Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006141.D
Acq On : 30 Jun 2016 00:39
Operator : UM/SJ
Sample : H3780-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YG1

Manual Integrations APPROVED
sohil
6/30/2016 7:44:22 PM

Quant Time: Jun 30 04:07:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	242835	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1154013	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	667541	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1331163	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1046752	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1080515	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	8508	1.63	ng/uL	0.00
3) Phenol-d5	6.82	99	413816	20.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	263111	22.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	323135	21.22	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	322436	20.19	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	171715	22.09	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	189027	21.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	341345	21.03	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	314330	24.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1078434	22.54	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1342532	23.12	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	133509	14.71	ng/ul	0.00
21) Fluorene-d10	15.30	176	903140	22.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	122196	25.92	ng/ul	0.00
26) Anthracene-d10	17.14	188	1220296	22.85	ng/ul	0.00
30) Pyrene-d10	19.45	212	1139951	27.04	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1006350	23.40	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	114340	1.82	ng/ul	98
28) Fluoranthene	19.11	202	232349	3.01	ng/ul	98
31) Pyrene	19.47	202	196924	3.57	ng/ul	99
32) Benzo(a)anthracene	21.23	228	115686	2.13	ng/ul	97
33) Chrysene	21.28	228	128320	2.56	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	205355	3.66	ng/ul	94
36) Benzo(k)fluoranthene	22.83	252	61441m	1.17	ng/ul	
38) Benzo(a)pyrene	23.36	252	133683	2.52	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	115172	2.09	ng/ul#	93
41) Benzo(g,h,i)perylene	26.36	276	115214	2.50	ng/ul	99

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

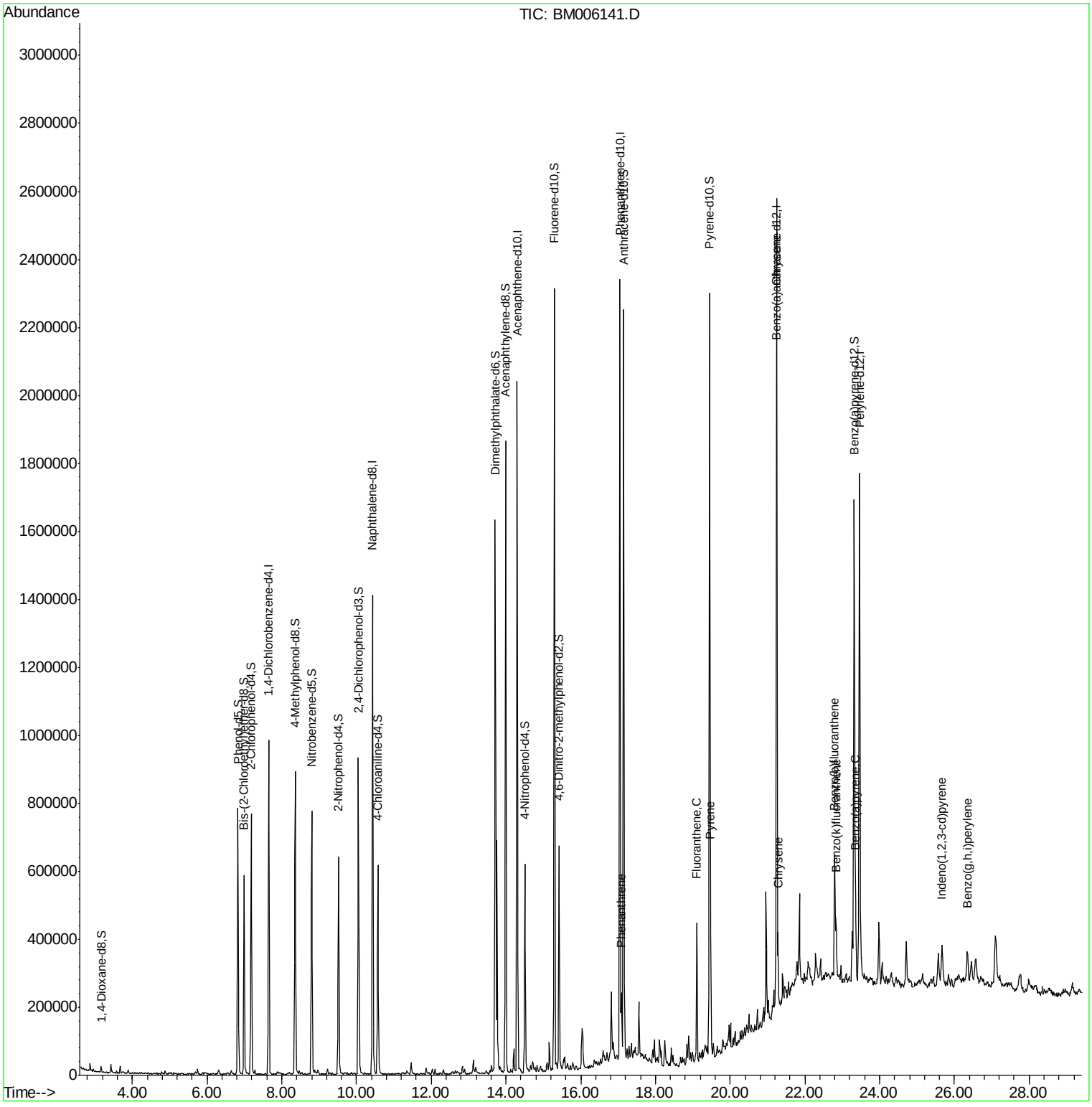
Quantitation Report (QT Reviewed)

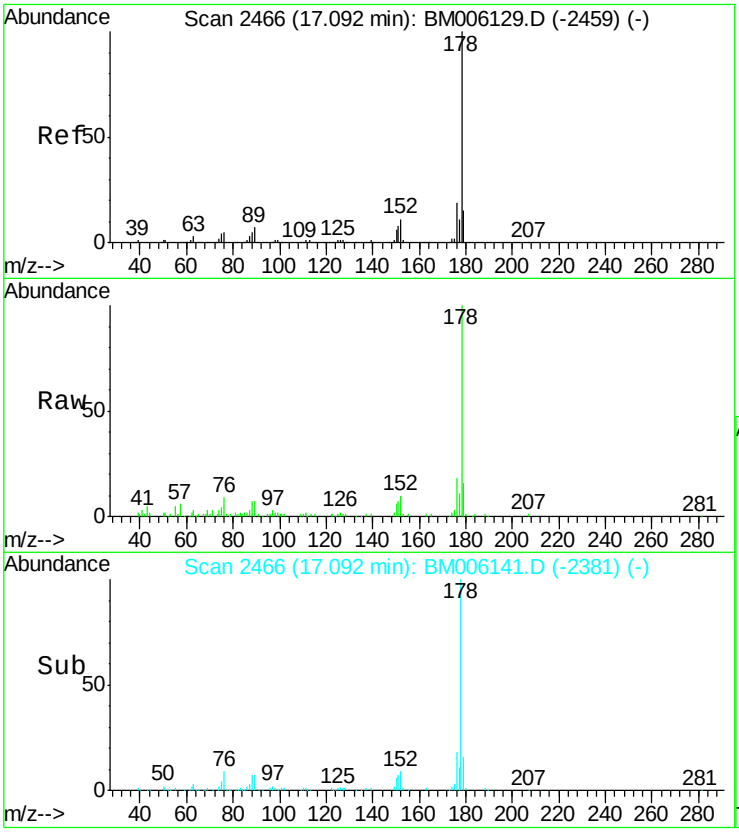
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006141.D
Acq On : 30 Jun 2016 00:39
Operator : UM/SJ
Sample : H3780-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 30 04:07:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YG1

Manual Integrations
APPROVED
sohil
6/30/2016 7:44:22 PM

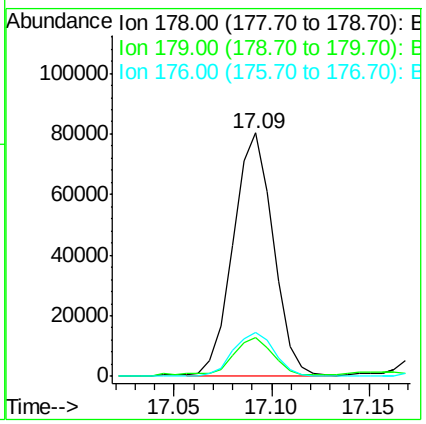




#25
Phenanthrene
Concen: 1.82 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

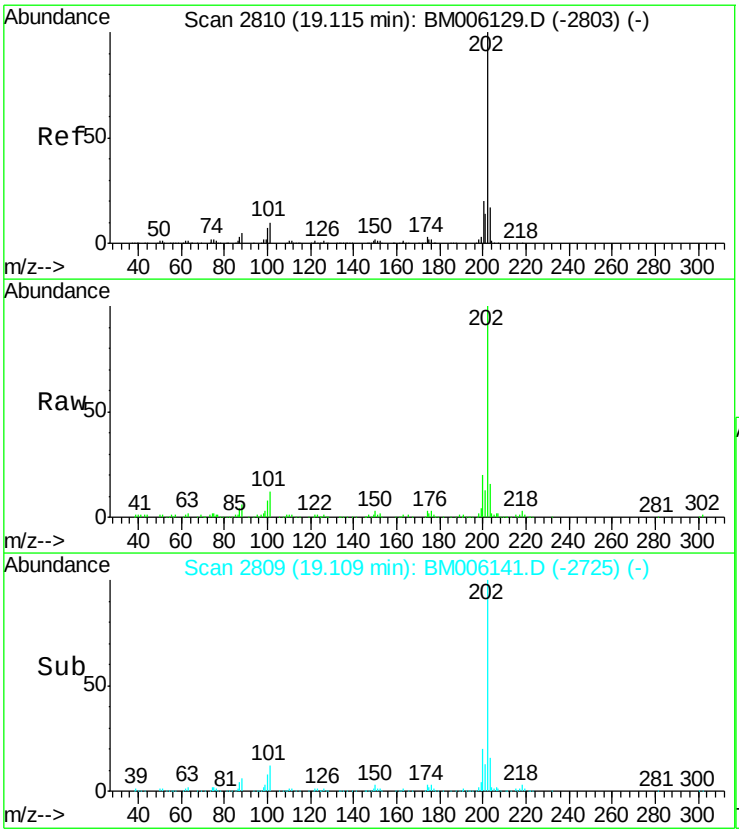
Tgt Ion:178 Resp: 114340

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	17.9	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9YG1

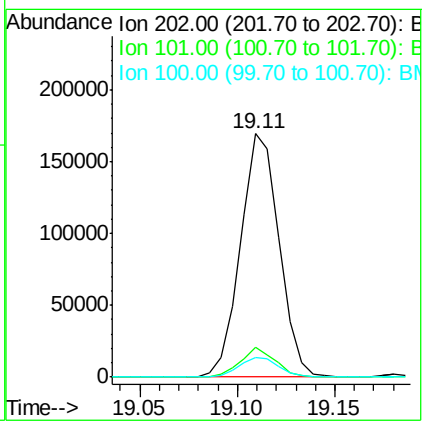
Manual Integrations
APPROVED
sohil
6/30/2016 7:44:22 PM

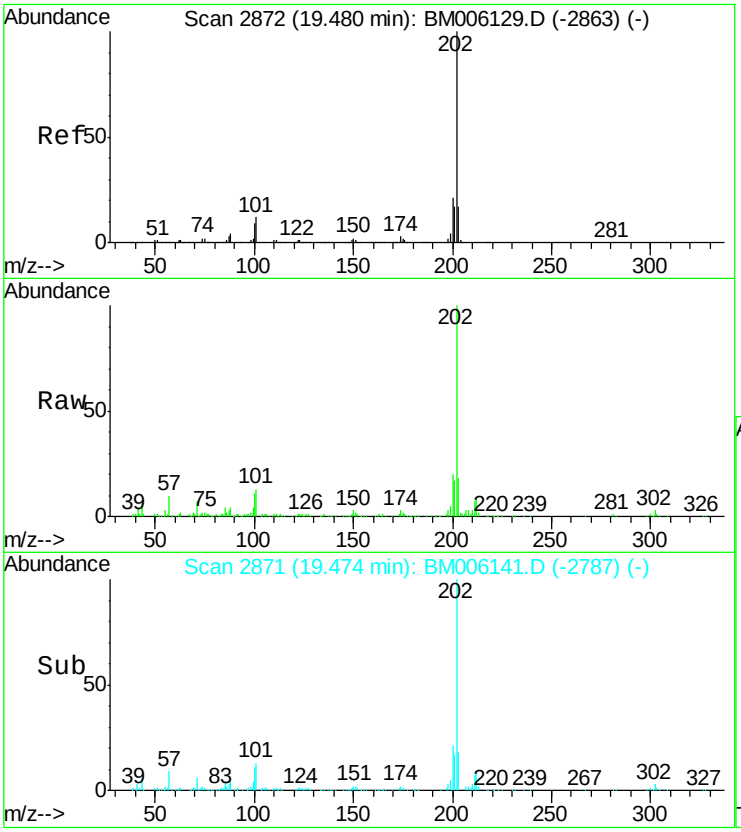


#28
Fluoranthene
Concen: 3.01 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion:202 Resp: 232349

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.5	12.7
100	8.1	6.5	9.7

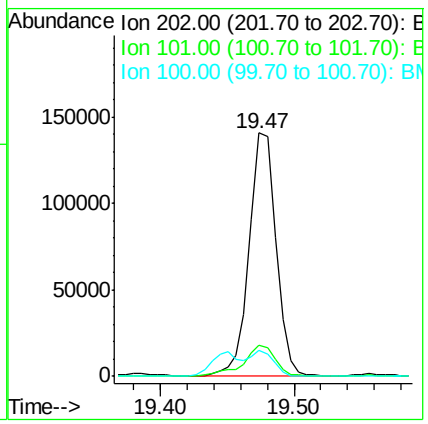




#31
Pyrene
Concen: 3.57 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

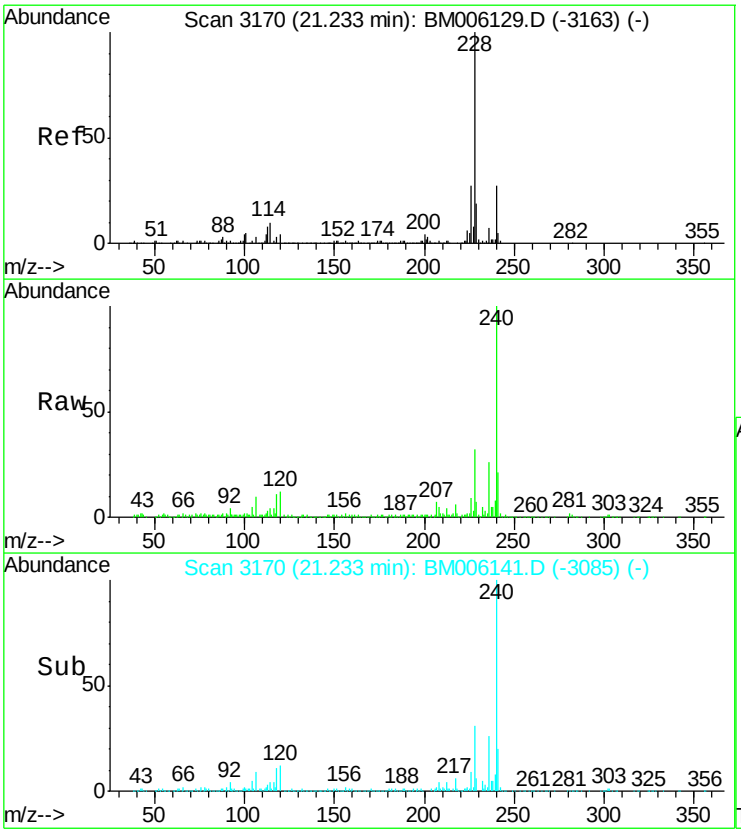
Tgt Ion:202 Resp: 196924

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	10.9	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
D9YG1

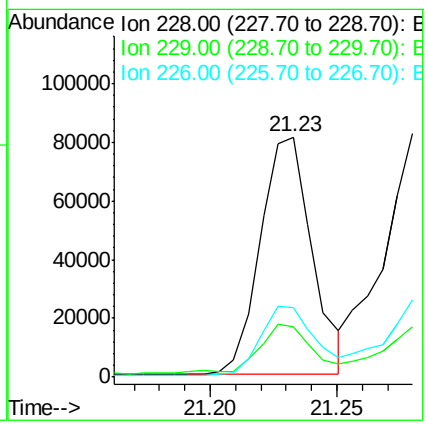
Manual Integrations
APPROVED
sohil
6/30/2016 7:44:22 PM

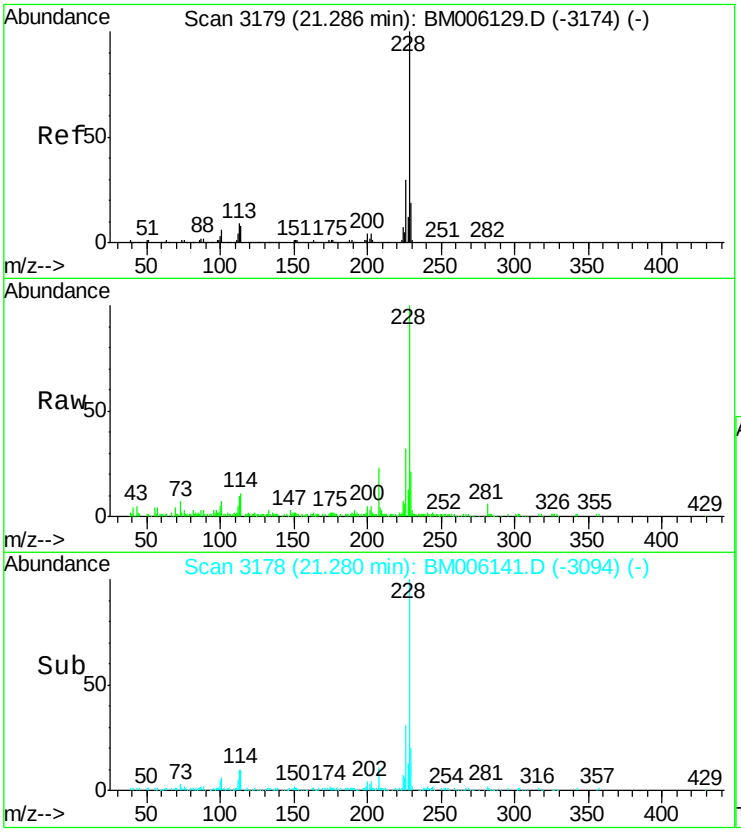


#32
Benzo(a)anthracene
Concen: 2.13 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion:228 Resp: 115686

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	28.8	21.6	32.4

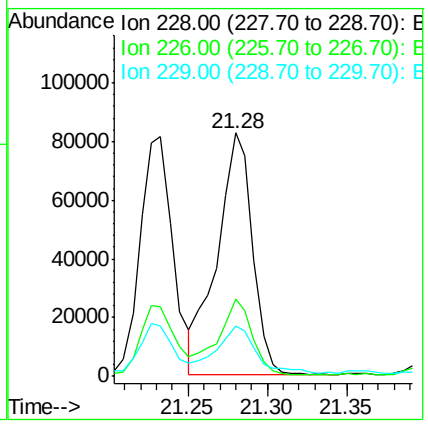




#33
Chrysene
Concen: 2.56 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

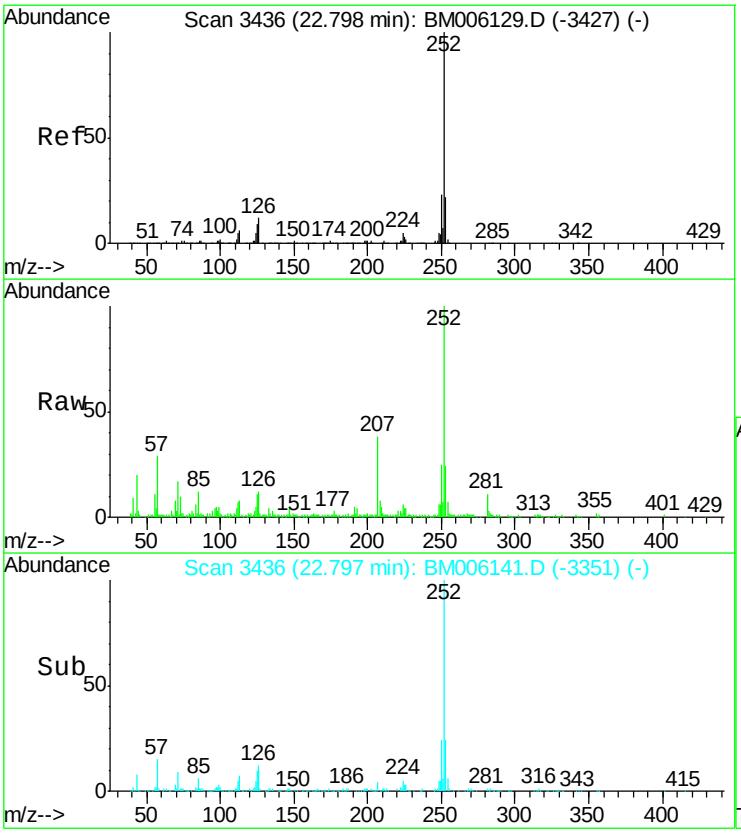
Tgt Ion:228 Resp: 128320

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	20.7	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9YG1

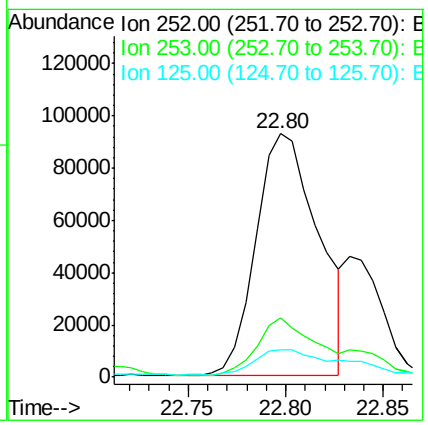
Manual Integrations
APPROVED
sohil
6/30/2016 7:44:22 PM

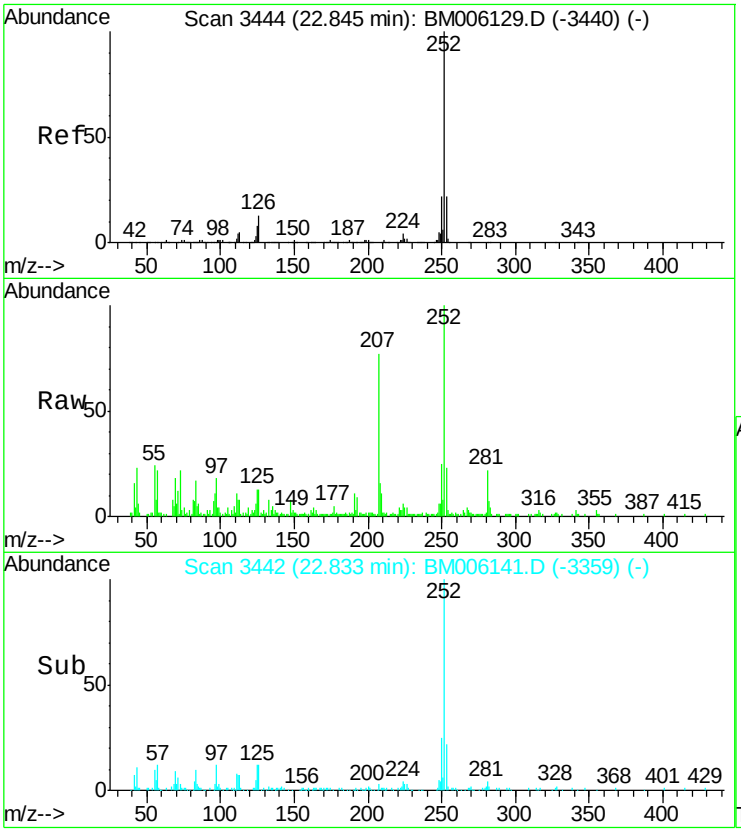


#35
Benzo(b)fluoranthene
Concen: 3.66 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion:252 Resp: 205355

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	11.4	7.8	11.6

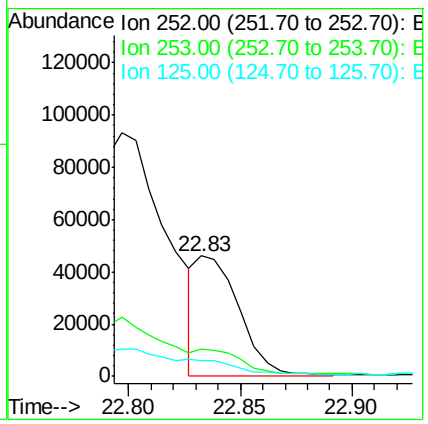




#36
Benzo(k)fluoranthene
Concen: 1.17 ng/ul m
RT: 22.83 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

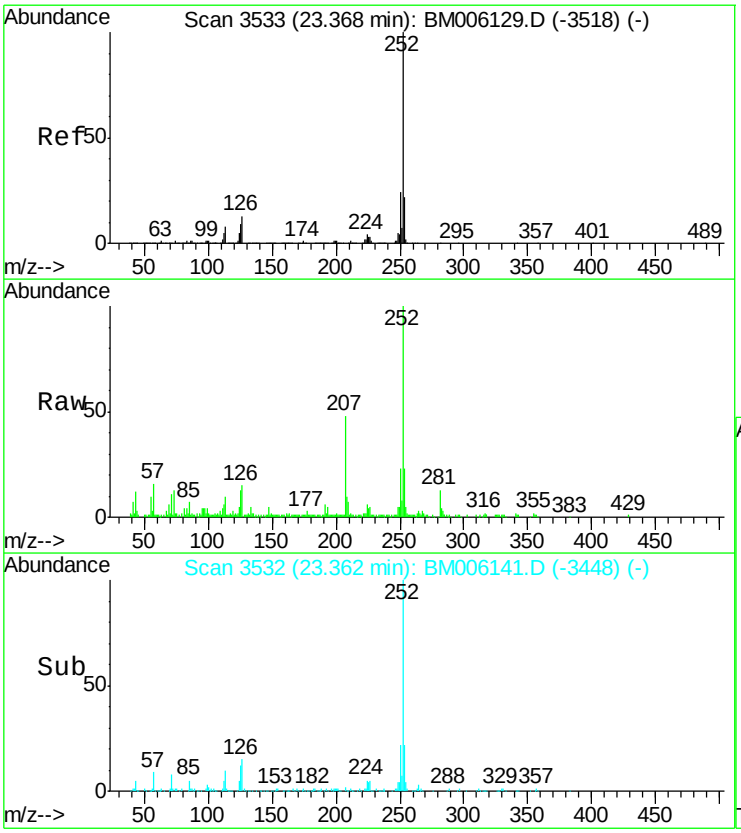
Tgt Ion:252 Resp: 61441

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	12.8	8.1	12.1#



Instrument :
BNA_M
ClientSampleId :
D9YG1

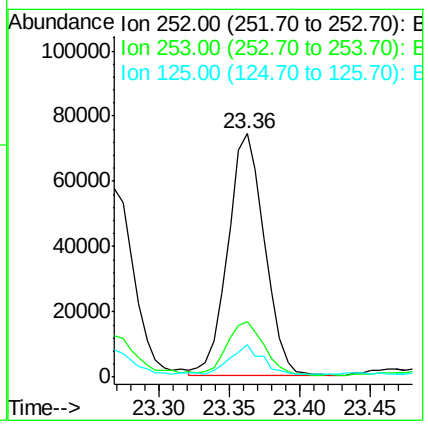
Manual Integrations
APPROVED
sohil
6/30/2016 7:44:22 PM

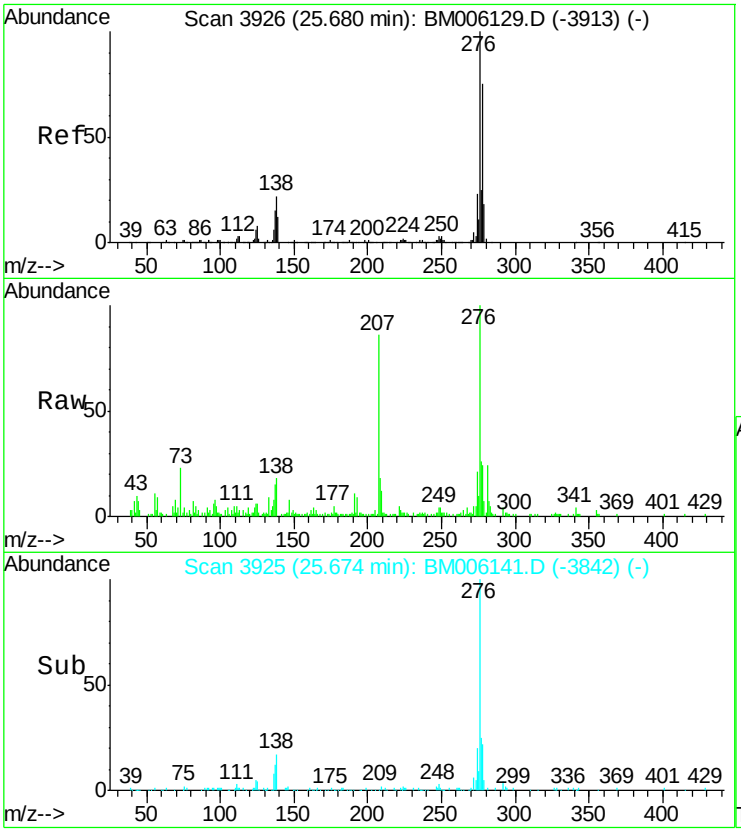


#38
Benzo(a)pyrene
Concen: 2.52 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion:252 Resp: 133683

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	13.2	8.7	13.1#

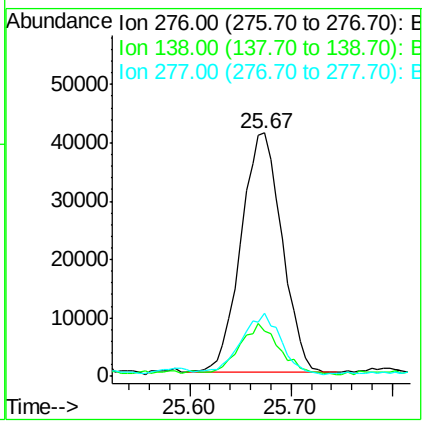




#39
Indeno(1,2,3-cd)pyrene
Concen: 2.09 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

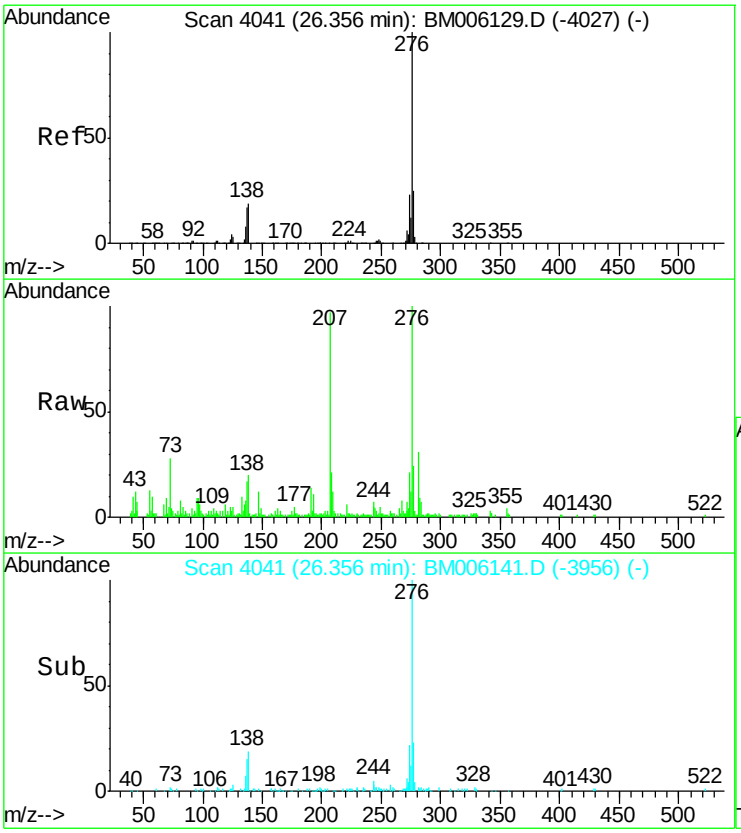
Tgt Ion:276 Resp: 115172

Ion	Ratio	Lower	Upper
276	100		
138	18.3	20.4	30.6#
277	26.0	20.6	30.8



Instrument :
BNA_M
ClientSampleId :
D9YG1

Manual Integrations
APPROVED
sohil
6/30/2016 7:44:22 PM



#41
Benzo(g,h,i)perylene
Concen: 2.50 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BM006141.D
Acq: 30 Jun 2016 00:39

Tgt Ion:276 Resp: 115214

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.6	25.0
277	23.6	18.9	28.3