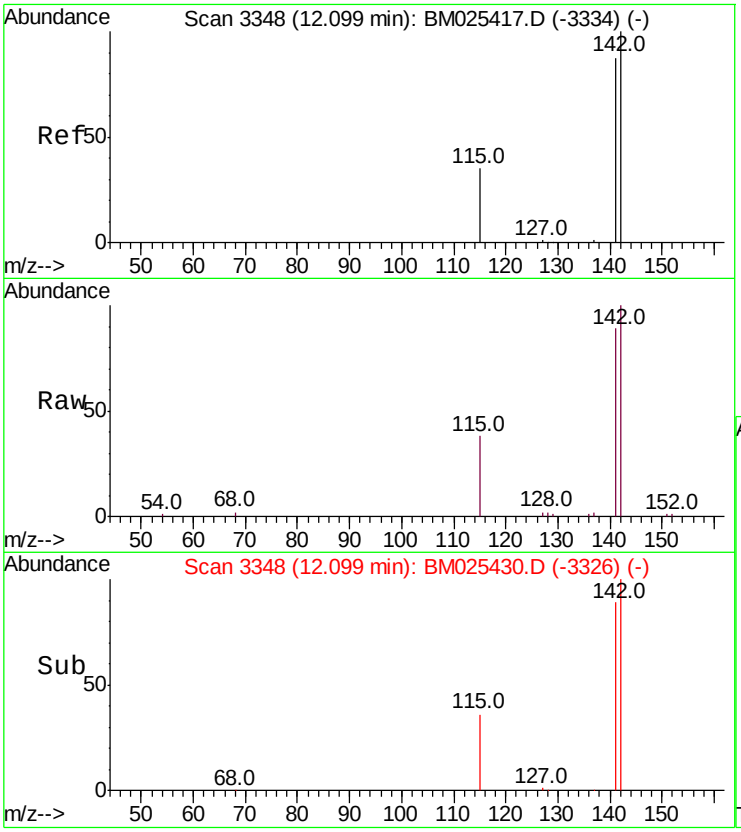
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025430.D
Acq On : 10 Mar 2020 00:53
Operator : CG/JU
Sample : L1615-01DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 10 02:04:47 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 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM





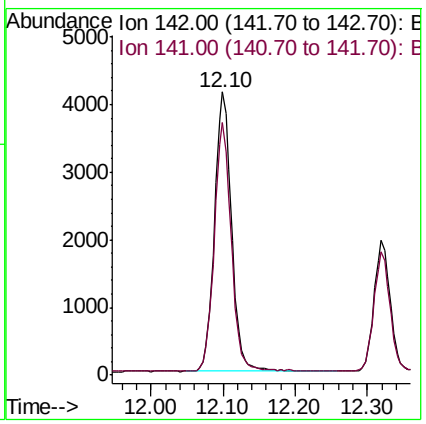
#5
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.10 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

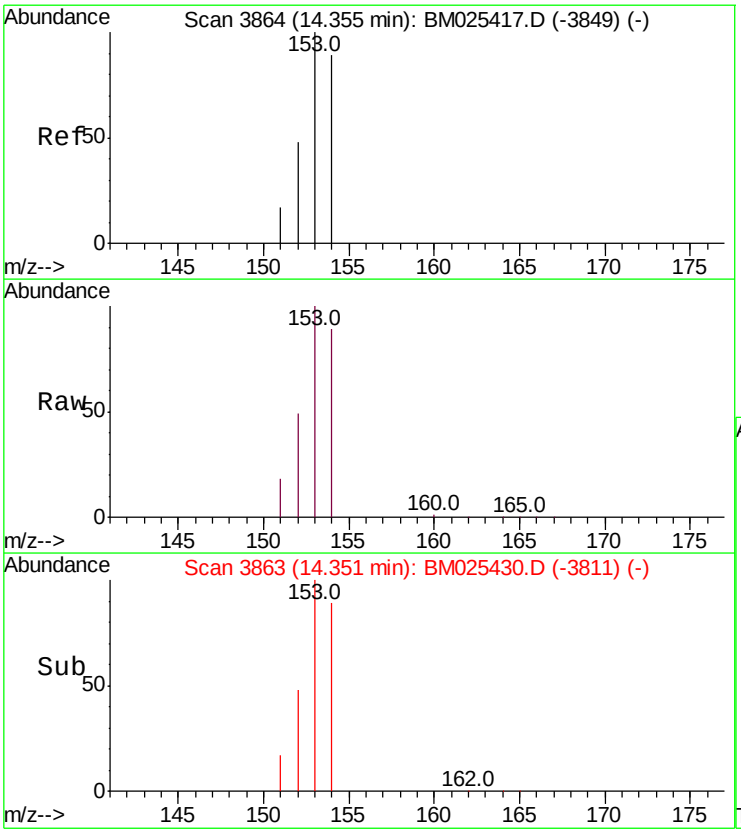
Tgt Ion:142 Resp: 6831

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.8	104.6

Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

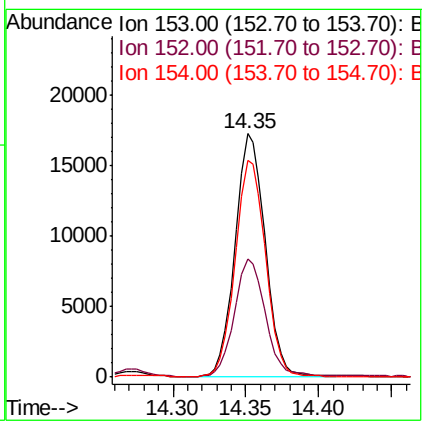


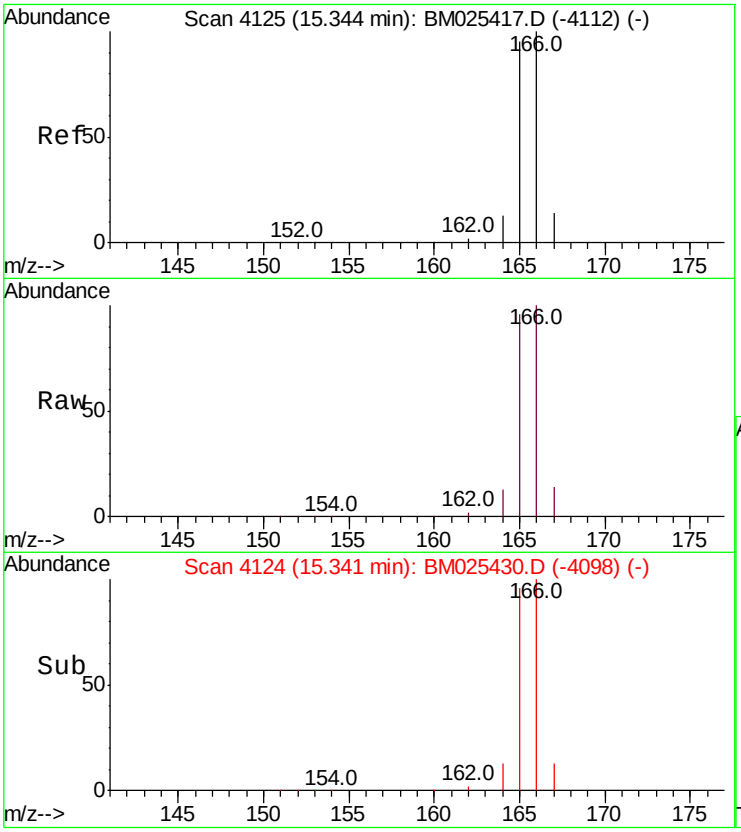


#8
Acenaphthene
Concen: 0.601 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:153 Resp: 24571

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.5	59.3
154	89.1	71.7	107.5

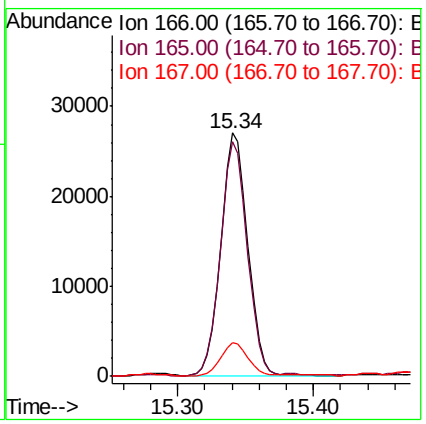




#9
Fluorene
Concen: 0.734 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

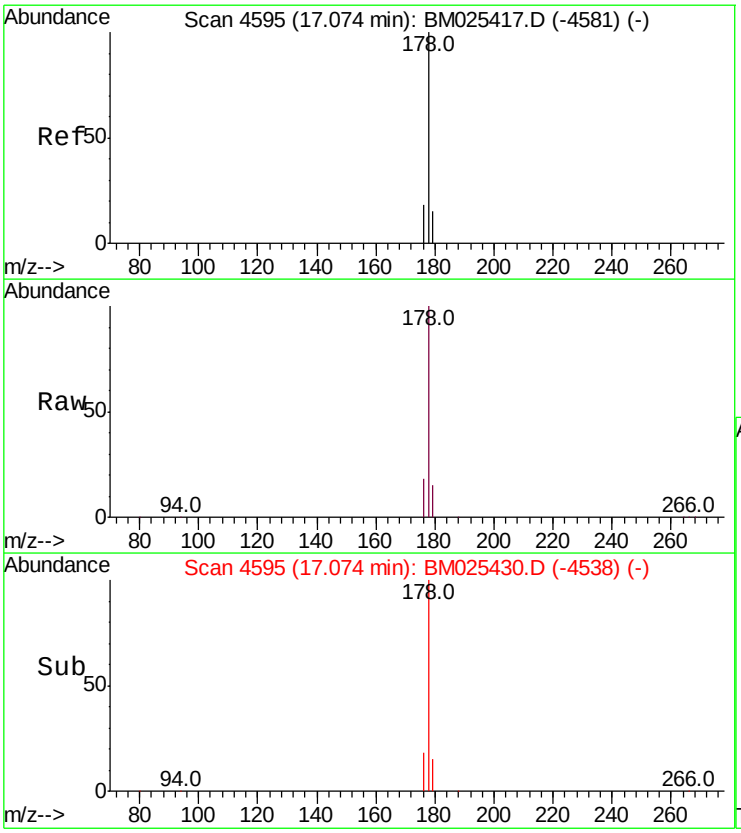
Tgt Ion:166 Resp: 36542

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.8	115.2
167	14.0	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
DBDM7DL

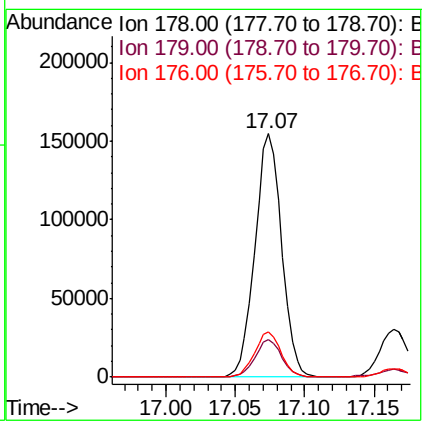
Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

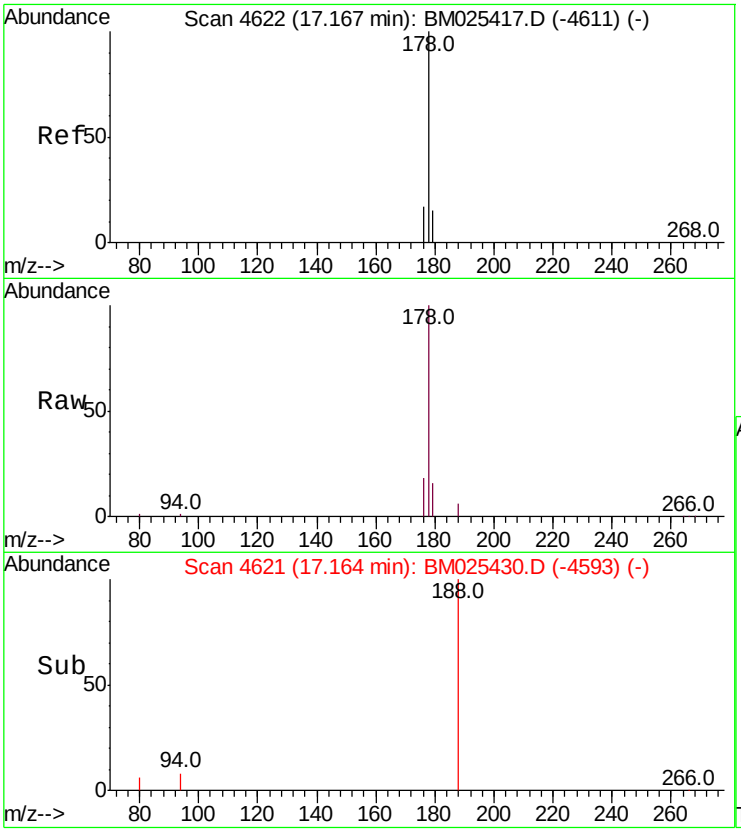


#12
Phenanthrene
Concen: 2.578 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:178 Resp: 206808

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.3	14.8	22.2





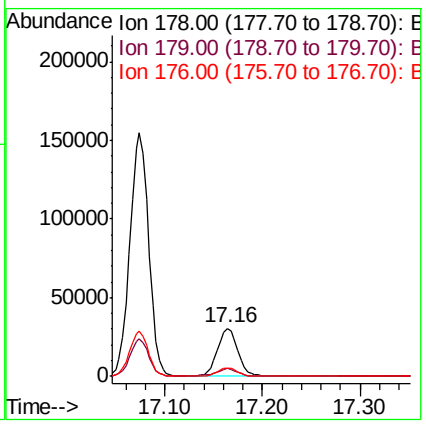
#13
Anthracene
Concen: 0.627 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

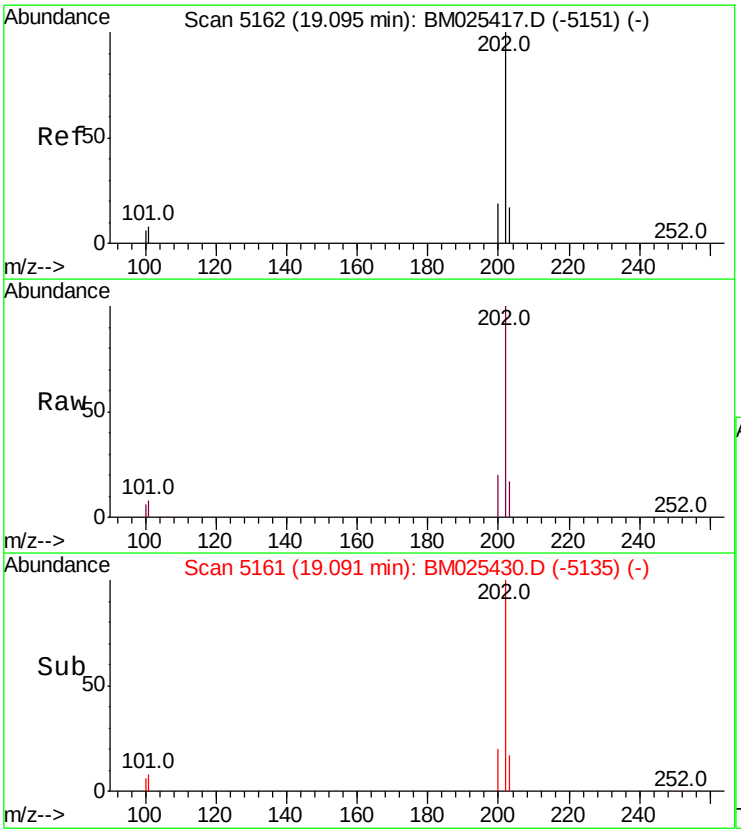
Tgt Ion:178 Resp: 43786

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.6	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

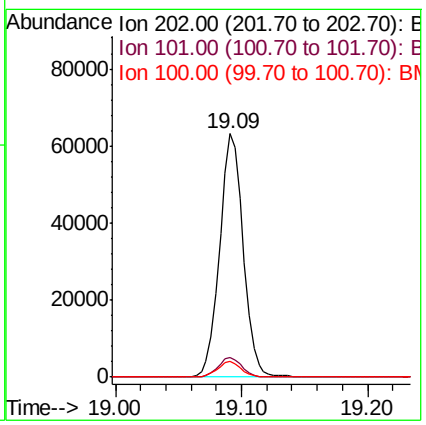


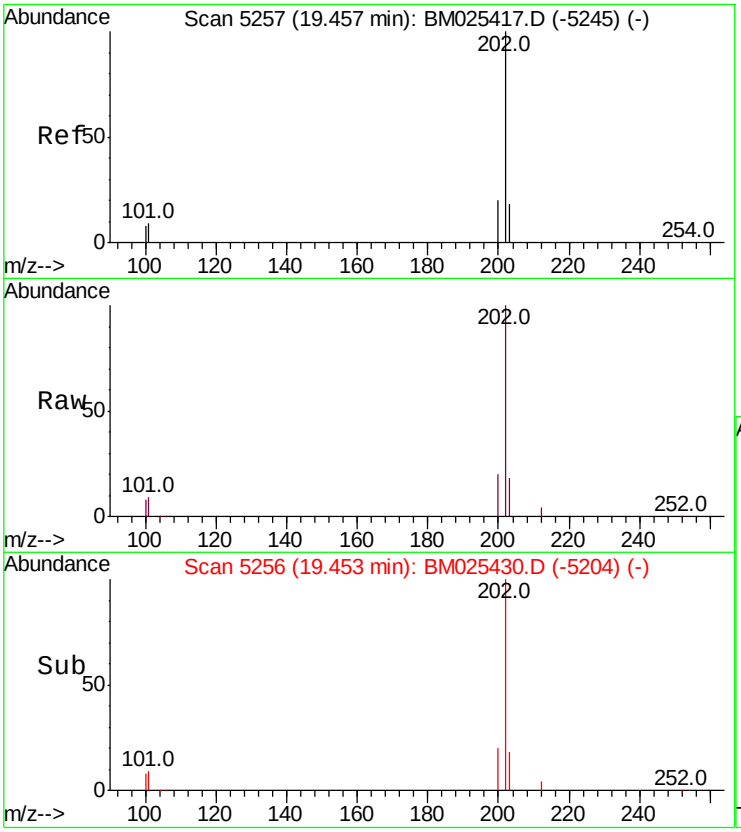


#15
Fluoranthene
Concen: 0.940 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:202 Resp: 81718

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.5
100	6.3	0.0	26.0





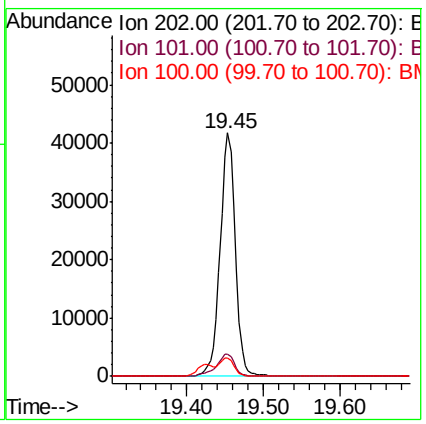
#17
Pyrene
Concen: 0.757 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

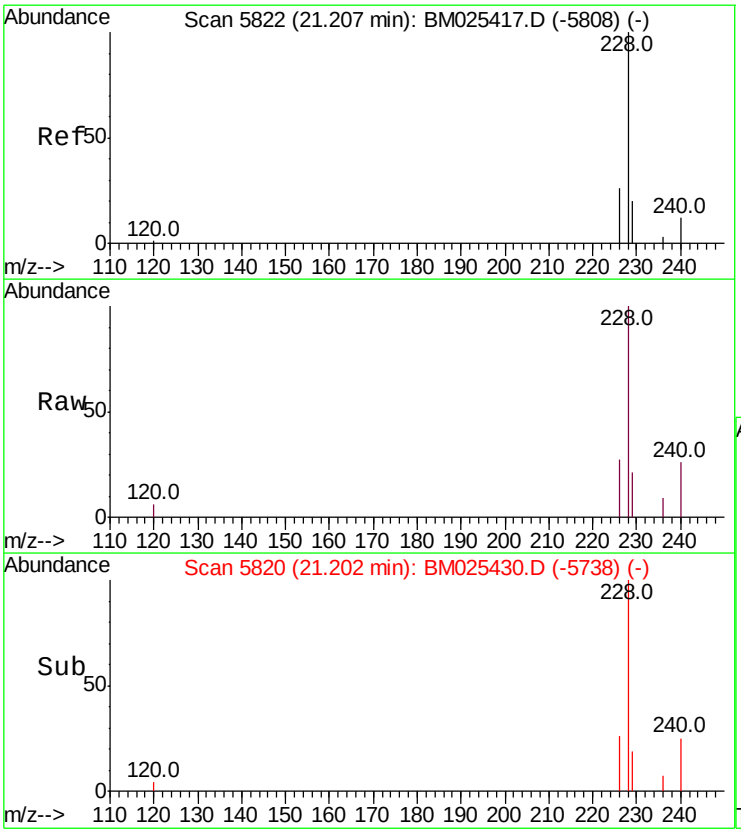
Tgt Ion:202 Resp: 57061

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.8	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

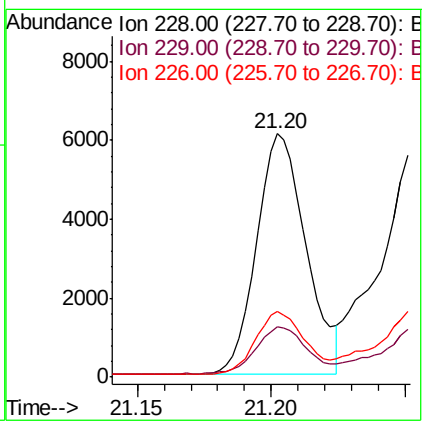


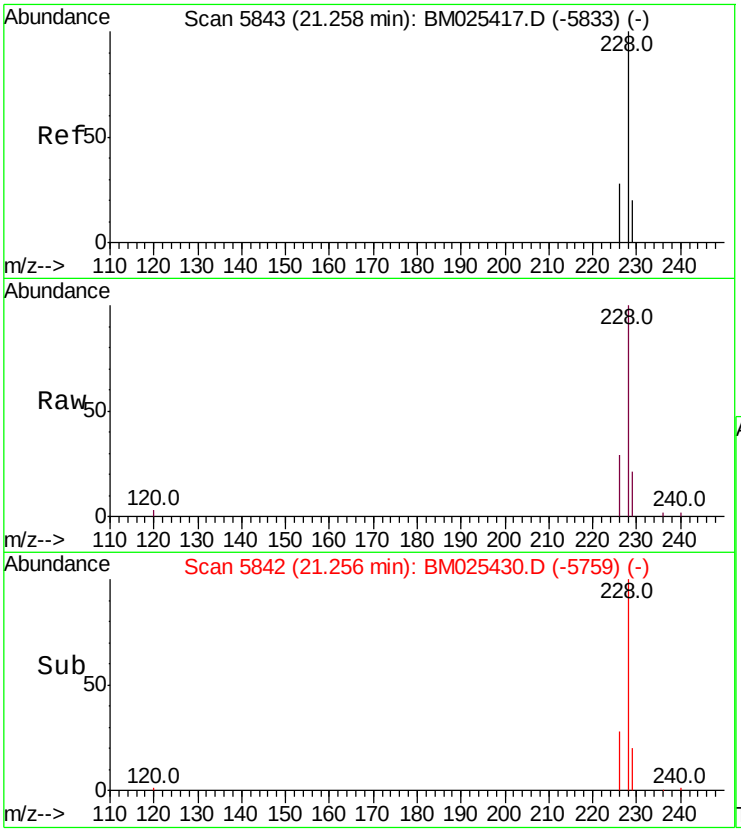


#18
Benzo(a)anthracene
Concen: 0.130 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:228 Resp: 7815

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.1	21.1	31.7





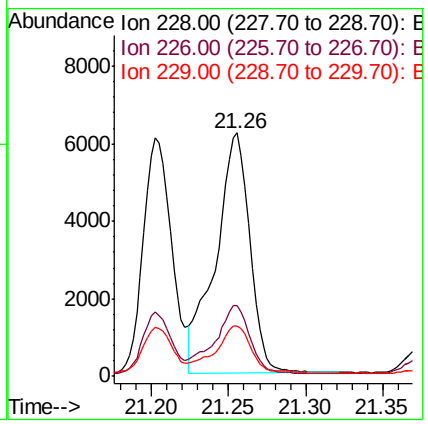
#19
Chrysene
Concen: 0.142 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

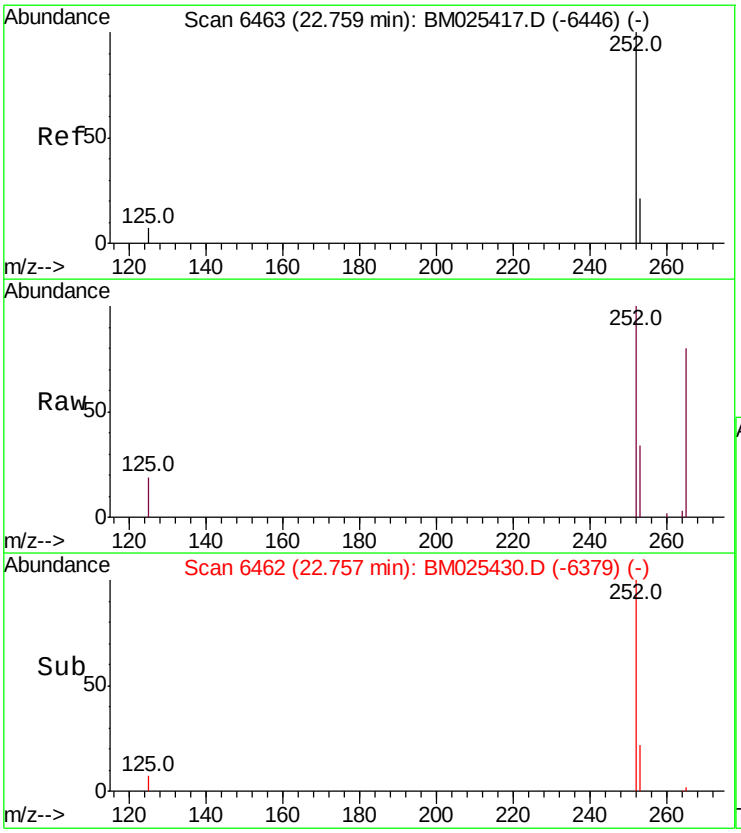
Tgt Ion:228 Resp: 9546

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	20.7	16.3	24.5

Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

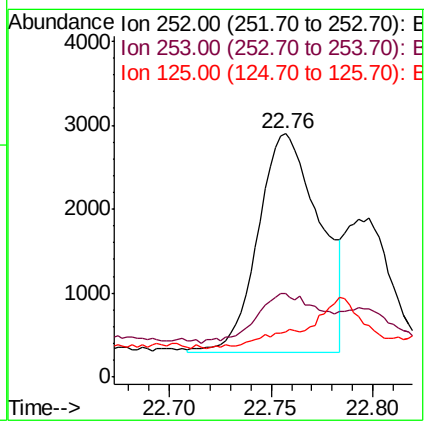


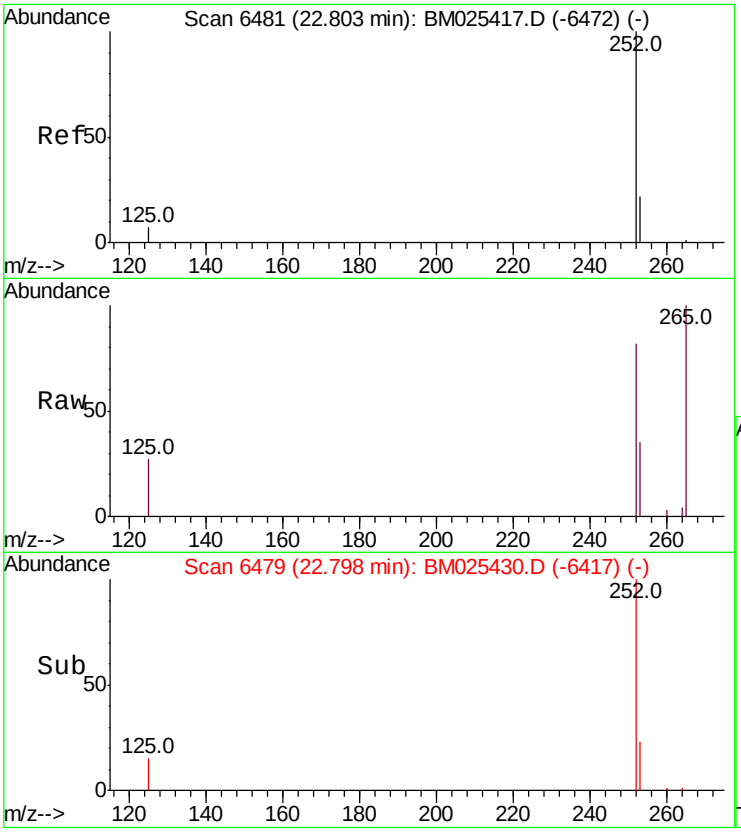


#21
Benzo(b)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:252 Resp: 5443

Ion	Ratio	Lower	Upper
252	100		
253	34.2	0.0	50.2
125	18.7	0.0	17.6#

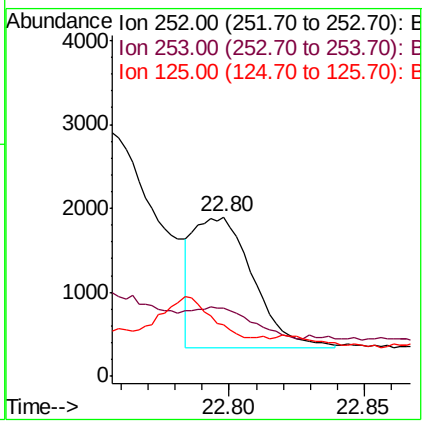




#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

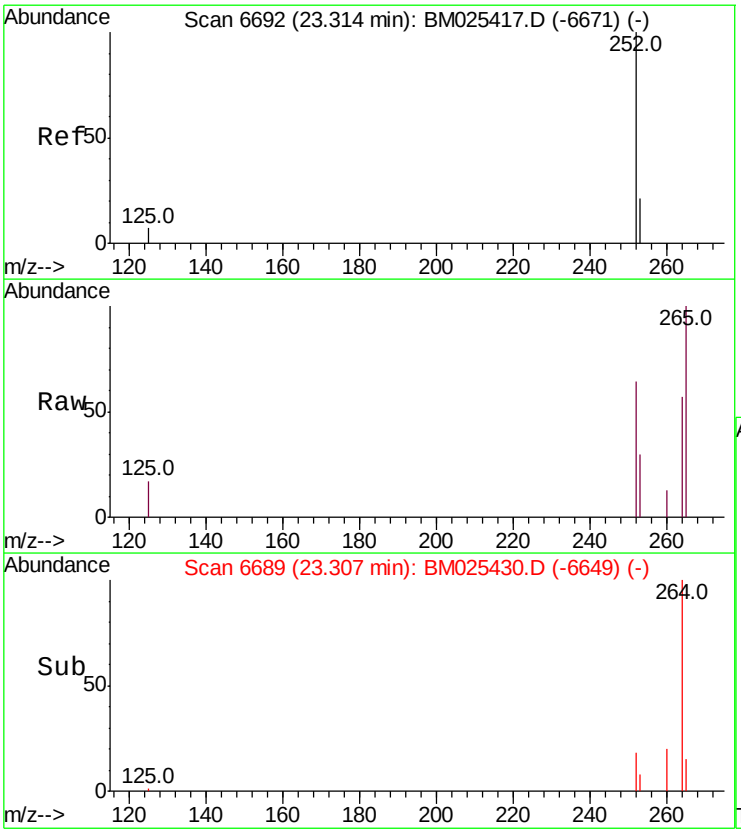
Tgt Ion:252 Resp: 2407

Ion	Ratio	Lower	Upper
252	100		
253	42.8	19.8	29.8#
125	32.4	7.1	10.7#



Instrument :
BNA_M
ClientSampleId :
DBDM7DL

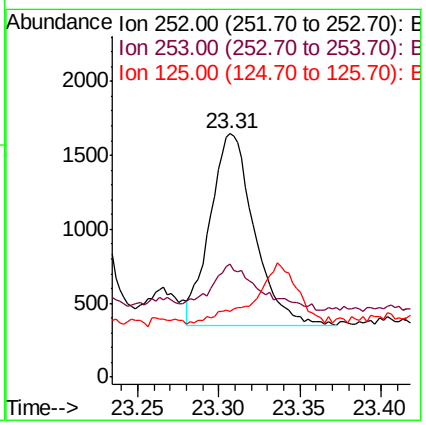
Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM

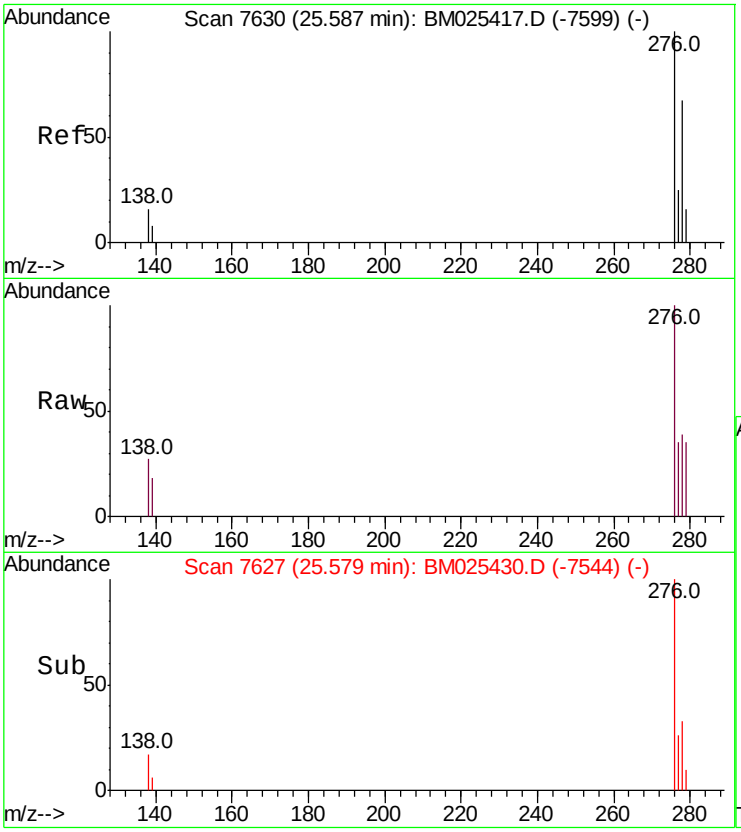


#23
Benzo(a)pyrene
Concen: 0.049 ng/ul
RT: 23.31 min Scan# 6689
Delta R.T. -0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:252 Resp: 2472

Ion	Ratio	Lower	Upper
252	100		
253	46.7	21.3	31.9#
125	27.0	8.5	12.7#

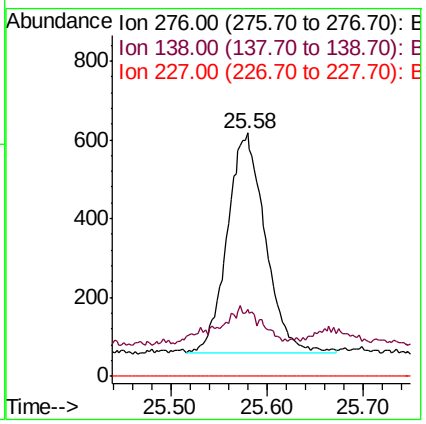




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 25.58 min Scan# 7627
Delta R.T. 0.00 min
Lab File: BM025430.D
Acq: 10 Mar 2020 00:53

Tgt Ion:276 Resp: 1521

Ion	Ratio	Lower	Upper
276	100		
138	13.4	12.3	18.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
DBDM7DL

Manual Integrations APPROVED
mohammad
3/10/2020 7:59:33 AM