Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
Data File : BM009639.D
Acq On : 07 Apr 2017 21:14
Operator : SJ/MA
Sample : I2525-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB354

Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

Quant Time: Apr 08 01:54:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 08 01:45:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	174181	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	695731	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	400476	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	947294	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1161960	20.00	ng/ul	0.00
23) Perylene-d12	23.75	264	1098246	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	277517	25.94	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1152786	29.37	ng/ul	0.00
10) Fluorene-d10	15.48	176	801497	28.39	ng/ul	0.00
15) Anthracene-d10	17.34	188	1272030	28.07	ng/ul	0.00
19) Pyrene-d10	19.63	212	1454507	30.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	1400954	28.89	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.69	128	268998	7.54	ng/ul	98
5) 2-Methylnaphthalene	12.30	142	103217	3.97	ng/ul	95
8) Acenaphthylene	14.21	152	212633	5.40	ng/ul	100
9) Acenaphthene	14.55	153	260895	9.62	ng/ul	94
11) Fluorene	15.54	166	314981	9.52	ng/ul	99
14) Phenanthrene	17.29	178	6508442	122.21	ng/ul	98
16) Anthracene	17.37	178	1214090	22.04	ng/ul	97
17) Fluoranthene	19.30	202	9248814	139.44	ng/ul	97
20) Pyrene	19.67	202	8377566	132.41	ng/ul	96
21) Benzo(a)anthracene	21.41	228	3980892	60.60	ng/ul	99
22) Chrysene	21.46	228	3794501	63.01	ng/ul	98
24) Benzo(b)fluoranthene	23.05	252	4903349	72.19	ng/ul	98
25) Benzo(k)fluoranthene	23.09	252	1515255m	23.41	ng/ul	
27) Benzo(a)pyrene	23.66	252	3511480	54.38	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.13	276	2329493	32.18	ng/ul#	95
29) Dibenzo(a,h)anthracene	26.13	278	615789m	10.01	ng/ul	
30) Benzo(g,h,i)perylene	26.87	276	2272361	38.07	ng/ul#	93

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

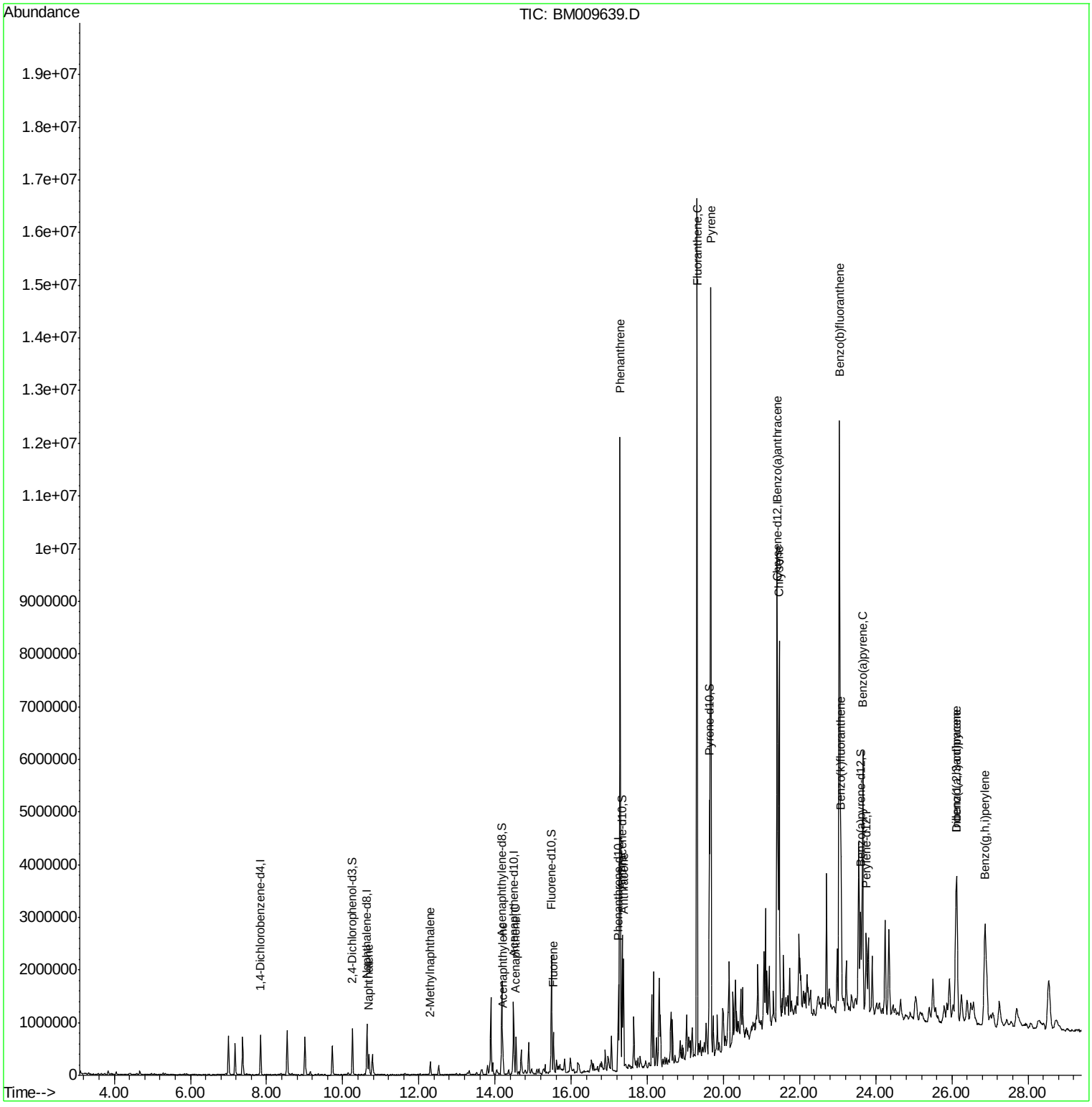
Quantitation Report (QT Reviewed)

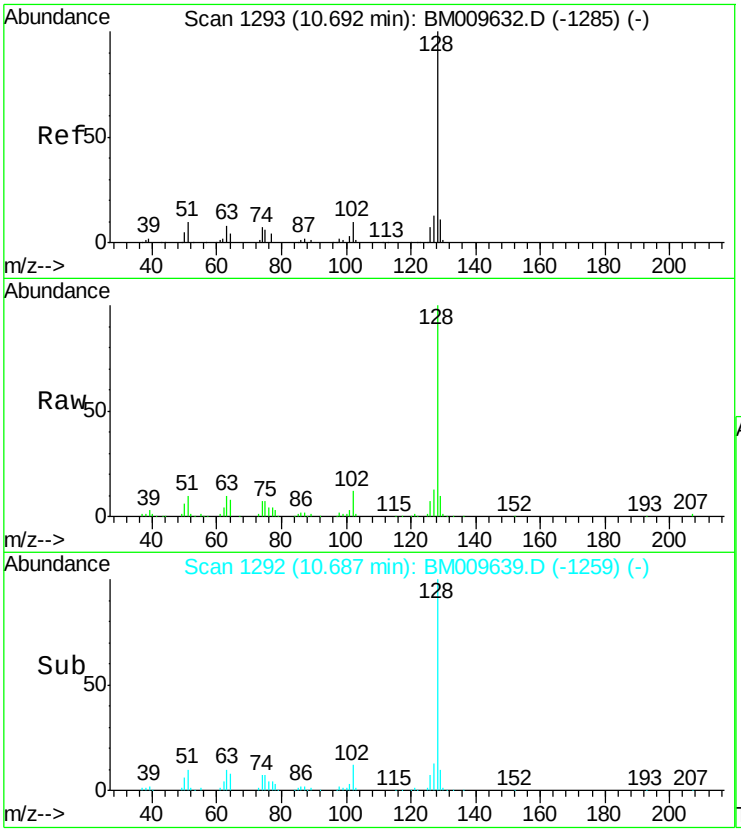
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040817\
Data File : BM009639.D
Acq On : 07 Apr 2017 21:14
Operator : SJ/MA
Sample : I2525-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 08 01:54:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 08 01:45:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB354

Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

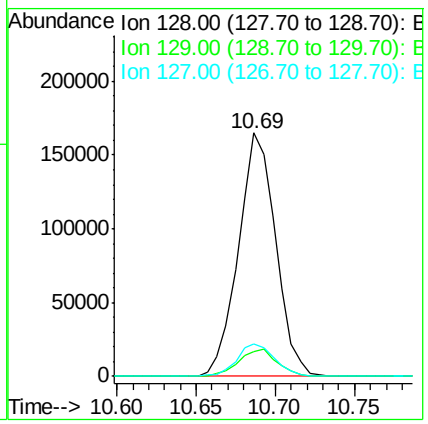




#4
Naphthalene
Concen: 7.54 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

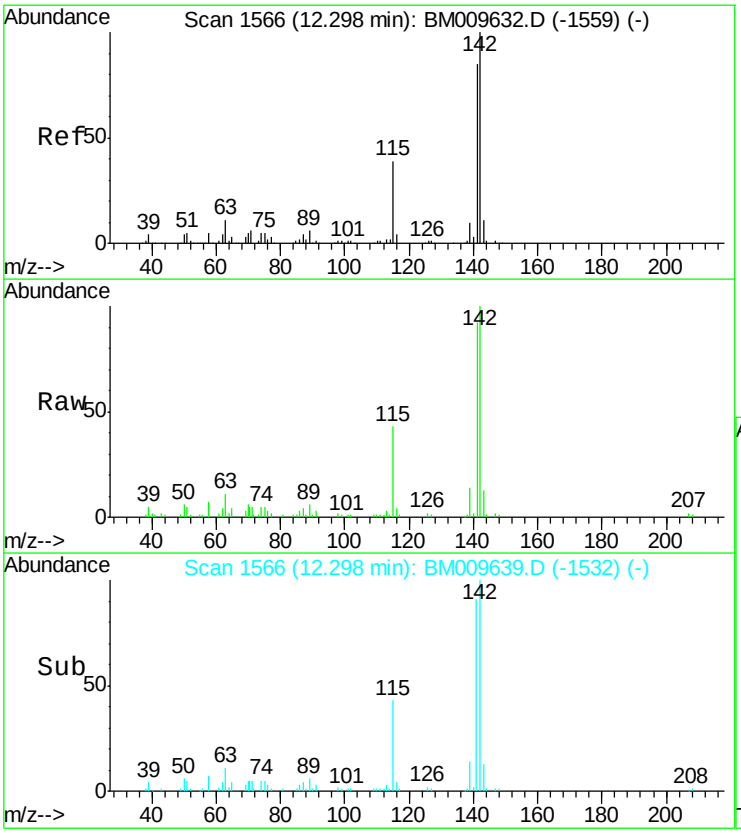
Tgt Ion:128 Resp: 268998

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.1	13.7
127	13.4	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
CB354

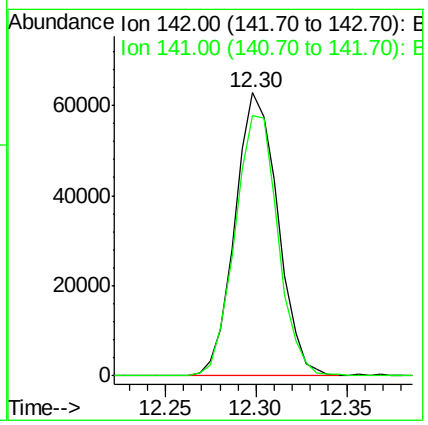
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

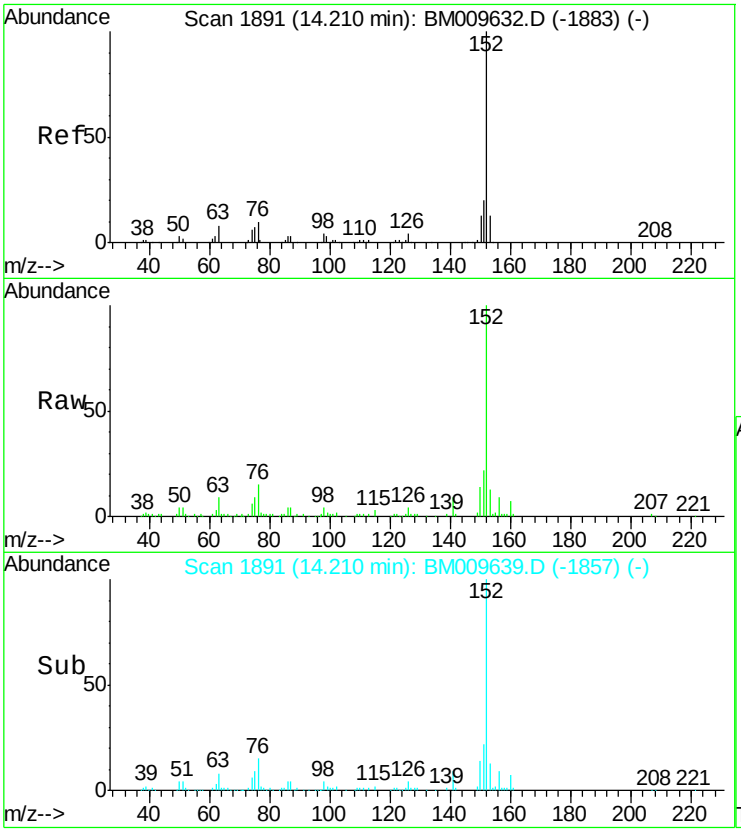


#5
2-Methylnaphthalene
Concen: 3.97 ng/ul
RT: 12.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:142 Resp: 103217

Ion	Ratio	Lower	Upper
142	100		
141	92.0	69.8	104.8

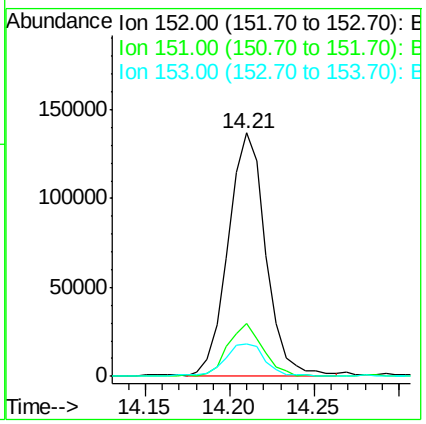




#8
Acenaphthylene
Concen: 5.40 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

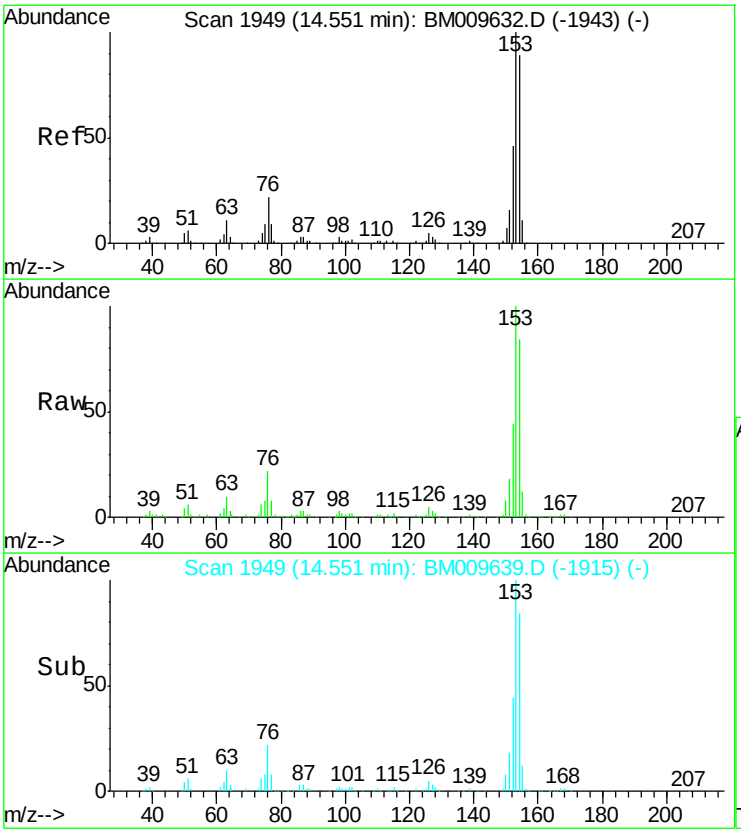
Tgt Ion:152 Resp: 212633

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.5	26.3
153	13.3	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
CB354

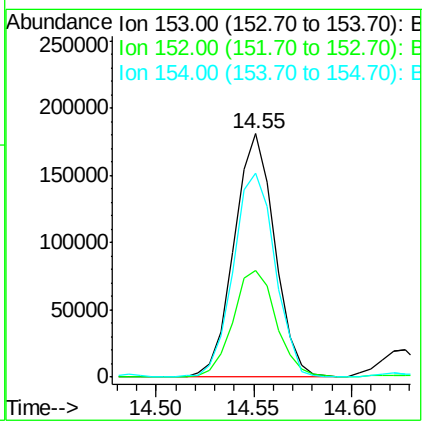
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

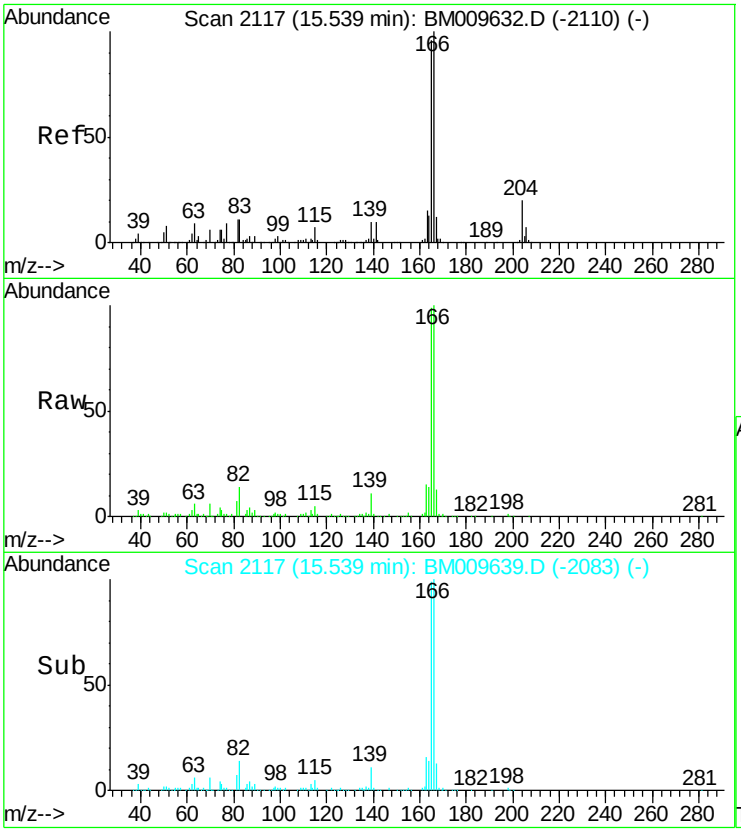


#9
Acenaphthene
Concen: 9.62 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:153 Resp: 260895

Ion	Ratio	Lower	Upper
153	100		
152	43.8	37.9	56.9
154	83.6	71.6	107.4

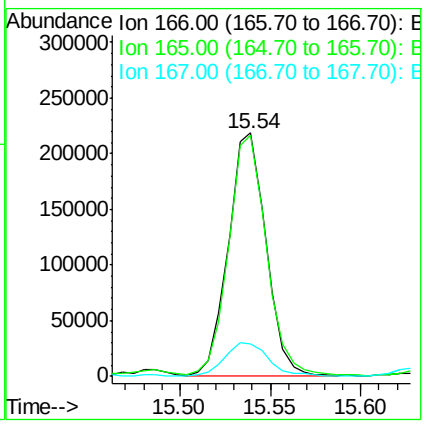




#11
Fluorene
Concen: 9.52 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

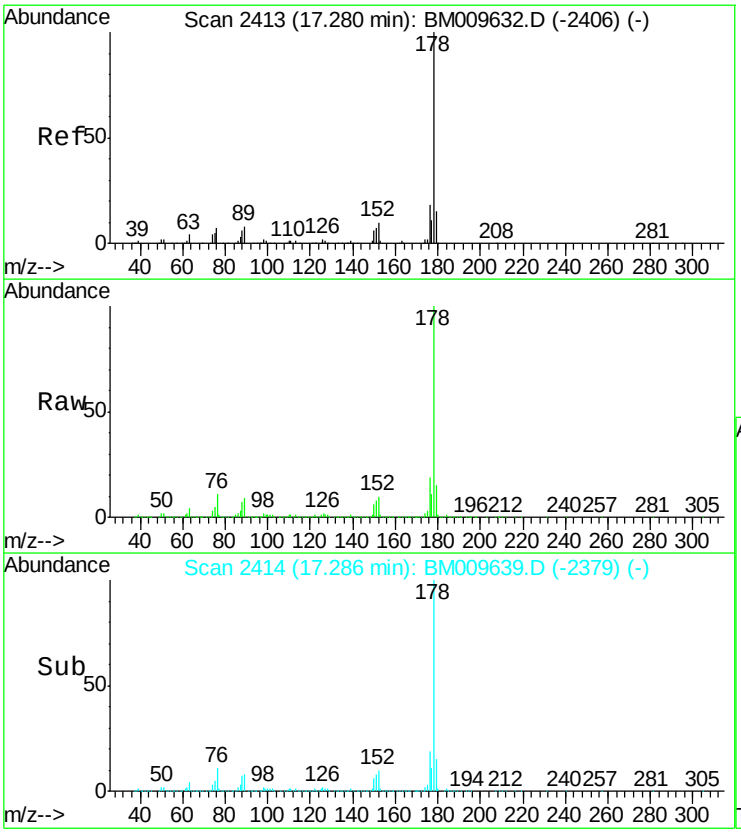
Tgt Ion:166 Resp: 314981

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	13.5	11.6	17.4



Instrument :
BNA_M
ClientSampleId :
CB354

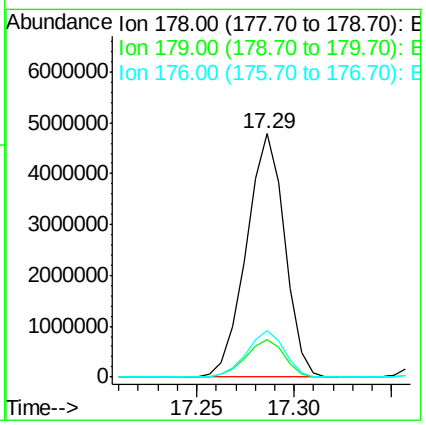
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

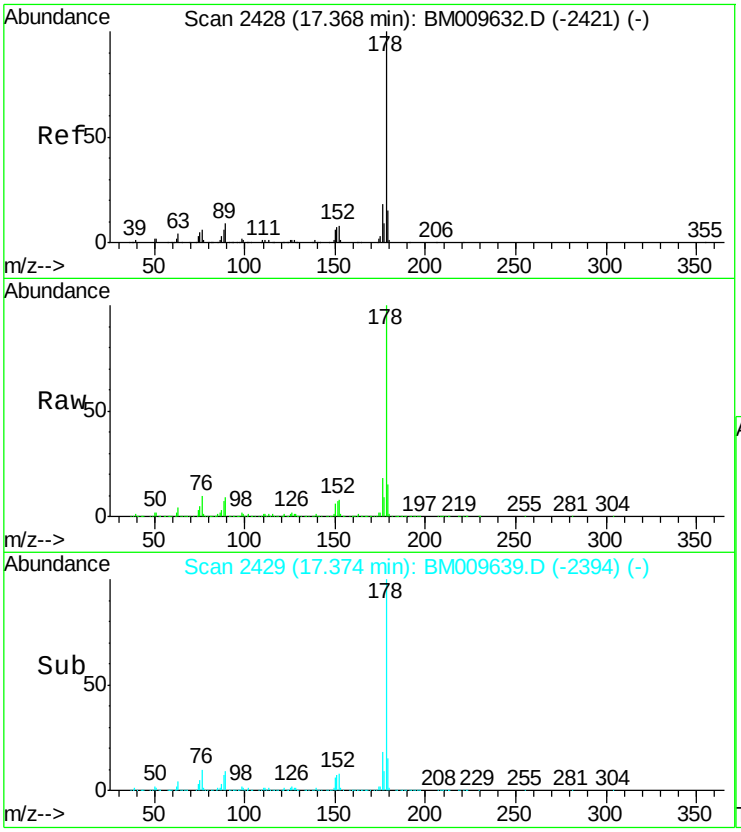


#14
Phenanthrene
Concen: 122.21 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:178 Resp: 6508442

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.0	16.4	24.6

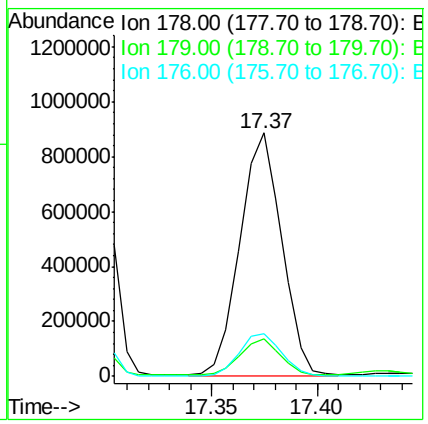




#16
Anthracene
Concen: 22.04 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

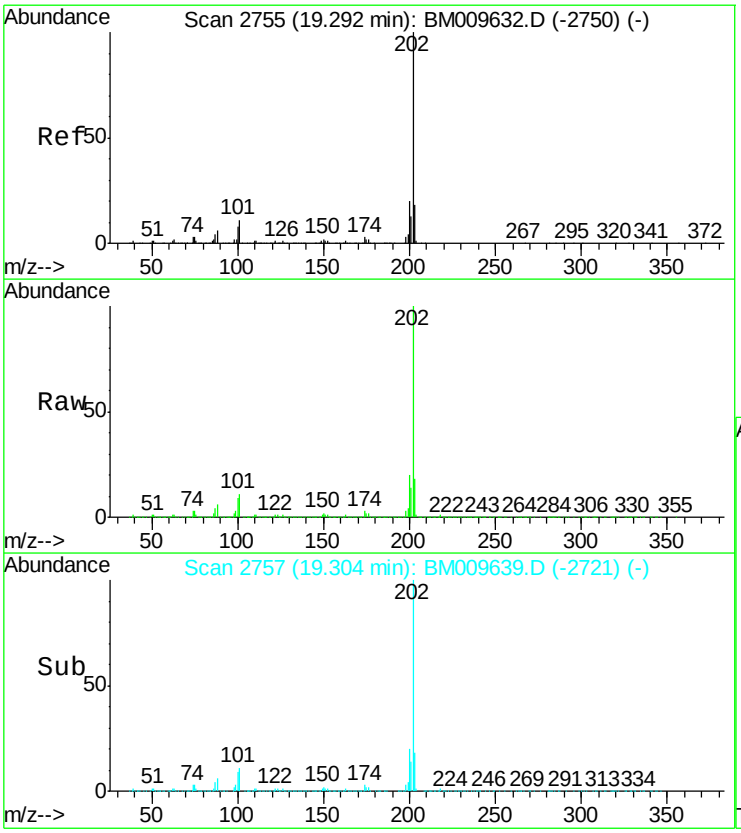
Tgt Ion:178 Resp: 1214090

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	17.8	15.8	23.8



Instrument :
BNA_M
ClientSampleId :
CB354

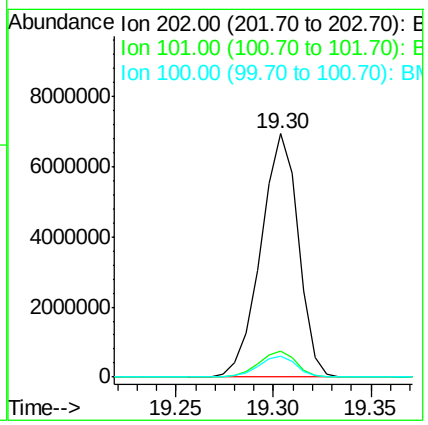
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

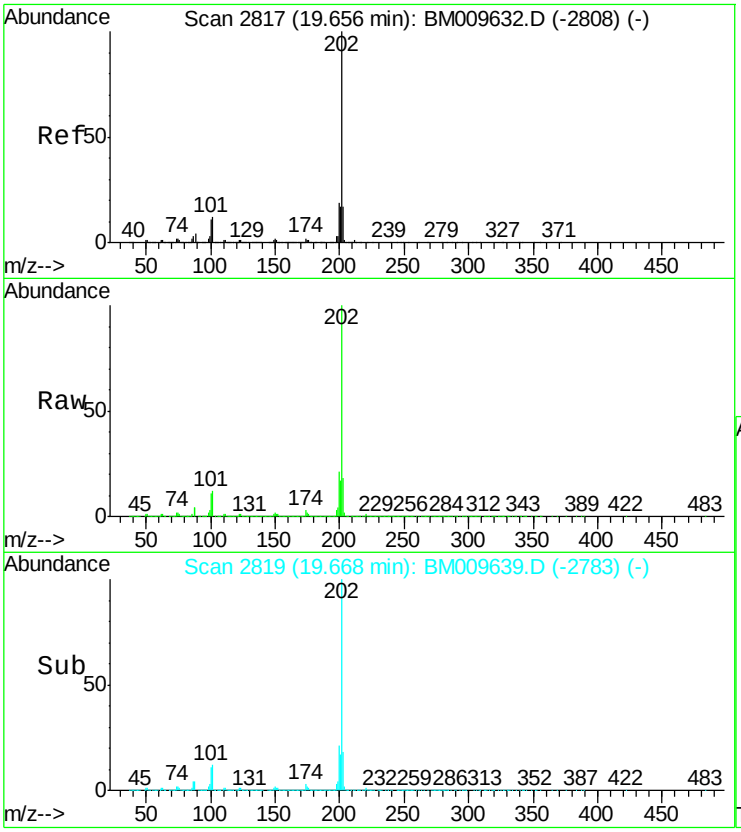


#17
Fluoranthene
Concen: 139.44 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:202 Resp: 9248814

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
100	8.6	7.5	11.3

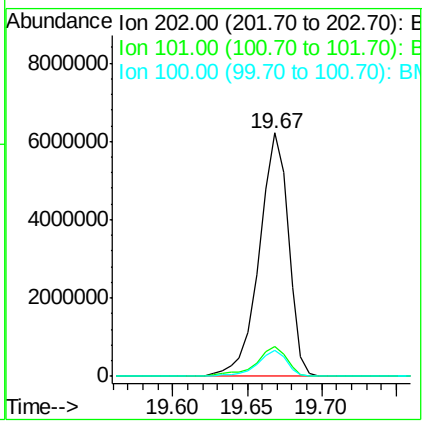




#20
Pyrene
Concen: 132.41 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

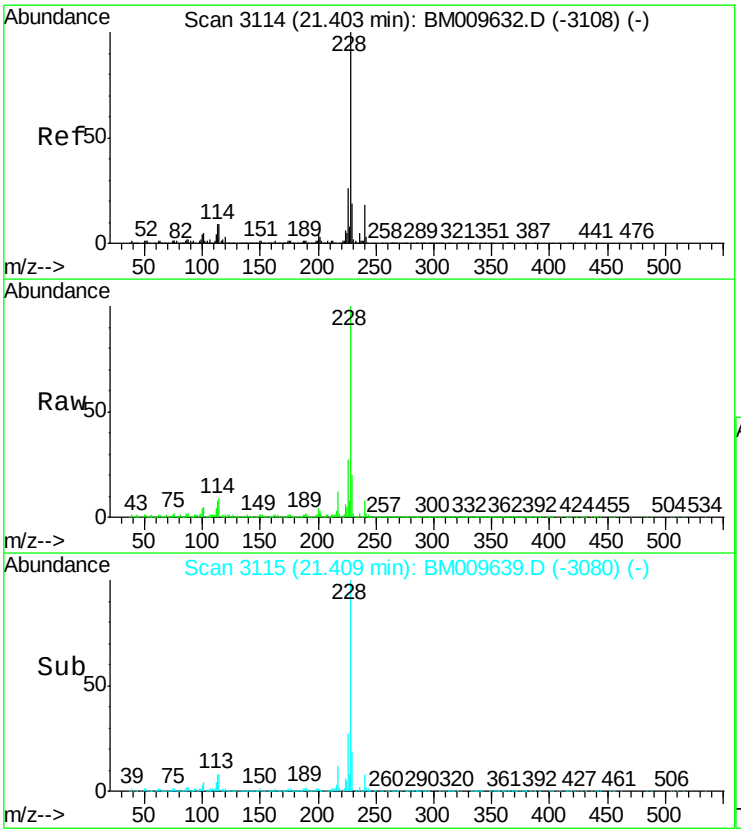
Tgt Ion:202 Resp: 8377566

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.2	16.8
100	10.9	9.8	14.6



Instrument :
BNA_M
ClientSampleId :
CB354

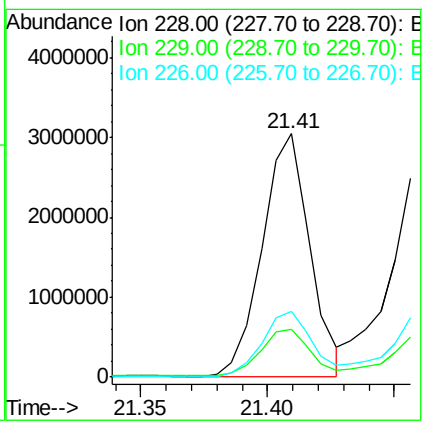
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

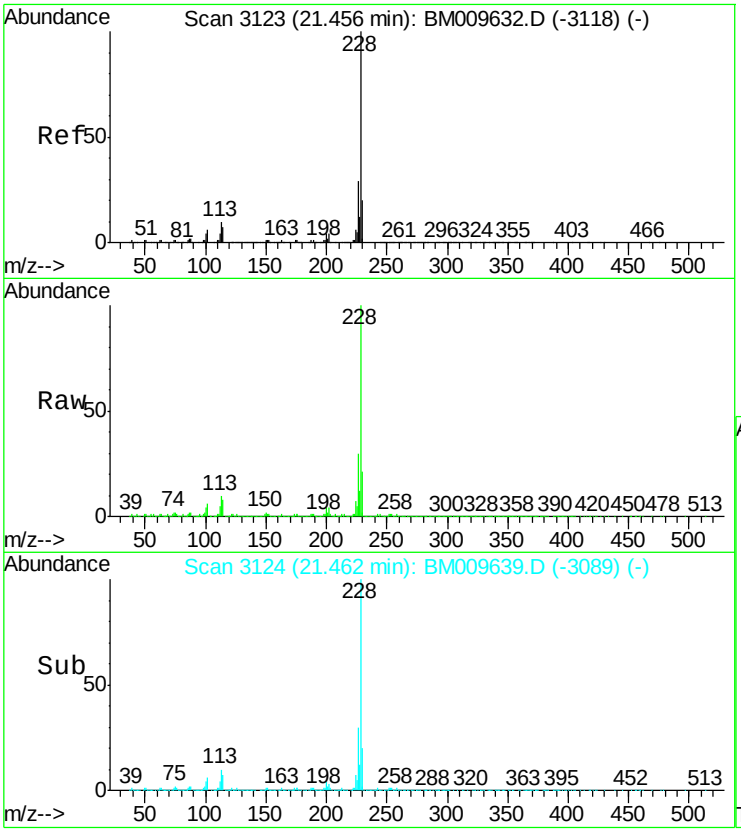


#21
Benzo(a)anthracene
Concen: 60.60 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:228 Resp: 3980892

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.0	22.1	33.1

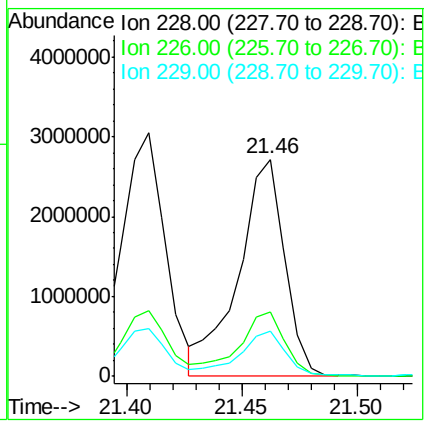




#22
Chrysene
Concen: 63.01 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

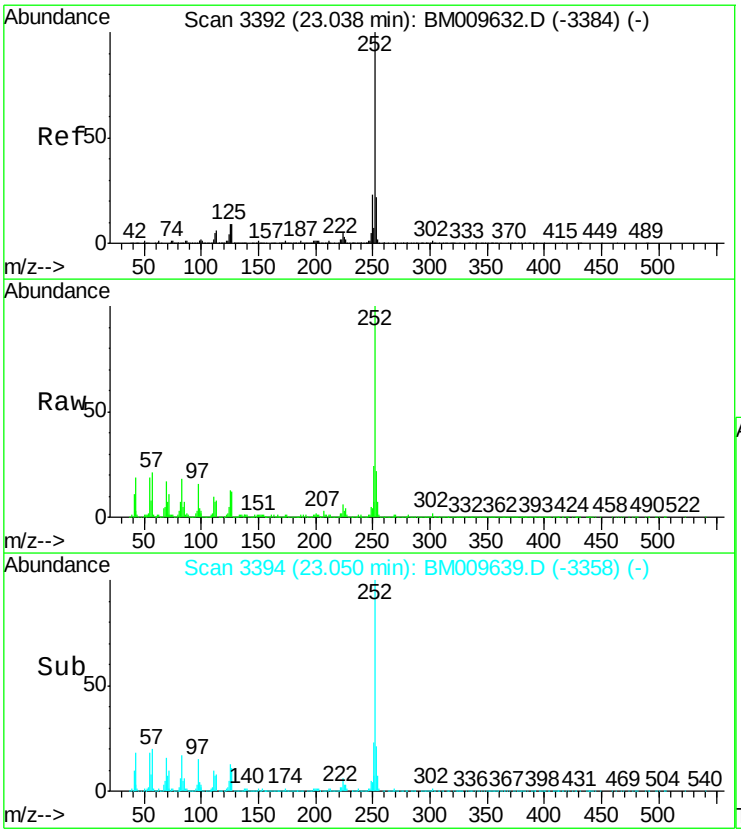
Tgt Ion:228 Resp: 3794501

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	20.6	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB354

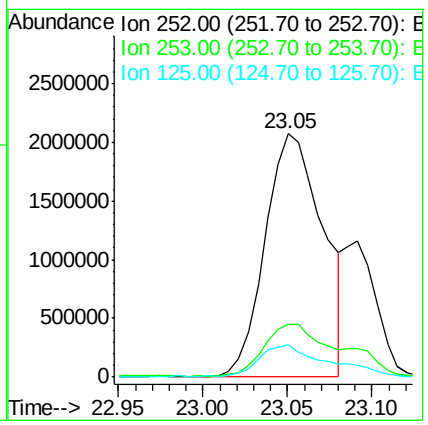
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

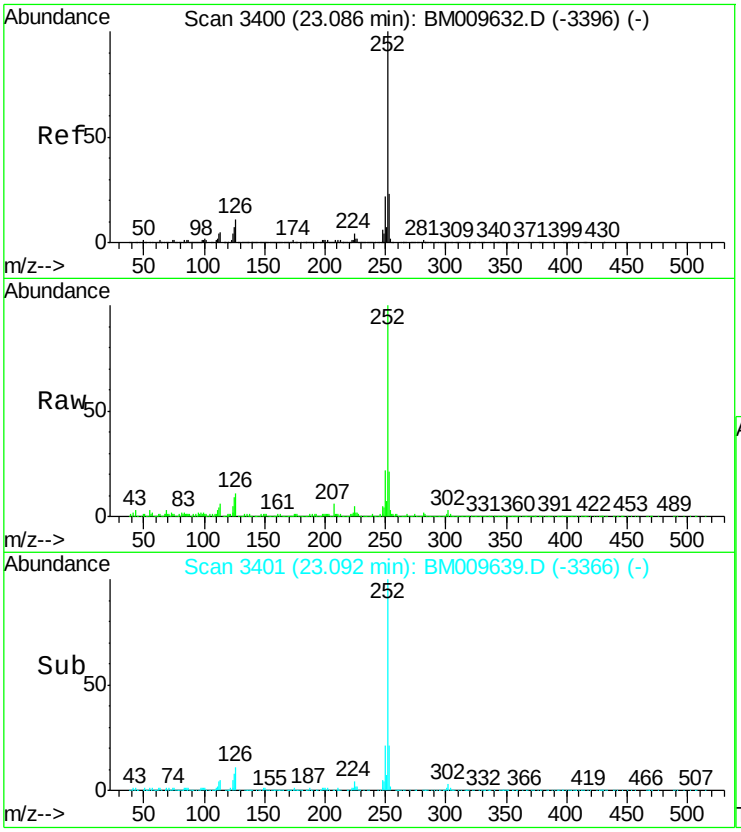


#24
Benzo(b)fluoranthene
Concen: 72.19 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:252 Resp: 4903349

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	13.4	9.4	14.0

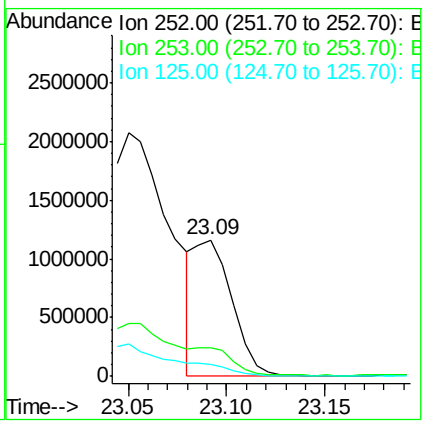




#25
Benzo(k)fluoranthene
Concen: 23.41 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

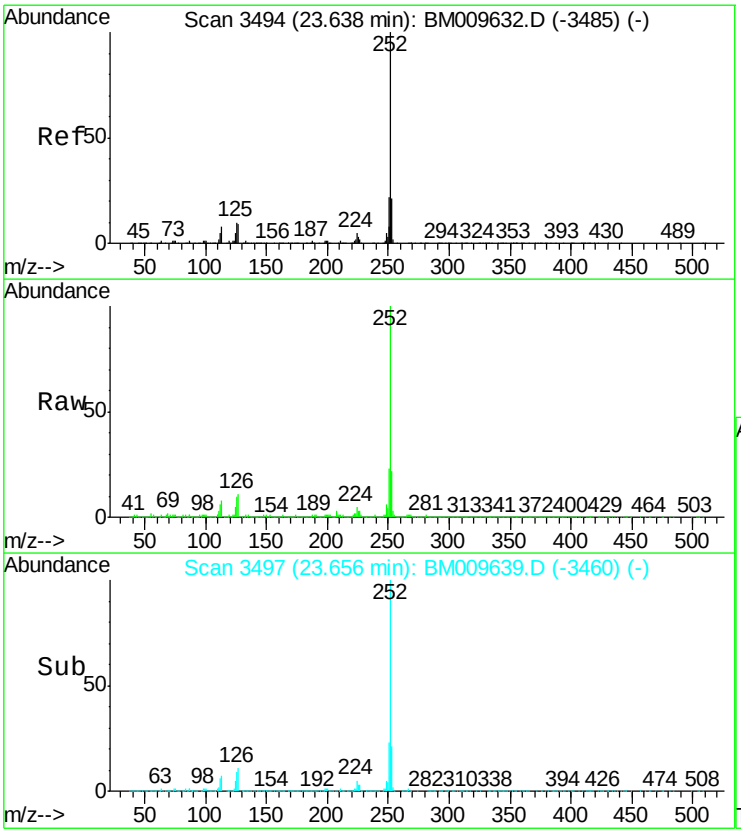
Tgt Ion:252 Resp: 1515255

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	8.5	8.8	13.2#



Instrument :
BNA_M
ClientSampleId :
CB354

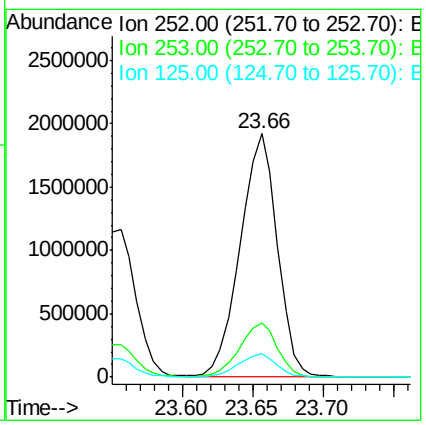
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

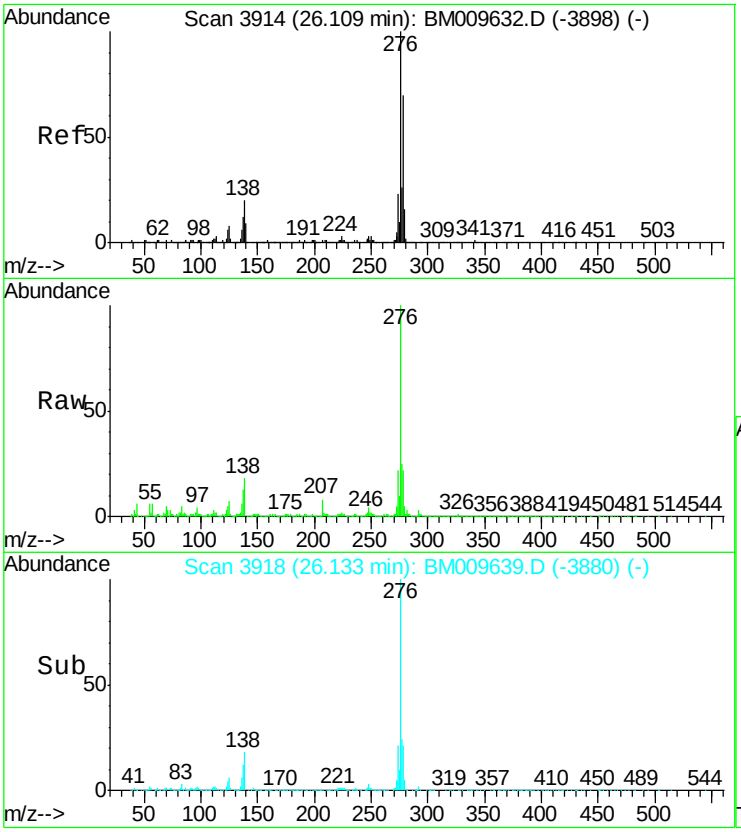


#27
Benzo(a)pyrene
Concen: 54.38 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.02 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:252 Resp: 3511480

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.7	9.4	14.2

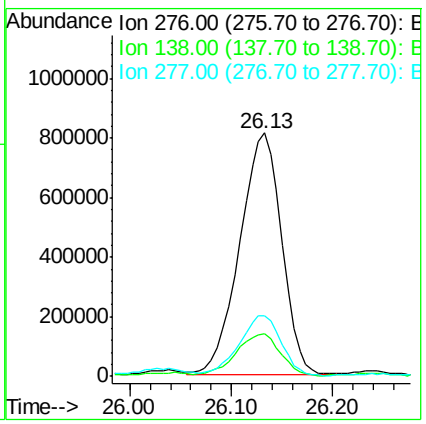




#28
Indeno(1,2,3-cd)pyrene
Concen: 32.18 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. 0.02 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

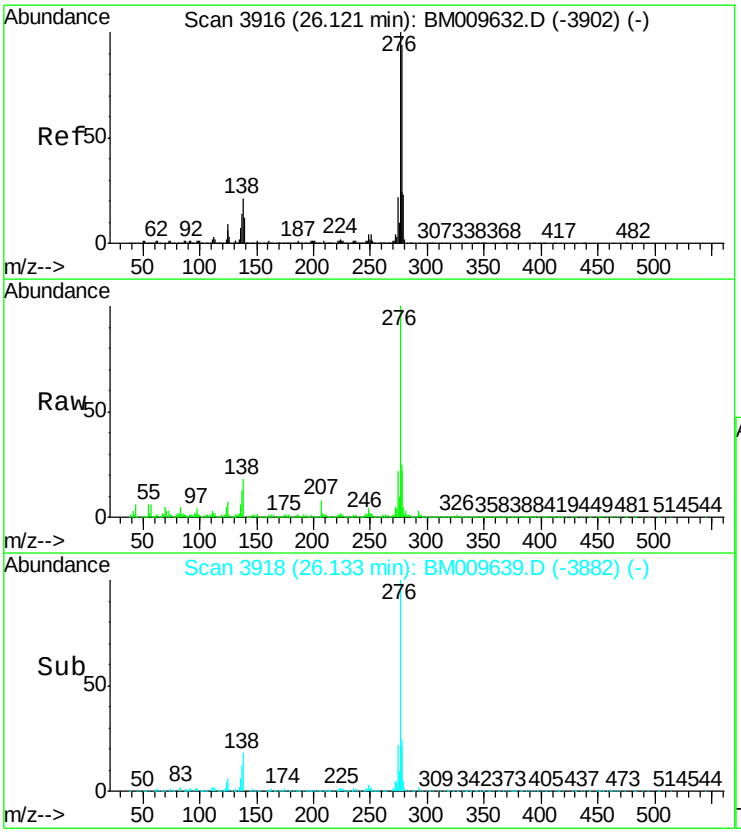
Tgt Ion:276 Resp: 2329493

Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.8	26.6#
277	24.8	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
CB354

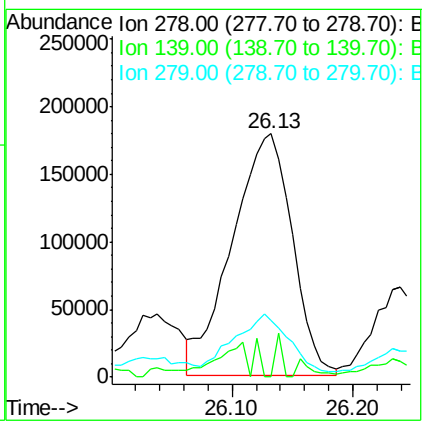
Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM

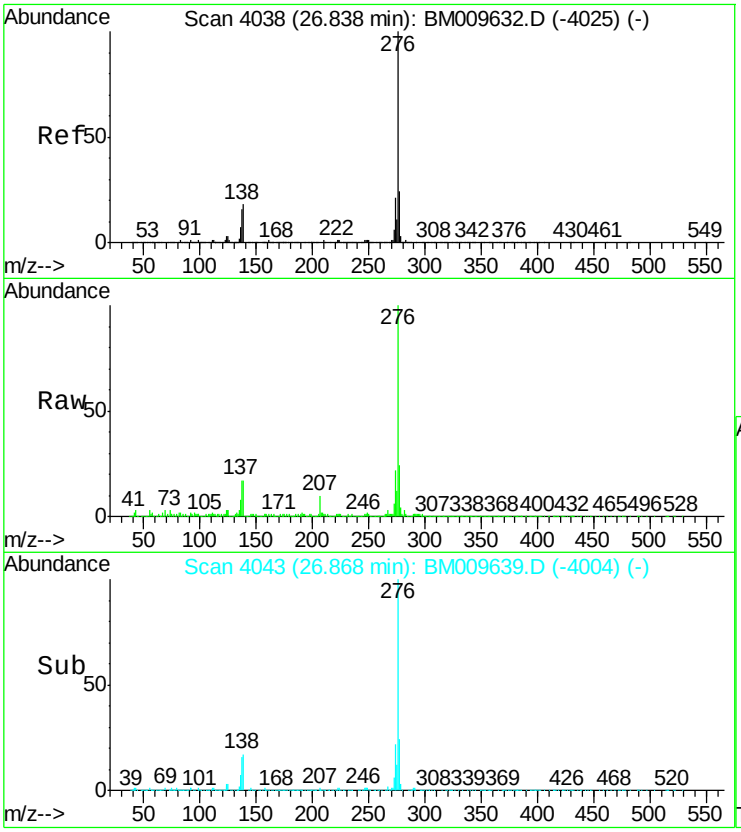


#29
Dibenzo(a,h)anthracene
Concen: 10.01 ng/ul m
RT: 26.13 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:278 Resp: 615789

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.0	21.0#
279	23.5	20.6	31.0

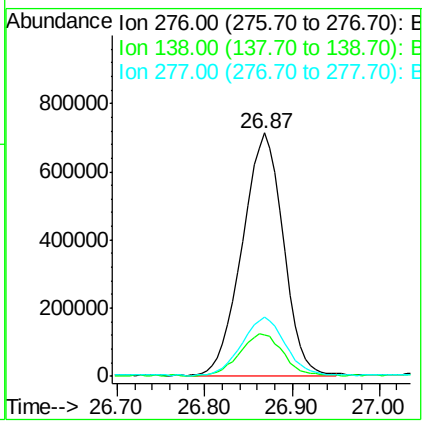




#30
Benzo(g,h,i)perylene
Concen: 38.07 ng/ul
RT: 26.87 min Scan# 4043
Delta R.T. 0.03 min
Lab File: BM009639.D
Acq: 07 Apr 2017 21:14

Tgt Ion:276 Resp: 2272361

Ion	Ratio	Lower	Upper
276	100		
138	17.2	19.0	28.4#
277	24.2	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
CB354

Manual Integrations APPROVED
mohammad
4/10/2017 1:24:17 PM