Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027437.D
Acq On : 07 Sep 2023 11:38
Operator : MA/JU
Sample : 04113-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 08 02:15:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	8213	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.872	136	27027	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.684	164	15783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	34782	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	26028	0.400	ng/ul	# 0.01
23) Perylene-d12	24.141	264	25120	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2247	0.206	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	719	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	1700	0.019	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.922	128	4194	0.053	ng/ul#	91
7) 2-Methylnaphthalene	12.522	142	5325	0.109	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	1950	0.037	ng/ul	99
15) Phenanthrene	17.477	178	14901	0.132	ng/ul#	92
16) Anthracene	17.565	178	4201	0.047	ng/ul#	69
19) Fluoranthene	19.487	202	37061	0.310	ng/ul	98
20) Pyrene	19.855	202	54460	0.447	ng/ul	98
21) Benzo(a)anthracene	21.600	228	25067	0.267	ng/ul#	49
22) Chrysene	21.659	228	45043m	0.412	ng/ul	
24) Benzo(b)fluoranthene	23.357	252	64165m	0.541	ng/ul	
25) Benzo(k)fluoranthene	23.407	252	21237m	0.183	ng/ul	
26) Benzo(a)pyrene	24.027	252	50324	0.543	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	26.800	276	40161	0.390	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.807	278	12121	0.154	ng/ul#	1
29) Benzo(g,h,i)perylene	27.636	276	53223	0.573	ng/ul#	71

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

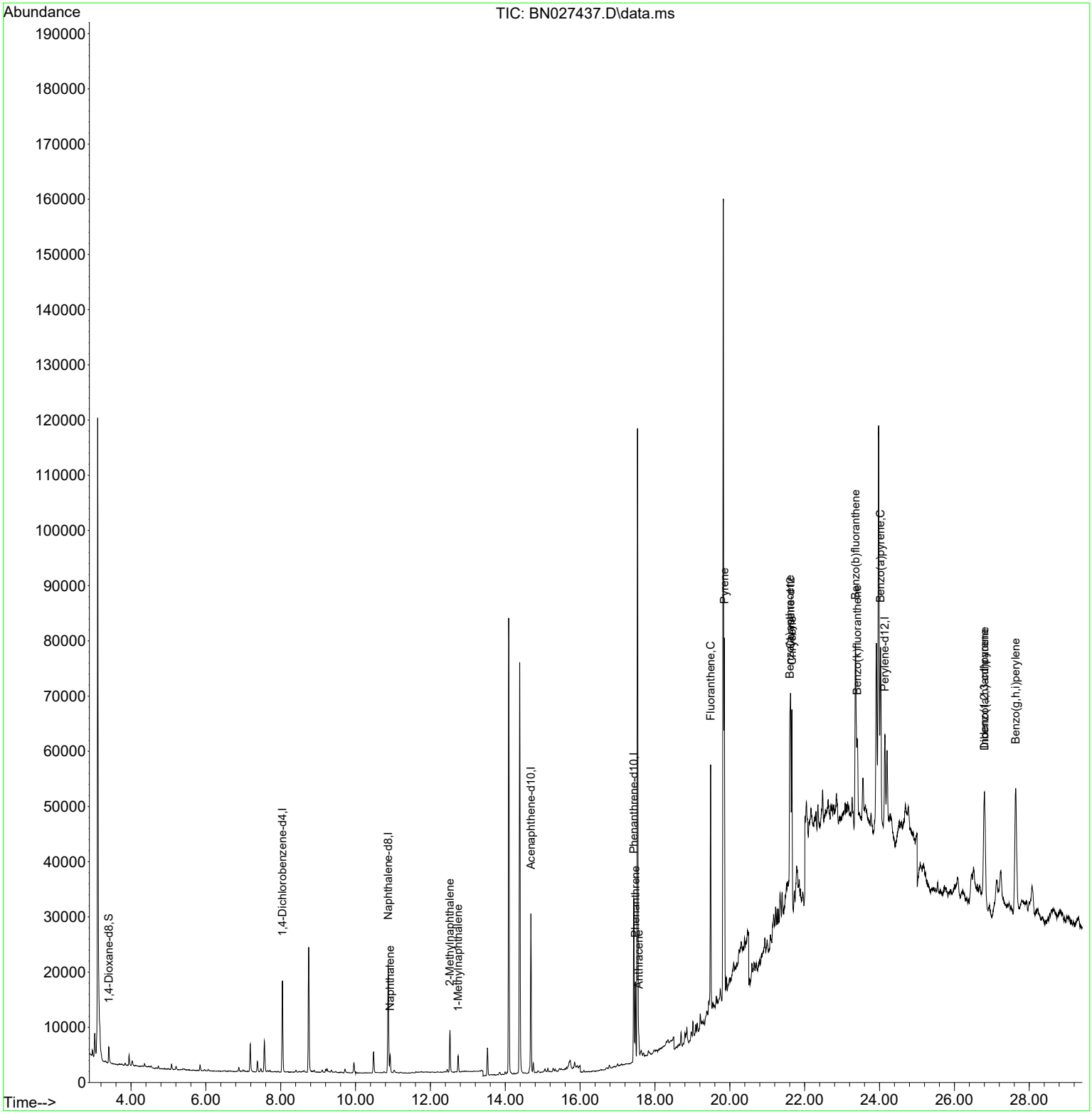
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027437.D
Acq On : 07 Sep 2023 11:38
Operator : MA/JU
Sample : 04113-04DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

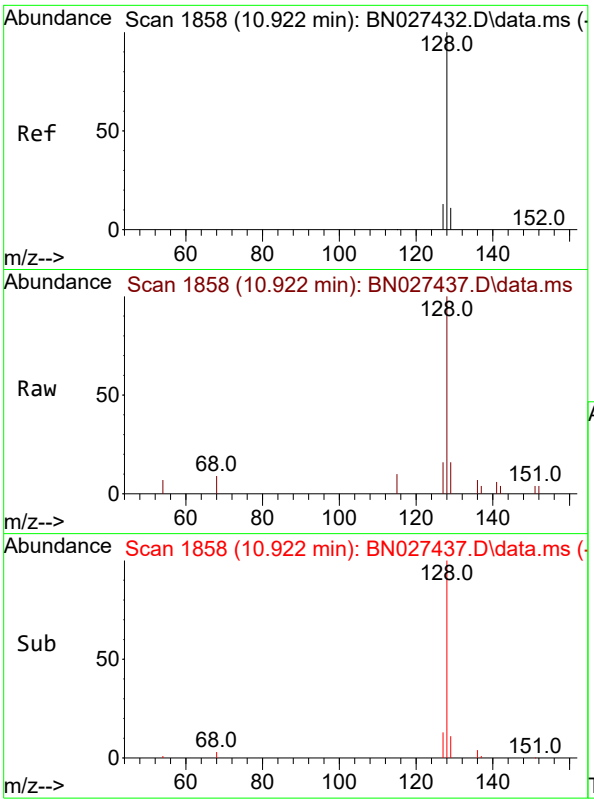
Quant Time: Sep 08 02:15:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.922 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

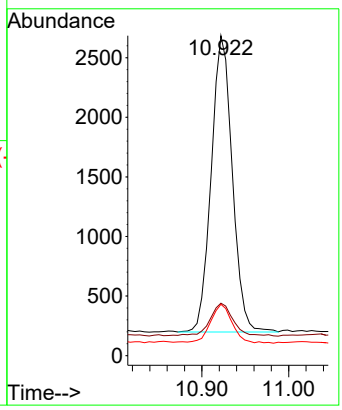
Tgt Ion:128 Resp: 419

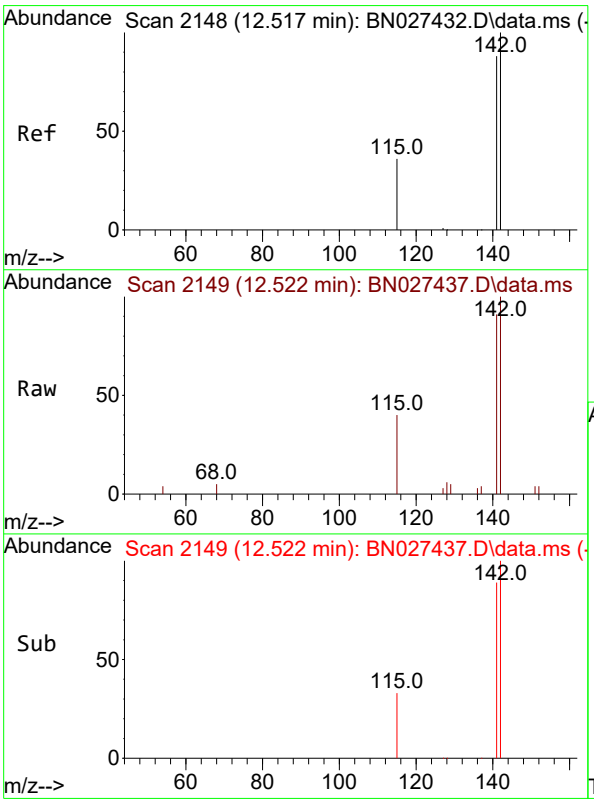
Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.4	14.0#
127	16.1	10.6	16.0#

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

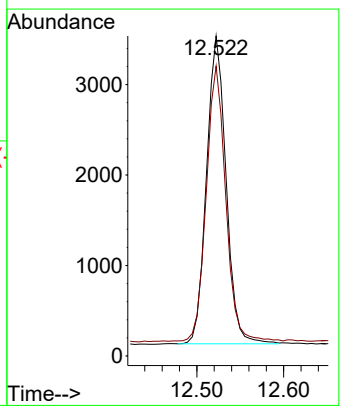


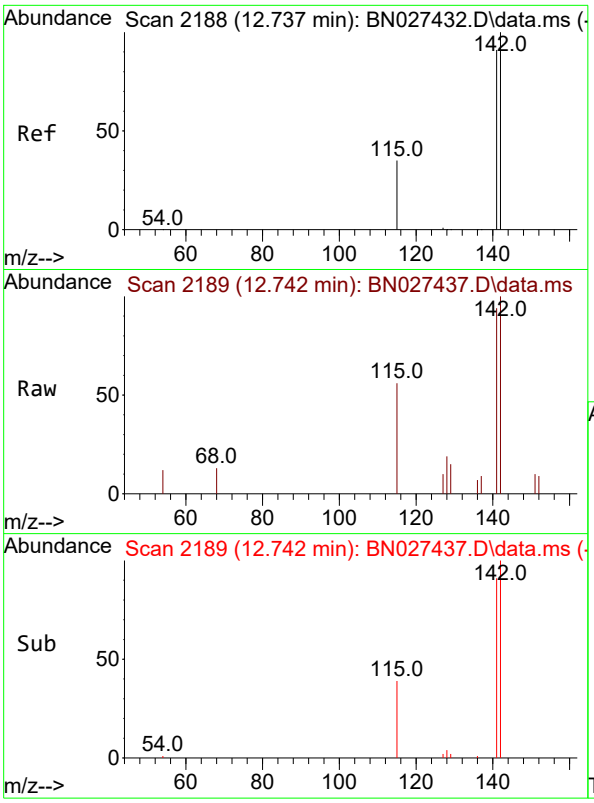


#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:142 Resp: 5325

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.742 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

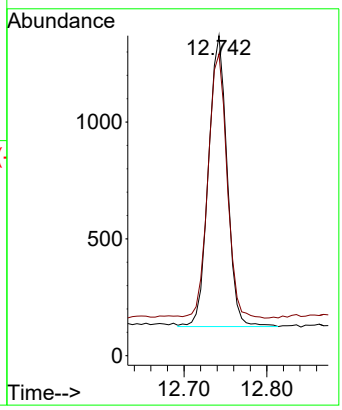
Tgt Ion:142 Resp: 195

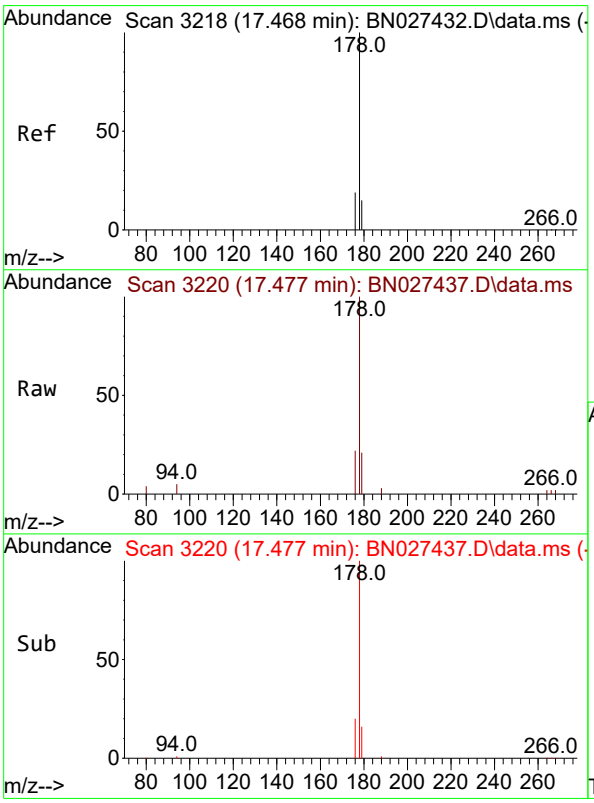
Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.4

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

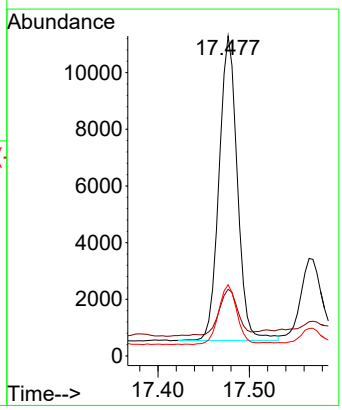


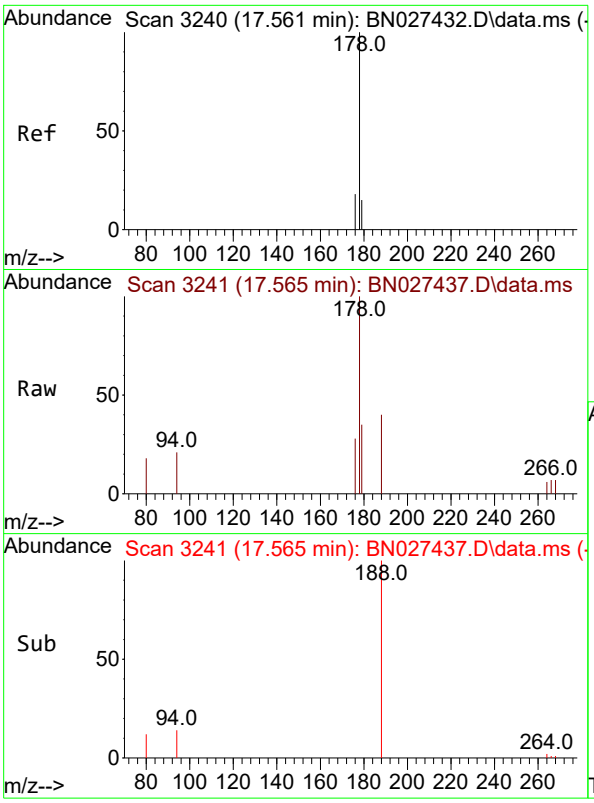


#15
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:178 Resp: 14901

Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.6	19.0#
176	22.3	15.8	23.8





#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.565 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

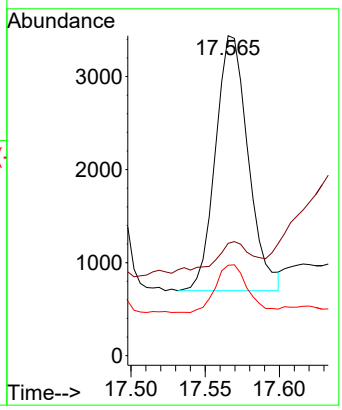
Tgt Ion:178 Resp: 420

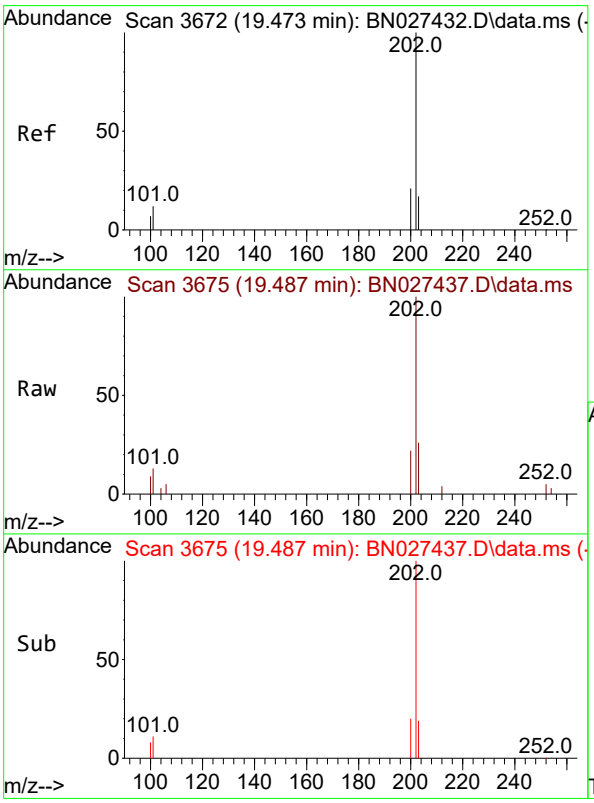
Ion	Ratio	Lower	Upper
178	100		
179	35.1	13.0	19.6#
176	28.2	15.6	23.4#

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

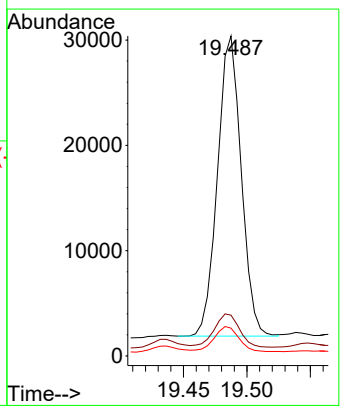


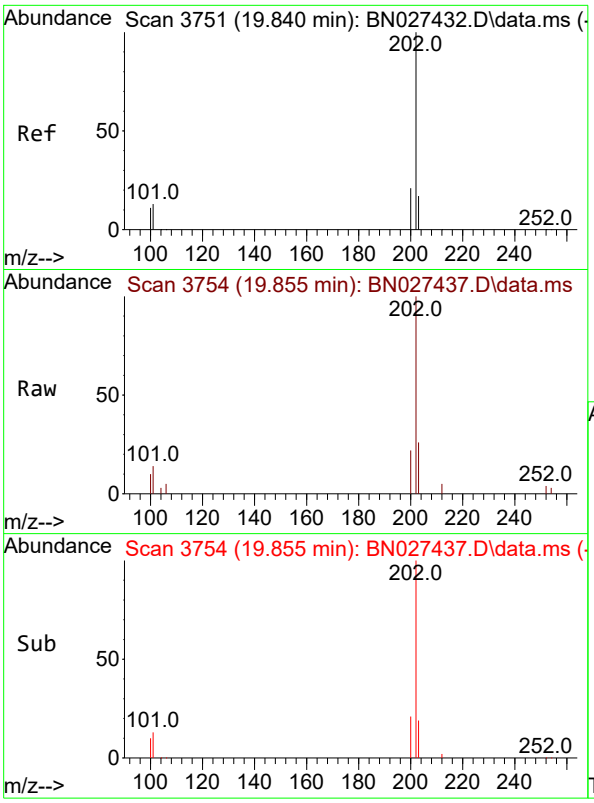


#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.487 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:202 Resp: 37061

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.4	14.0
100	8.7	6.9	10.3





#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.855 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

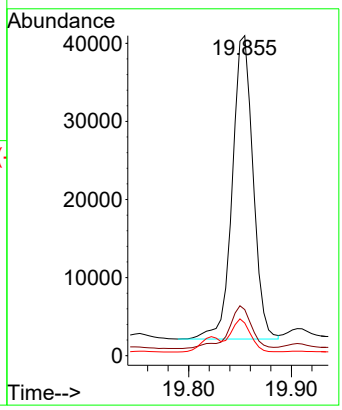
Tgt Ion:202 Resp: 5446

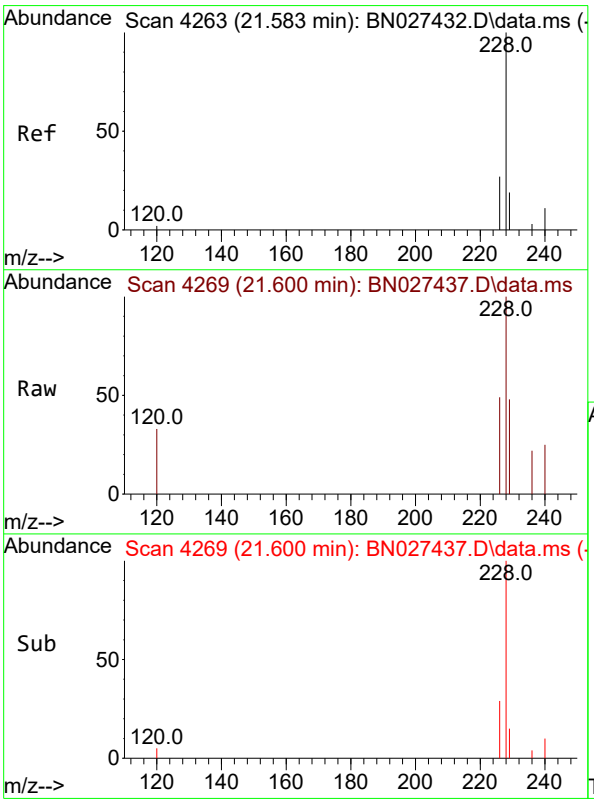
Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.4	17.2
100	10.2	9.4	14.2

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

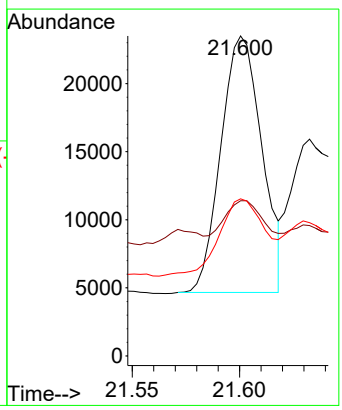


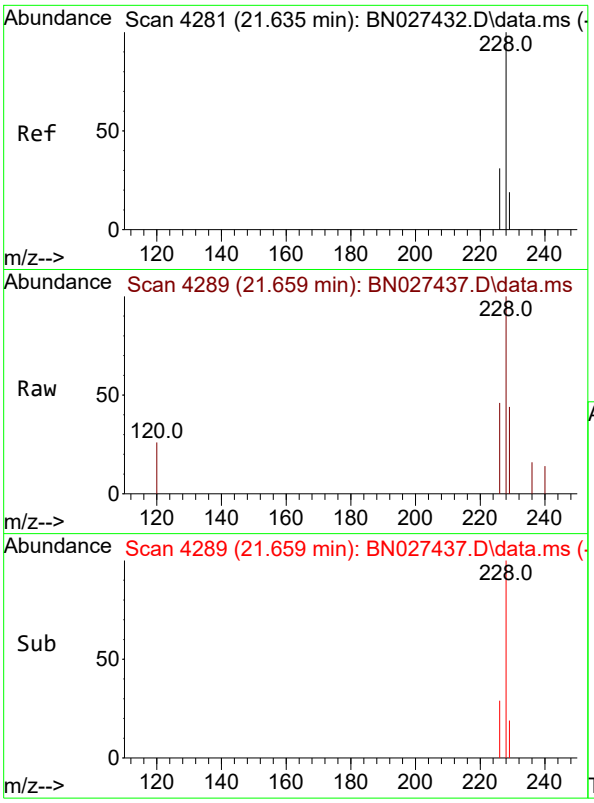


#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.600 min Scan# 4269
Delta R.T. 0.009 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:228 Resp: 25067

Ion	Ratio	Lower	Upper
228	100		
229	48.5	15.7	23.5#
226	49.1	22.0	33.0#





#22
Chrysene
Concen: 0.412 ng/ul m
RT: 21.659 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

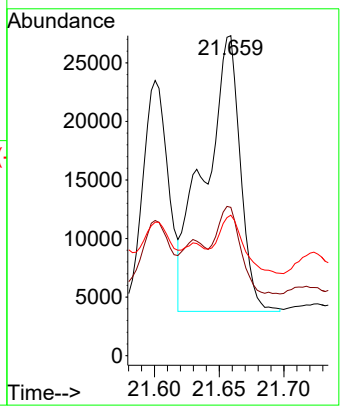
Tgt Ion:228 Resp: 4504

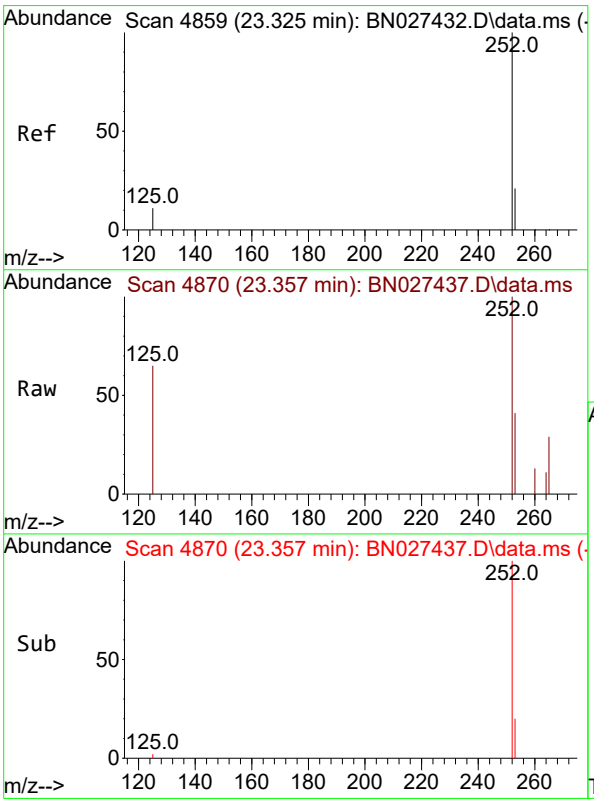
Ion	Ratio	Lower	Upper
228	100		
226	46.4	24.4	36.6#
229	43.9	15.6	23.4#

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

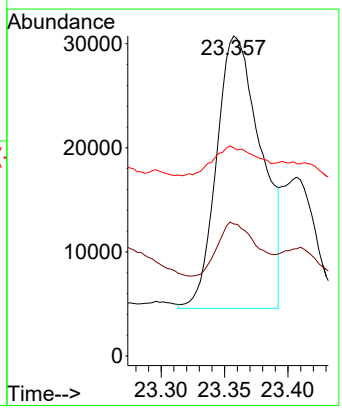


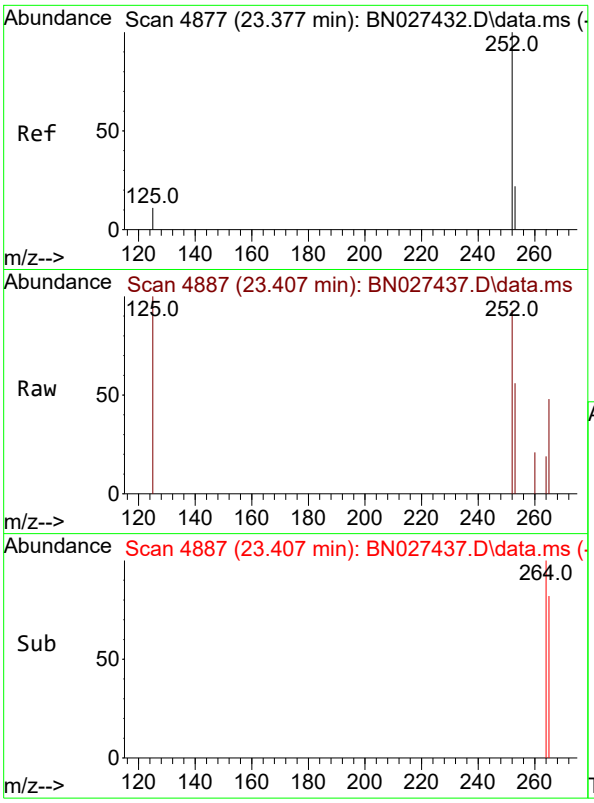


#24
Benzo(b)fluoranthene
Concen: 0.541 ng/ul m
RT: 23.357 min Scan# 4870
Delta R.T. 0.012 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:252 Resp: 64165

Ion	Ratio	Lower	Upper
252	100		
253	41.2	0.0	49.6
125	65.1	0.0	33.8#

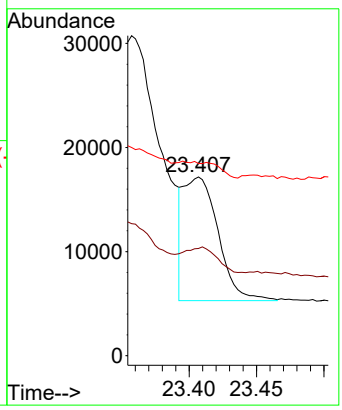




#25
Benzo(k)fluoranthene
Concen: 0.183 ng/ul m
RT: 23.407 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:252 Resp: 2123

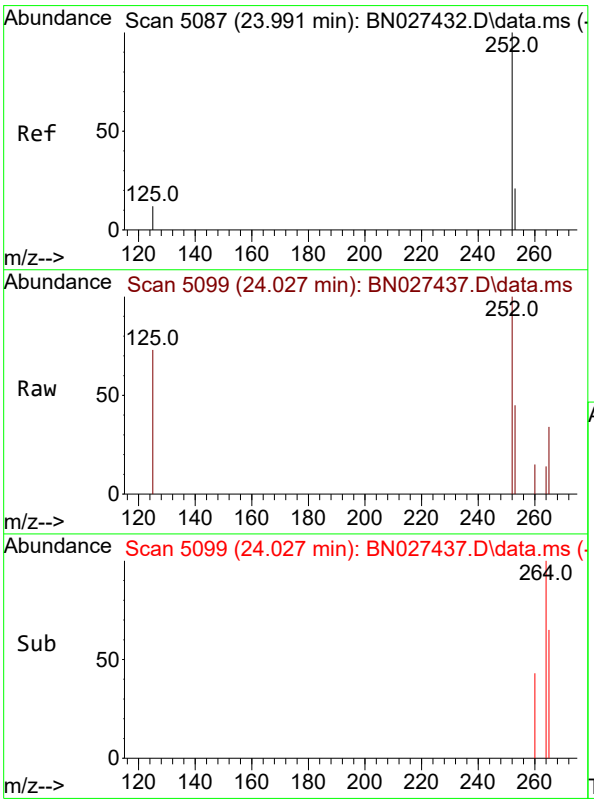
Ion	Ratio	Lower	Upper
252	100		
253	59.9	19.9	29.9#
125	107.5	13.6	20.4#



Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

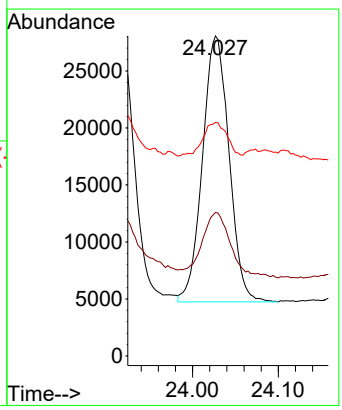
Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

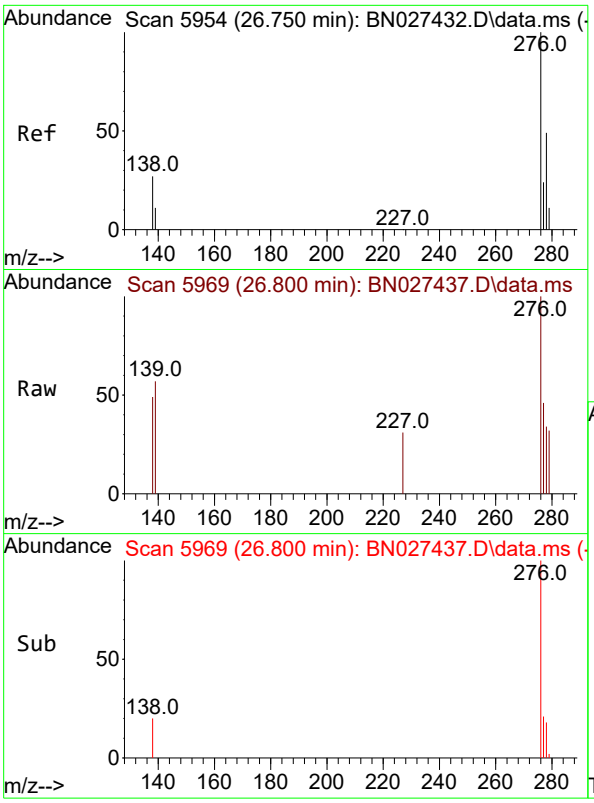


#26
Benzo(a)pyrene
Concen: 0.543 ng/ul
RT: 24.027 min Scan# 5099
Delta R.T. 0.009 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:252 Resp: 50324

Ion	Ratio	Lower	Upper
252	100		
253	44.9	22.4	33.6#
125	73.0	17.4	26.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.800 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

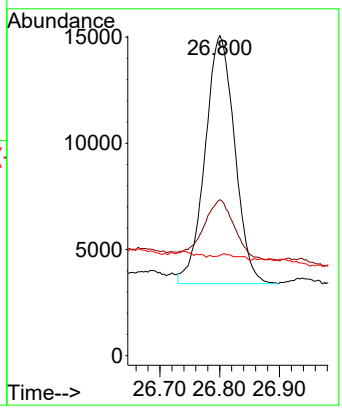
Tgt Ion:276 Resp: 4016

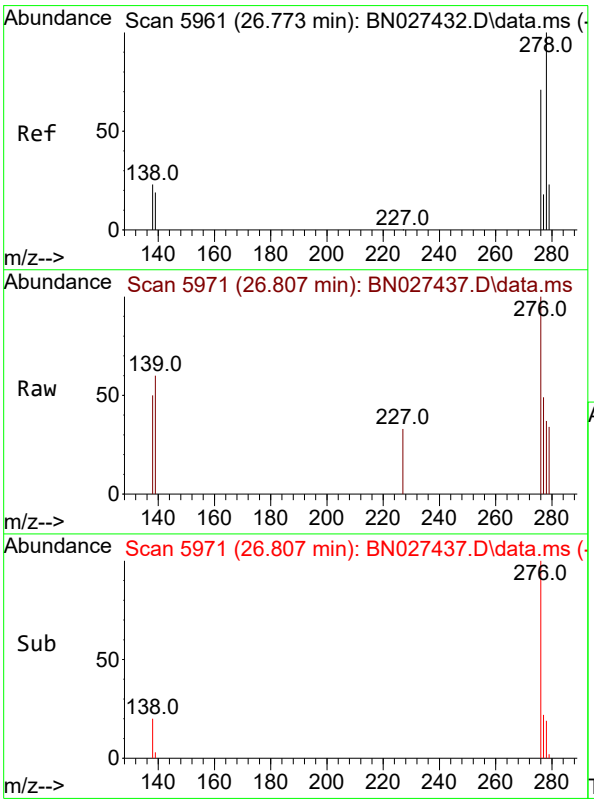
Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.9	35.9
227	0.0	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023

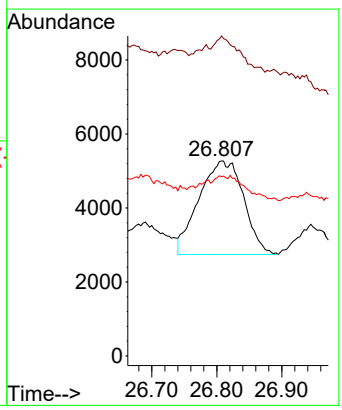


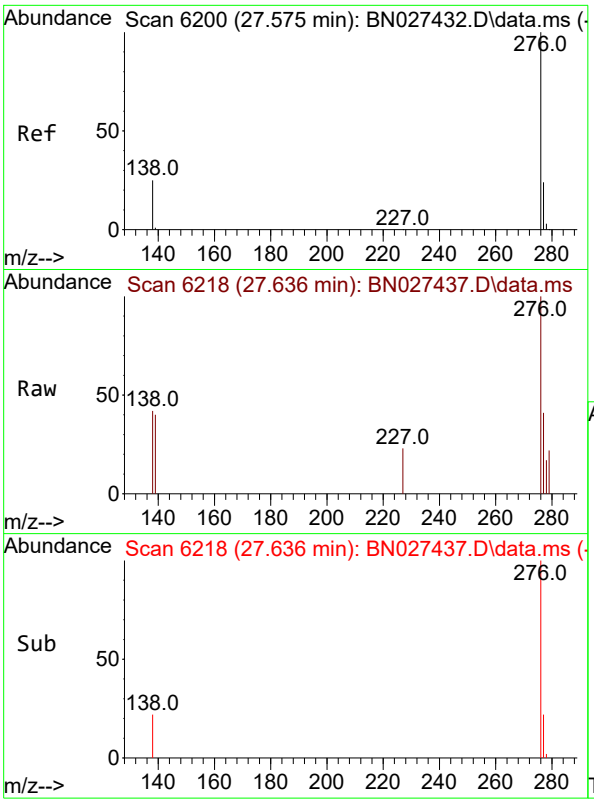


#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 26.807 min Scan# 5971
Delta R.T. -0.027 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:278 Resp: 12121

Ion	Ratio	Lower	Upper
278	100		
139	164.1	18.0	27.0#
279	92.0	22.7	34.1#

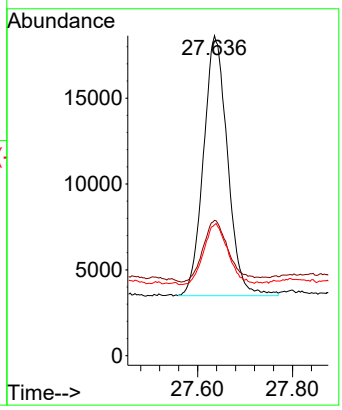




#29
Benzo(g,h,i)perylene
Concen: 0.573 ng/ul
RT: 27.636 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:276 Resp: 5322

Ion	Ratio	Lower	Upper
276	100		
138	42.3	22.1	33.1#
277	40.9	20.2	30.4#



Instrument :
BNA_N
ClientSampleId :
EZYL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :mohammad ahmed 09/09/2023