Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021788.D
Acq On : 04 Aug 2019 00:11
Operator : HP/JU
Sample : K3850-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 04 04:43:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BENR9

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1170	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4627	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2727	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	7217m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.24	240	7739m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	8261m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1361	0.18	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	5158m	0.21	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.47	128	3082	0.236	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	2120	0.243	ng/ul	96
7) Acenaphthylene	14.01	152	10657	0.838	ng/ul	96
8) Acenaphthene	14.35	153	1853	0.178	ng/ul	96
9) Fluorene	15.35	166	3551	0.307	ng/ul	98
12) Phenanthrene	17.08	178	70055m	3.336	ng/ul	
13) Anthracene	17.18	178	14186m	0.792	ng/ul	
15) Fluoranthene	19.11	202	195866m	6.963	ng/ul	
17) Pyrene	19.47	202	168066	5.285	ng/ul	96
18) Benzo(a)anthracene	21.22	228	99555	3.596	ng/ul	99
19) Chrysene	21.28	228	116950	3.285	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	176627m	6.340	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	76132m	2.415	ng/ul	
23) Benzo(a)pyrene	23.36	252	121542	4.290	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.68	276	101291	2.994	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.68	278	23659	0.865	ng/ul	95
26) Benzo(g,h,i)perylene	26.36	276	108877	3.575	ng/ul#	93

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

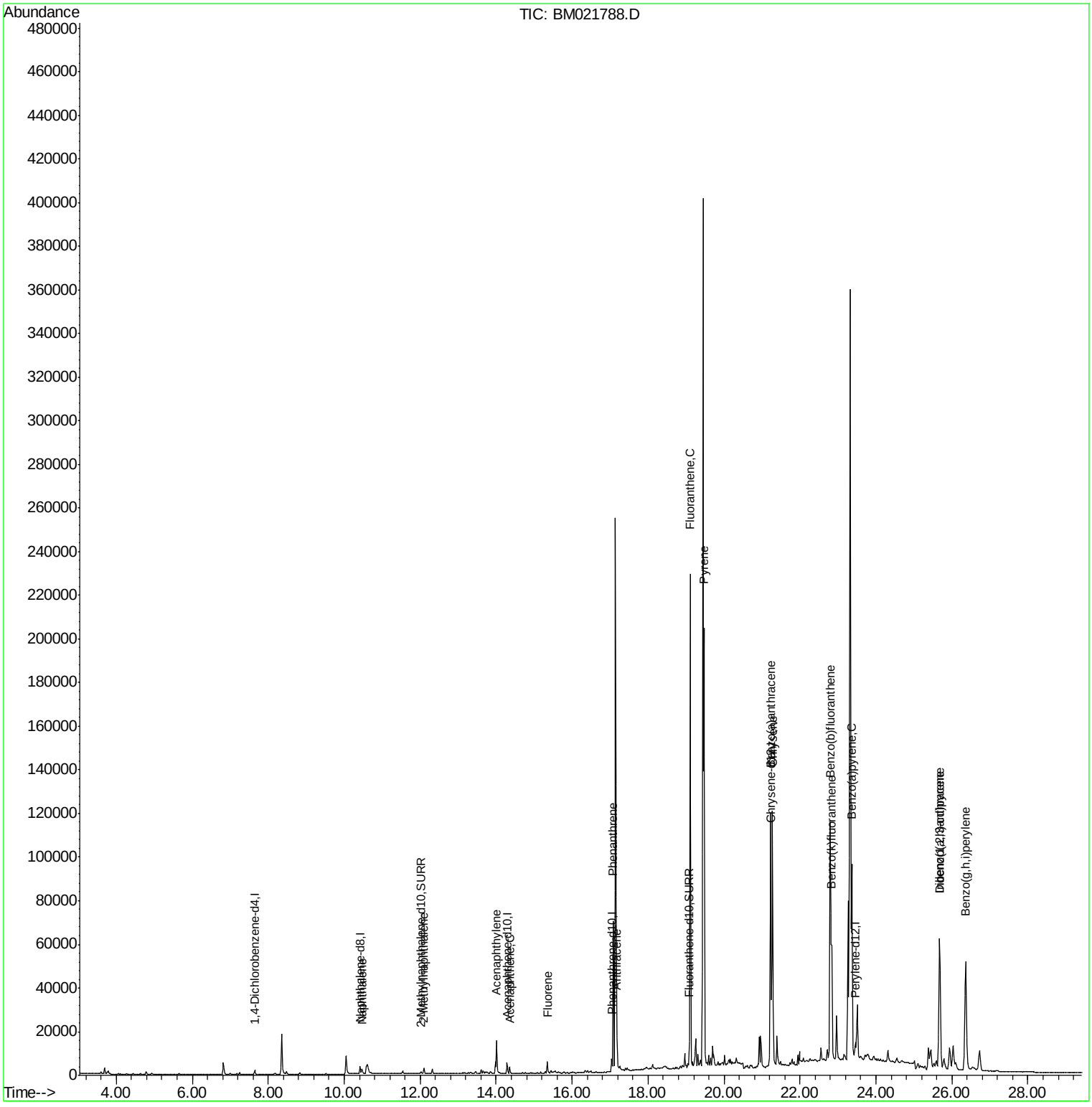
Quantitation Report (QT Reviewed)

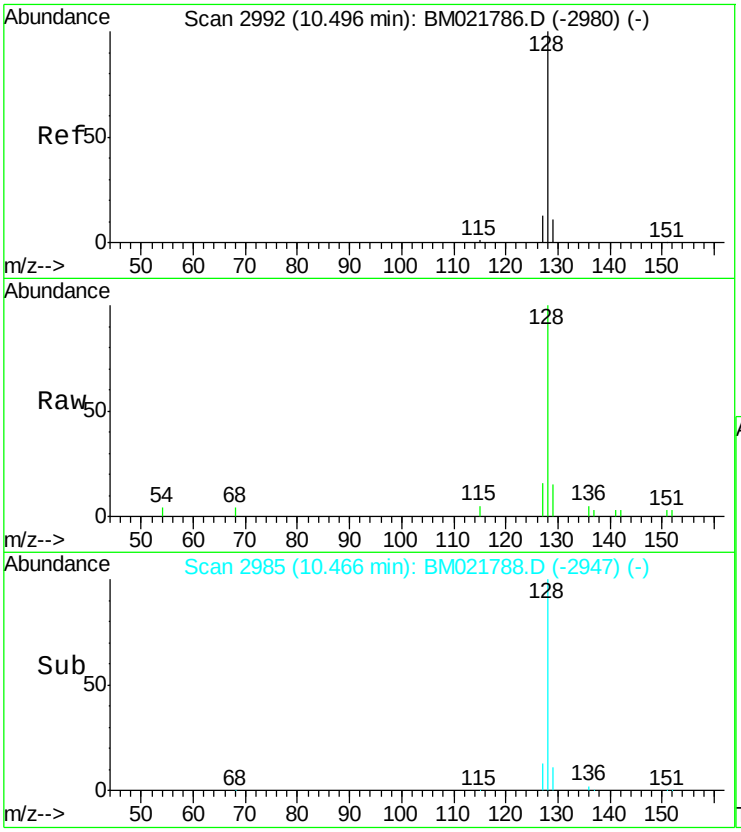
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021788.D
Acq On : 04 Aug 2019 00:11
Operator : HP/JU
Sample : K3850-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 04 04:43:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENR9

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

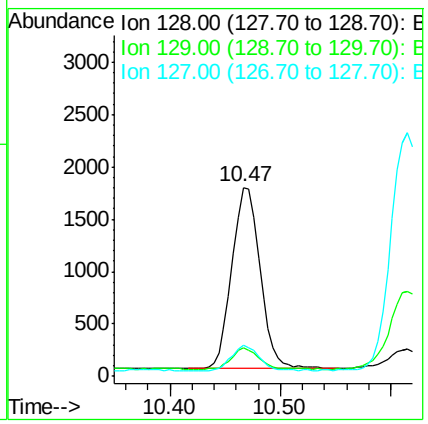




#3
Naphthalene
Concen: 0.236 ng/ul
RT: 10.47 min Scan# 2985
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

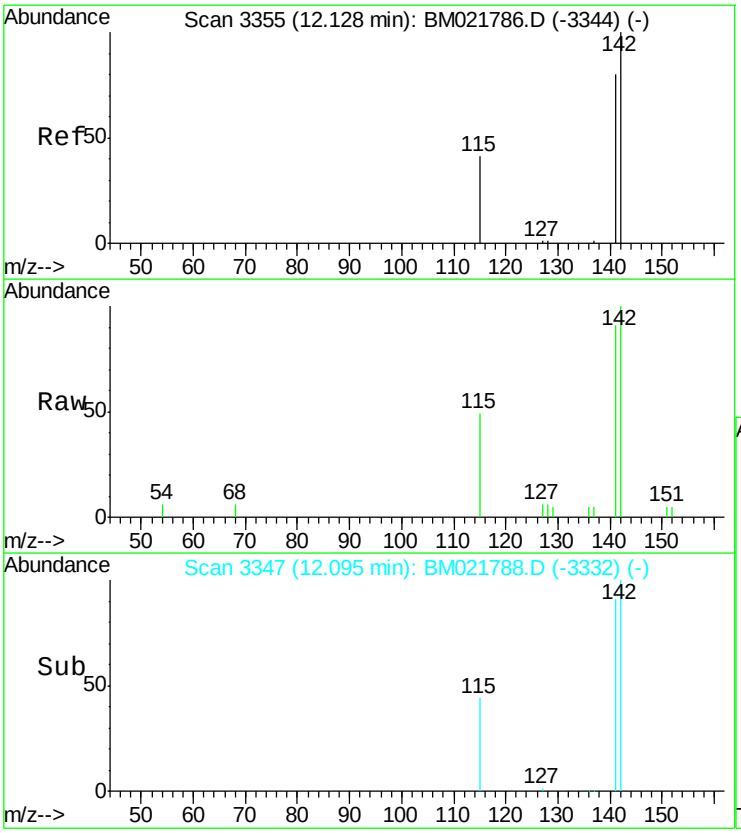
Tgt Ion:128 Resp: 3082

Ion	Ratio	Lower	Upper
128	100		
129	14.8	12.3	18.5
127	16.1	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
BENR9

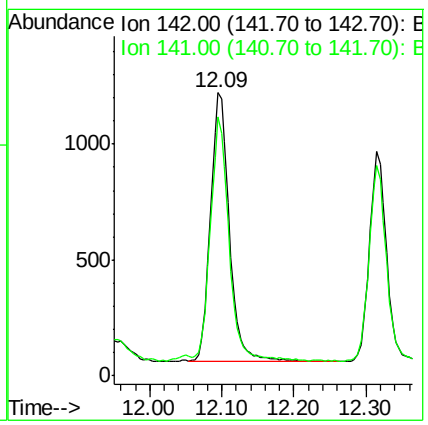
Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

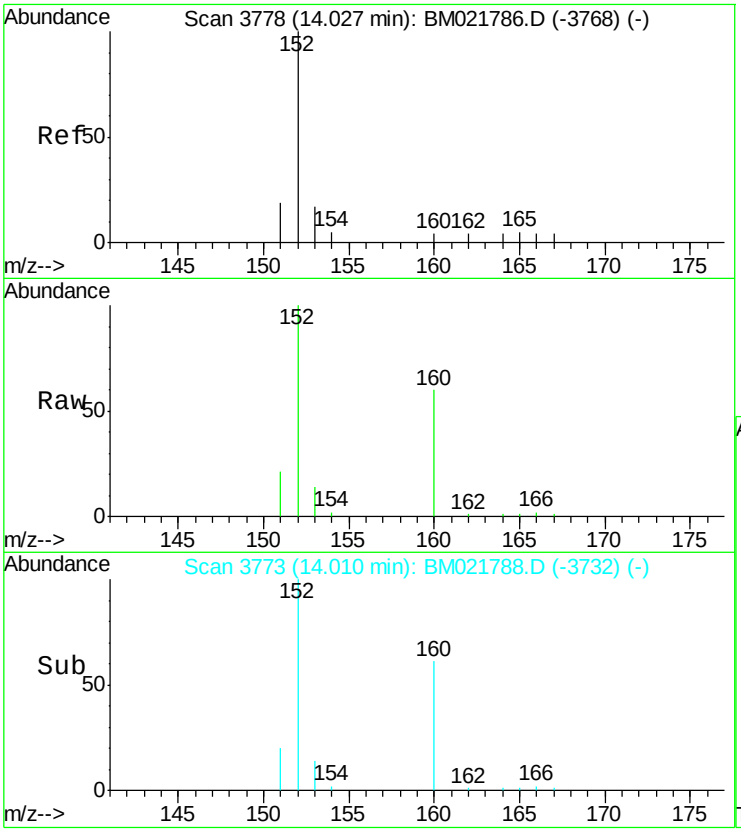


#5
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.09 min Scan# 3347
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:142 Resp: 2120

Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.3	111.5

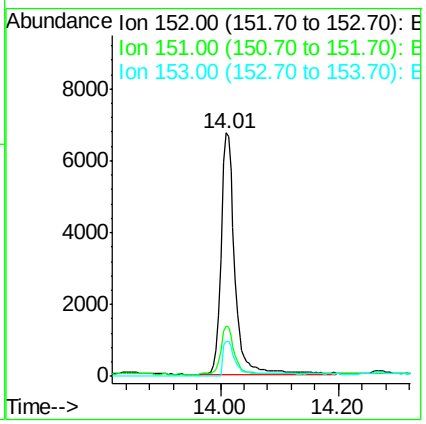




#7
Acenaphthylene
Concen: 0.838 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

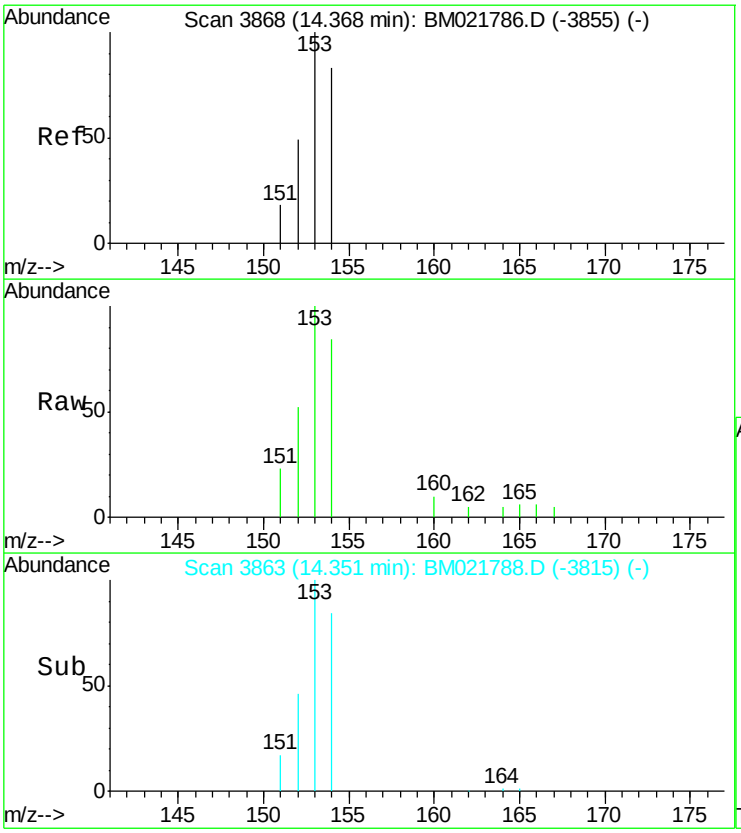
Tgt Ion:152 Resp: 10657

Ion	Ratio	Lower	Upper
152	100		
151	20.9	18.3	27.5
153	14.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
BENR9

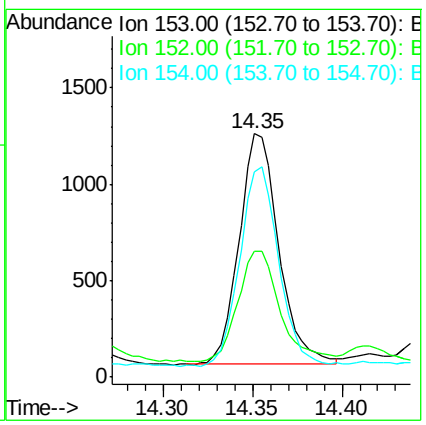
Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

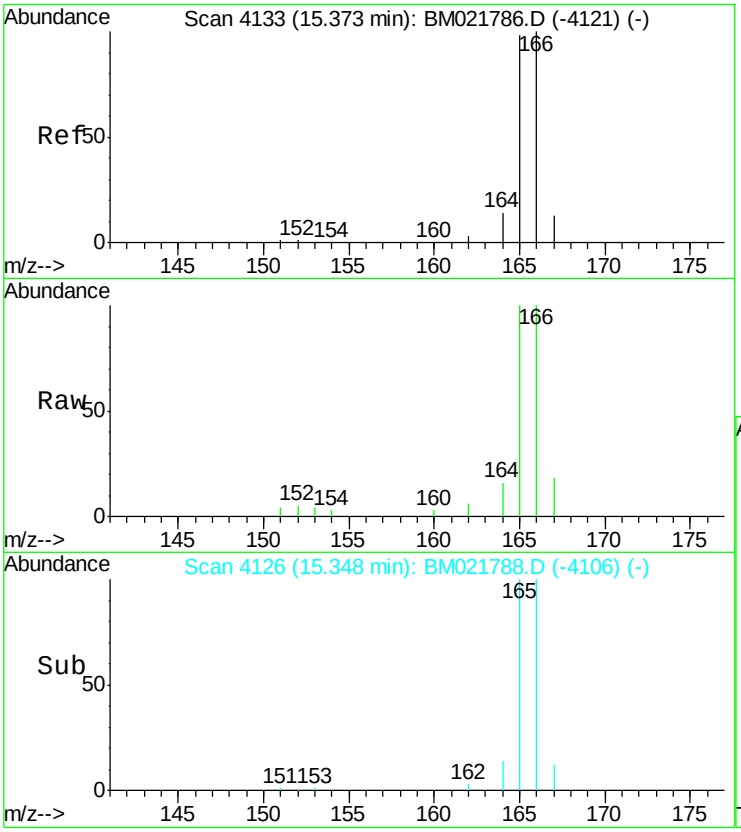


#8
Acenaphthene
Concen: 0.178 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:153 Resp: 1853

Ion	Ratio	Lower	Upper
153	100		
152	51.7	41.3	61.9
154	84.1	72.3	108.5

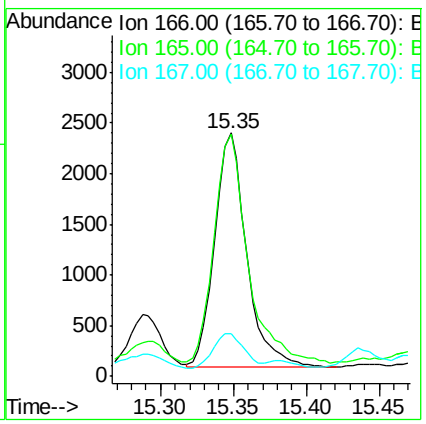




#9
Fluorene
Concen: 0.307 ng/ul
RT: 15.35 min Scan# 4126
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

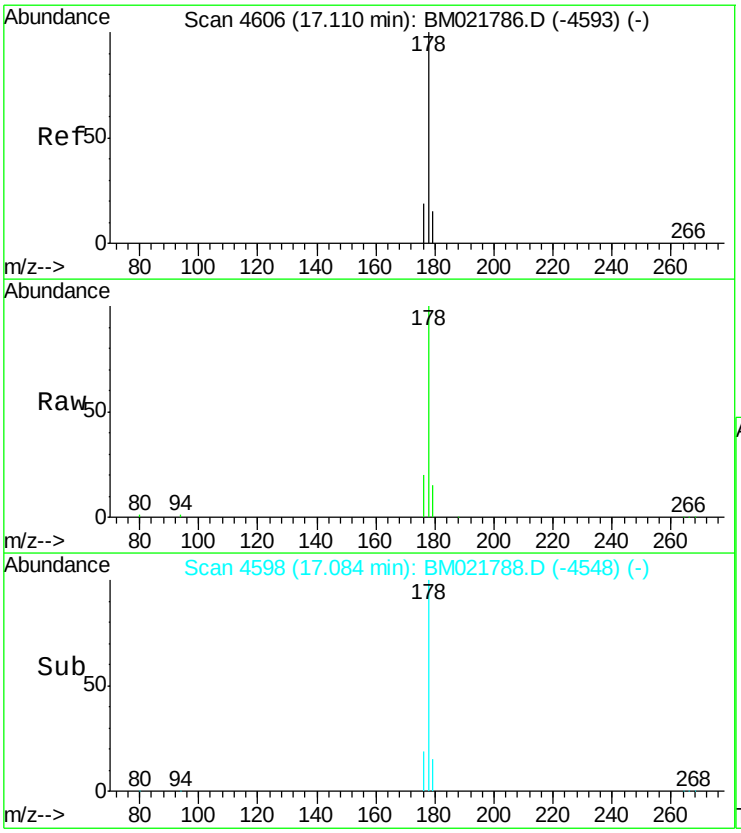
Tgt Ion:166 Resp: 3551

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.4	122.0
167	17.7	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENR9

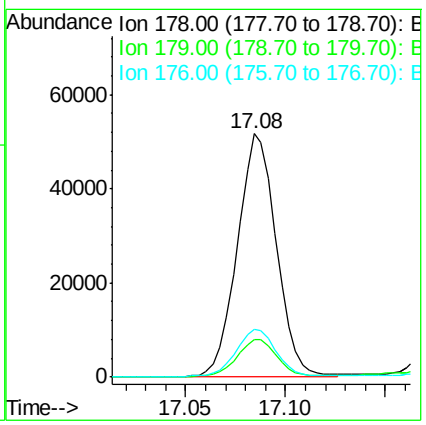
Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

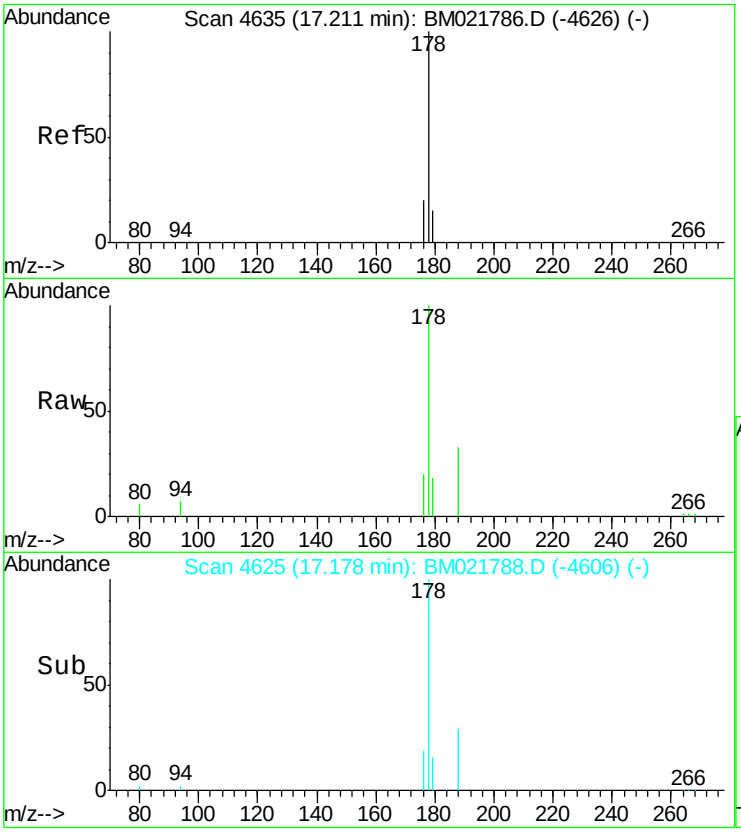


#12
Phenanthrene
Concen: 3.336 ng/ul m
RT: 17.08 min Scan# 4598
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:178 Resp: 70055

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2

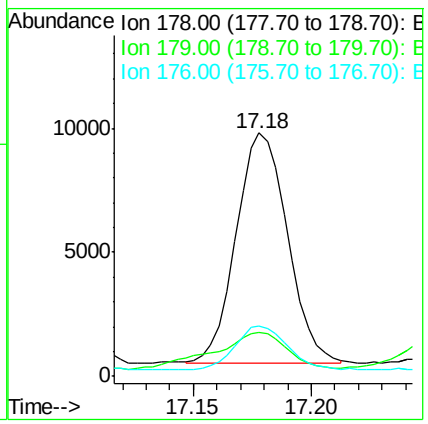




#13
Anthracene
Concen: 0.792 ng/ul m
RT: 17.18 min Scan# 4625
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

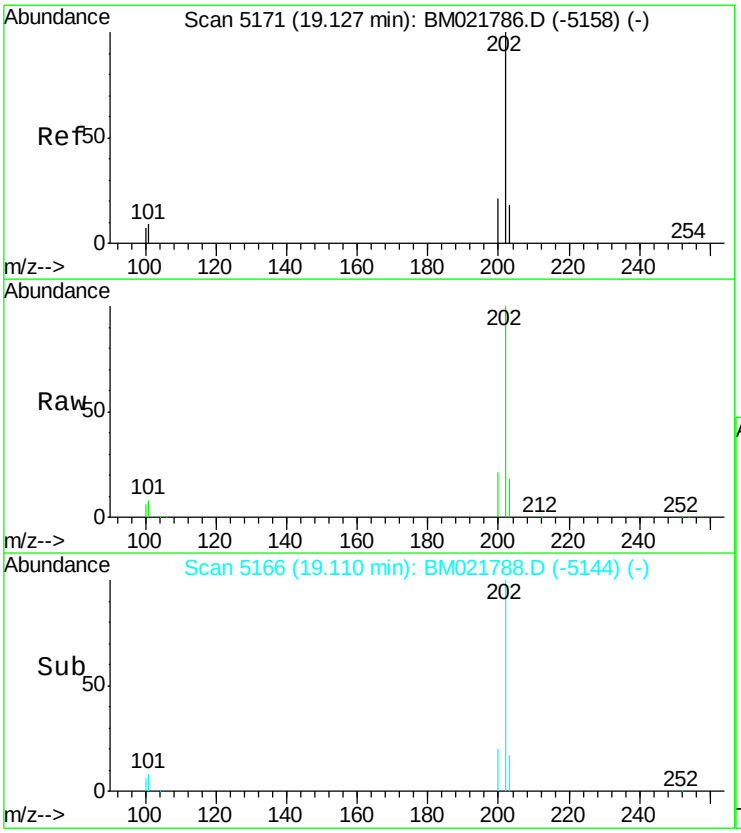
Tgt Ion:178 Resp: 14186

Ion	Ratio	Lower	Upper
178	100		
179	18.0	15.5	23.3
176	20.5	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENR9

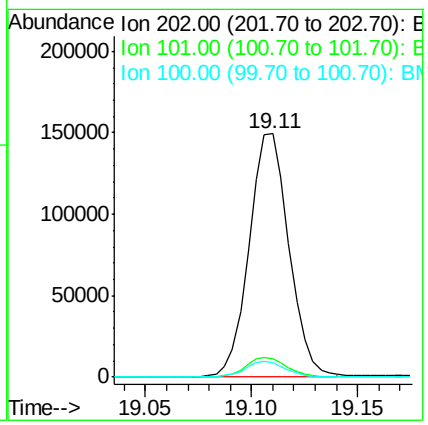
Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

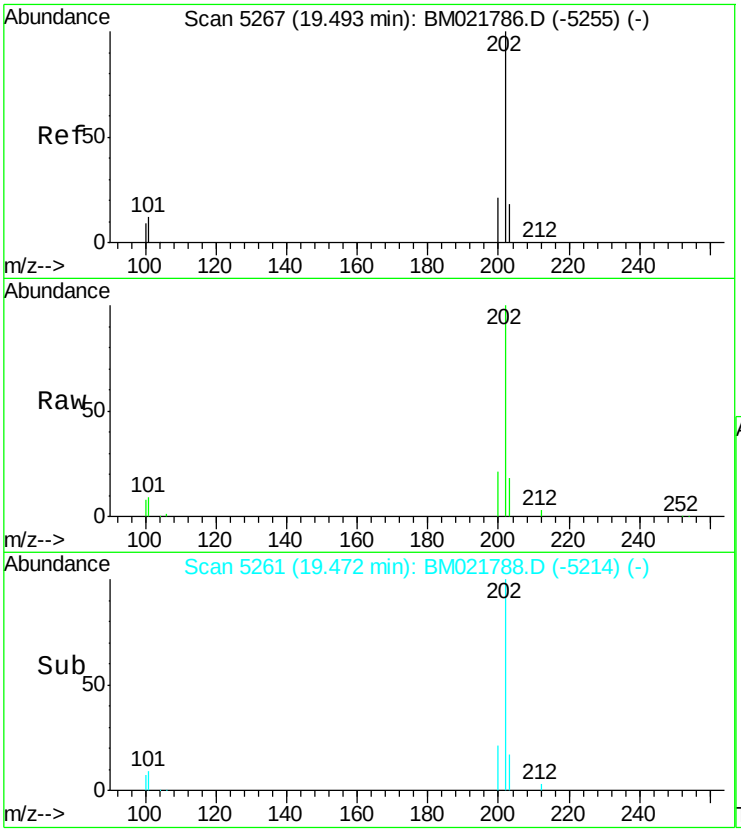


#15
Fluoranthene
Concen: 6.963 ng/ul m
RT: 19.11 min Scan# 5166
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:202 Resp: 195866

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.2
100	5.9	0.0	28.1

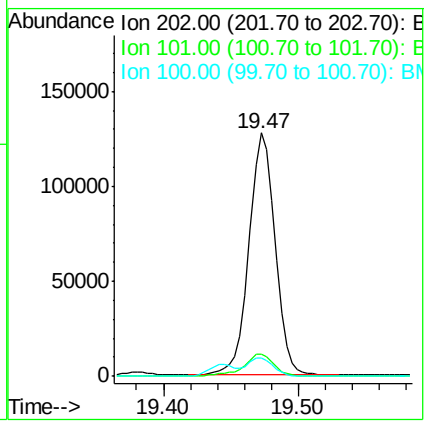




#17
Pyrene
Concen: 5.285 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

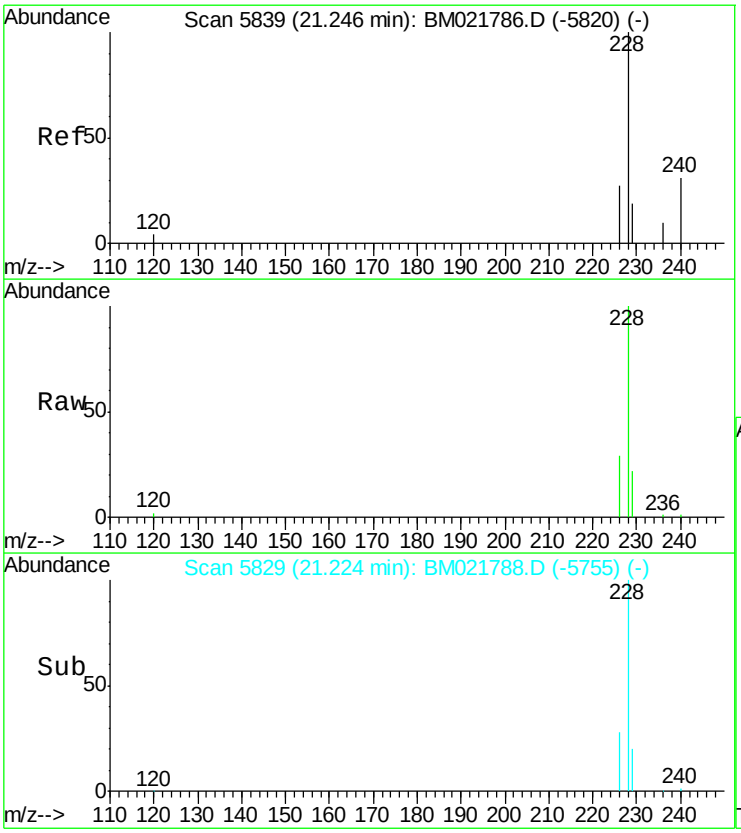
Tgt Ion:202 Resp: 168066

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.3	12.5
100	7.5	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENR9

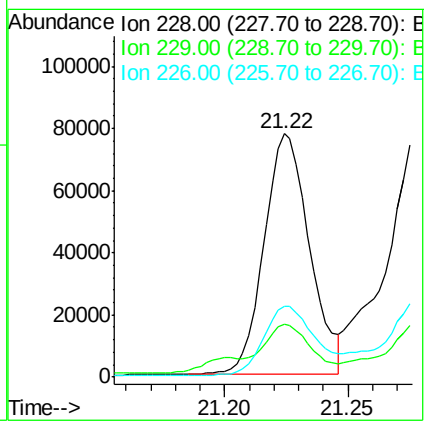
Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

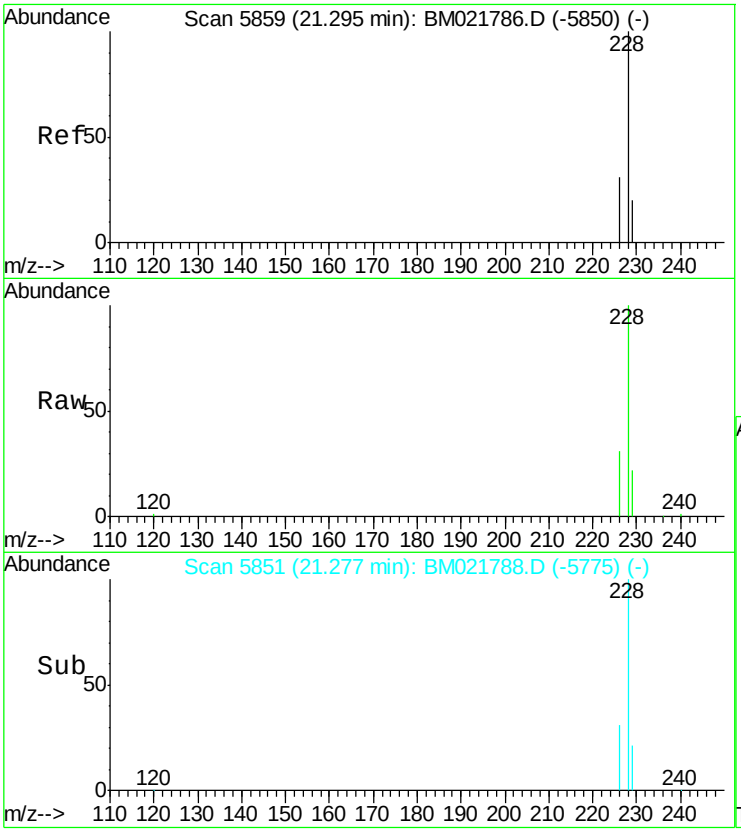


#18
Benzo(a)anthracene
Concen: 3.596 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:228 Resp: 99555

Ion	Ratio	Lower	Upper
228	100		
229	21.6	17.2	25.8
226	29.0	22.6	34.0





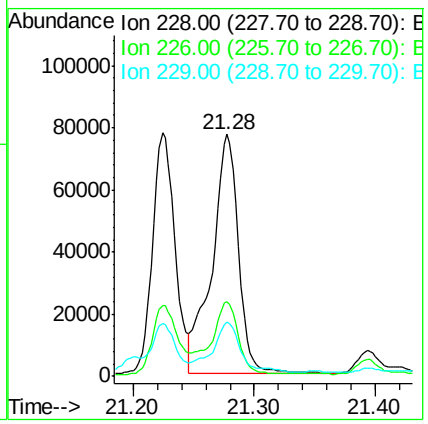
#19
Chrysene
Concen: 3.285 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

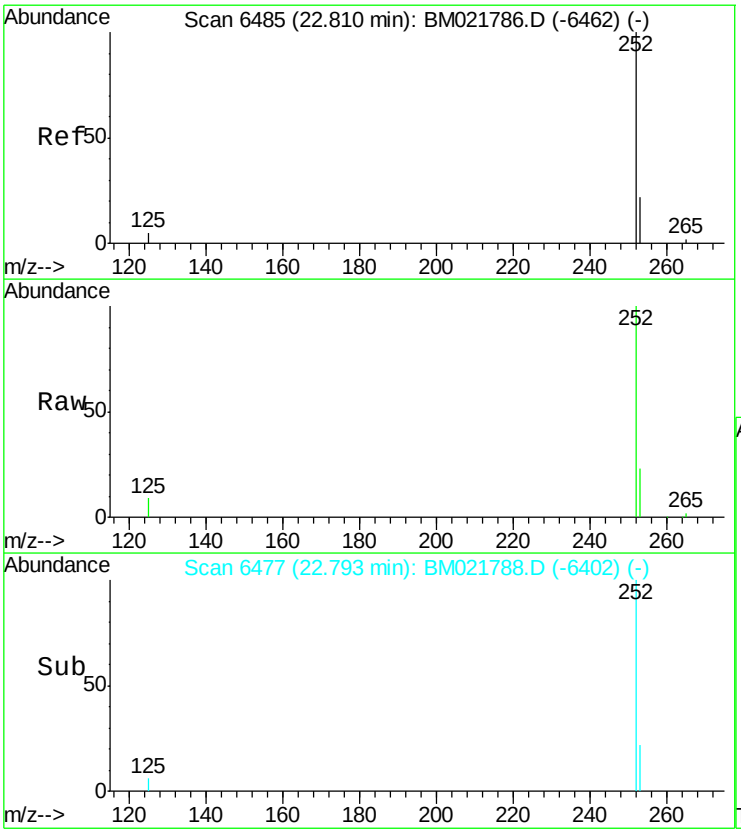
Tgt Ion:228 Resp: 116950

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.2	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
BENR9

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

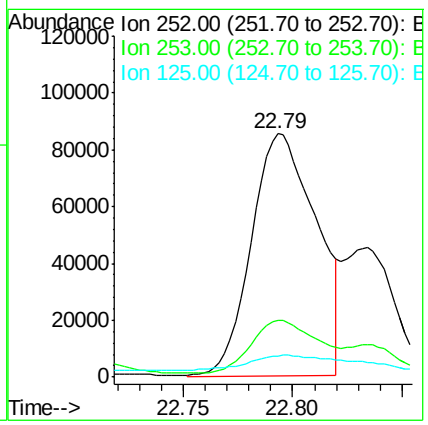


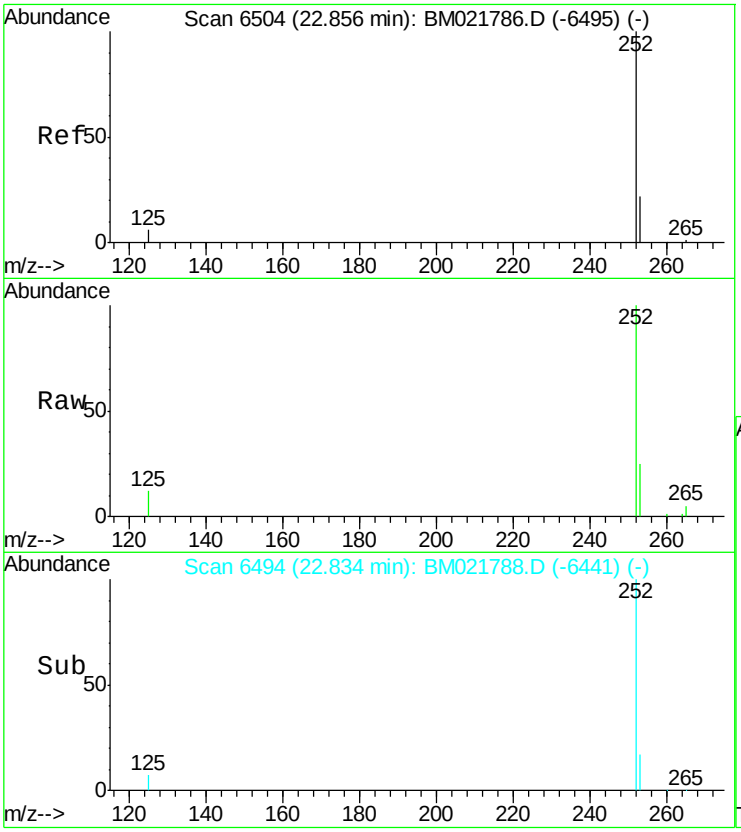


#21
Benzo(b)fluoranthene
Concen: 6.340 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:252 Resp: 176627

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	67.4
125	8.8	0.0	31.0





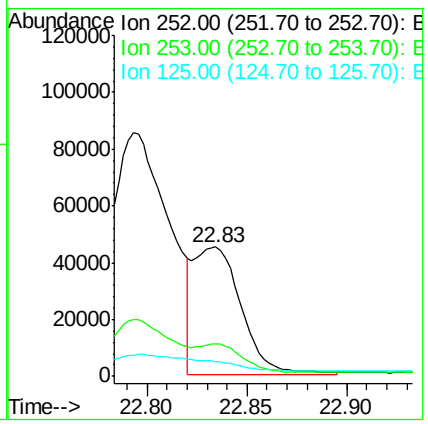
#22
Benzo(k)fluoranthene
Concen: 2.415 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.02 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

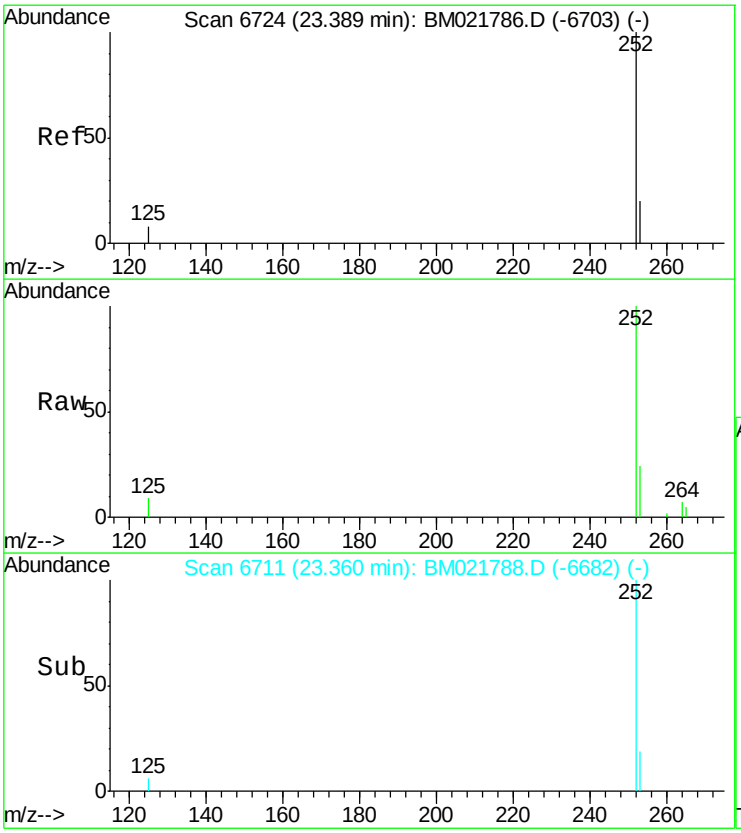
Tgt Ion:252 Resp: 76132

Ion	Ratio	Lower	Upper
252	100		
253	25.1	27.0	40.4#
125	11.6	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
BENR9

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

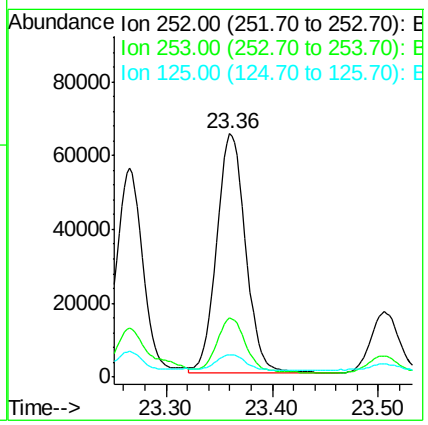


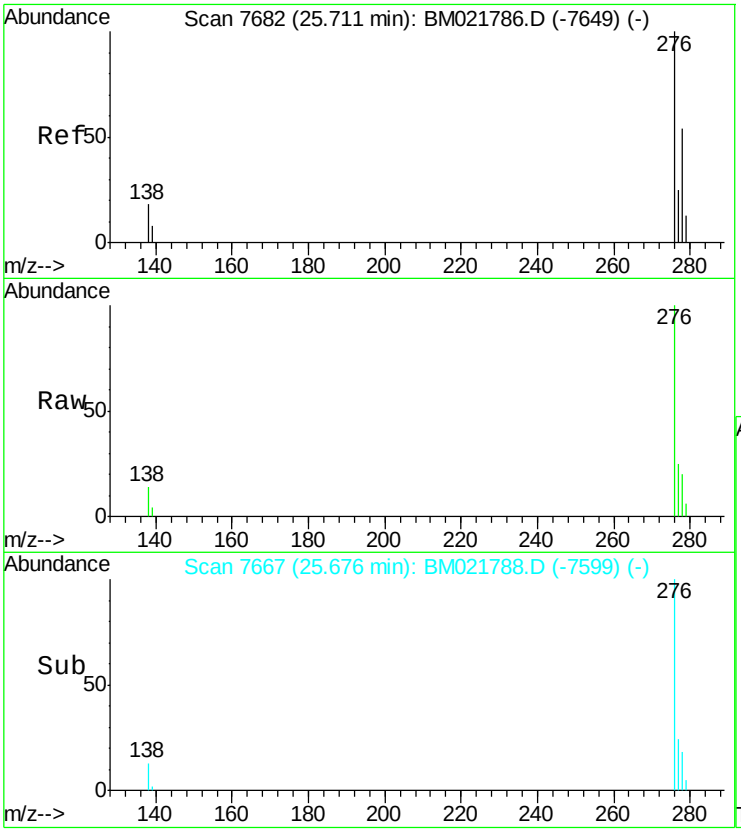


#23
Benzo(a)pyrene
Concen: 4.290 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:252 Resp: 121542

Ion	Ratio	Lower	Upper
252	100		
253	24.3	31.7	47.5#
125	9.3	14.6	21.8#





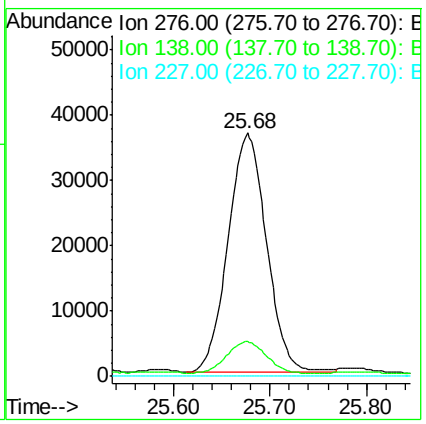
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.994 ng/ul
RT: 25.68 min Scan# 7667
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

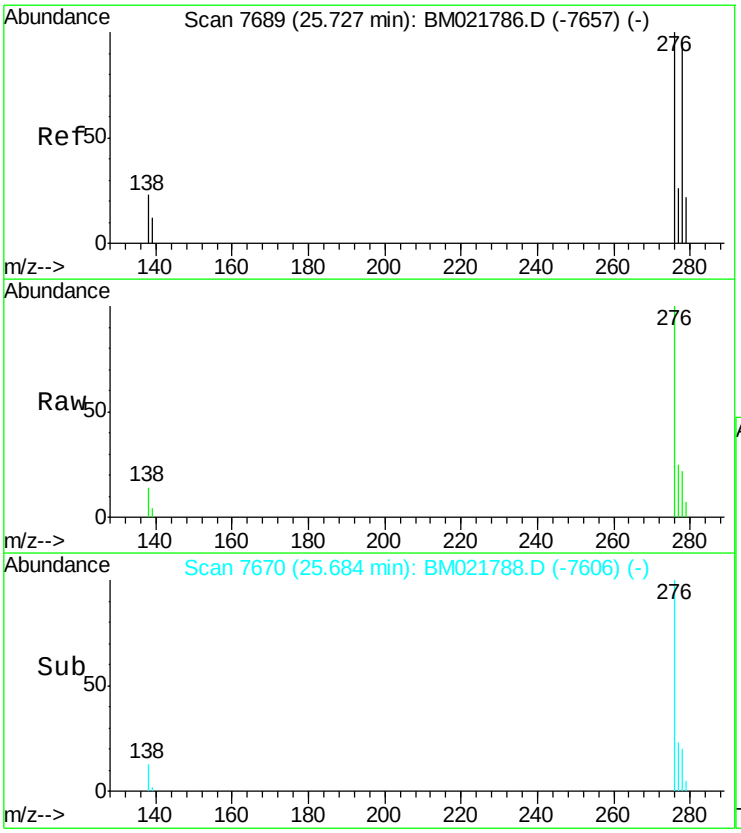
Tgt Ion:276 Resp: 101291

Ion	Ratio	Lower	Upper
276	100		
138	13.6	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
BENR9

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM

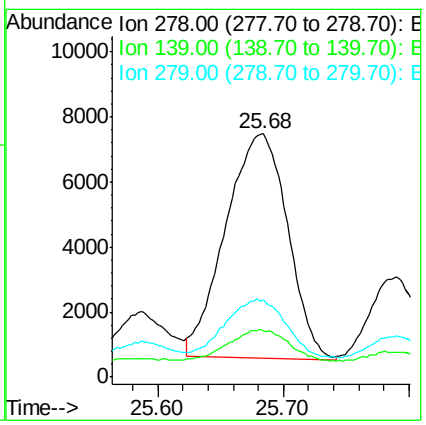


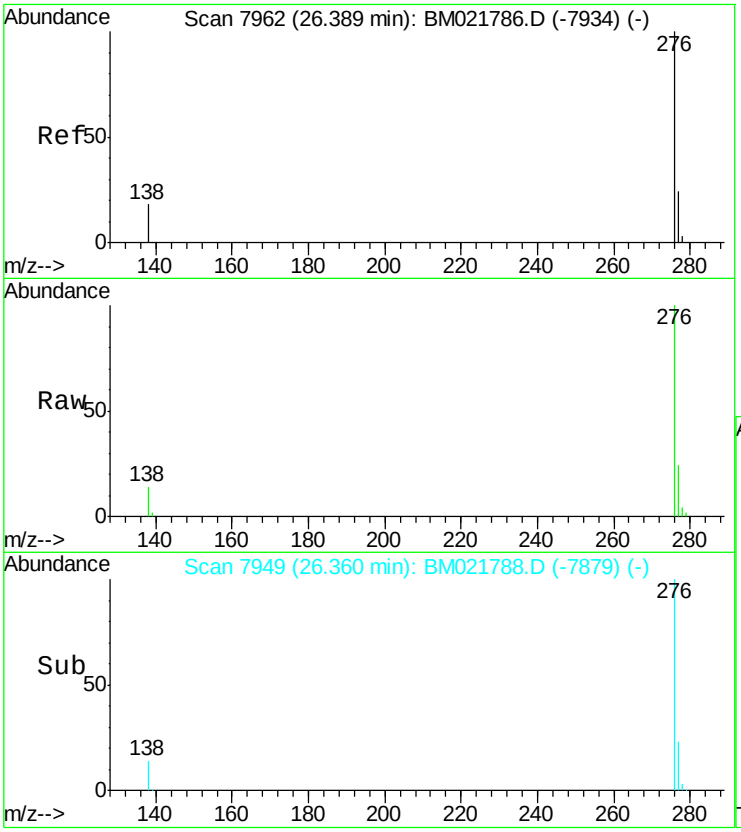


#25
Dibenzo(a,h)anthracene
Concen: 0.865 ng/ul
RT: 25.68 min Scan# 7670
Delta R.T. -0.04 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:278 Resp: 23659

Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.2	21.2
279	31.7	28.3	42.5

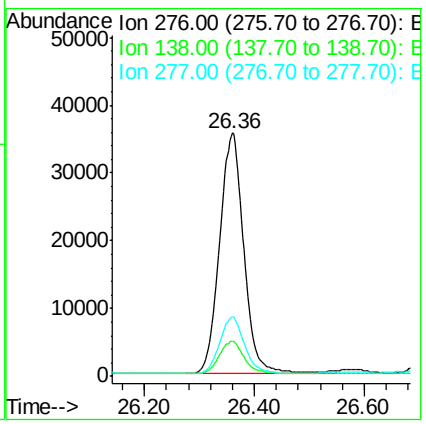




#26
Benzo(g,h,i)perylene
Concen: 3.575 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.03 min
Lab File: BM021788.D
Acq: 04 Aug 2019 00:11

Tgt Ion:276 Resp: 108877

Ion	Ratio	Lower	Upper
276	100		
138	14.5	15.5	23.3#
277	24.3	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENR9

Manual Integrations APPROVED
mohammad
8/5/2019 10:14:03 PM