Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007023.D
Acq On : 11 Aug 2016 05:00
Operator : UM/SJ
Sample : H4302-06DL 4X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0H0DL

Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

Quant Time: Aug 11 06:54:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	388616	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1712708	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	1062791	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2532370	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2497964	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	2114333	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	2474	0.29	ng/uL	0.00
3) Phenol-d5	6.97	99	116993	3.38	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	72362	3.74	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	96309	3.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	84168	2.87	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	45344	3.47	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	47793	3.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	108740	3.72	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	82219	2.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	372623	4.10	ng/ul	-0.01
17) Acenaphthylene-d8	14.14	160	452886	4.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	36275	2.22	ng/ul	-0.01
21) Fluorene-d10	15.44	176	339825	4.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	30620	2.23	ng/ul	0.00
26) Anthracene-d10	17.29	188	536059	4.54	ng/ul	0.00
30) Pyrene-d10	19.58	212	619867	5.46	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	446196	4.59	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.65	128	169964	1.98	ng/ul	97
19) Acenaphthene	14.51	153	221472	3.12	ng/ul	96
22) Fluorene	15.49	166	132560	1.57	ng/ul	99
25) Phenanthrene	17.23	178	3209477	23.66	ng/ul	99
27) Anthracene	17.32	178	613004	4.37	ng/ul	100
28) Fluoranthene	19.25	202	5948700	34.81	ng/ul	98
31) Pyrene	19.62	202	4926970	34.00	ng/ul	98
32) Benzo(a)anthracene	21.36	228	2749193	18.69	ng/ul	99
33) Chrysene	21.41	228	2531116	18.96	ng/ul	98
35) Benzo(b)fluoranthene	22.97	252	3559095	27.10	ng/ul	98
36) Benzo(k)fluoranthene	23.01	252	1212276m	9.77	ng/ul	
38) Benzo(a)pyrene	23.55	252	2309378	19.11	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.96	276	1947389	16.25	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	470908m	4.75	ng/ul	
41) Benzo(g,h,i)perylene	26.66	276	1907899	19.37	ng/ul	98

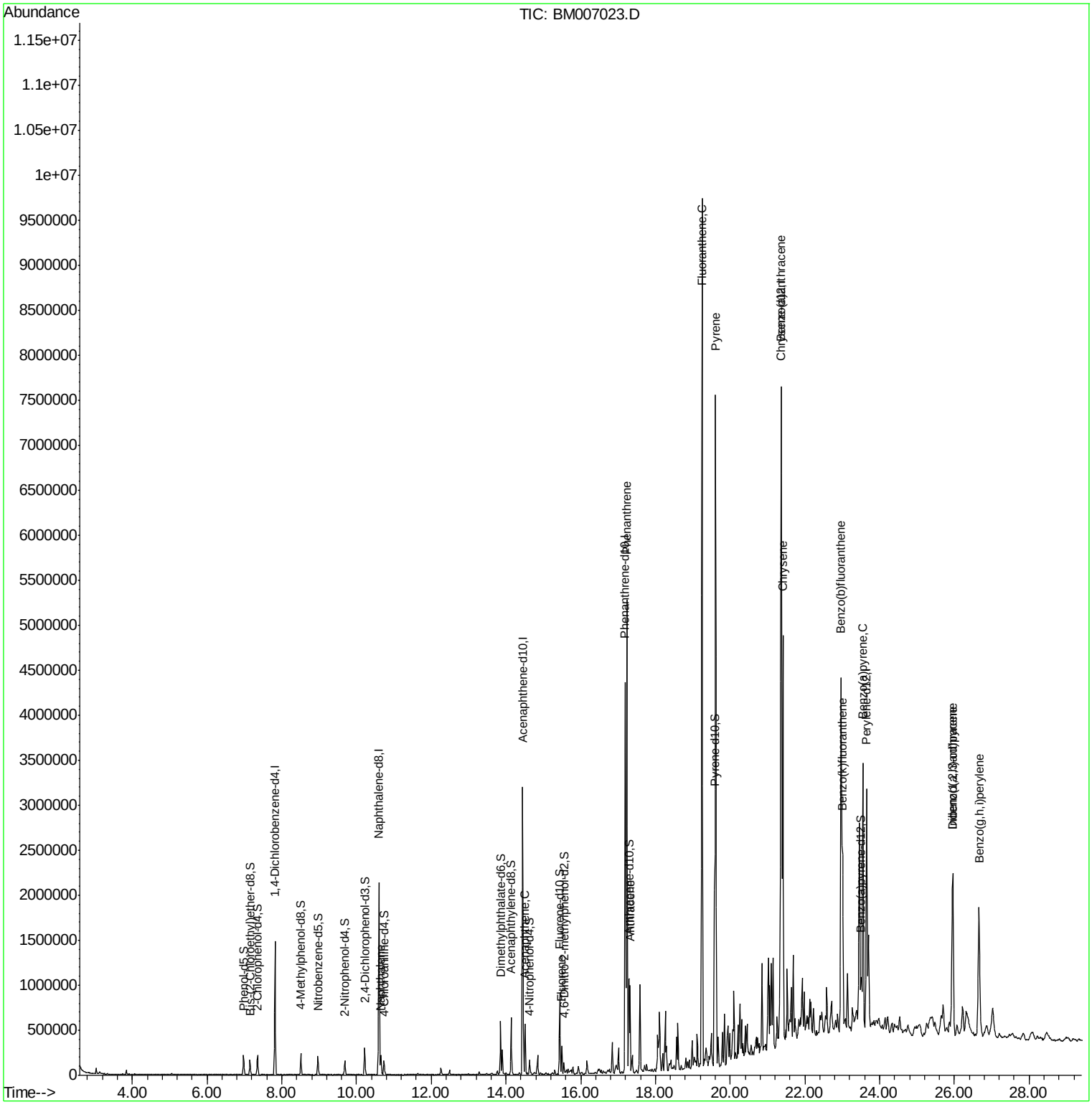
(#) = qualifier out of range (m) = manual integration (+) = signals summed

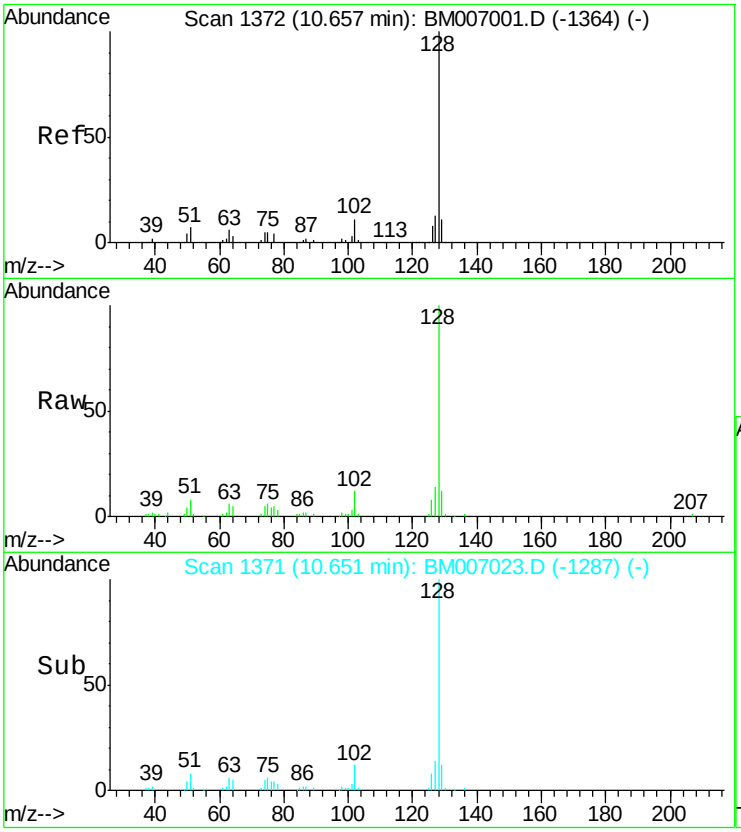
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007023.D
Acq On : 11 Aug 2016 05:00
Operator : UM/SJ
Sample : H4302-06DL 4X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 11 06:54:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA0H0DL

Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

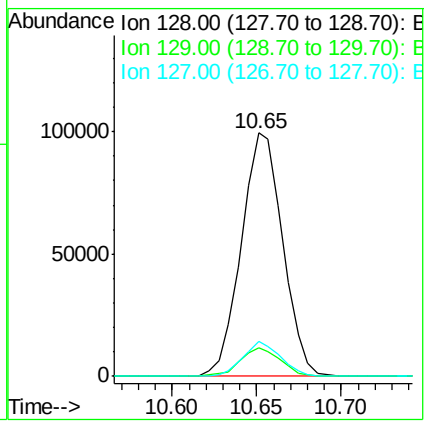




#11
Naphthalene
Concen: 1.98 ng/ul
RT: 10.65 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

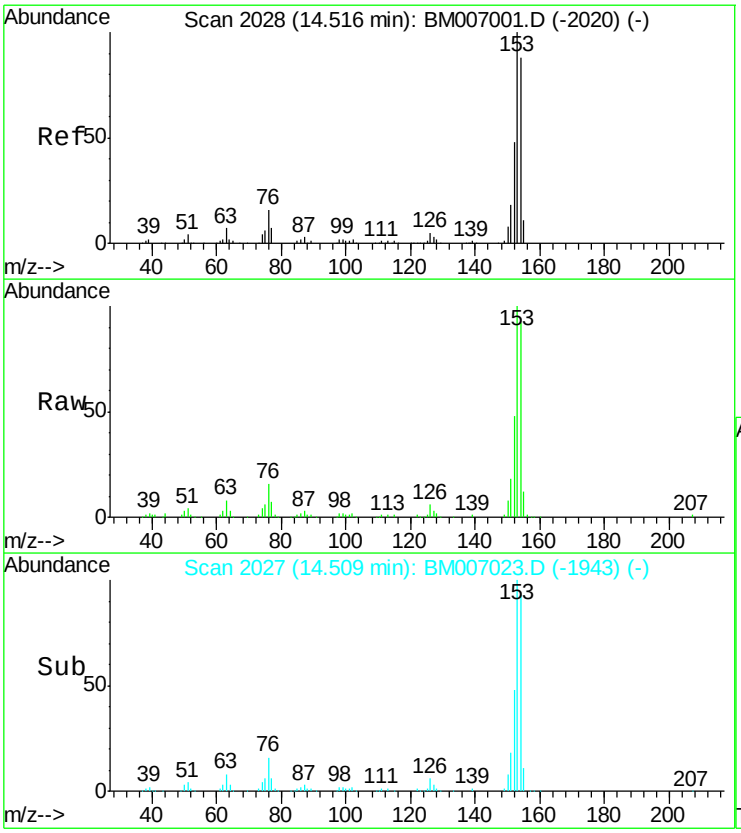
Tgt Ion:128 Resp: 169964

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	14.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

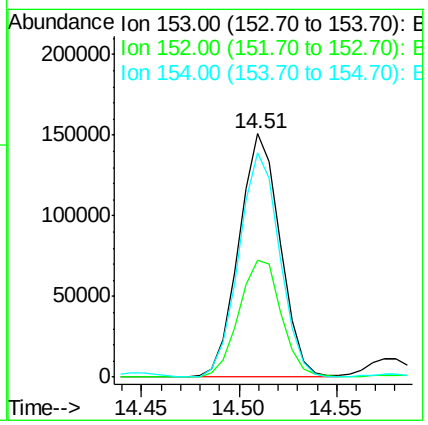
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

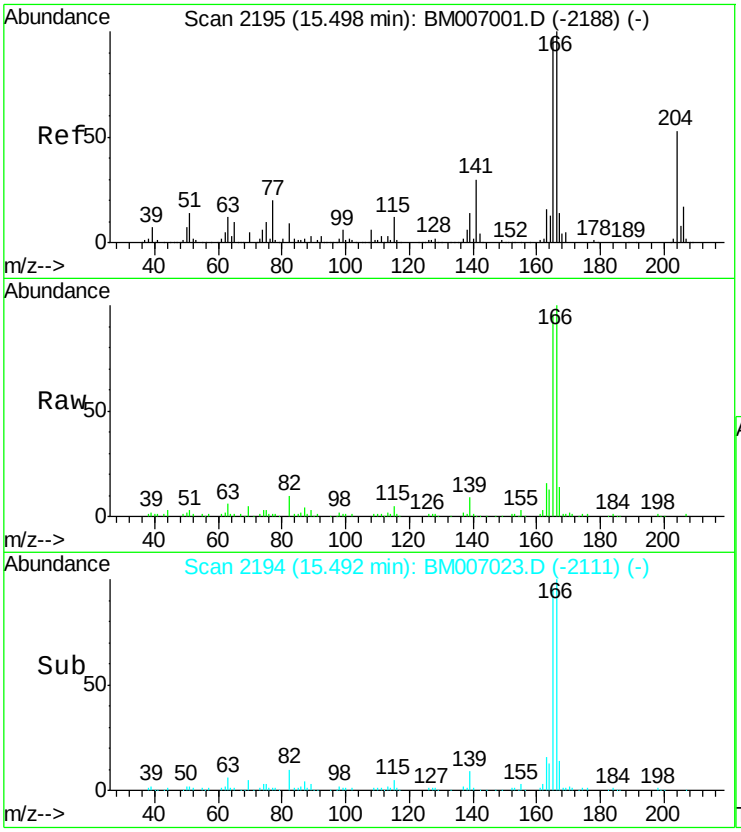


#19
Acenaphthene
Concen: 3.12 ng/ul
RT: 14.51 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:153 Resp: 221472

Ion	Ratio	Lower	Upper
153	100		
152	48.1	37.0	55.6
154	92.4	70.9	106.3

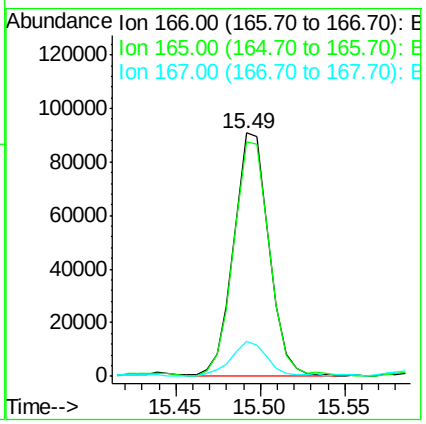




#22
Fluorene
Concen: 1.57 ng/ul
RT: 15.49 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

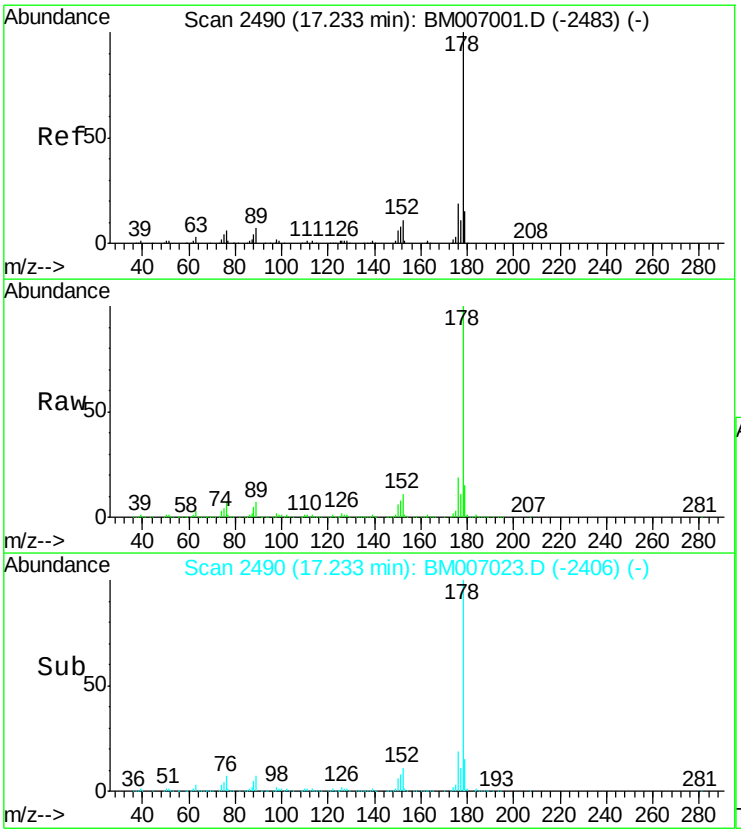
Tgt Ion:166 Resp: 132560

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.6	115.0
167	14.4	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

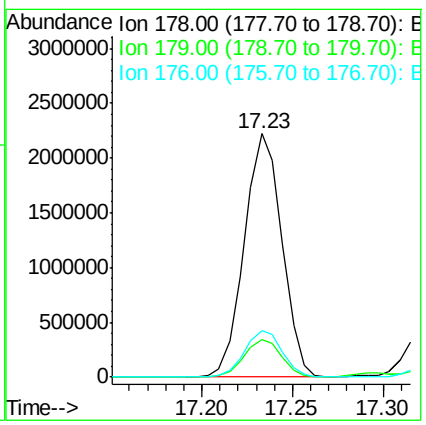
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

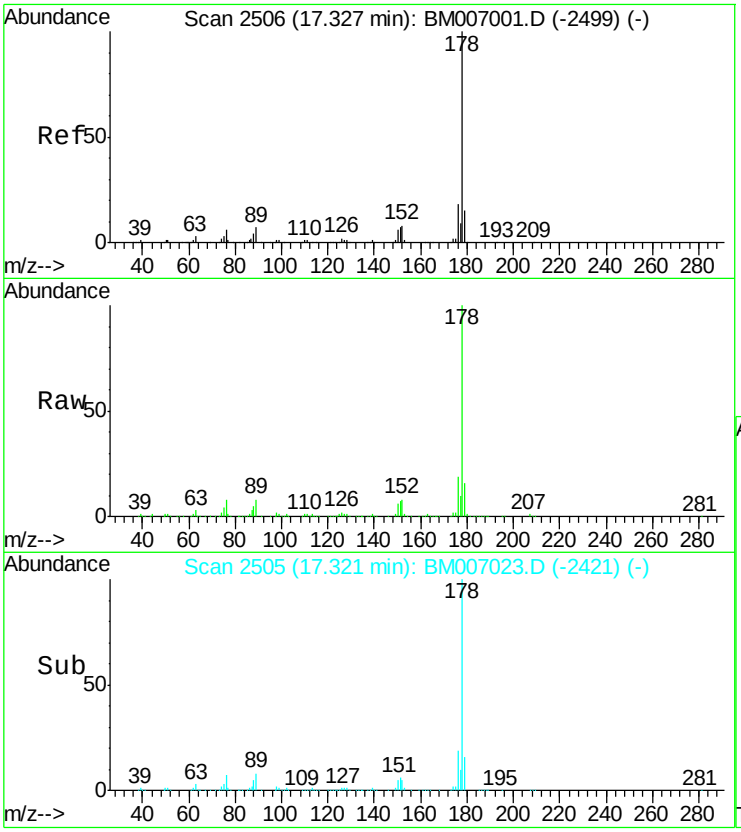


#25
Phenanthrene
Concen: 23.66 ng/ul
RT: 17.23 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:178 Resp: 3209477

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.3	15.2	22.8

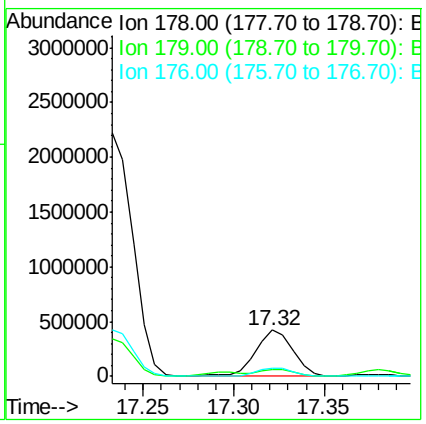




#27
Anthracene
Concen: 4.37 ng/ul
RT: 17.32 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

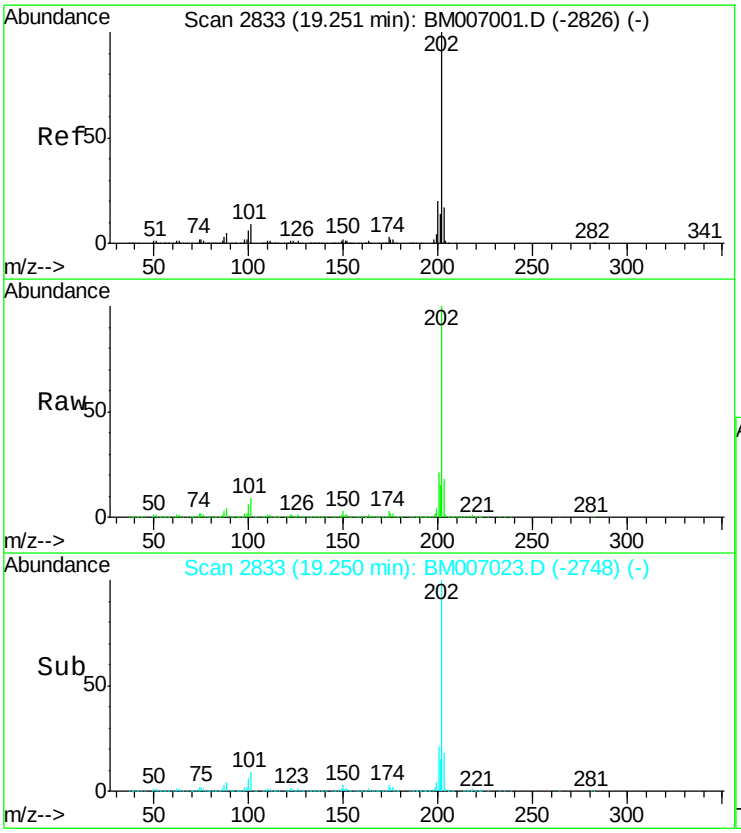
Tgt Ion:178 Resp: 613004

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.5	15.0	22.4



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

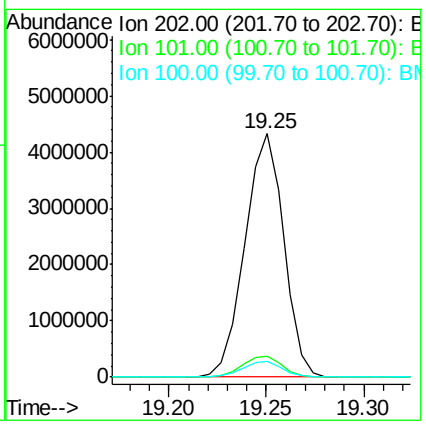
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

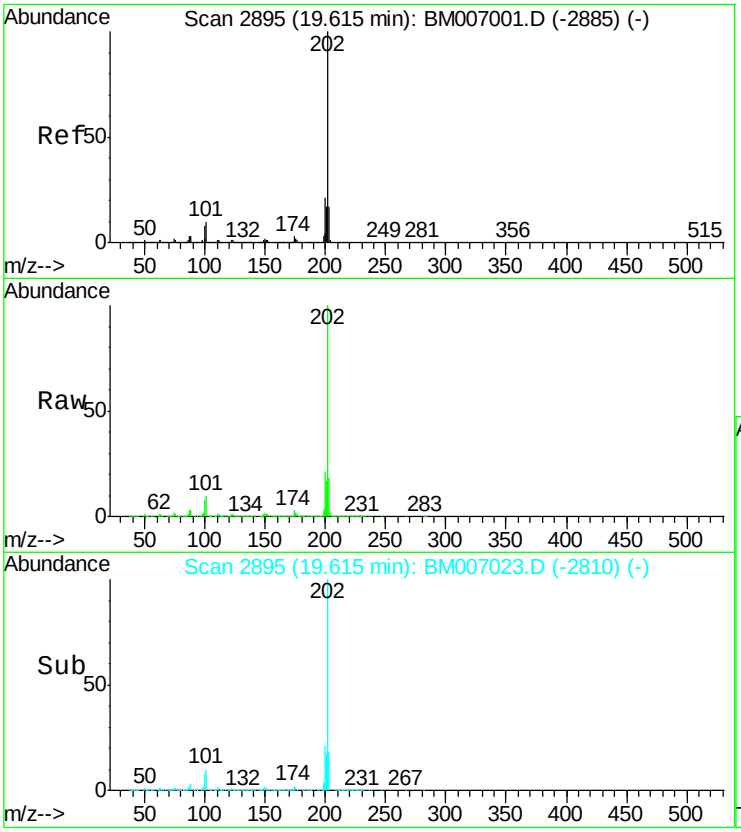


#28
Fluoranthene
Concen: 34.81 ng/ul
RT: 19.25 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:202 Resp: 5948700

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.4	11.2
100	6.4	5.8	8.6

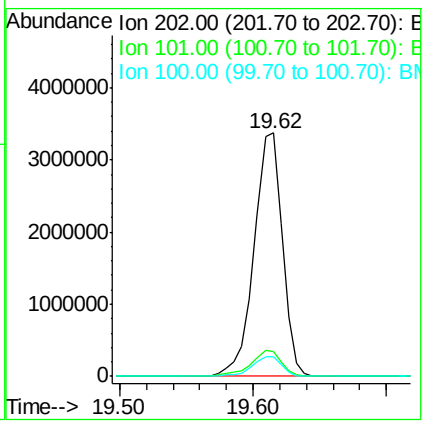




#31
Pyrene
Concen: 34.00 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

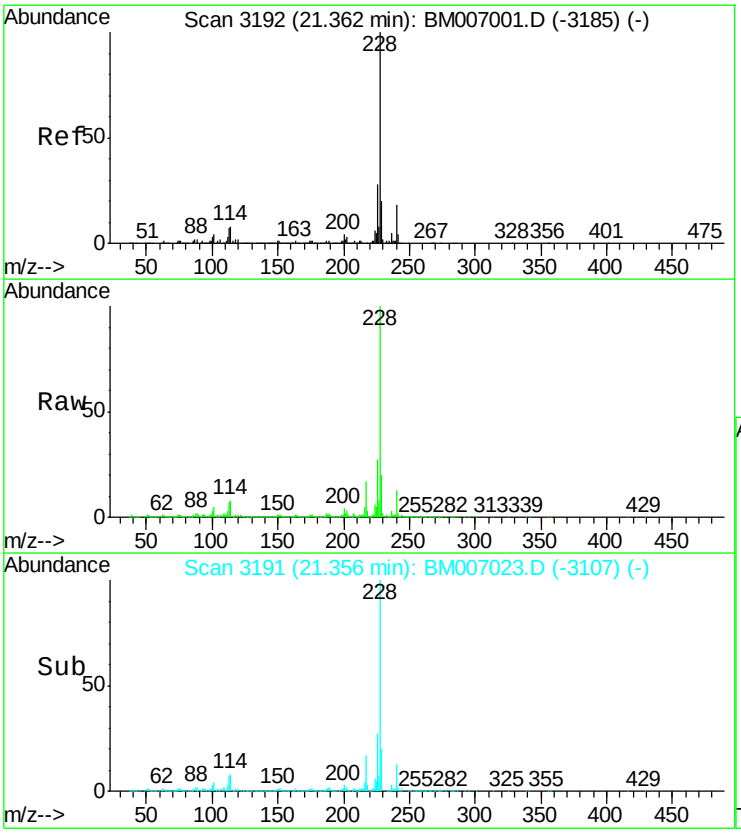
Tgt Ion:202 Resp: 4926970

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.5	12.7
100	8.2	7.1	10.7



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

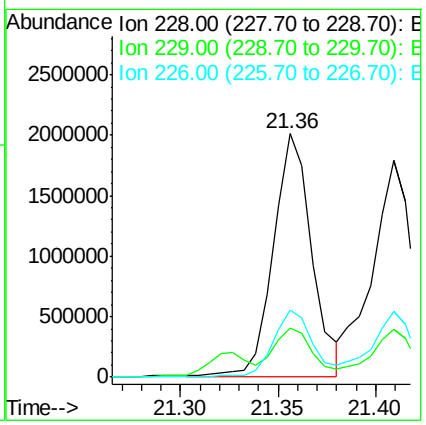
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

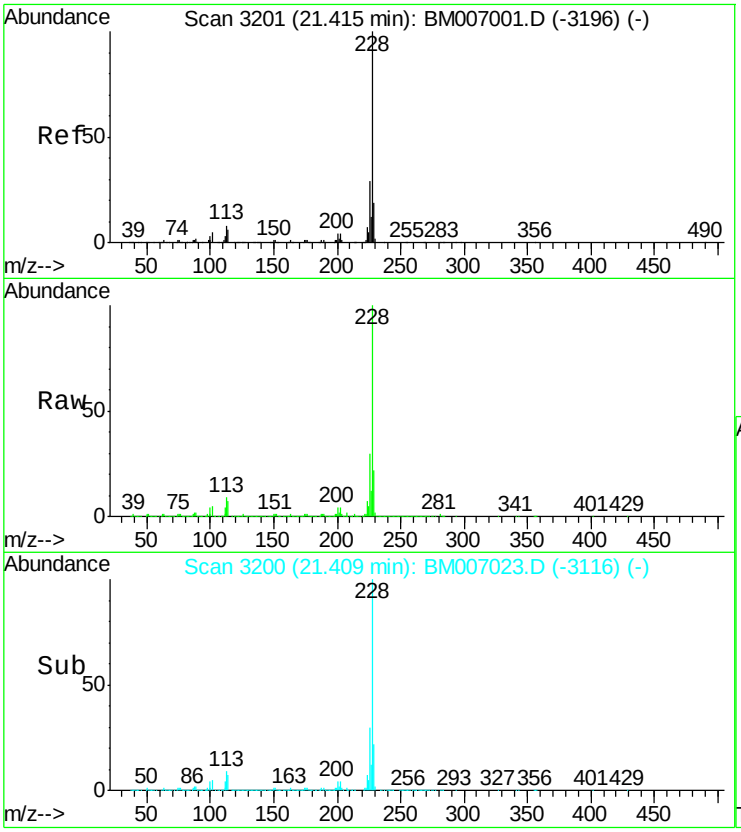


#32
Benzo(a)anthracene
Concen: 18.69 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:228 Resp: 2749193

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	27.4	21.9	32.9

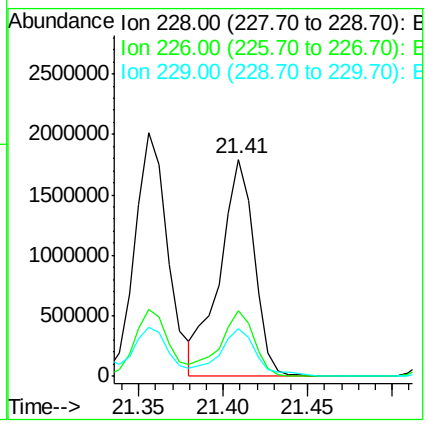




#33
Chrysene
Concen: 18.96 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

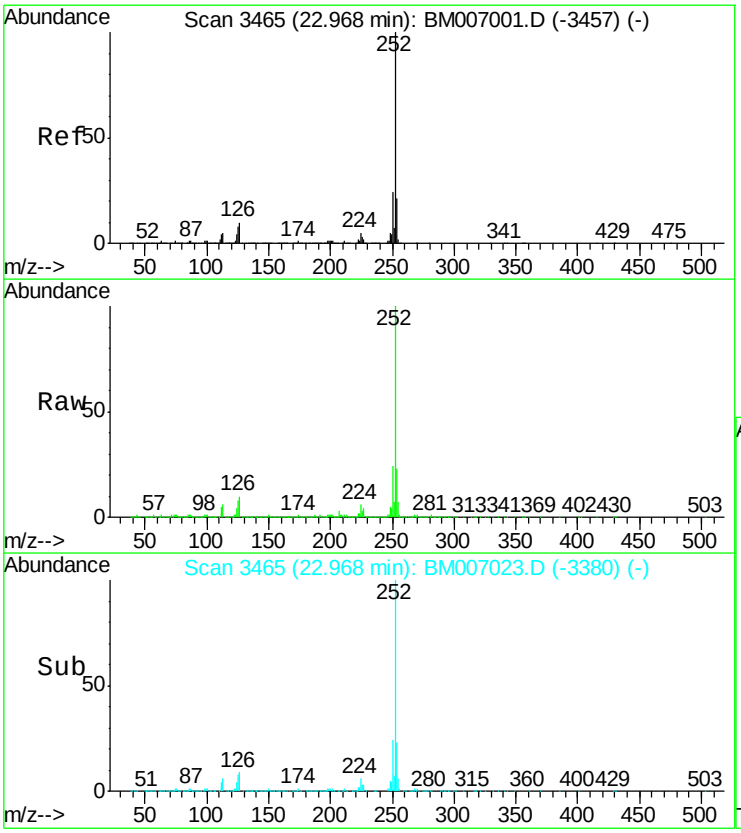
Tgt Ion:228 Resp: 2531116

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	22.3	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

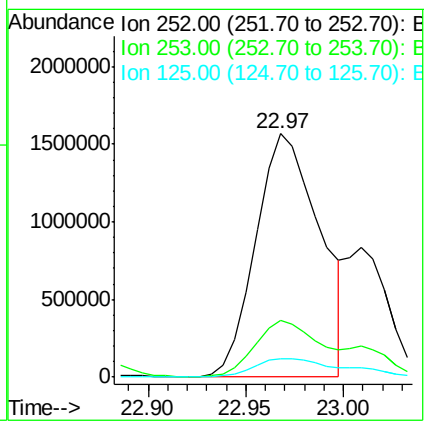
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

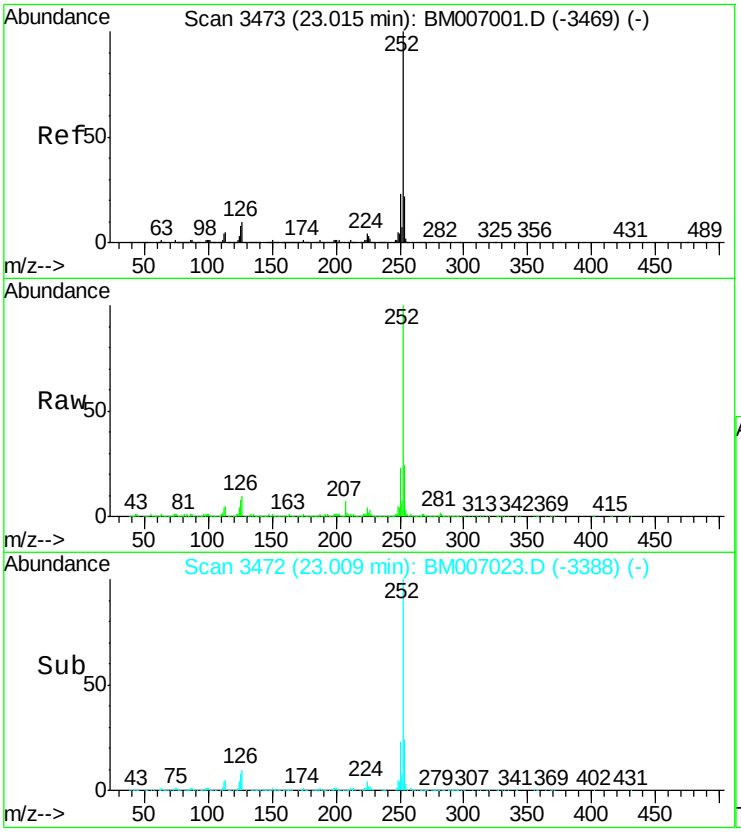


#35
Benzo(b)fluoranthene
Concen: 27.10 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:252 Resp: 3559095

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.8	6.0	9.0

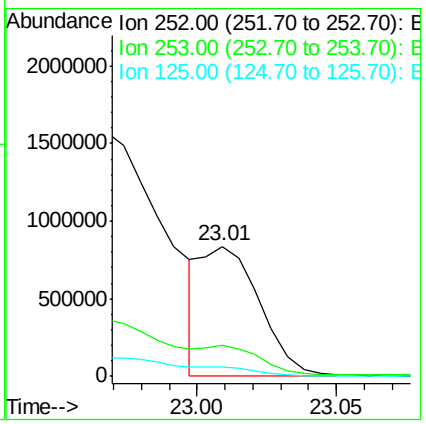




#36
Benzo(k)fluoranthene
Concen: 9.77 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

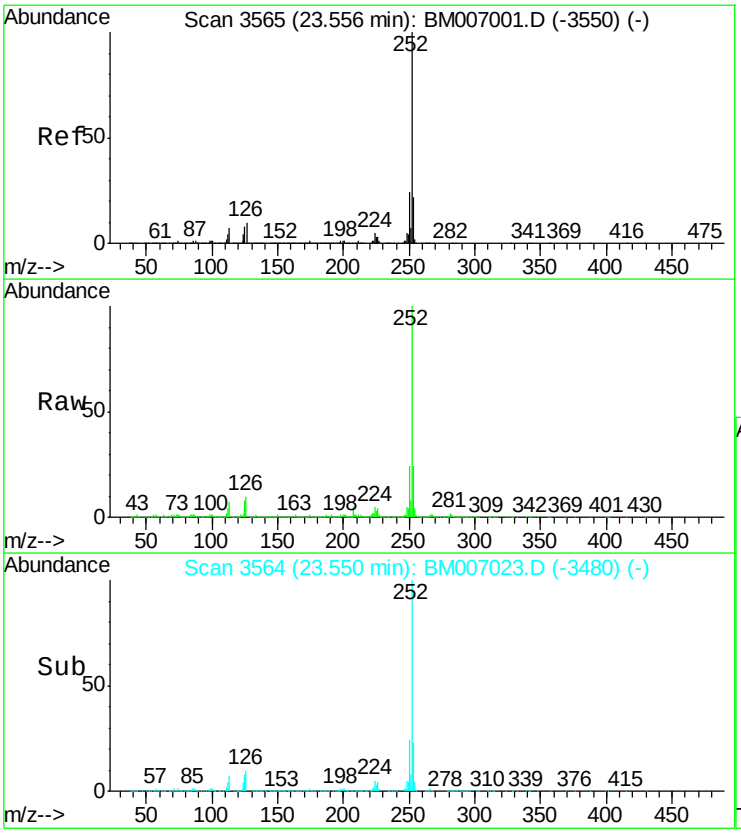
Tgt Ion:252 Resp: 1212276

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	7.7	6.2	9.4



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

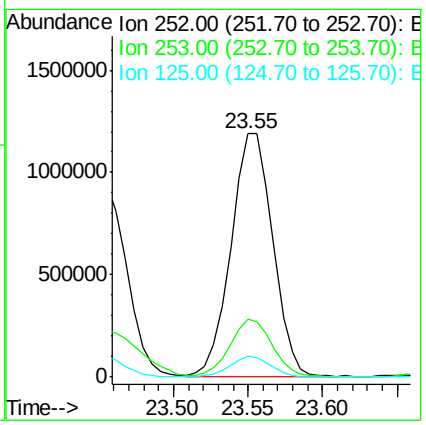
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

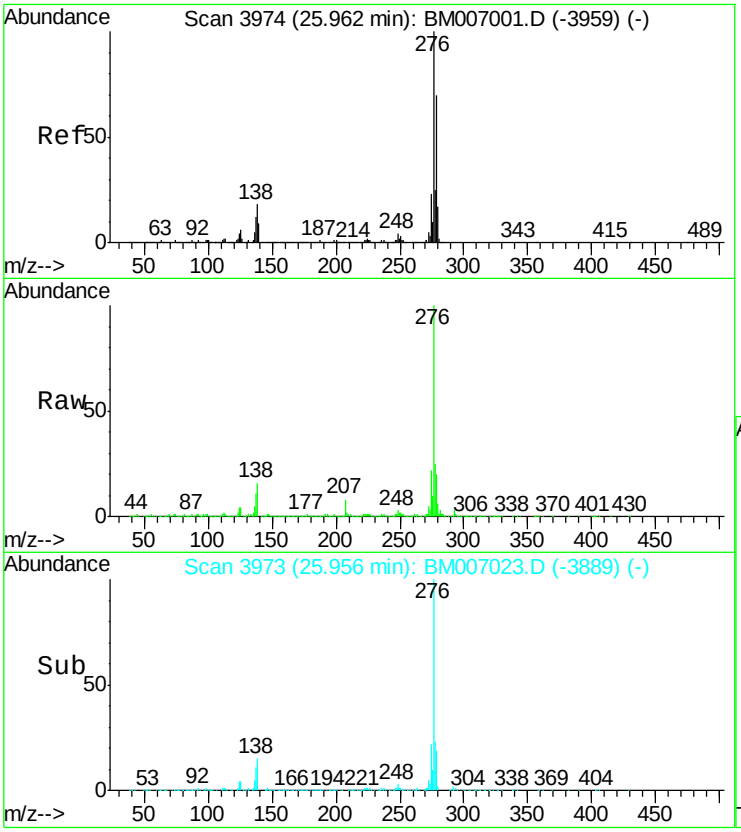


#38
Benzo(a)pyrene
Concen: 19.11 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:252 Resp: 2309378

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	8.4	6.8	10.2

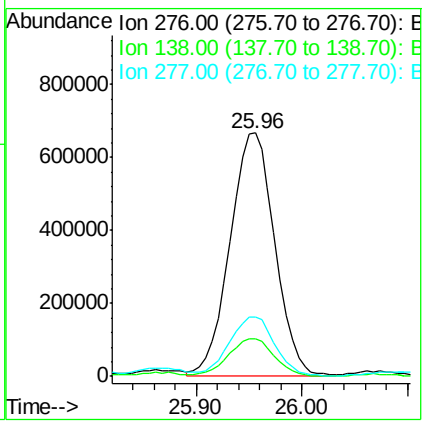




#39
Indeno(1,2,3-cd)pyrene
Concen: 16.25 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

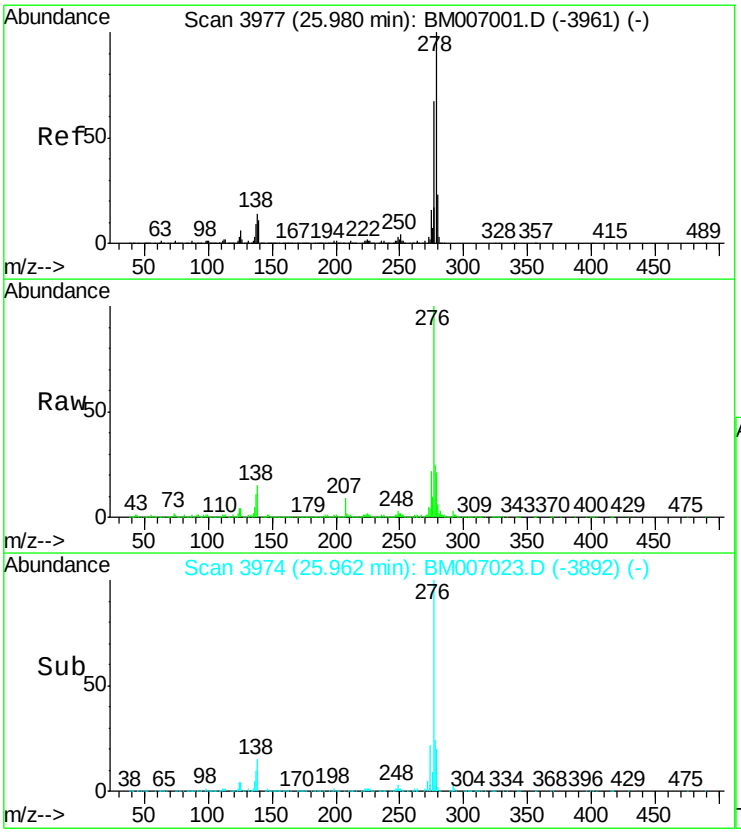
Tgt Ion:276 Resp: 1947389

Ion	Ratio	Lower	Upper
276	100		
138	15.5	14.9	22.3
277	24.6	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

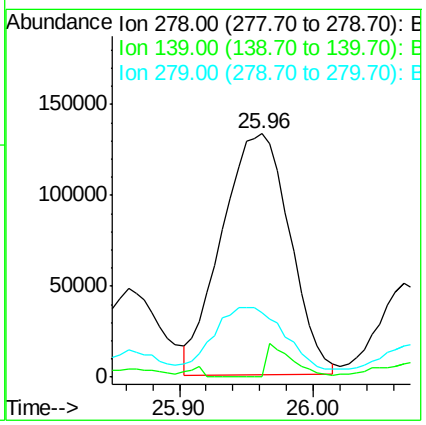
Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM

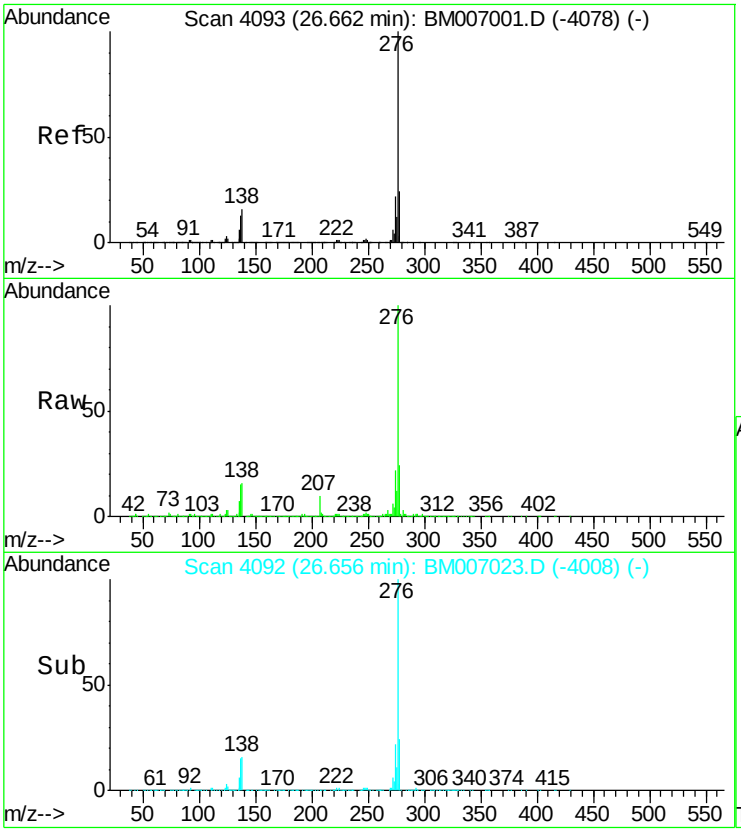


#40
Dibenzo(a,h)anthracene
Concen: 4.75 ng/ul m
RT: 25.96 min Scan# 3974
Delta R.T. -0.02 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:278 Resp: 470908

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.3	15.5#
279	26.7	18.8	28.2

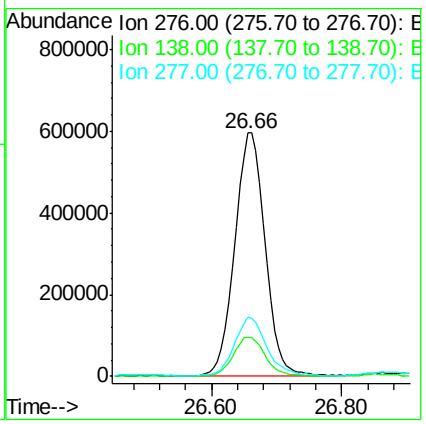




#41
Benzo(g,h,i)perylene
Concen: 19.37 ng/ul
RT: 26.66 min Scan# 4092
Delta R.T. -0.01 min
Lab File: BM007023.D
Acq: 11 Aug 2016 05:00

Tgt Ion:276 Resp: 1907899

Ion	Ratio	Lower	Upper
276	100		
138	15.8	14.0	21.0
277	24.4	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
DA0H0DL

Manual Integrations APPROVED
umangi
8/11/2016 7:55:00 AM