Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037199.D
Acq On : 24 Oct 2022 12:28
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 25 02:19:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	16430	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	9797	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	20506	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	17795	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	14893	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	35495	5.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8136	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	20270	0.377	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.748	128	6958	0.143	ng/ul	98
7) 2-Methylnaphthalene	12.360	142	1454	0.050	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	1383	0.046	ng/ul	97
10) Acenaphthylene	14.251	152	10935	0.260	ng/ul	99
11) Acenaphthene	14.594	153	2131	0.056	ng/ul	98
12) Fluorene	15.574	166	5590	0.126	ng/ul#	98
15) Phenanthrene	17.313	178	109693	1.585	ng/ul	98
16) Anthracene	17.402	178	44181	0.806	ng/ul	99
19) Fluoranthene	19.322	202	355623	4.600	ng/ul	98
20) Pyrene	19.689	202	318404	4.063	ng/ul	99
21) Benzo(a)anthracene	21.430	228	211225	3.059	ng/ul	98
22) Chrysene	21.482	228	187355	2.358	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	238337	3.021	ng/ul	93
25) Benzo(k)fluoranthene	23.139	252	91198m	1.196	ng/ul	
26) Benzo(a)pyrene	23.712	252	168813	2.665	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.269	276	96713	1.093	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.282	278	24056	0.345	ng/ul	97
29) Benzo(g,h,i)perylene	27.027	276	69828	0.897	ng/ul	96

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

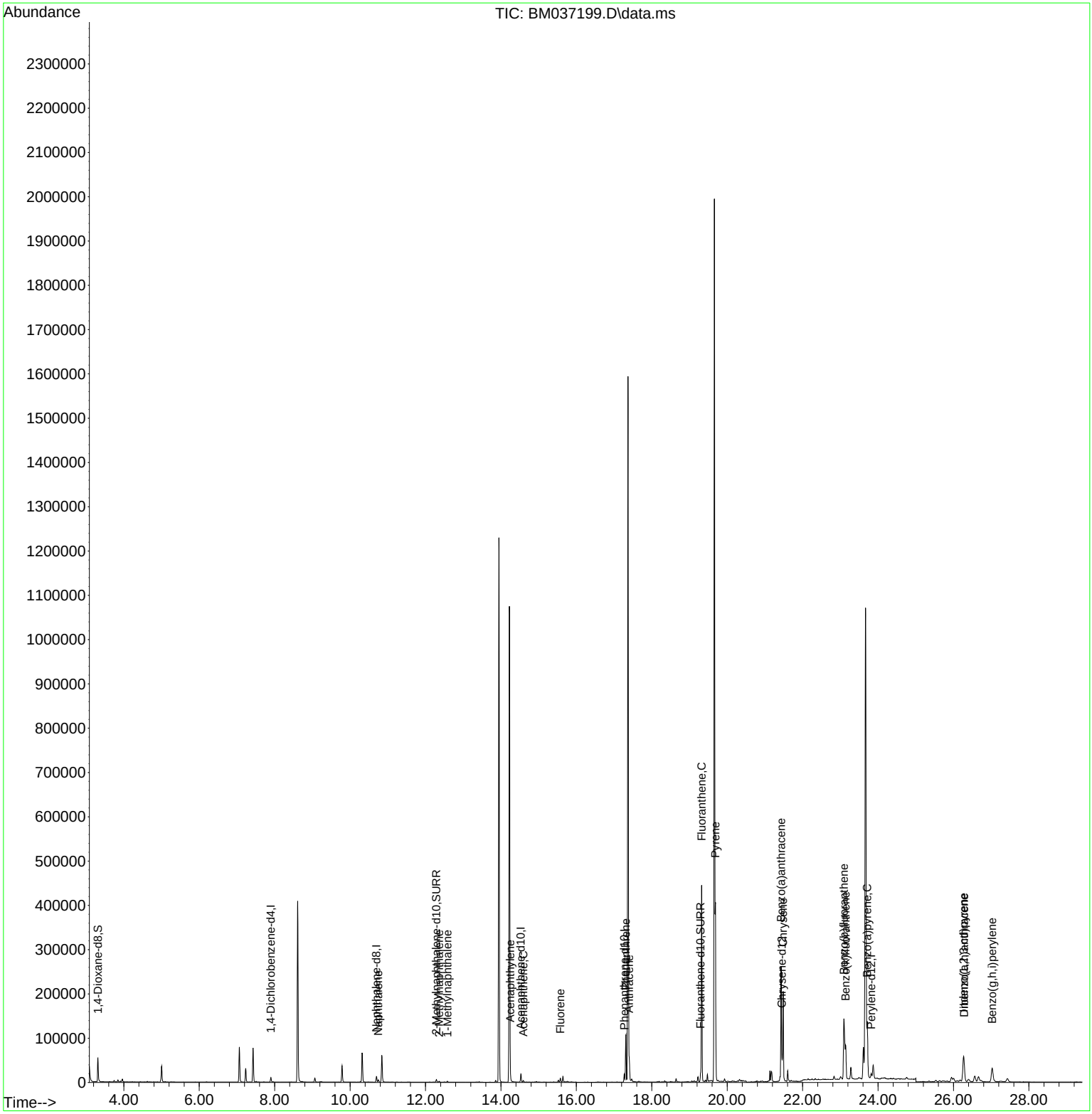
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037199.D
Acq On : 24 Oct 2022 12:28
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

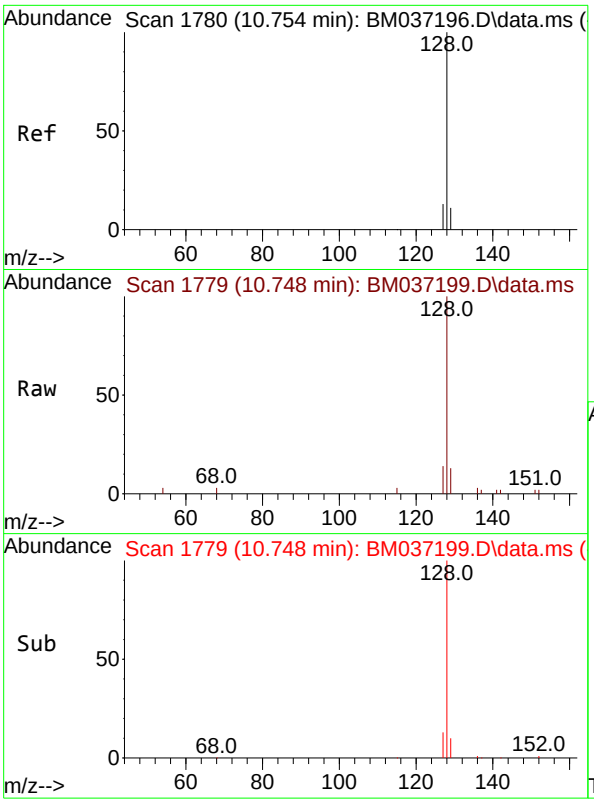
Quant Time: Oct 25 02:19:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022





#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.748 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

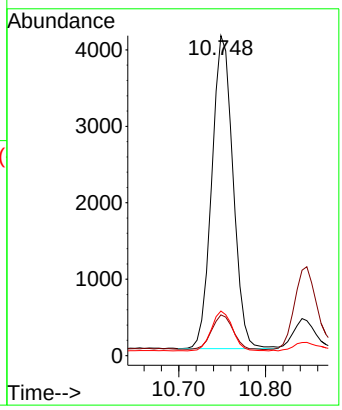
Tgt Ion:128 Resp: 695

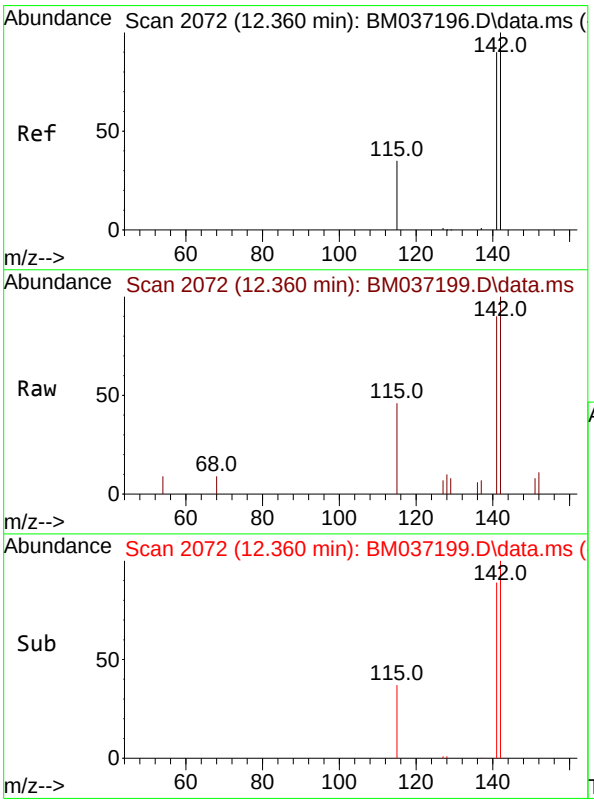
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.3	13.9
127	13.9	10.5	15.7

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

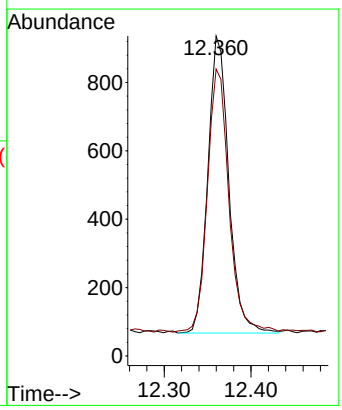


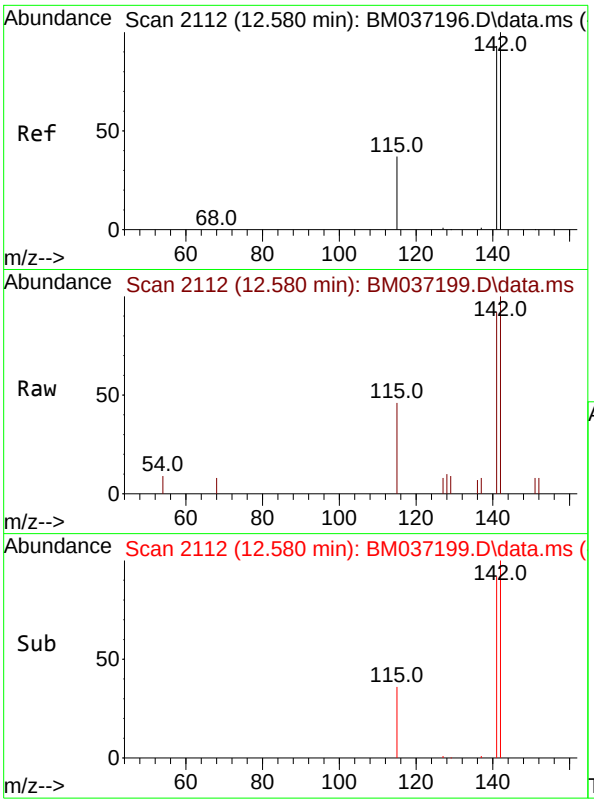


#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:142 Resp: 1454

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.8	109.2





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.580 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

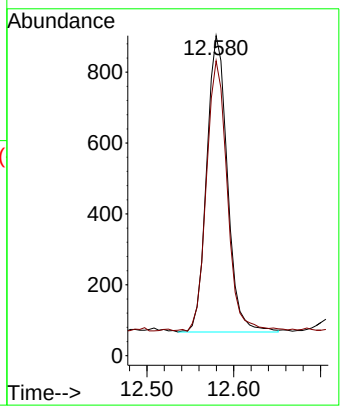
Tgt Ion:142 Resp: 138

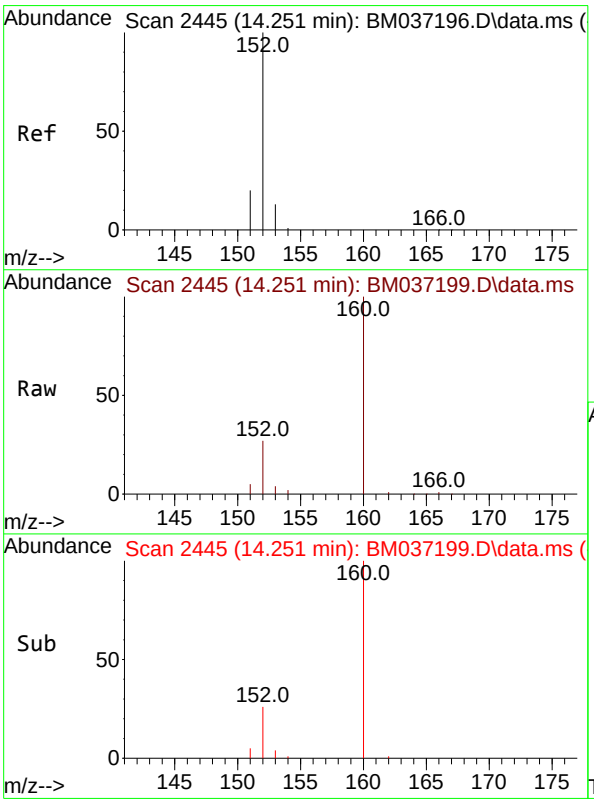
Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.2	111.4

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

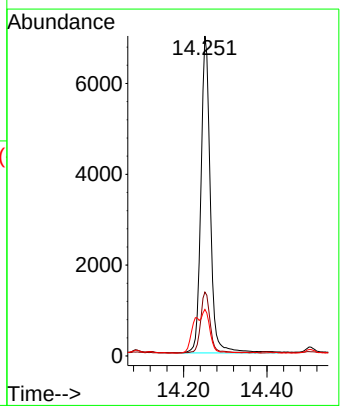


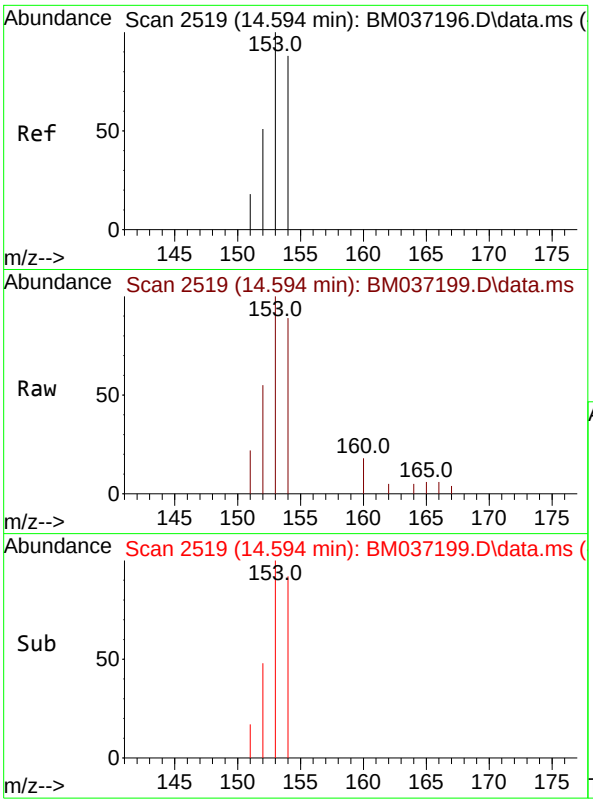


#10
Acenaphthylene
Concen: 0.260 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:152 Resp: 10935

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	14.6	10.8	16.2





#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.594 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

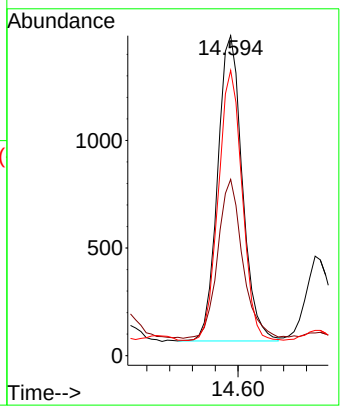
Tgt Ion:153 Resp: 213

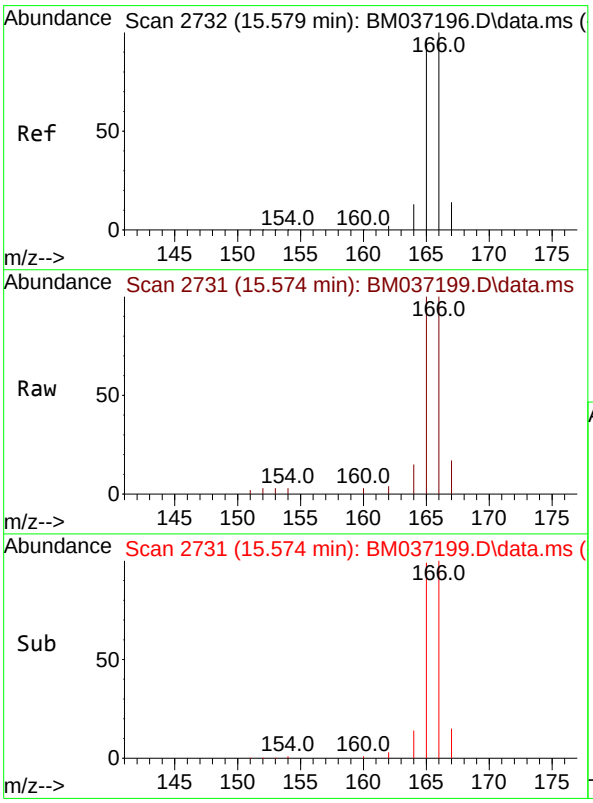
Ion	Ratio	Lower	Upper
153	100		
152	55.1	43.3	64.9
154	89.2	70.0	105.0

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

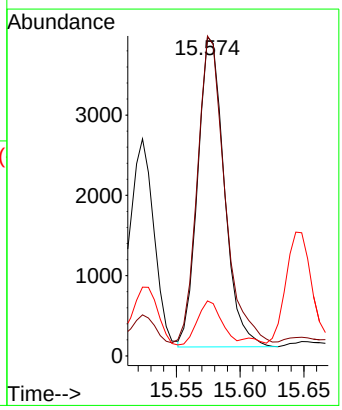


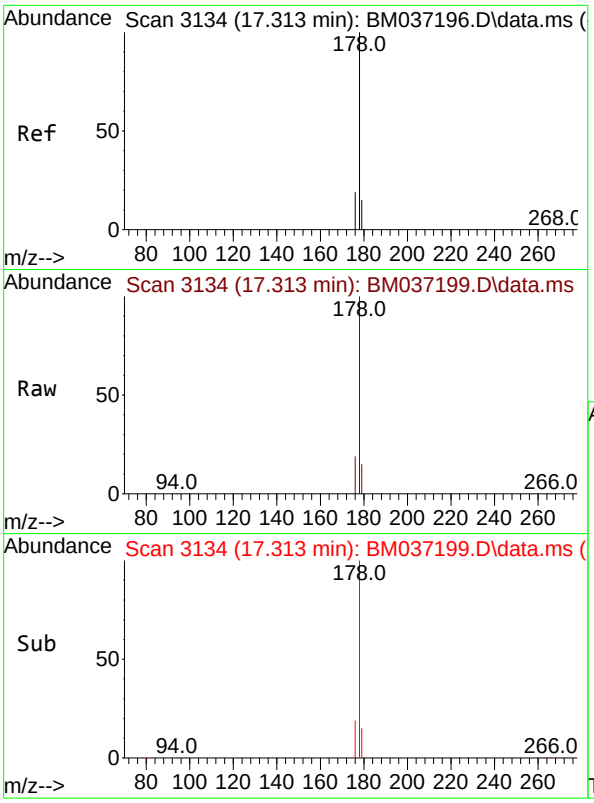


#12
Fluorene
Concen: 0.126 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:166 Resp: 5590

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.4	119.2
167	17.2	11.3	16.9#

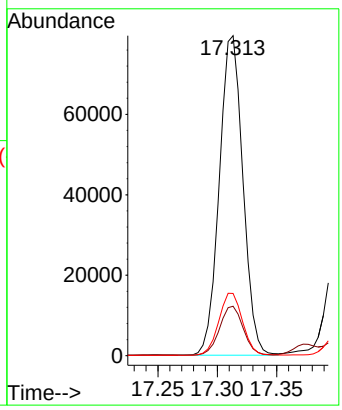




#15
Phenanthrene
Concen: 1.585 ng/ul
RT: 17.313 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:178 Resp: 10969

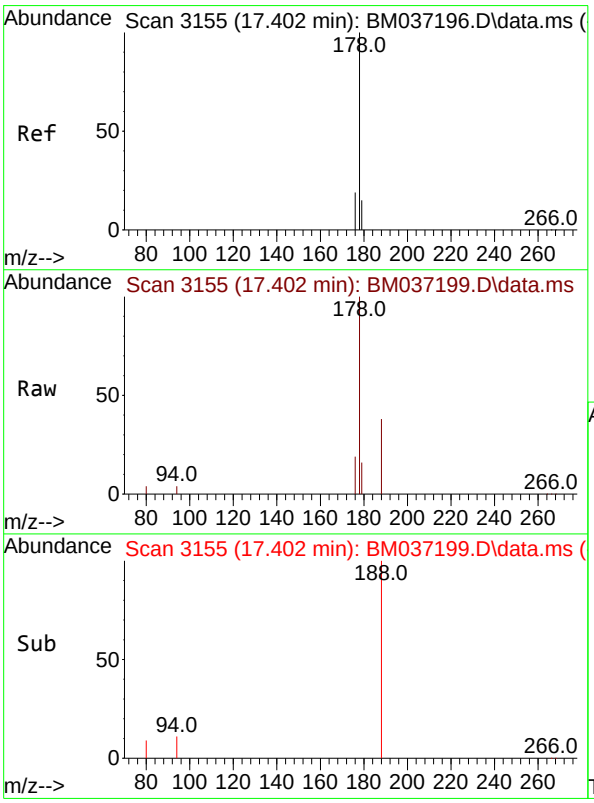
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.4	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

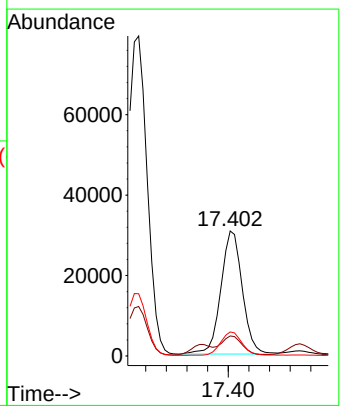
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

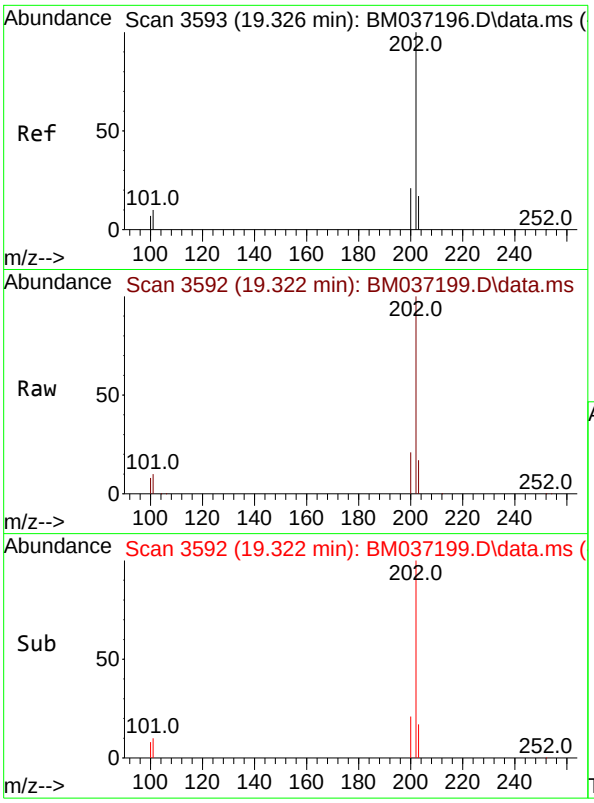


#16
Anthracene
Concen: 0.806 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:178 Resp: 44181

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.1	19.7
176	19.2	15.3	22.9





#19
Fluoranthene
Concen: 4.600 ng/ul
RT: 19.322 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

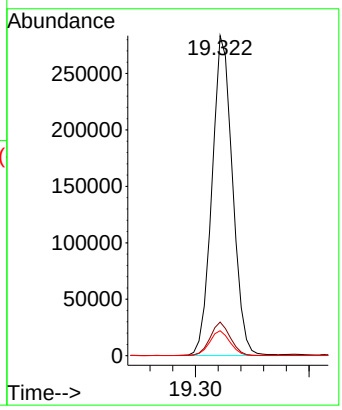
Tgt Ion:202 Resp: 35562

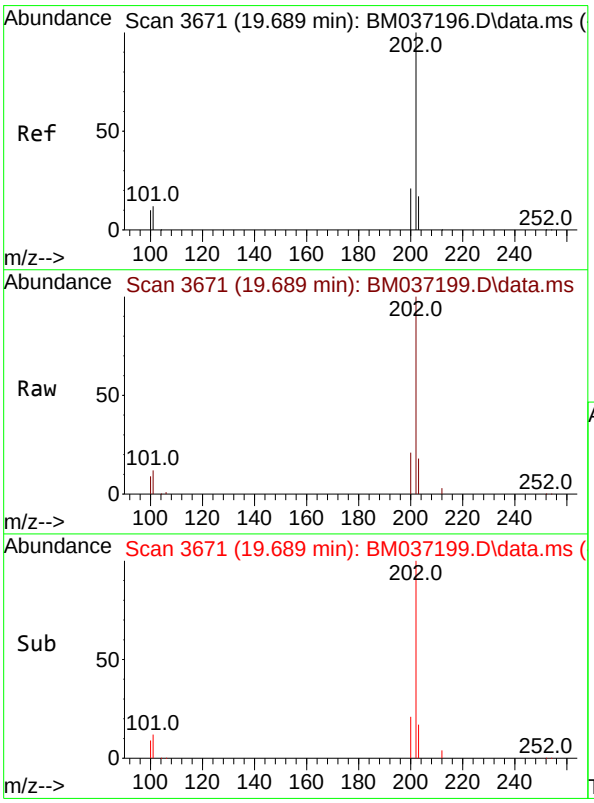
Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
100	7.8	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

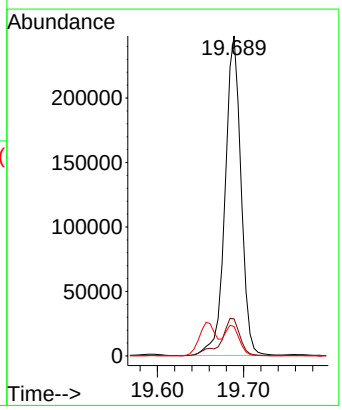


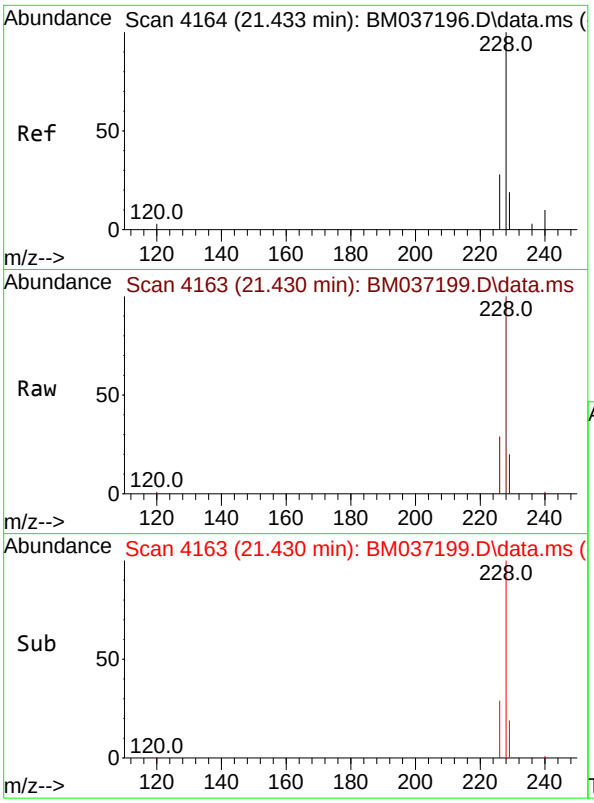


#20
Pyrene
Concen: 4.063 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:202 Resp: 318404

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.7	14.5
100	9.2	7.8	11.8

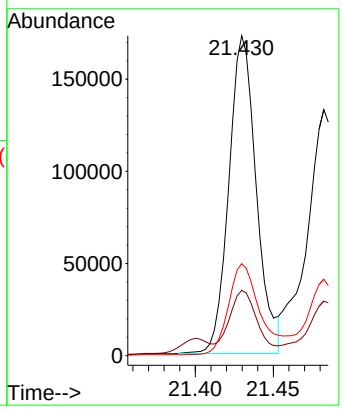




#21
Benzo(a)anthracene
Concen: 3.059 ng/ul
RT: 21.430 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:228 Resp: 21122

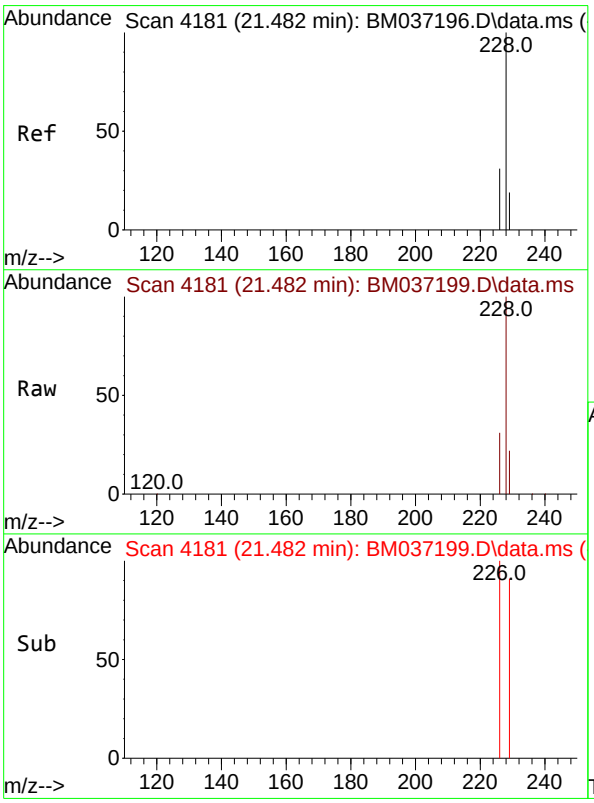
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	28.7	21.8	32.8



Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

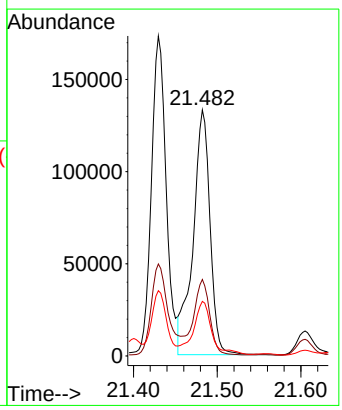
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

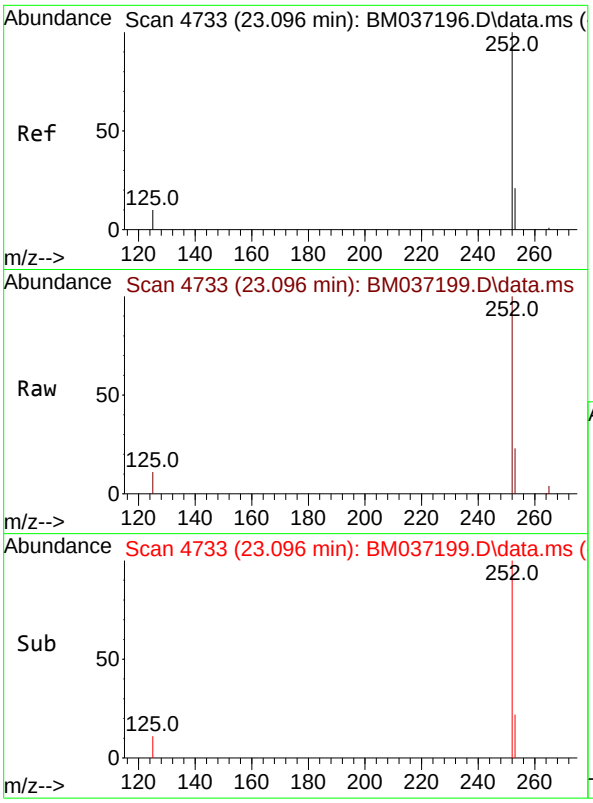


#22
Chrysene
Concen: 2.358 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:228 Resp: 187355

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	22.2	16.0	24.0

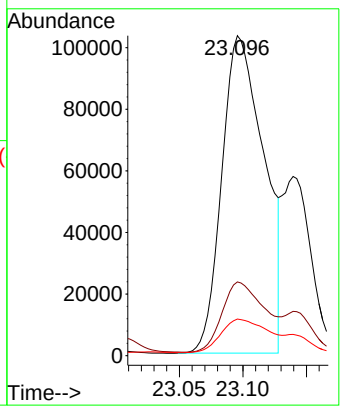




#24
Benzo(b)fluoranthene
Concen: 3.021 ng/ul
RT: 23.096 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:252 Resp: 23833

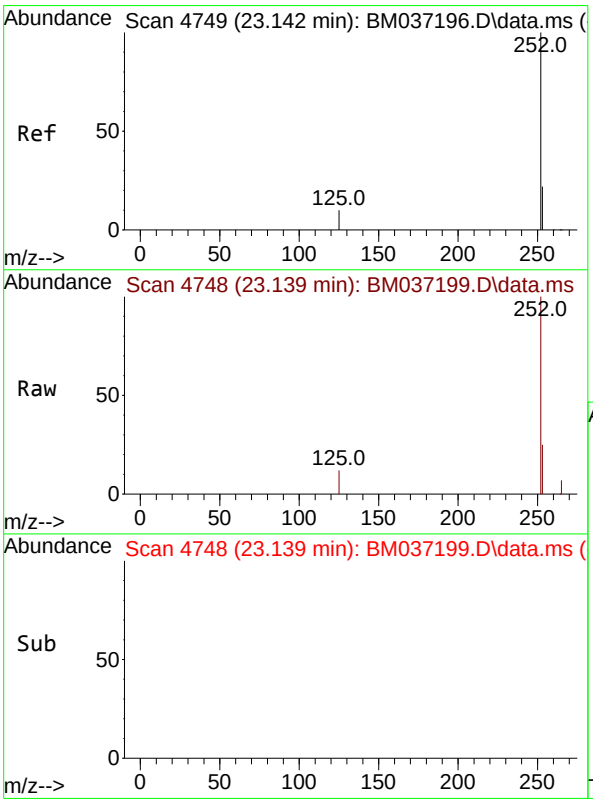
Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	50.6
125	11.4	0.0	32.6



Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

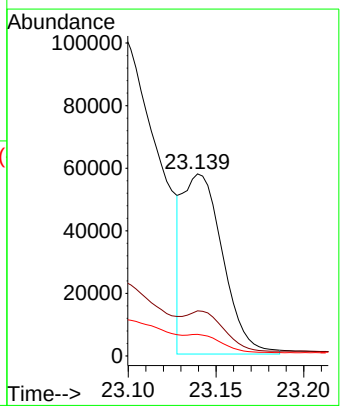
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

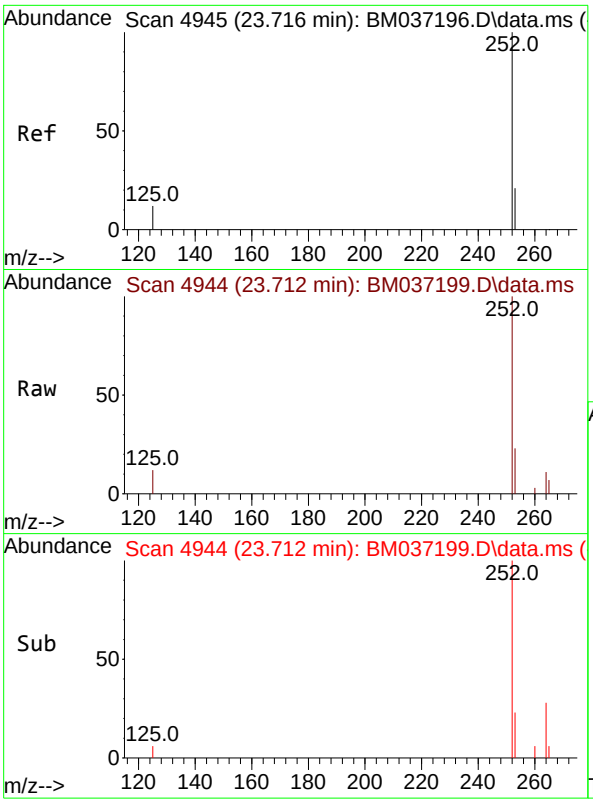


#25
Benzo(k)fluoranthene
Concen: 1.196 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:252 Resp: 91198

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.6	30.8
125	11.9	13.3	19.9#

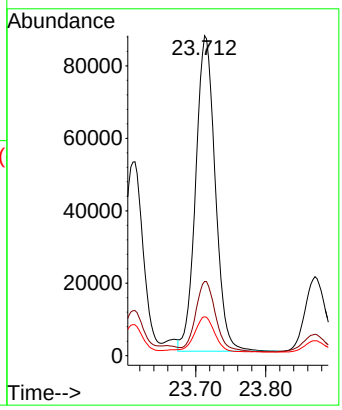




#26
Benzo(a)pyrene
Concen: 2.665 ng/ul
RT: 23.712 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:252 Resp: 16881

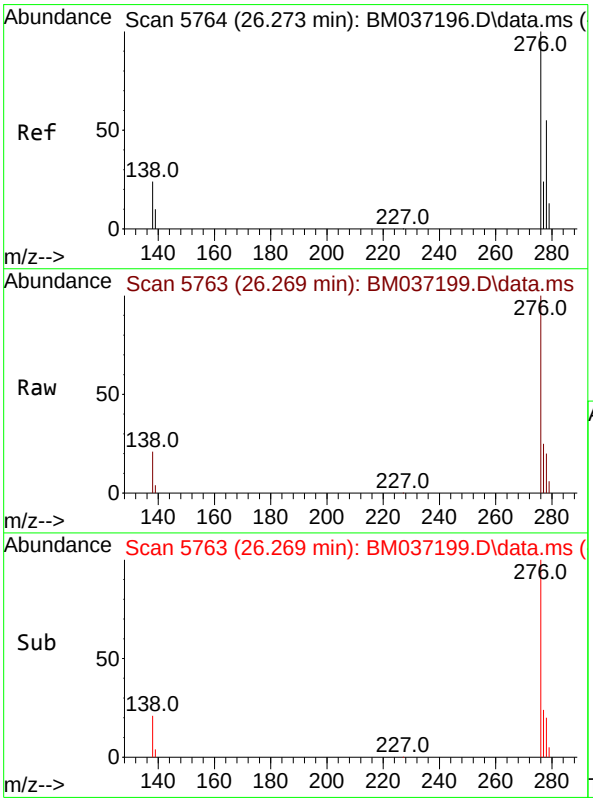
Ion	Ratio	Lower	Upper
252	100		
253	23.2	22.1	33.1
125	12.1	17.6	26.4#



Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

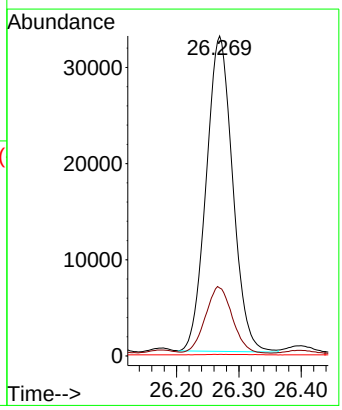
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

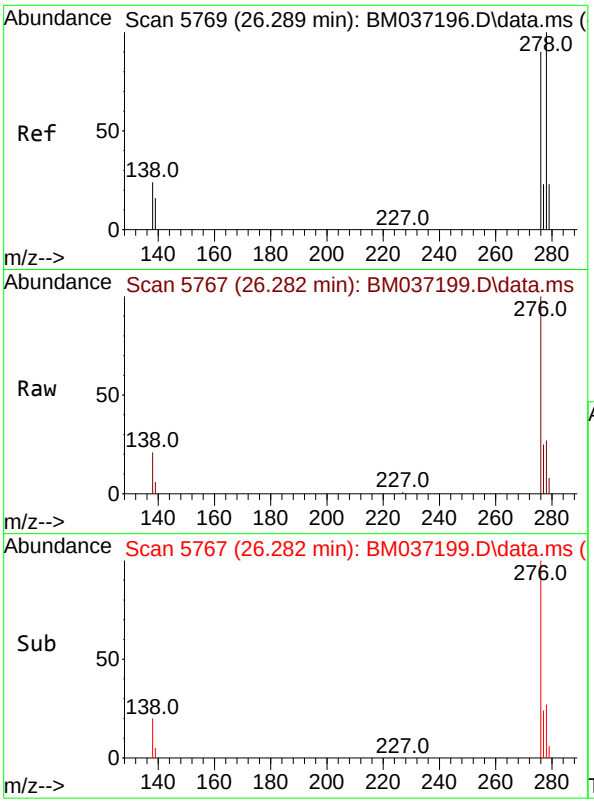


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.093 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:276 Resp: 96713

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.4	32.0
227	0.3	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.282 min Scan# 5
Delta R.T. -0.009 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

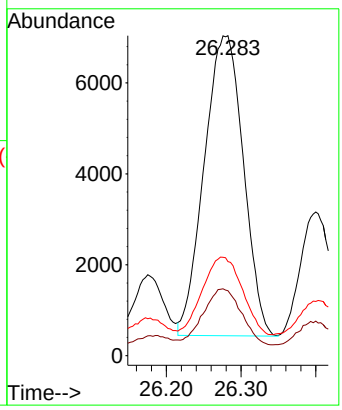
Tgt Ion:278 Resp: 2405

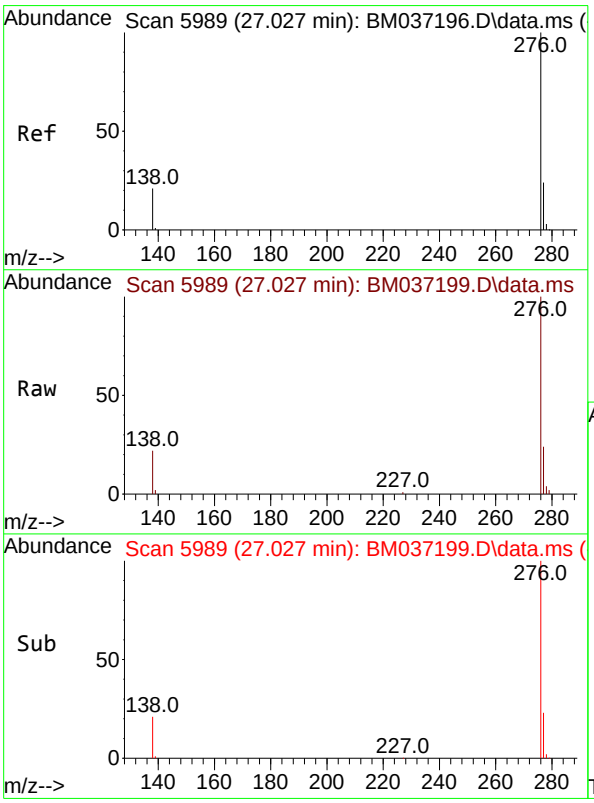
Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.3	24.5
279	29.4	21.5	32.3

Instrument :
BNA_M
ClientSampleId :
BGNM2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022





#29
Benzo(g,h,i)perylene
Concen: 0.897 ng/ul
RT: 27.027 min Scan# 5989
Delta R.T. 0.001 min
Lab File: BM037199.D
Acq: 24 Oct 2022 12:28

Tgt Ion:276 Resp: 69828

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.8	29.8
277	24.0	20.1	30.1