Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025504.D
Acq On : 11 Mar 2020 22:57
Operator : CG/JU
Sample : L1677-04DL 5X
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CC8DL

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

Quant Time: Mar 12 13:31:36 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 12 02:03:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15046	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10691	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	24233	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17264	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16036	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1439	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3794	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	973	0.022	ng/ul#	82
5) 2-Methylnaphthalene	12.09	142	818	0.026	ng/ul	95
8) Acenaphthene	14.35	153	2839	0.074	ng/ul	98
9) Fluorene	15.34	166	6548	0.140	ng/ul	99
12) Phenanthrene	17.07	178	19069	0.248	ng/ul	99
13) Anthracene	17.16	178	3492	0.052	ng/ul#	94
15) Fluoranthene	19.09	202	52390	0.629	ng/ul	97
17) Pyrene	19.45	202	37742	0.487	ng/ul	97
18) Benzo(a)anthracene	21.20	228	7092	0.115	ng/ul	98
19) Chrysene	21.25	228	8114	0.117	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	8298m	0.131	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	3147m	0.047	ng/ul	
23) Benzo(a)pyrene	23.31	252	5059	0.096	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.57	276	3287	0.046	ng/ul#	77
26) Benzo(g,h,i)perylene	26.23	276	3090	0.050	ng/ul#	83

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

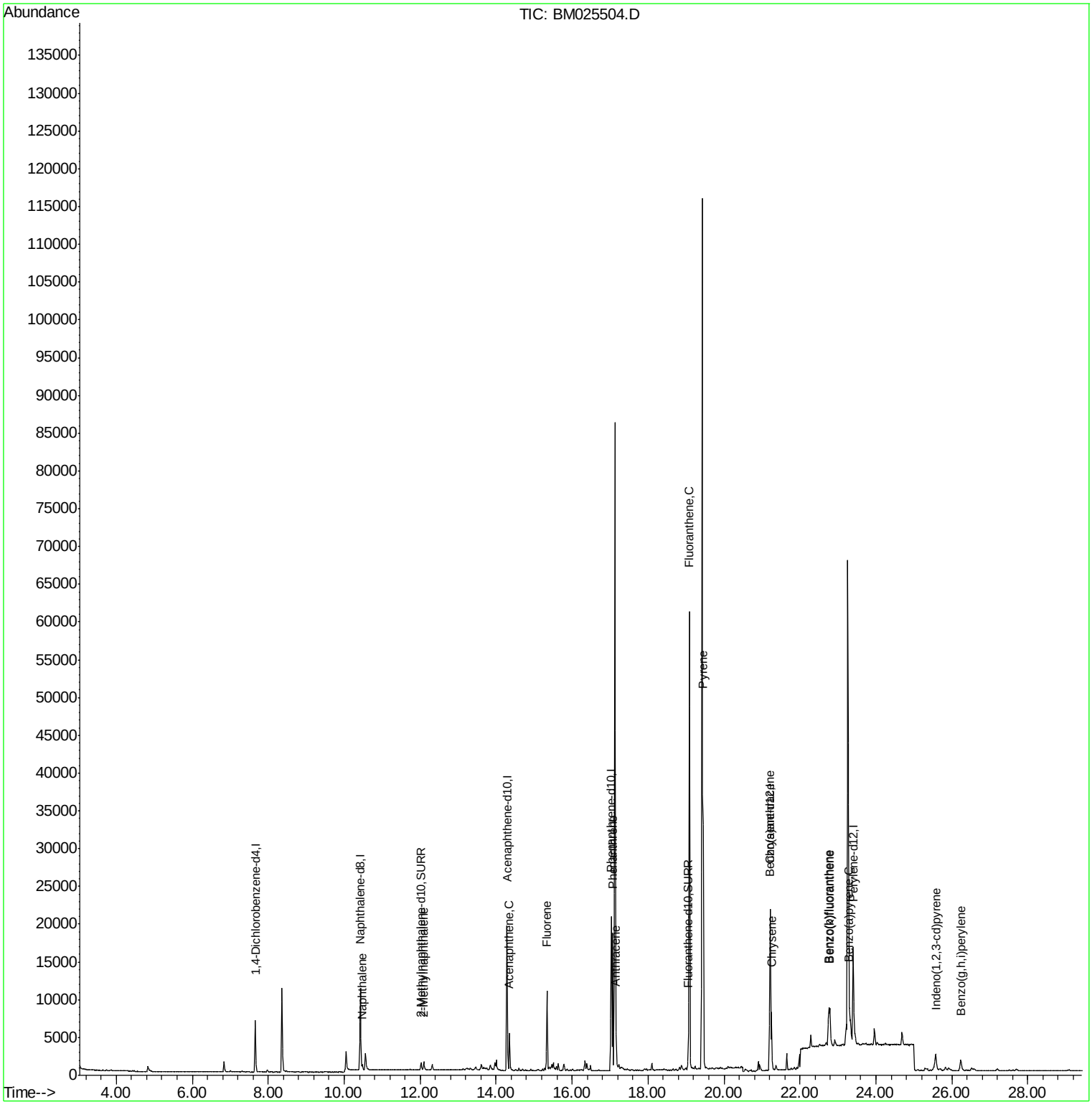
Quantitation Report (QT Reviewed)

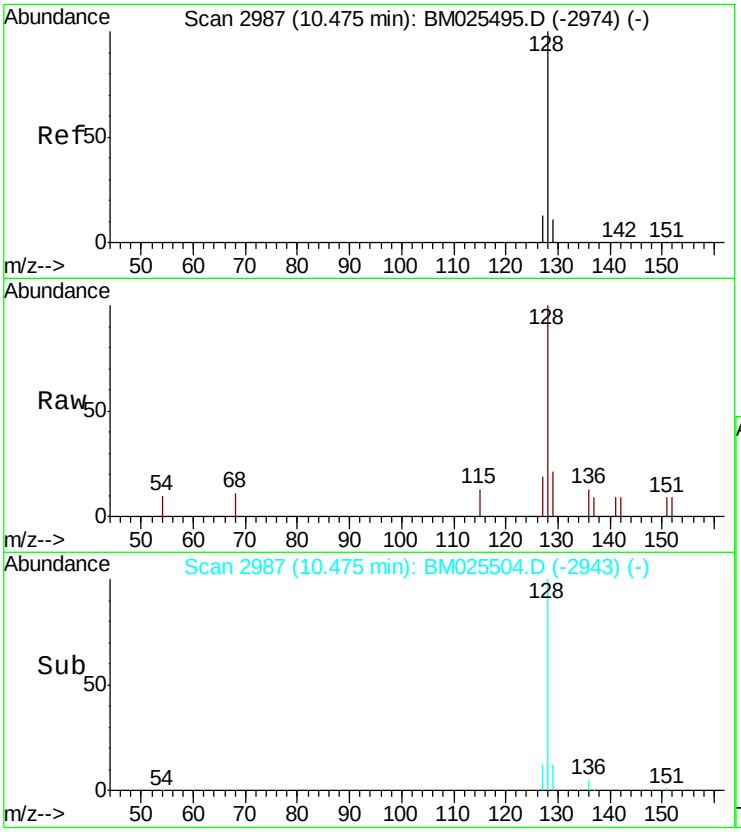
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025504.D
Acq On : 11 Mar 2020 22:57
Operator : CG/JU
Sample : L1677-04DL 5X
Misc :
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Mar 12 13:31:36 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 12 02:03:23 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0CC8DL

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM





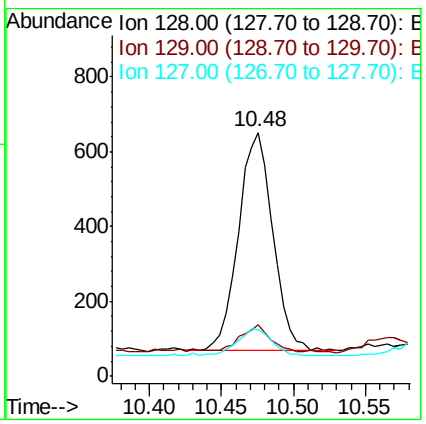
#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.48 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

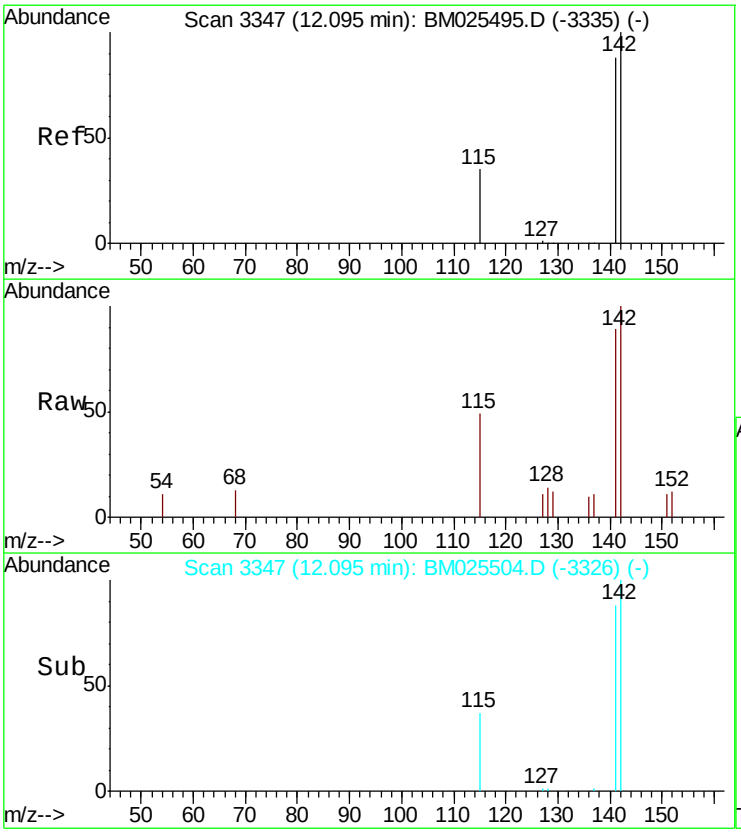
Tgt Ion:128 Resp: 973

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.4	14.0#
127	19.0	10.9	16.3#

Instrument :
BNA_M
ClientSampleId :
C0CC8DL

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

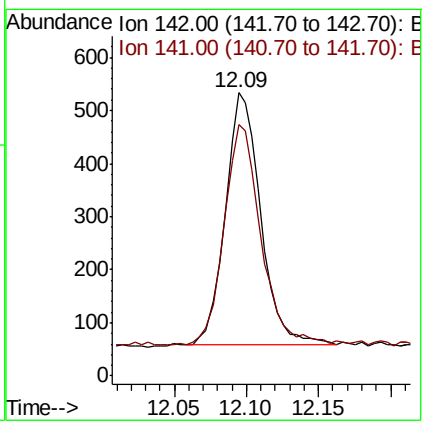


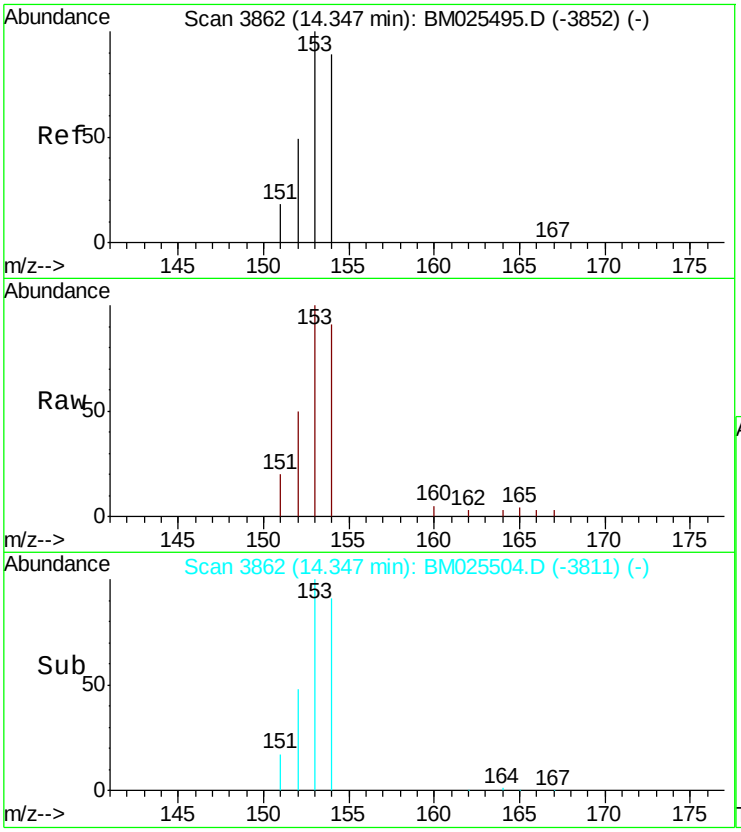


#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:142 Resp: 818

Ion	Ratio	Lower	Upper
142	100		
141	91.8	69.8	104.6

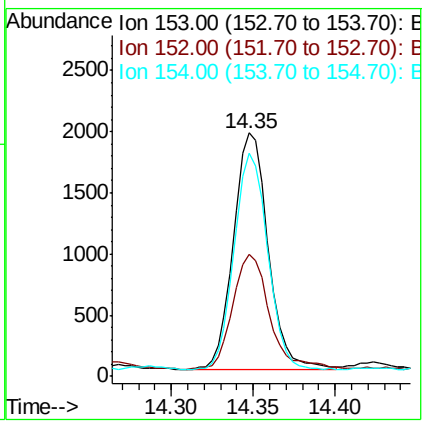




#8
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.35 min Scan# 3862
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

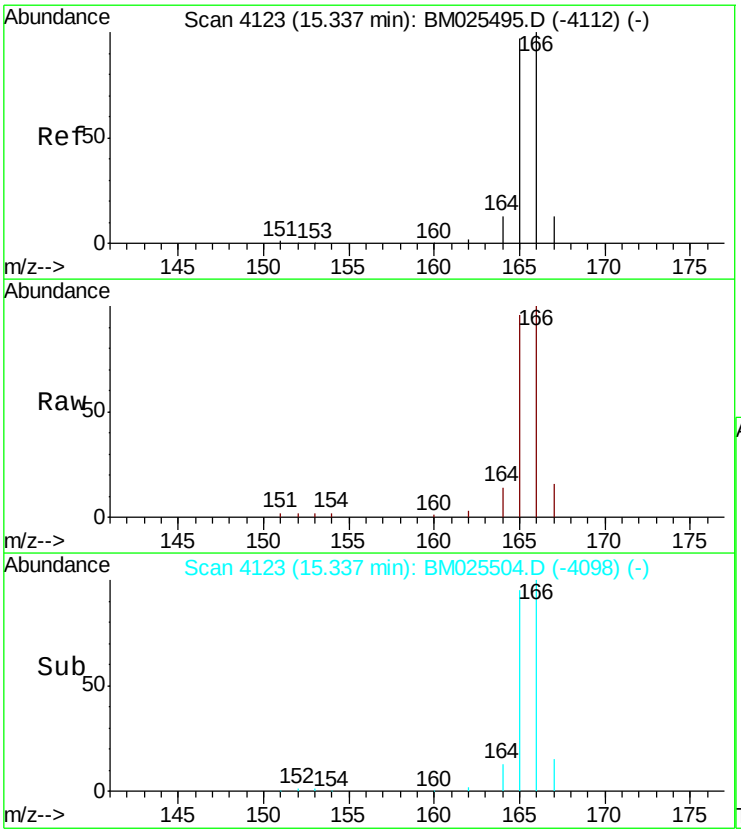
Tgt Ion:153 Resp: 2839

Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.5	59.3
154	91.4	71.7	107.5



Instrument :
BNA_M
ClientSampleId :
C0CC8DL

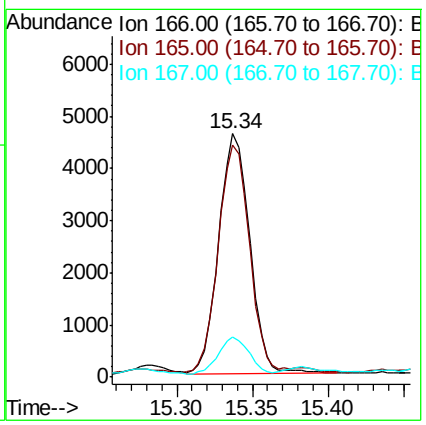
Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

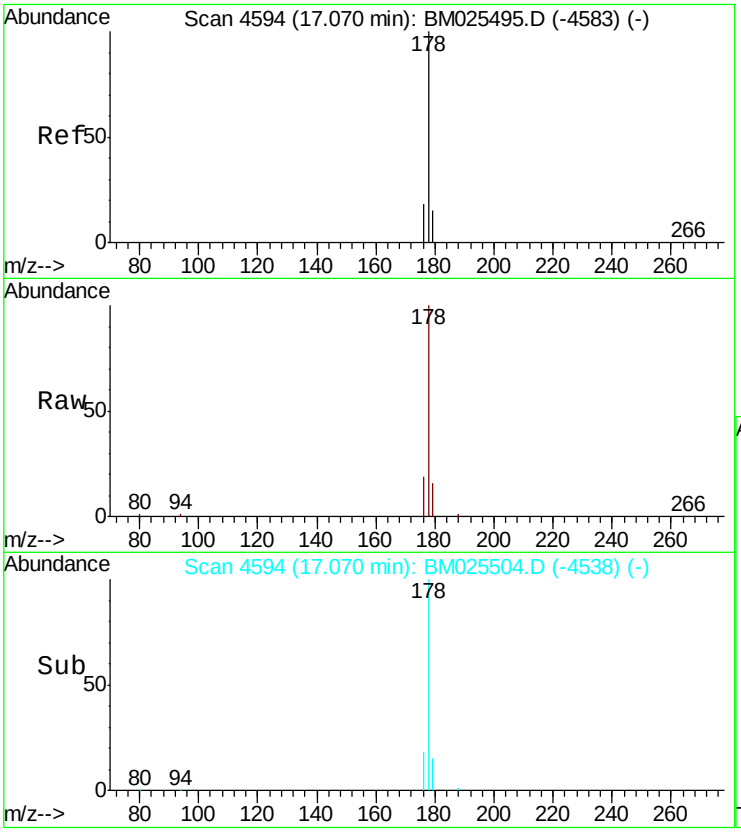


#9
Fluorene
Concen: 0.140 ng/ul
RT: 15.34 min Scan# 4123
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:166 Resp: 6548

Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.8	115.2
167	16.4	11.2	16.8

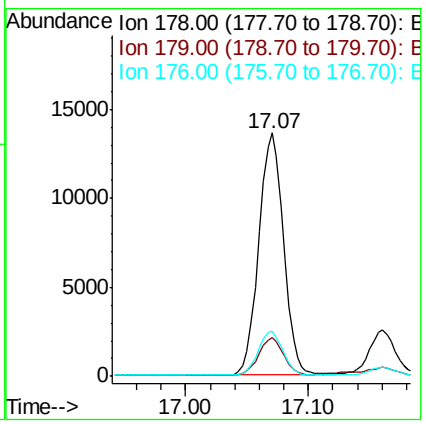




#12
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

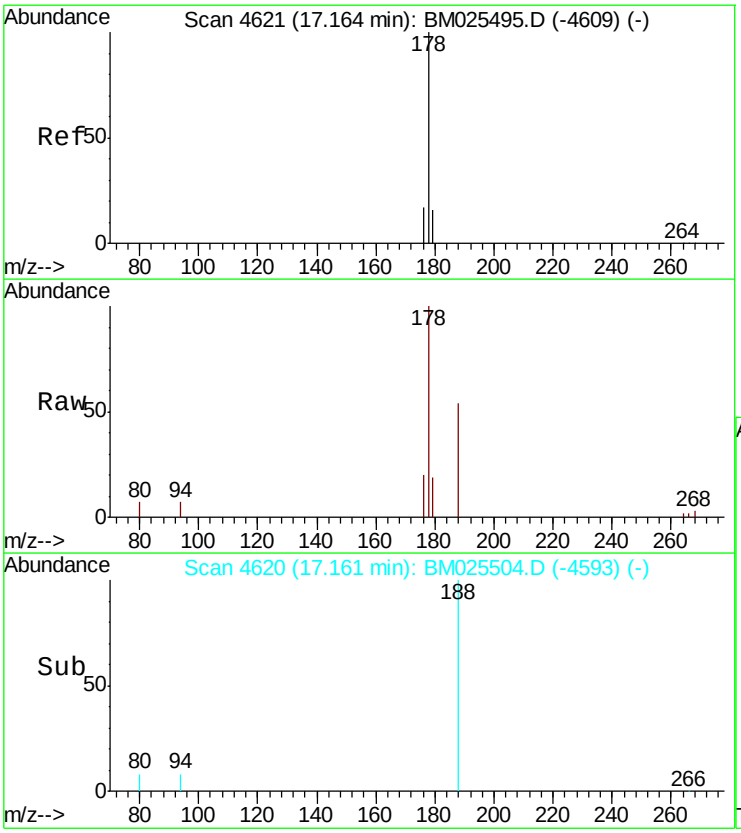
Tgt Ion:178 Resp: 19069

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.7	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
C0CC8DL

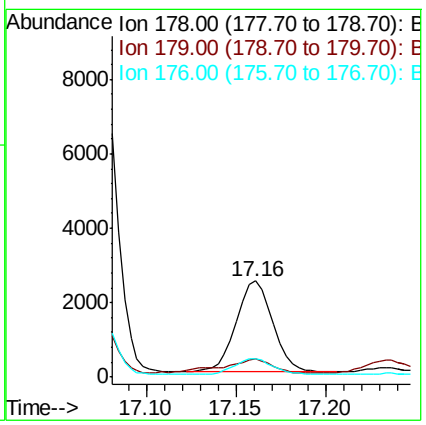
Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

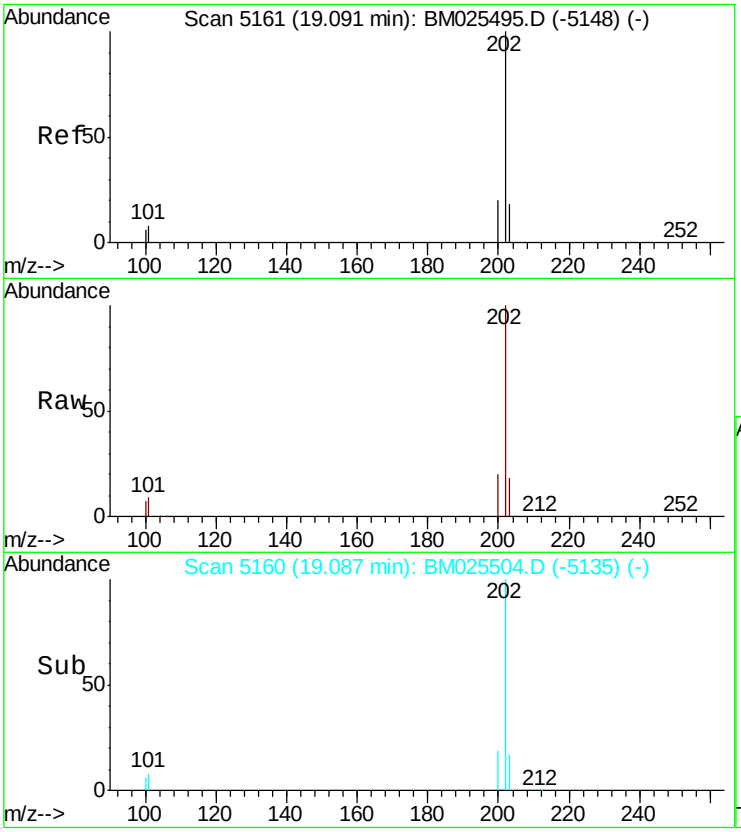


#13
Anthracene
Concen: 0.052 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:178 Resp: 3492

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.6	18.8#
176	19.7	14.5	21.7





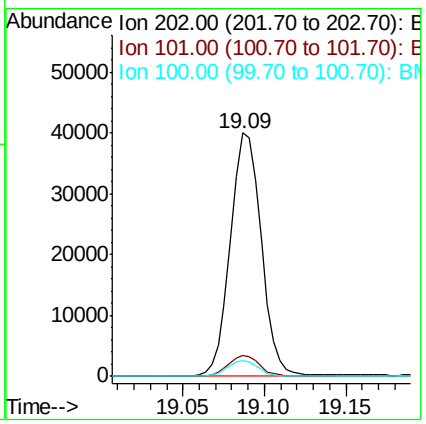
#15
Fluoranthene
Concen: 0.629 ng/ul
RT: 19.09 min Scan# 5160
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

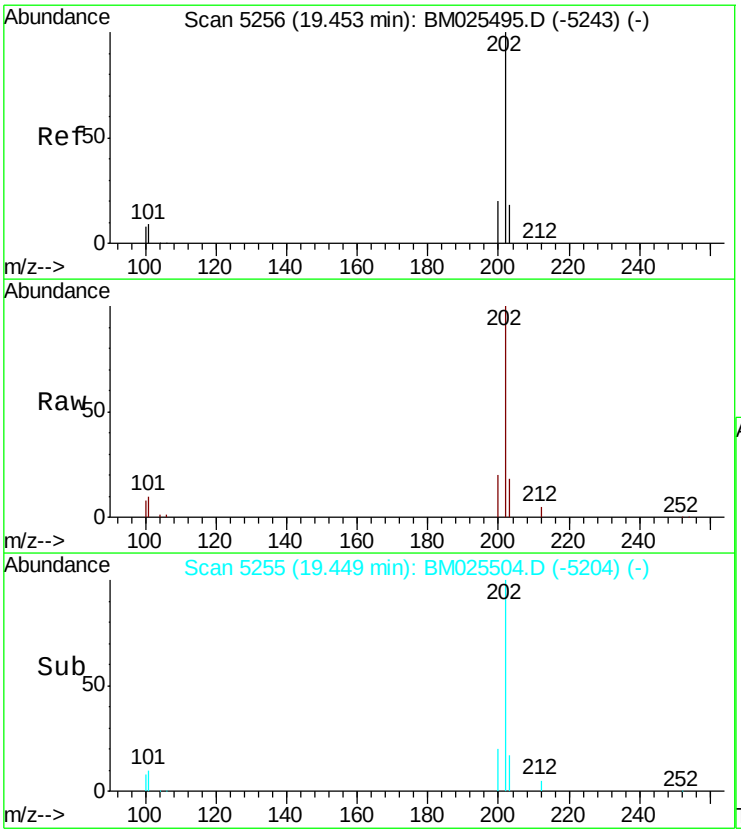
Tgt Ion:202 Resp: 52390

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	27.5
100	6.6	0.0	26.0

Instrument :
BNA_M
ClientSampleId :
C0CC8DL

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

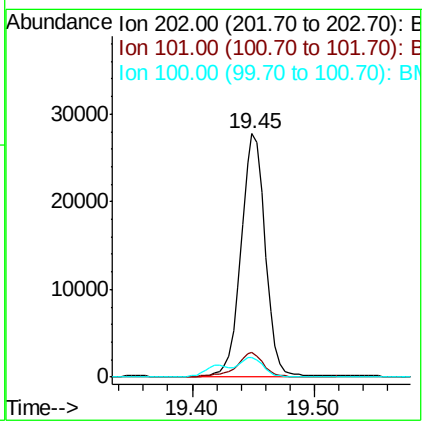


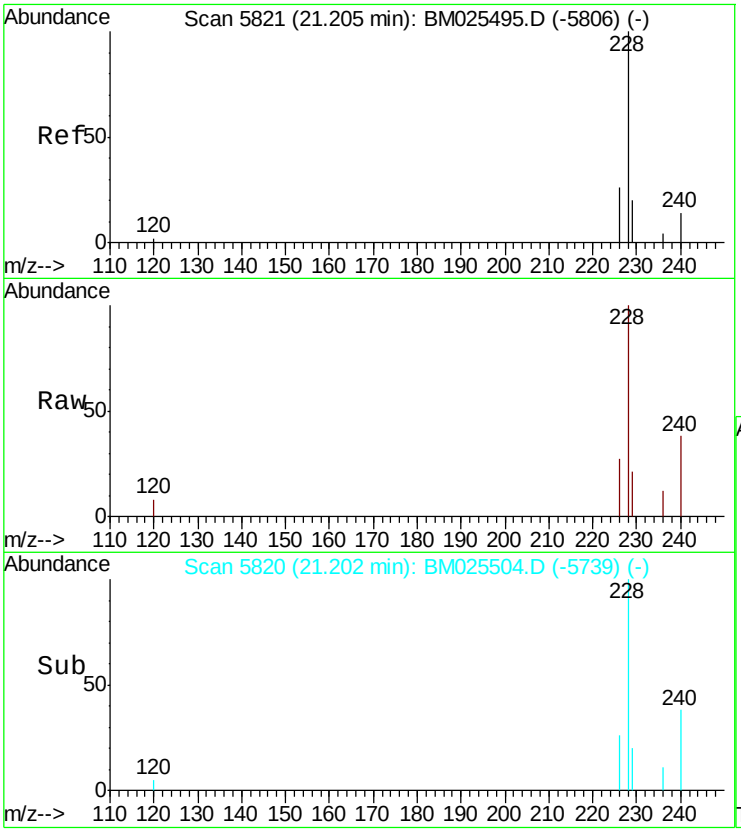


#17
Pyrene
Concen: 0.487 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:202 Resp: 37742

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	8.3	6.0	9.0

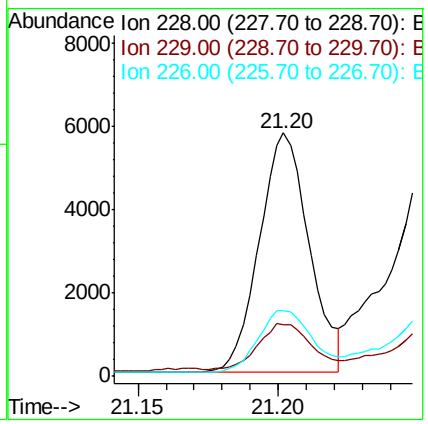




#18
Benzo(a)anthracene
Concen: 0.115 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

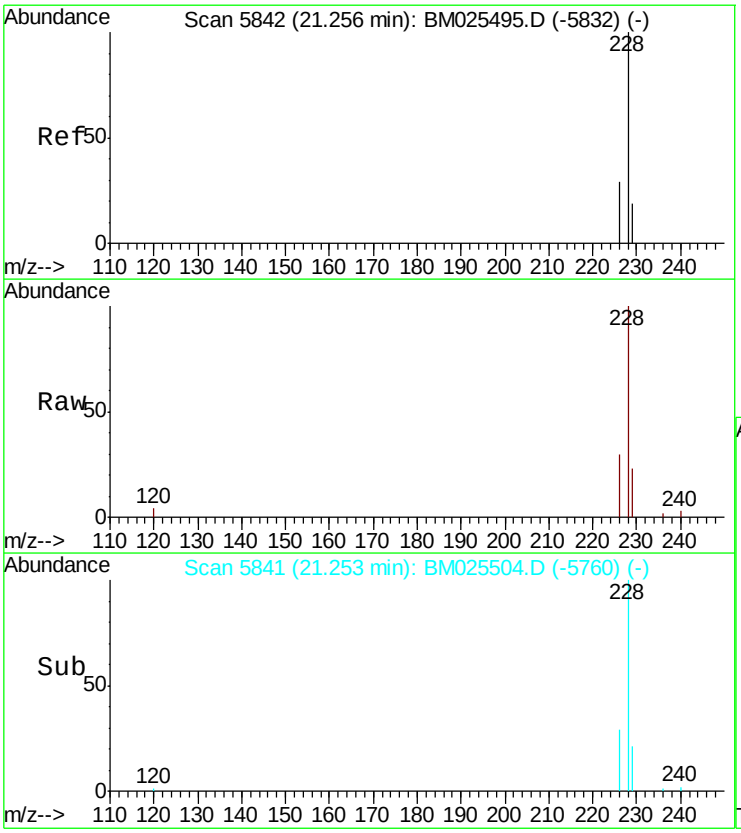
Tgt Ion:228 Resp: 7092

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	26.8	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
C0CC8DL

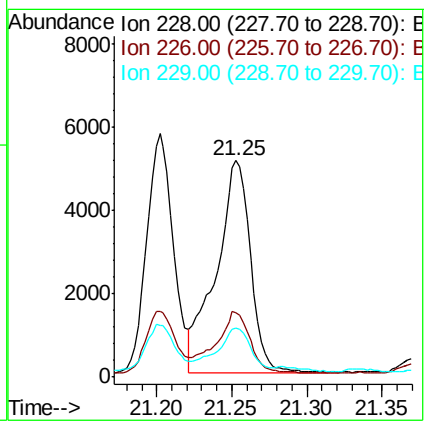
Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

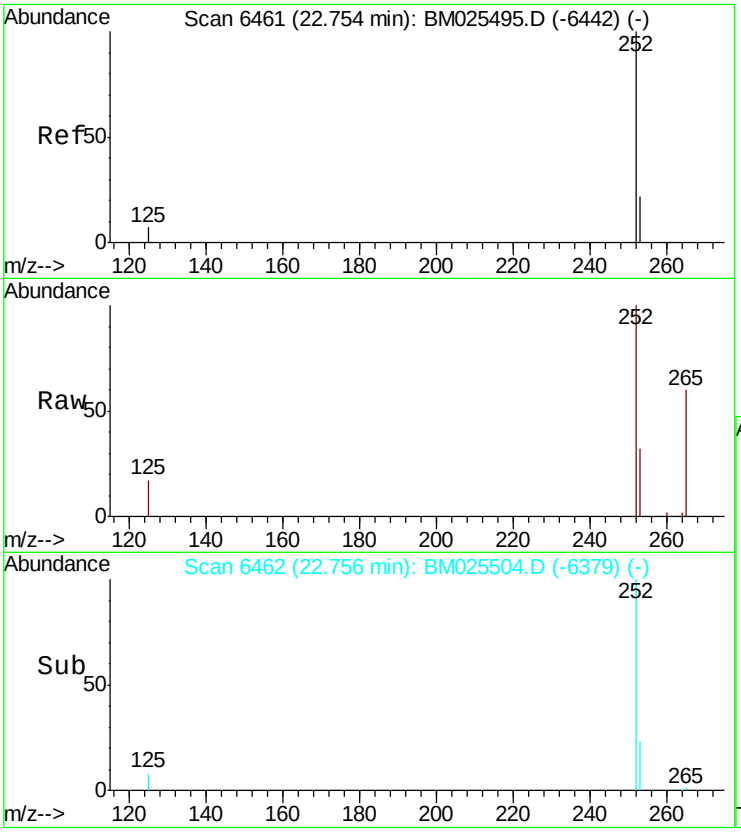


#19
Chrysene
Concen: 0.117 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:228 Resp: 8114

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	22.6	16.3	24.5

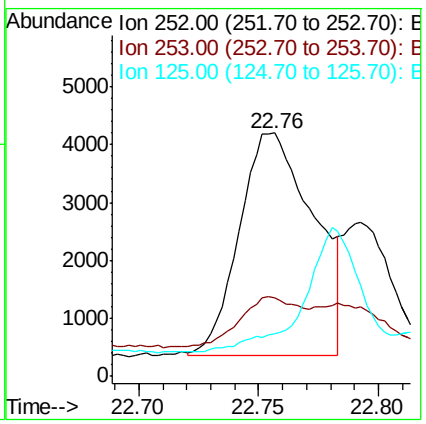




#21
Benzo(b)fluoranthene
Concen: 0.131 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

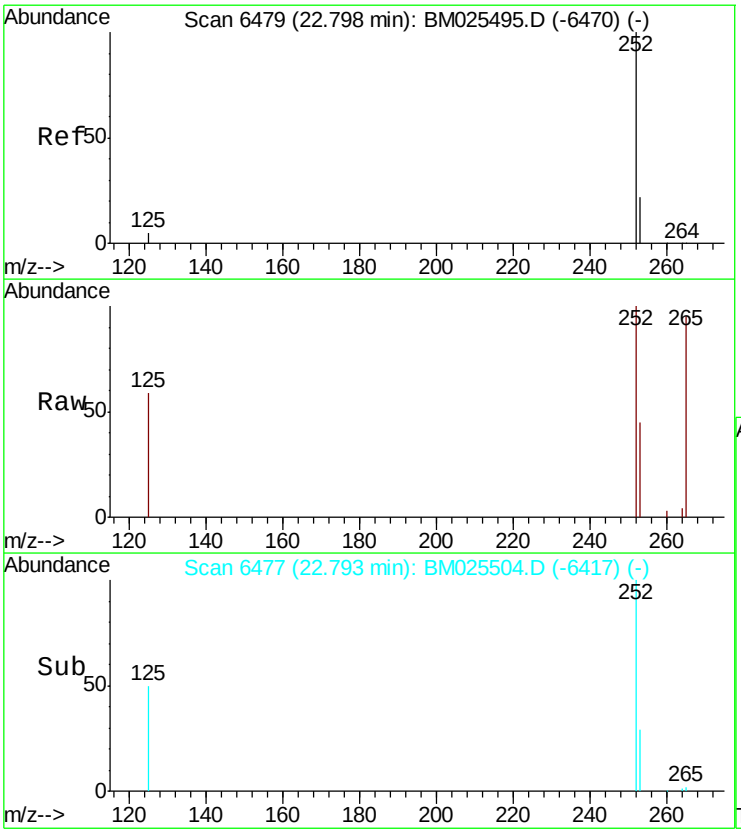
Tgt Ion:252 Resp: 8298

Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	50.2
125	17.4	0.0	17.6



Instrument :
BNA_M
ClientSampleId :
C0CC8DL

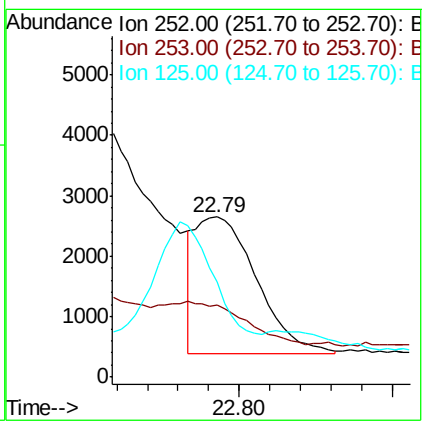
Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

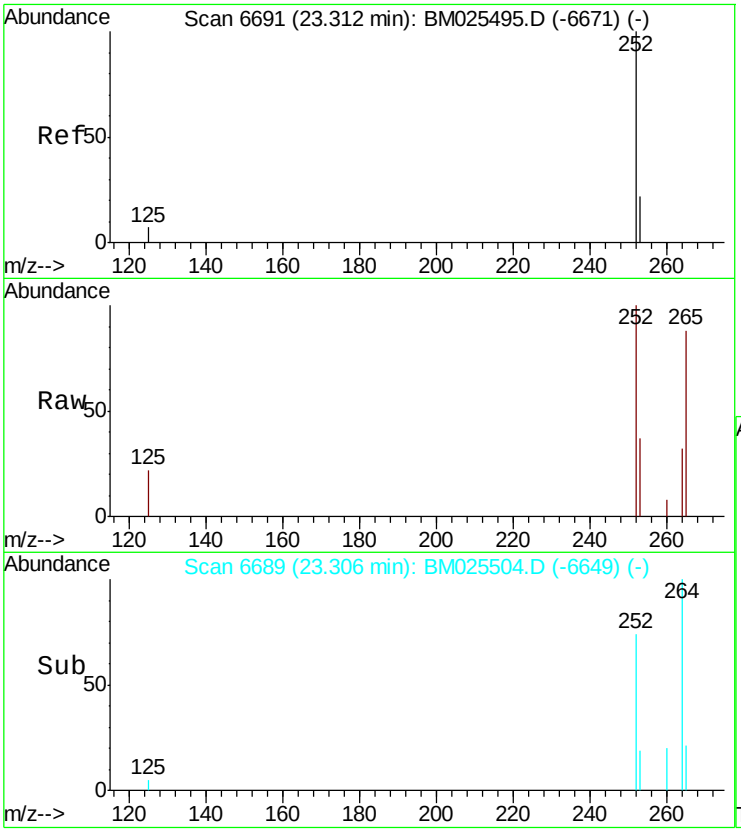


#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:252 Resp: 3147

Ion	Ratio	Lower	Upper
252	100		
253	45.1	19.8	29.8#
125	59.4	7.1	10.7#





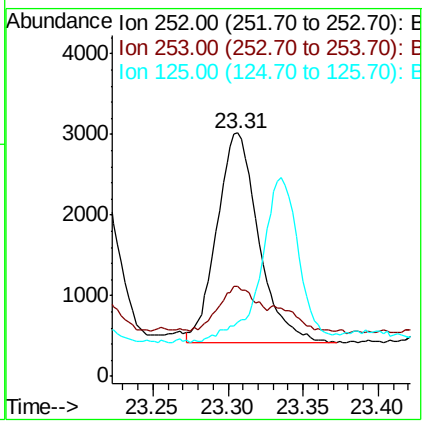
#23
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.31 min Scan# 6689
Delta R.T. -0.00 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

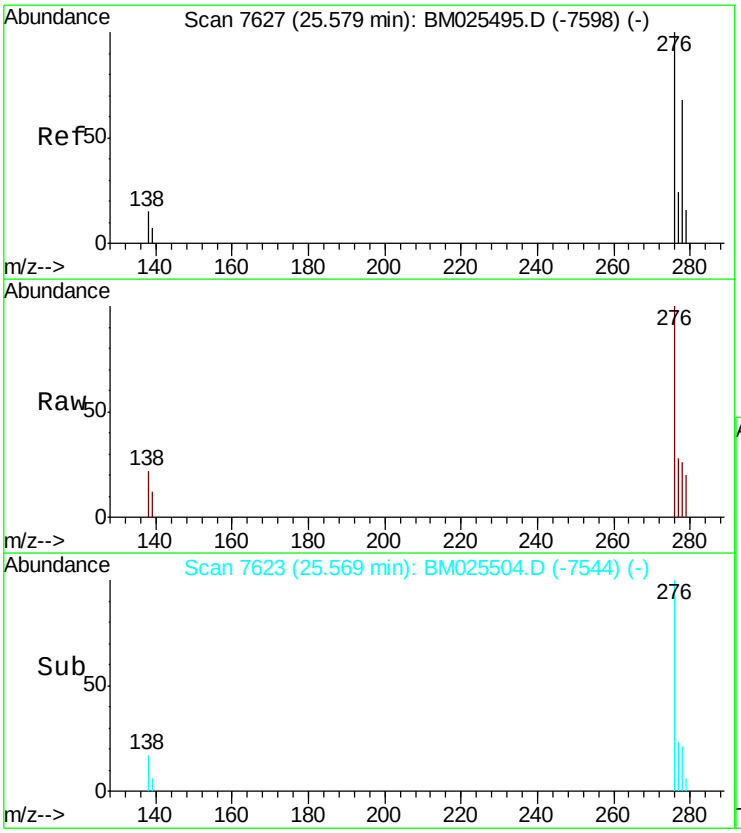
Tgt Ion:252 Resp: 5059

Ion	Ratio	Lower	Upper
252	100		
253	37.2	21.3	31.9#
125	22.3	8.5	12.7#

Instrument :
BNA_M
ClientSampleId :
C0CC8DL

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM

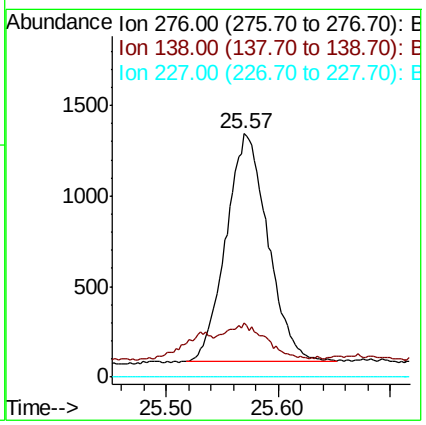


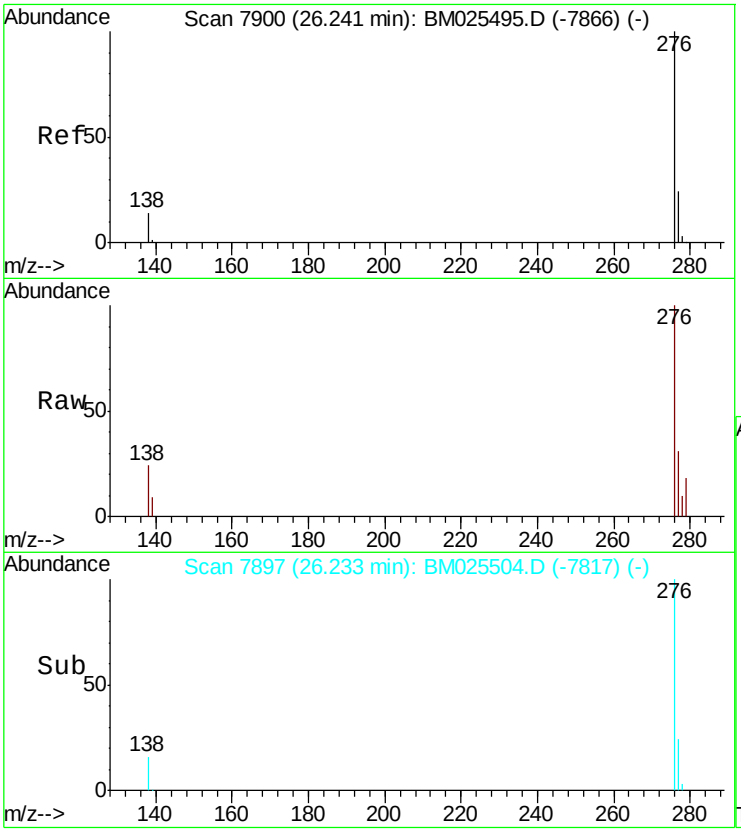


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 25.57 min Scan# 7623
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:276 Resp: 3287

Ion	Ratio	Lower	Upper
276	100		
138	25.2	12.3	18.5#
227	0.0	0.0	0.0

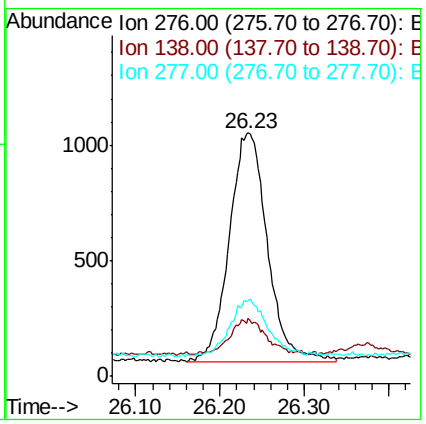




#26
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.23 min Scan# 7897
Delta R.T. -0.01 min
Lab File: BM025504.D
Acq: 11 Mar 2020 22:57

Tgt Ion:276 Resp: 3090

Ion	Ratio	Lower	Upper
276	100		
138	23.7	11.0	16.4#
277	31.0	19.8	29.6#



Instrument :
BNA_M
ClientSampleId :
C0CC8DL

Manual Integrations APPROVED
mohammad
3/13/2020 8:49:33 AM