Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033822.D
Acq On : 21 Jan 2022 13:33
Operator : CG/JU
Sample : N1129-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 23:36:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3285	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	12660	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	7352	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	13198	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	7065	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	7020	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	10174	2.907	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	3491	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	5782	0.264	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.810	128	1225	0.033	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	606	0.026	ng/ul	98
8) 1-Methylnaphthalene	12.636	142	466	0.020	ng/ul	97
10) Acenaphthylene	14.307	152	684	0.020	ng/ul#	86
15) Phenanthrene	17.358	178	5290	0.124	ng/ul	98
19) Fluoranthene	19.369	202	10720	0.323	ng/ul	99
20) Pyrene	19.727	202	9970m	0.297	ng/ul	
21) Benzo(a)anthracene	21.463	228	3856	0.131	ng/ul#	91
22) Chrysene	21.516	228	4673	0.156	ng/ul#	94
24) Benzo(b)fluoranthene	23.149	252	5869m	0.191	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	2578m	0.085	ng/ul	
26) Benzo(a)pyrene	23.771	252	3881	0.145	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.383	276	3176	0.091	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.398	278	945	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	27.149	276	3136	0.105	ng/ul#	75

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

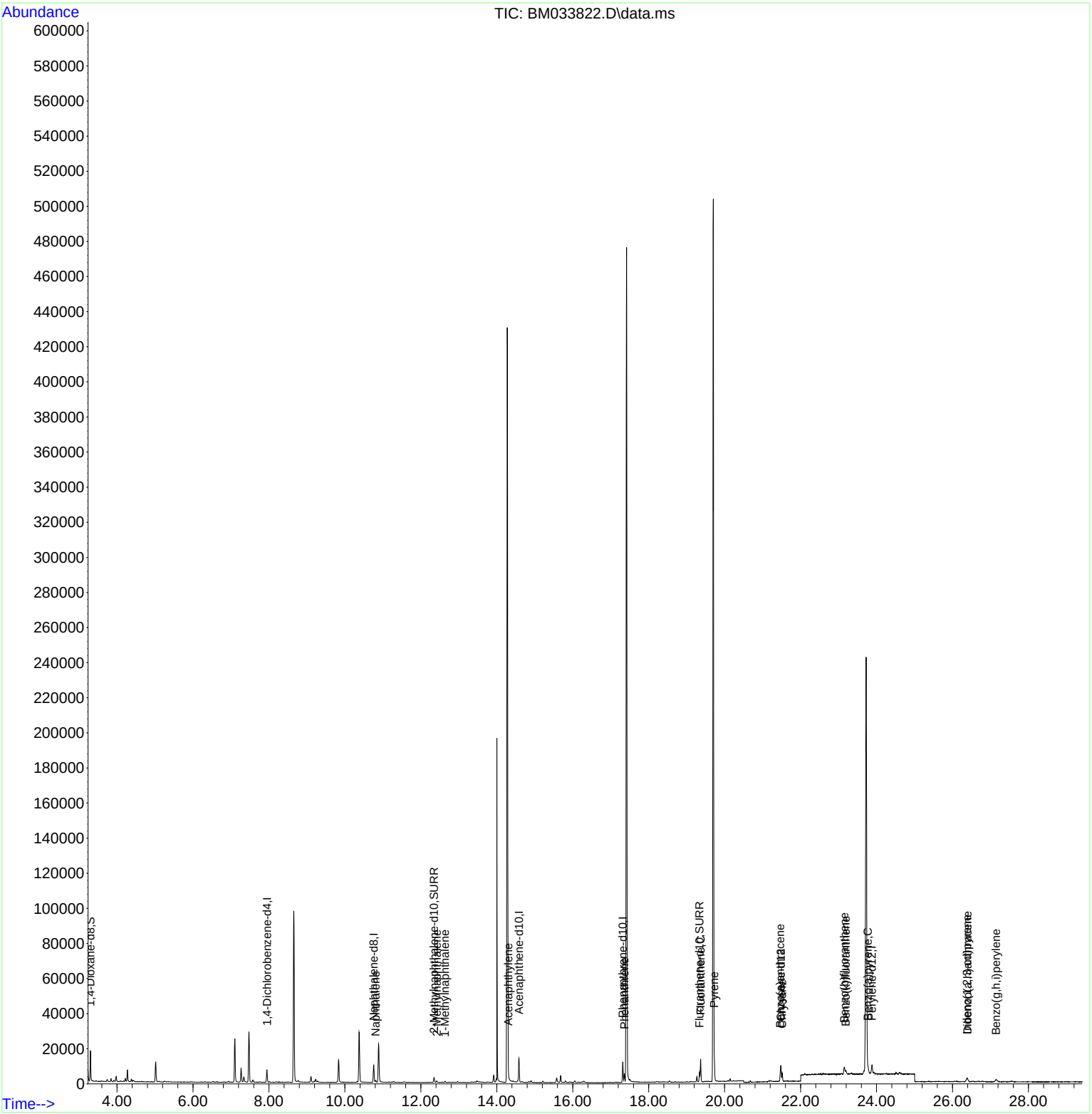
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033822.D
Acq On : 21 Jan 2022 13:33
Operator : CG/JU
Sample : N1129-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

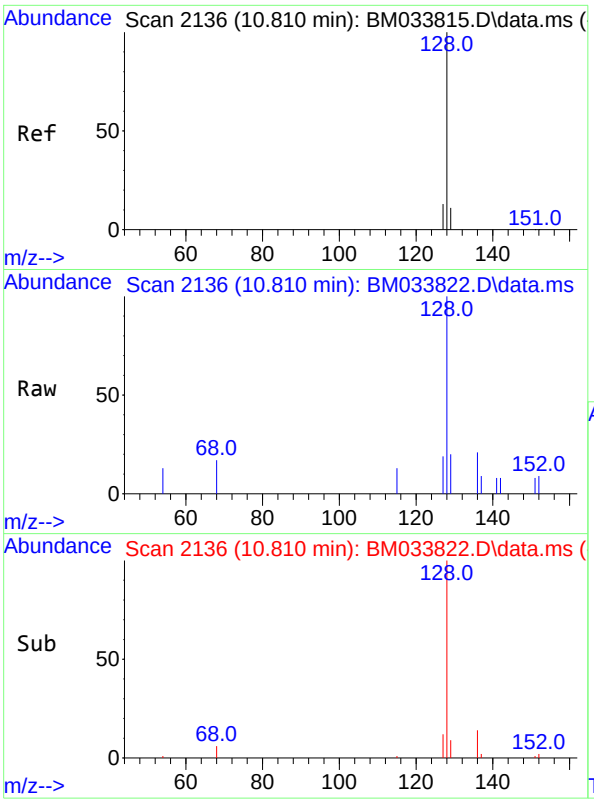
Quant Time: Jan 21 23:36:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

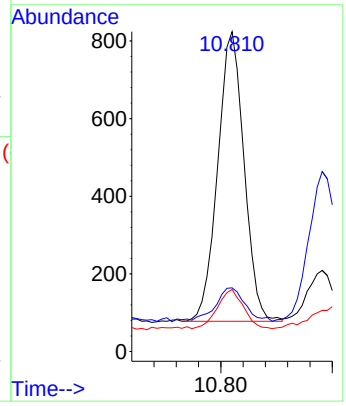




#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.810 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:128 Resp: 122

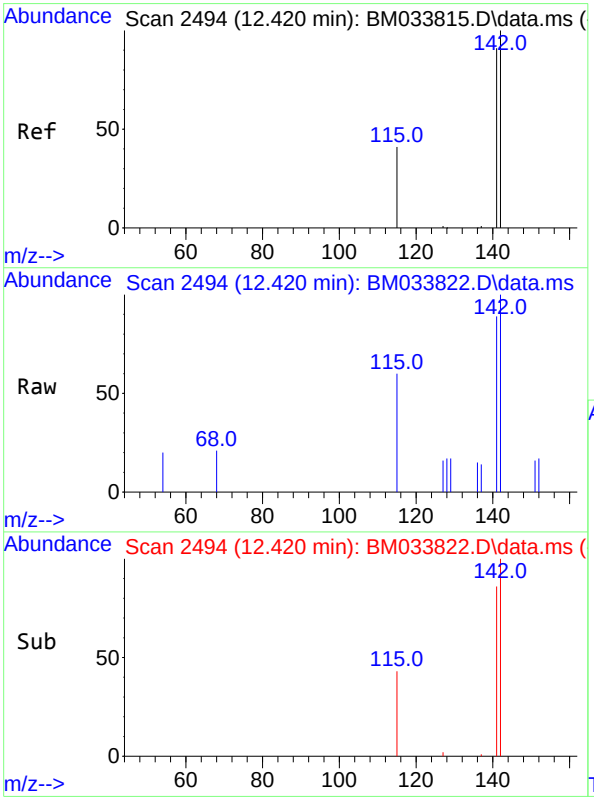
Ion	Ratio	Lower	Upper
128	100		
129	19.9	13.4	20.2
127	19.4	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

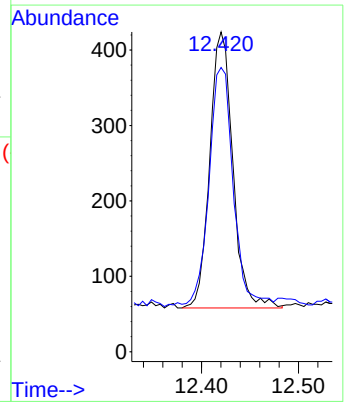
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

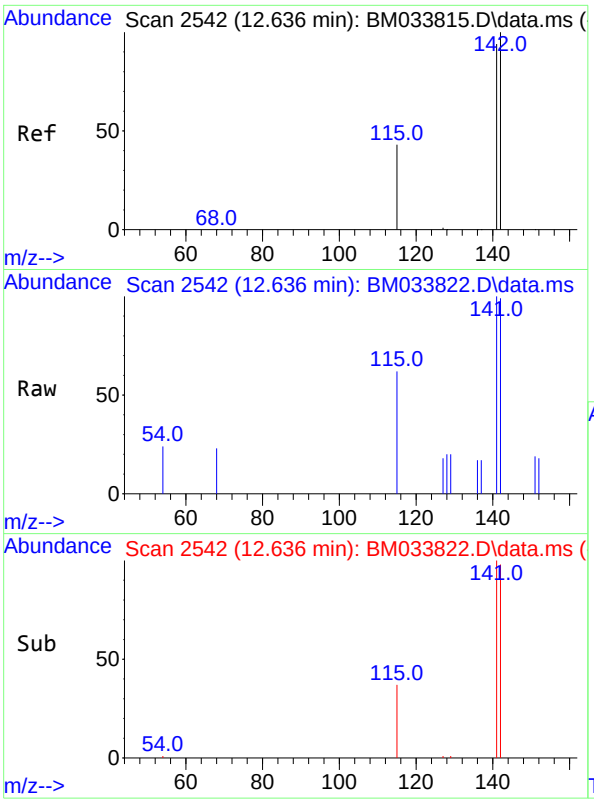


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:142 Resp: 606

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.8	107.6

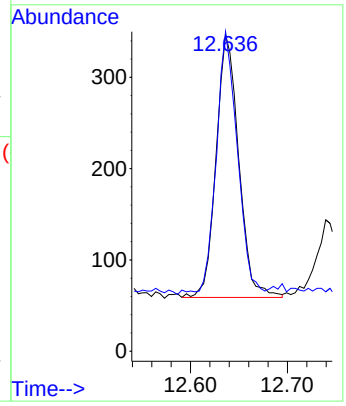




#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.636 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:142 Resp: 46

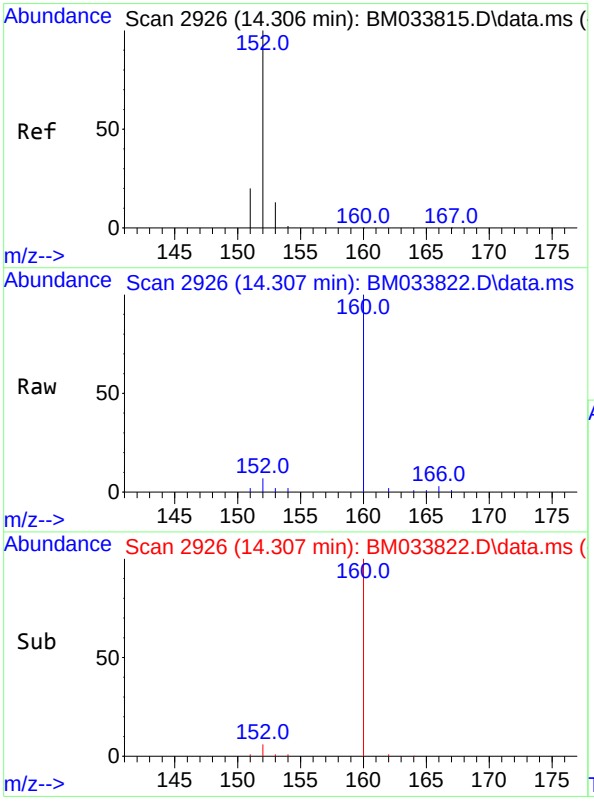
Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.0	112.4



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

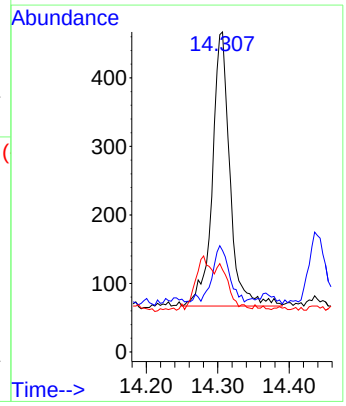
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

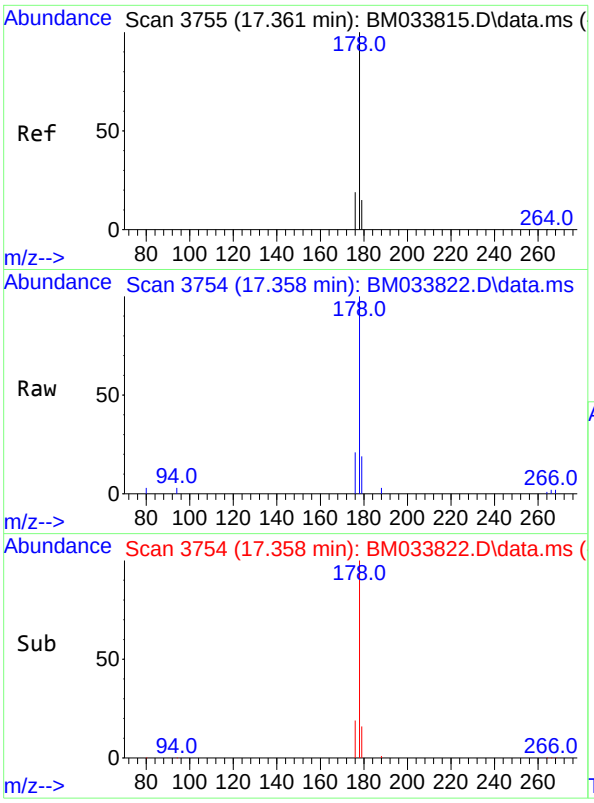


#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:152 Resp: 684

Ion	Ratio	Lower	Upper
152	100		
151	31.7	19.9	29.9#
153	25.7	15.0	22.4#

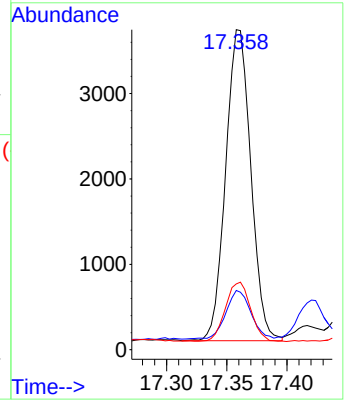




#15
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:178 Resp: 529

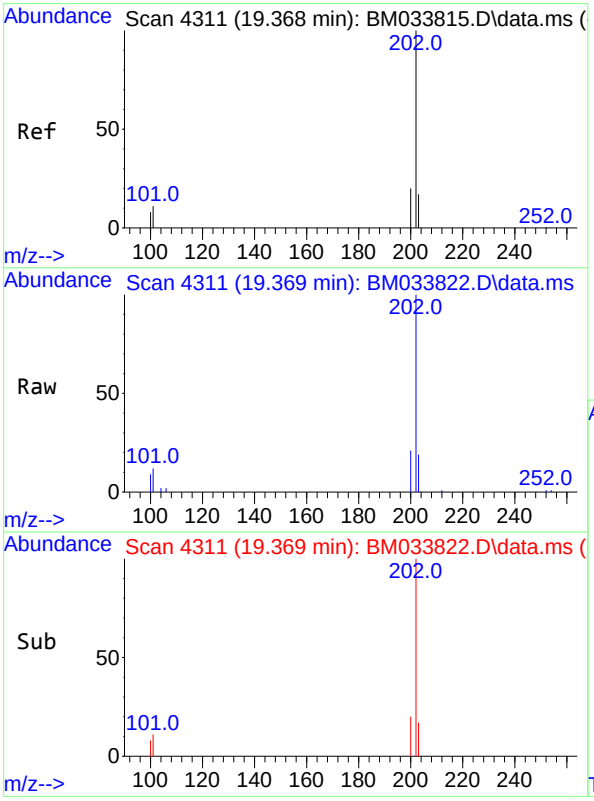
Ion	Ratio	Lower	Upper
178	100		
179	18.5	15.0	22.6
176	20.5	17.9	26.9



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

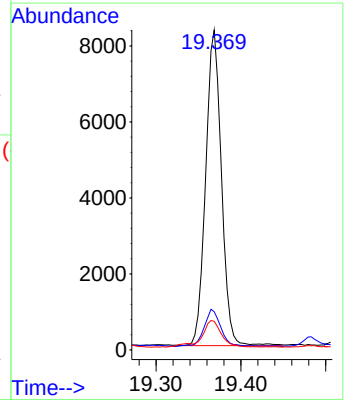
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

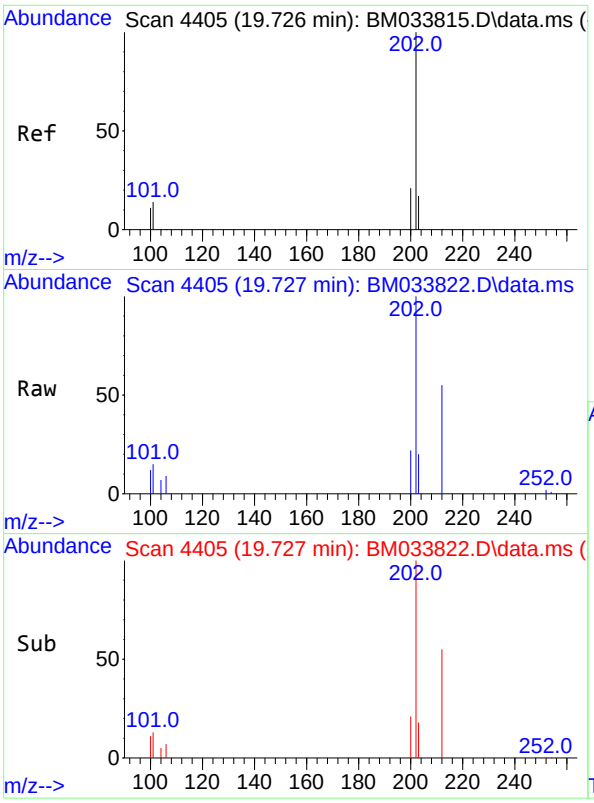


#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.369 min Scan# 4311
Delta R.T. -0.003 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:202 Resp: 10720

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	8.9	7.2	10.8





#20
Pyrene
Concen: 0.297 ng/ul m
RT: 19.727 min Scan# 44
Delta R.T. -0.007 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

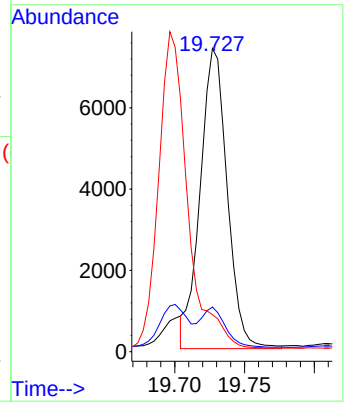
Tgt Ion:202 Resp: 997(

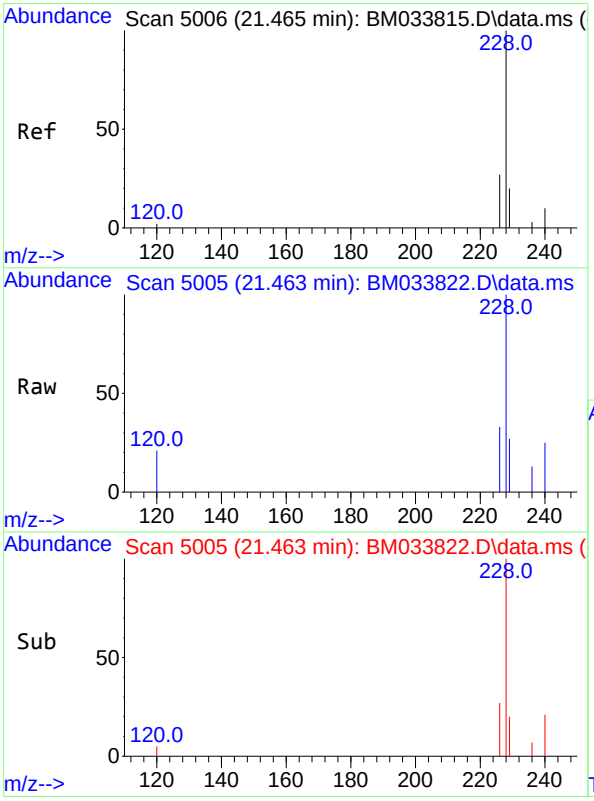
Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.3	13.9#
100	12.2	7.8	11.6#

Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

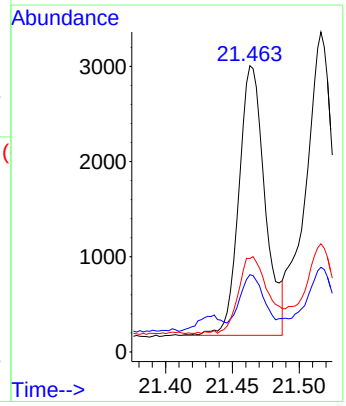


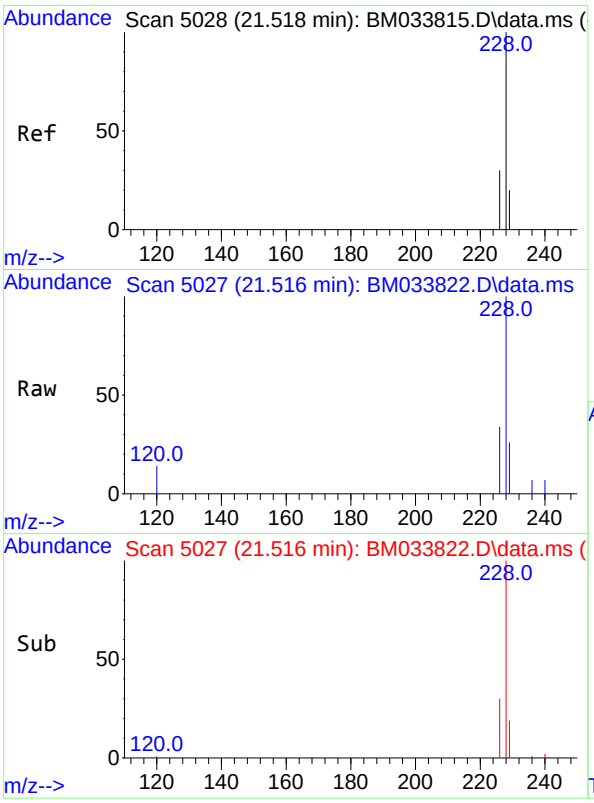


#21
Benzo(a)anthracene
Concen: 0.131 ng/ul
RT: 21.463 min Scan# 5005
Delta R.T. -0.007 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:228 Resp: 3856

Ion	Ratio	Lower	Upper
228	100		
229	27.0	17.3	25.9#
226	32.6	23.2	34.8

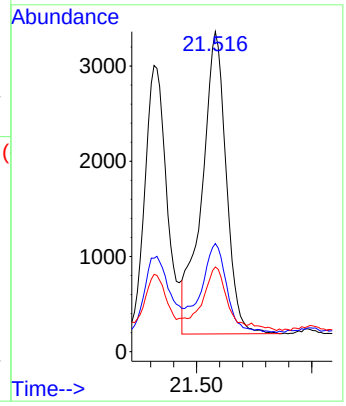




#22
Chrysene
Concen: 0.156 ng/ul
RT: 21.516 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:228 Resp: 467

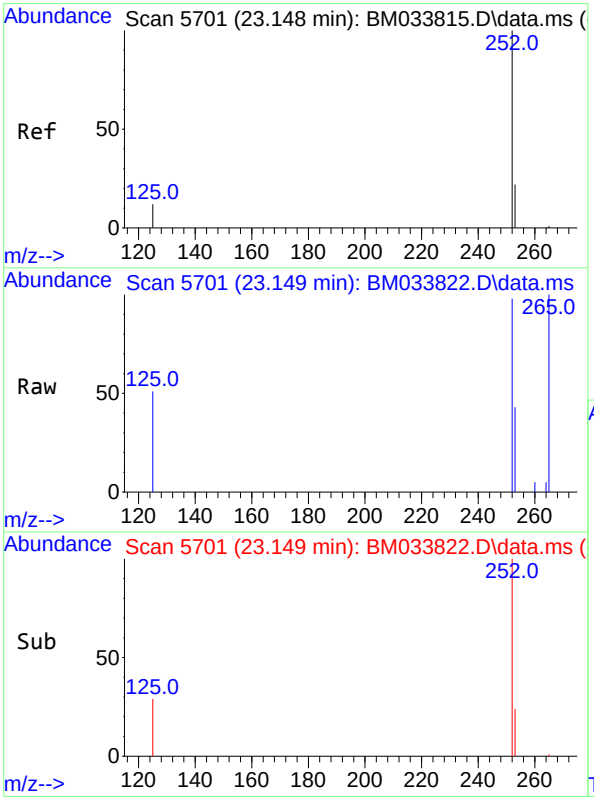
Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.8	38.8
229	26.5	16.7	25.1#



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

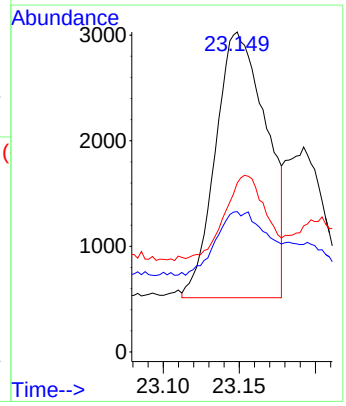
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

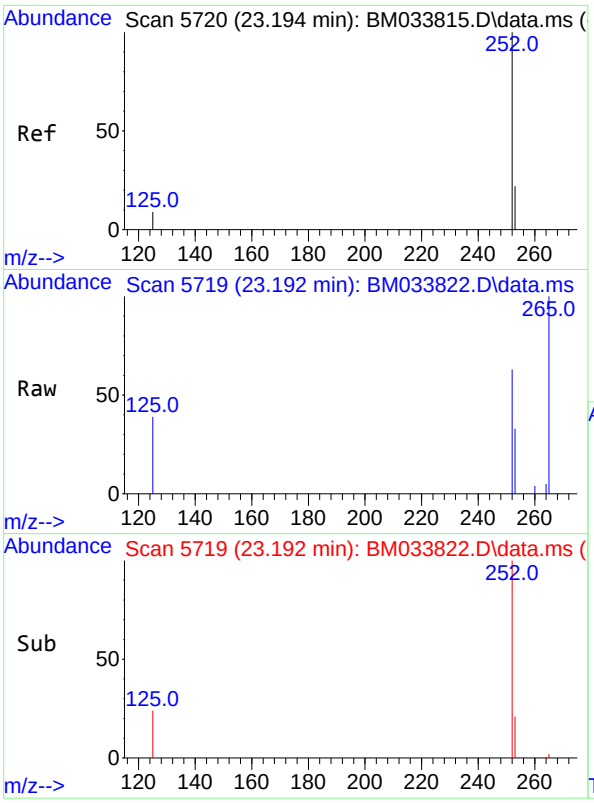


#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 23.149 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:252 Resp: 5869

Ion	Ratio	Lower	Upper
252	100		
253	43.9	0.0	64.2
125	52.8	0.0	28.8#

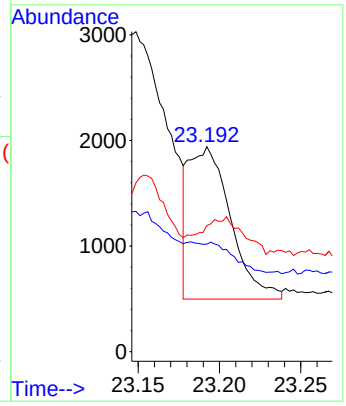




#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.192 min Scan# 5
Delta R.T. -0.009 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:252 Resp: 257

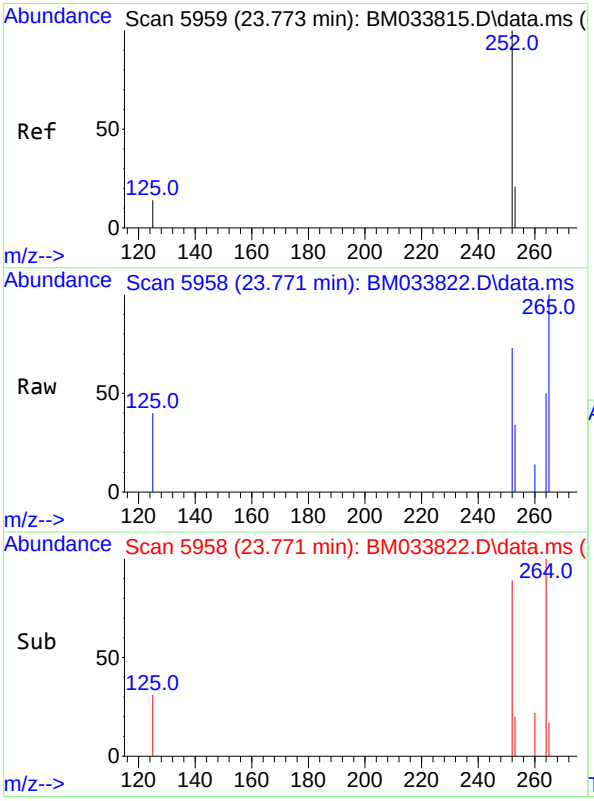
Ion	Ratio	Lower	Upper
252	100		
253	52.5	26.8	40.2#
125	61.5	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

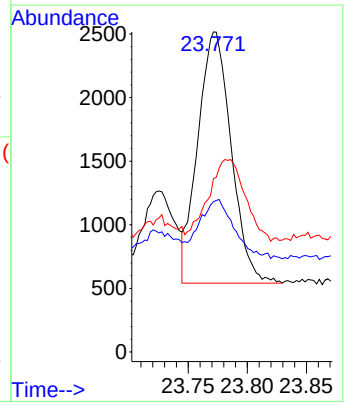
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

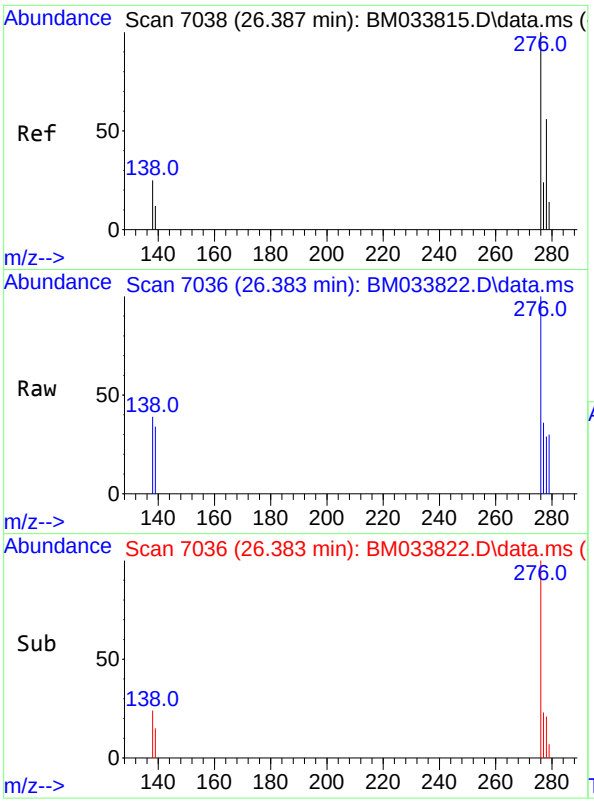


#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.771 min Scan# 5958
Delta R.T. -0.009 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:252 Resp: 3881

Ion	Ratio	Lower	Upper
252	100		
253	46.9	32.0	48.0
125	54.1	14.5	21.7#

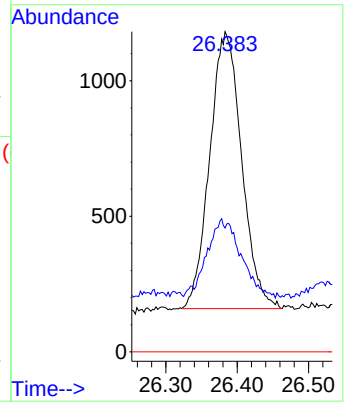




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng/ul
RT: 26.383 min Scan# 7
Delta R.T. -0.014 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:276 Resp: 317

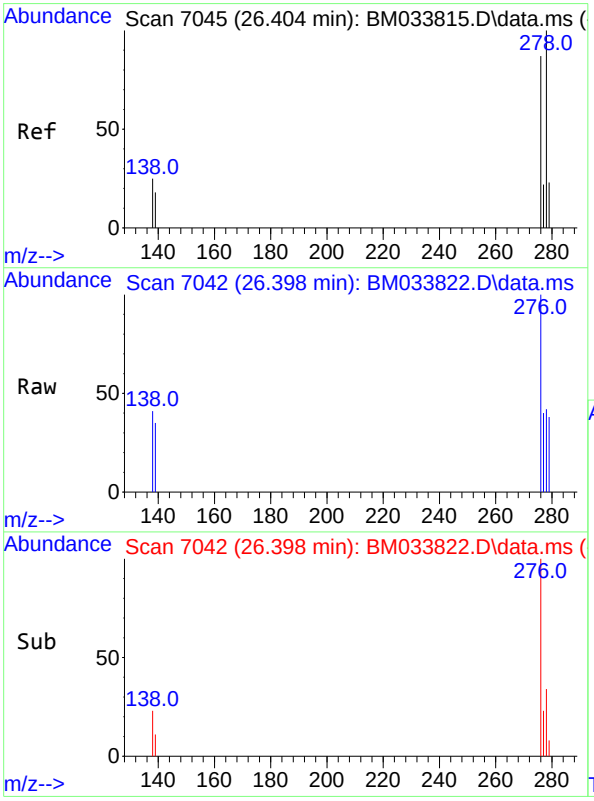
Ion	Ratio	Lower	Upper
276	100		
138	29.8	15.8	23.6#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

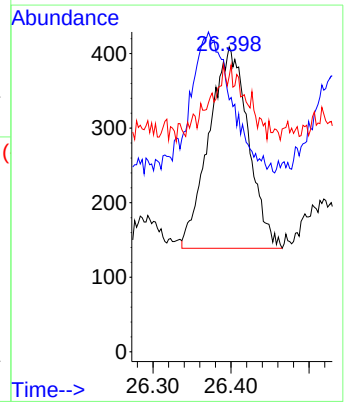
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

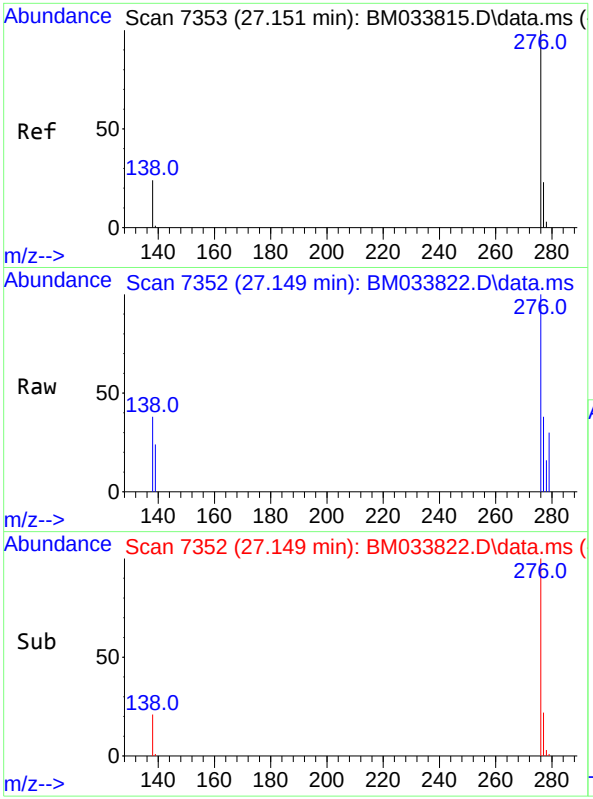


#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.398 min Scan# 7042
Delta R.T. -0.021 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:278 Resp: 945

Ion	Ratio	Lower	Upper
278	100		
139	82.6	18.0	27.0#
279	90.5	28.6	42.8#

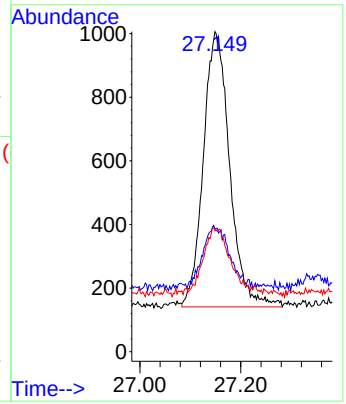




#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.149 min Scan# 7
Delta R.T. -0.019 min
Lab File: BM033822.D
Acq: 21 Jan 2022 13:33

Tgt Ion:276 Resp: 313

Ion	Ratio	Lower	Upper
276	100		
138	38.3	17.4	26.0#
277	37.8	22.6	33.8#



Instrument :
BNA_M
ClientSampleId :
DBLZ9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022