Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028890.D
Acq On : 27 Nov 2023 21:58
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 28 04:31:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	4424m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.424	136	15551	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.288	164	8275	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.043	188	13469	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.263	240	10264	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	12919	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	24524	5.016	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	5033	0.215	ng/ul	-0.04
18) Fluoranthene-d10	19.084	212	9521	0.288	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.473	128	61734	1.417	ng/ul	100
7) 2-Methylnaphthalene	12.096	142	55384	1.929	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	46791	1.605	ng/ul	99
15) Phenanthrene	17.081	178	119439	2.886	ng/ul	100
16) Anthracene	17.174	178	2823	0.074	ng/ul#	77
19) Fluoranthene	19.117	202	9338	0.214	ng/ul#	90
20) Pyrene	19.475	202	9906m	0.219	ng/ul	
21) Benzo(a)anthracene	21.248	228	3313	0.082	ng/ul#	67
22) Chrysene	21.301	228	17060m	0.430	ng/ul	
24) Benzo(b)fluoranthene	22.853	252	4977m	0.103	ng/ul	
29) Benzo(g,h,i)perylene	26.577	276	2619	0.063	ng/ul#	53

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

Quantitation Report (QT Reviewed)

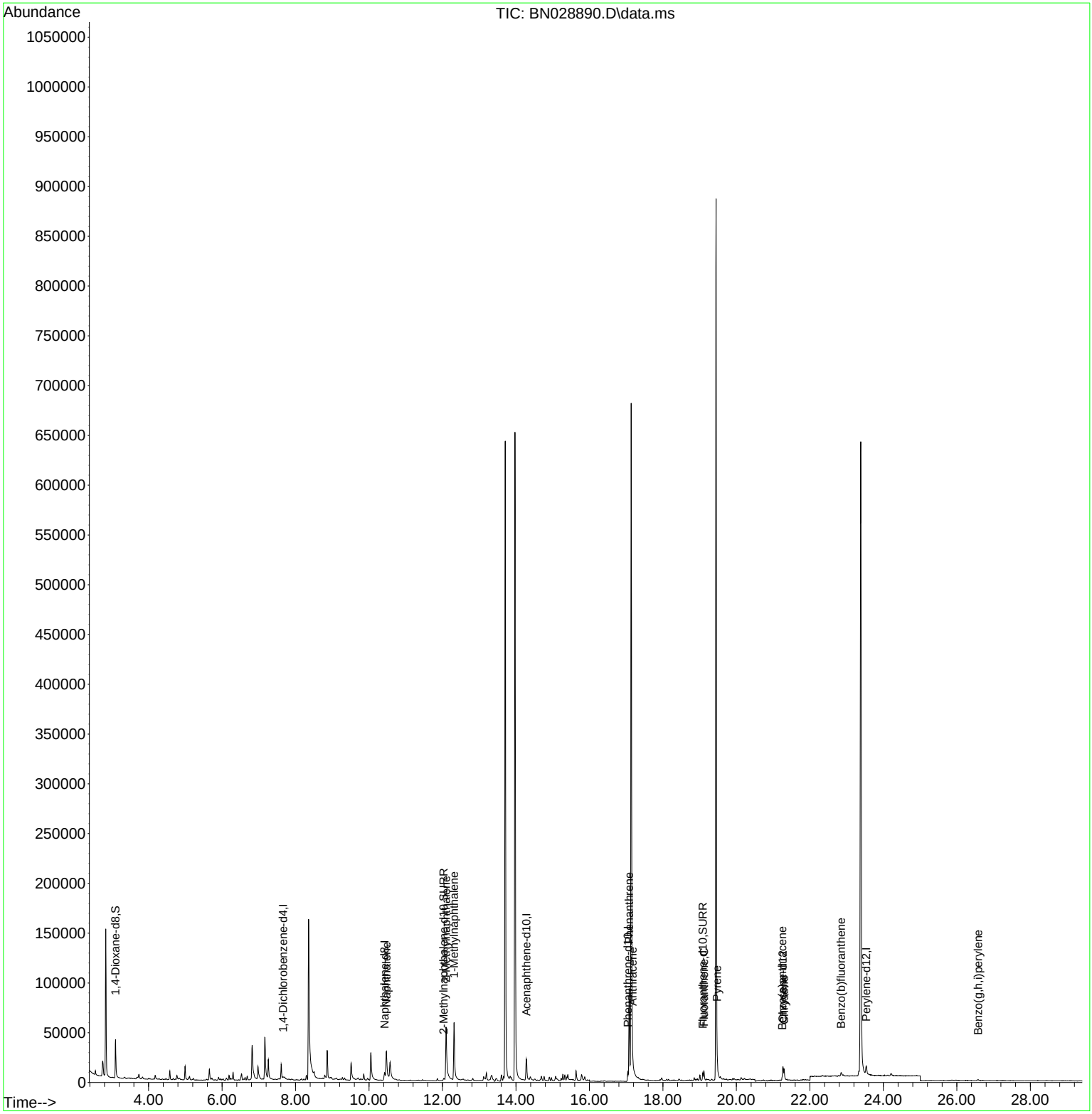
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028890.D
Acq On : 27 Nov 2023 21:58
Operator : MA/JU
Sample : 05416-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

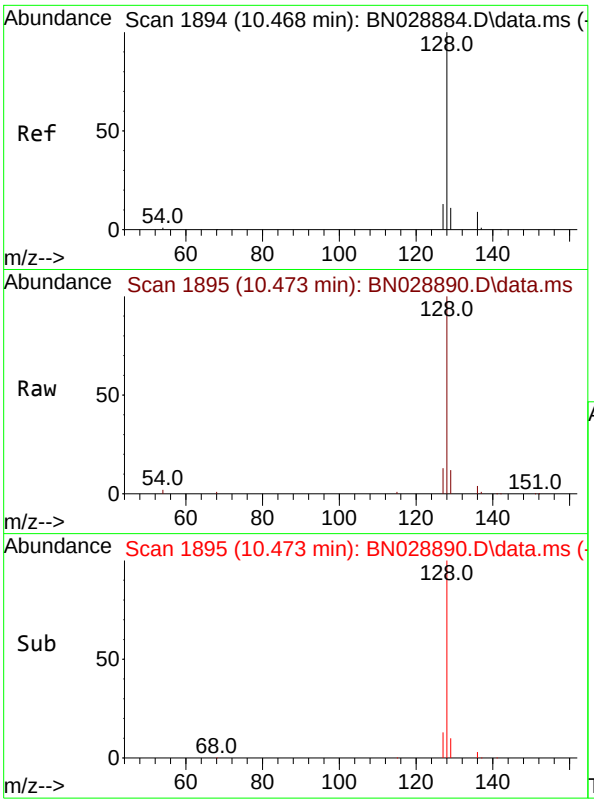
Quant Time: Nov 28 04:31:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

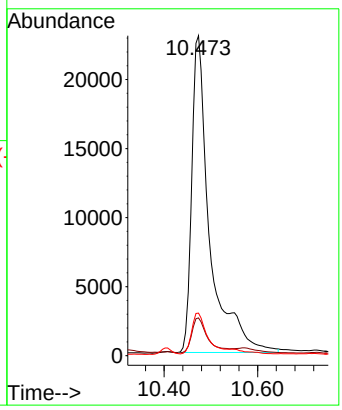




#5
Naphthalene
Concen: 1.417 ng/ul
RT: 10.473 min Scan# 1
Delta R.T. -0.033 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:128 Resp: 6173

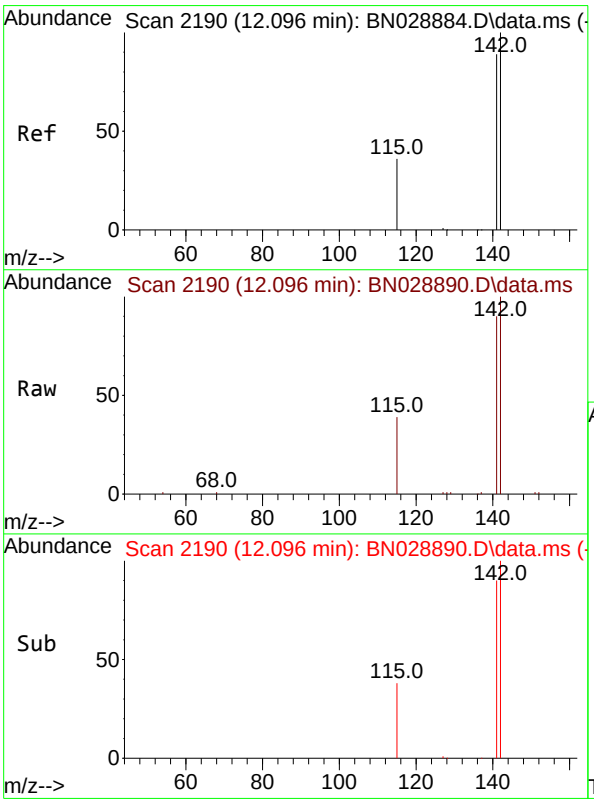
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations
APPROVED

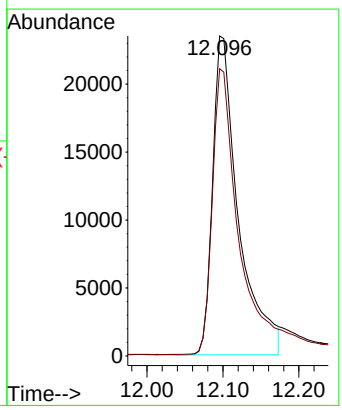
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

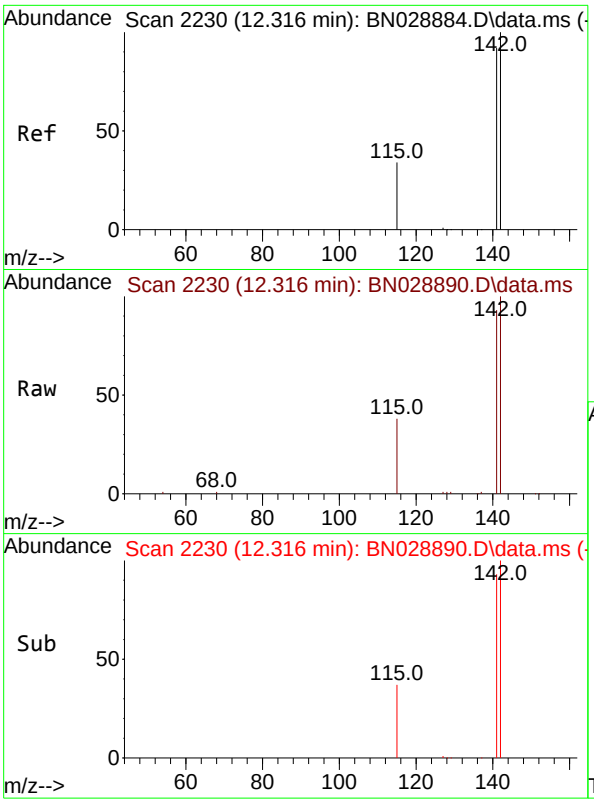


#7
2-Methylnaphthalene
Concen: 1.929 ng/ul
RT: 12.096 min Scan# 2190
Delta R.T. -0.044 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:142 Resp: 55384

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2





#8
1-Methylnaphthalene
Concen: 1.605 ng/ul
RT: 12.316 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

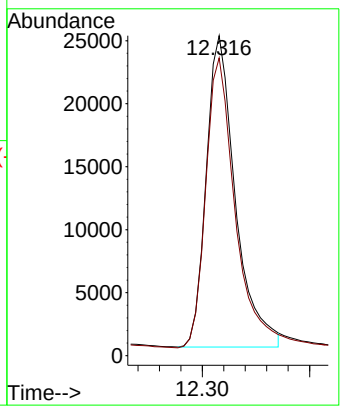
Tgt Ion:142 Resp: 4679

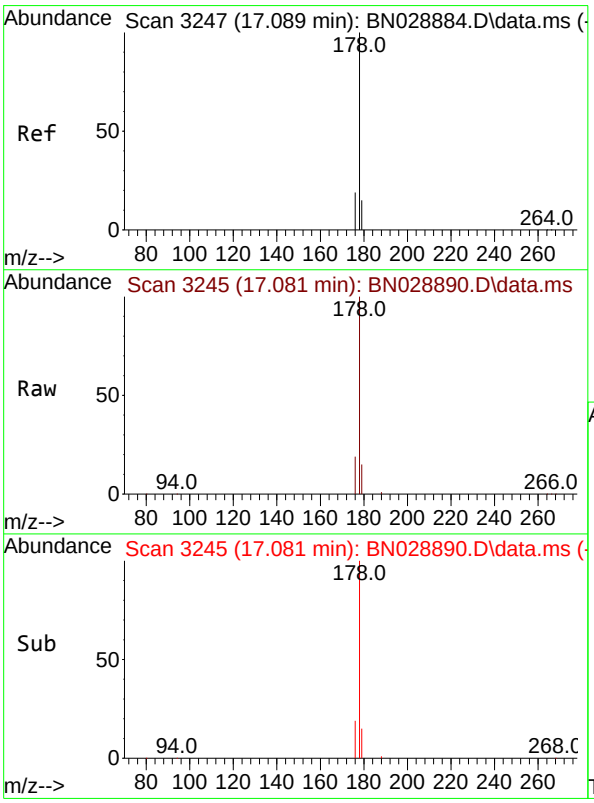
Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.1	111.1

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

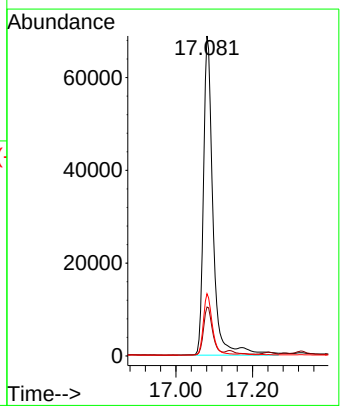


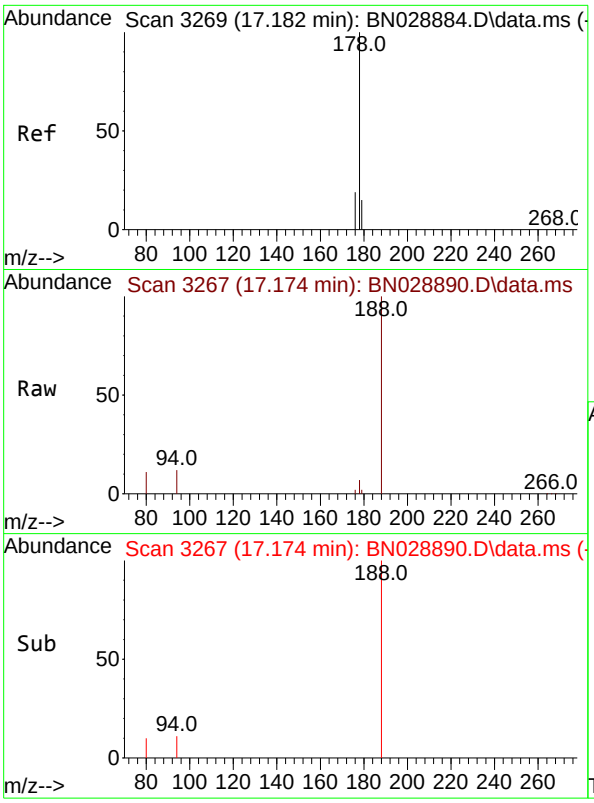


#15
Phenanthrene
Concen: 2.886 ng/ul
RT: 17.081 min Scan# 3245
Delta R.T. -0.022 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:178 Resp: 119439

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.5	15.4	23.2

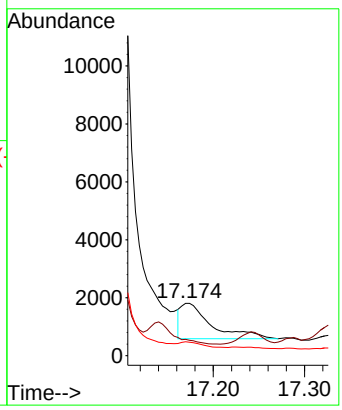




#16
Anthracene
Concen: 0.074 ng/ul
RT: 17.174 min Scan# 3
Delta R.T. -0.030 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:178 Resp: 282

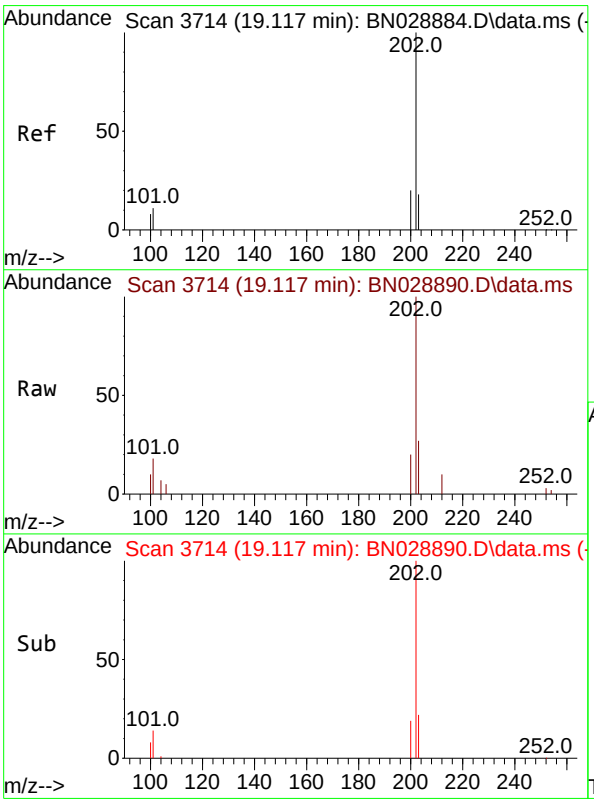
Ion	Ratio	Lower	Upper
178	100		
179	29.3	12.6	18.8#
176	25.7	14.9	22.3#



Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations
APPROVED

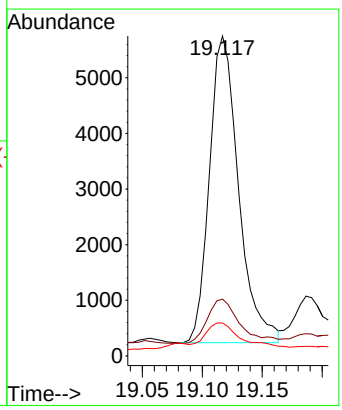
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

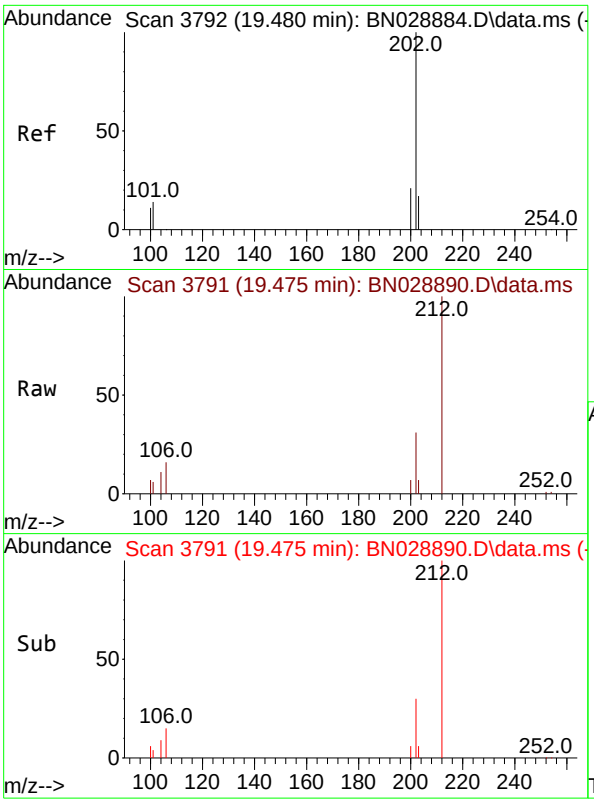


#19
Fluoranthene
Concen: 0.214 ng/ul
RT: 19.117 min Scan# 3714
Delta R.T. -0.006 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:202 Resp: 9338

Ion	Ratio	Lower	Upper
202	100		
101	17.8	9.5	14.3#
100	10.3	7.2	10.8





#20
Pyrene
Concen: 0.219 ng/ul m
RT: 19.475 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

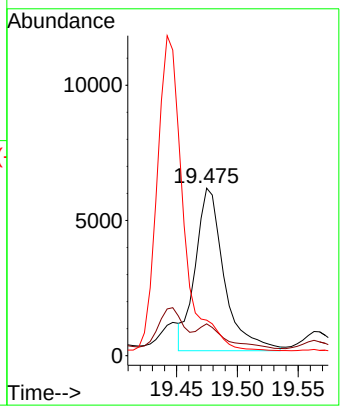
Tgt Ion:202 Resp: 990

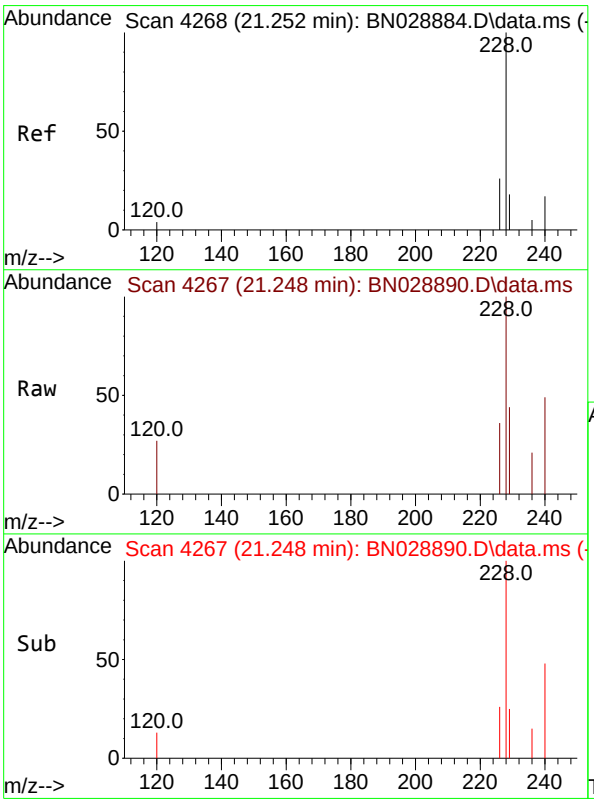
Ion	Ratio	Lower	Upper
202	100		
101	19.0	10.3	15.5#
100	21.2	8.2	12.2#

Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

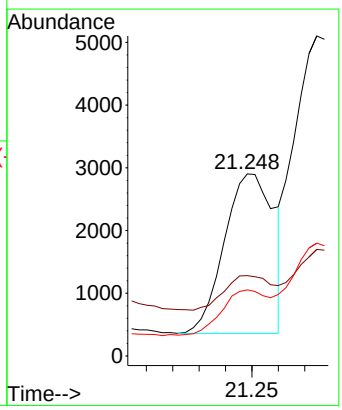


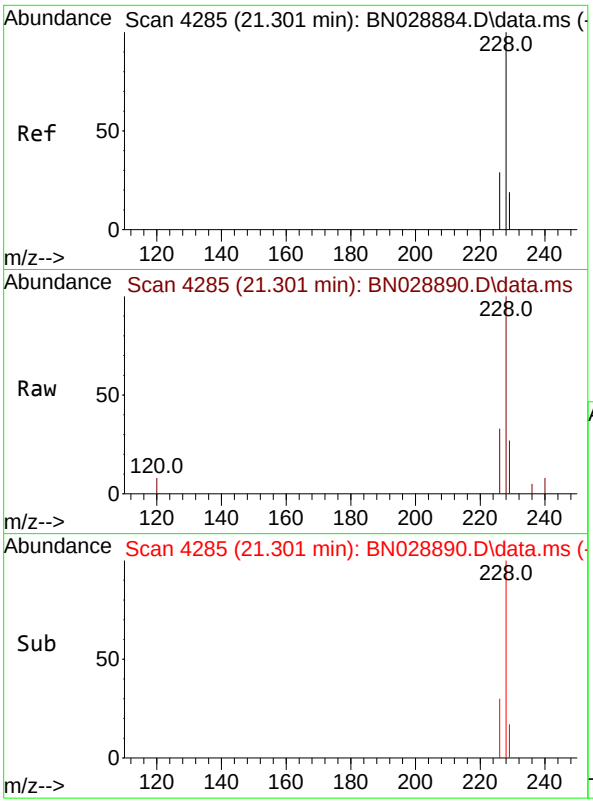


#21
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.248 min Scan# 4267
Delta R.T. -0.007 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:228 Resp: 3313

Ion	Ratio	Lower	Upper
228	100		
229	44.1	15.7	23.5#
226	36.3	21.4	32.0#

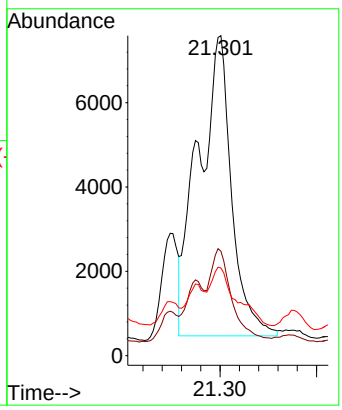




#22
Chrysene
Concen: 0.430 ng/ul m
RT: 21.301 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:228 Resp: 1706

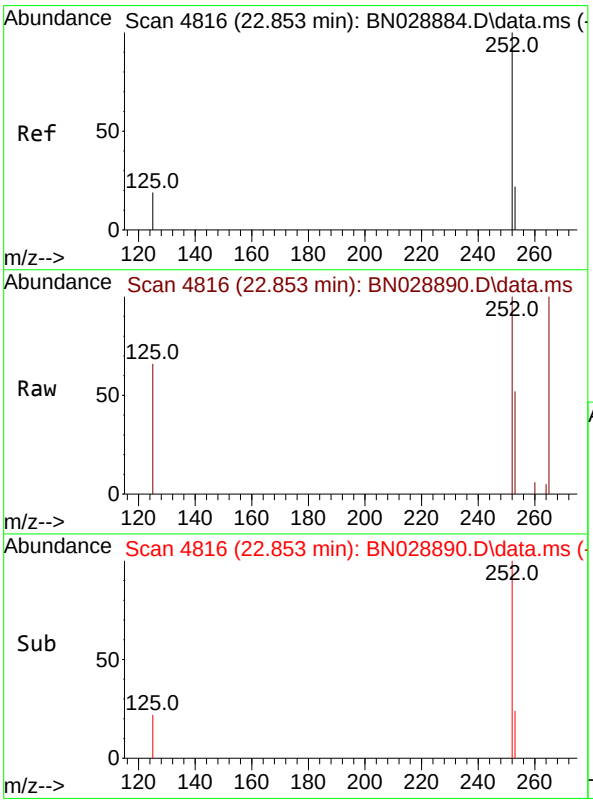
Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.8	35.8
229	27.4	15.4	23.2#



Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations
APPROVED

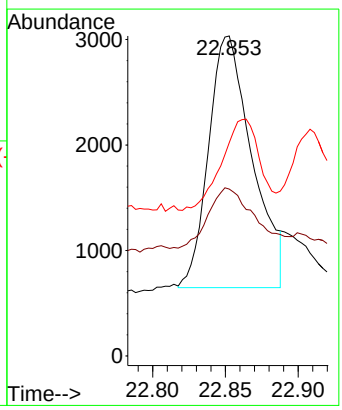
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

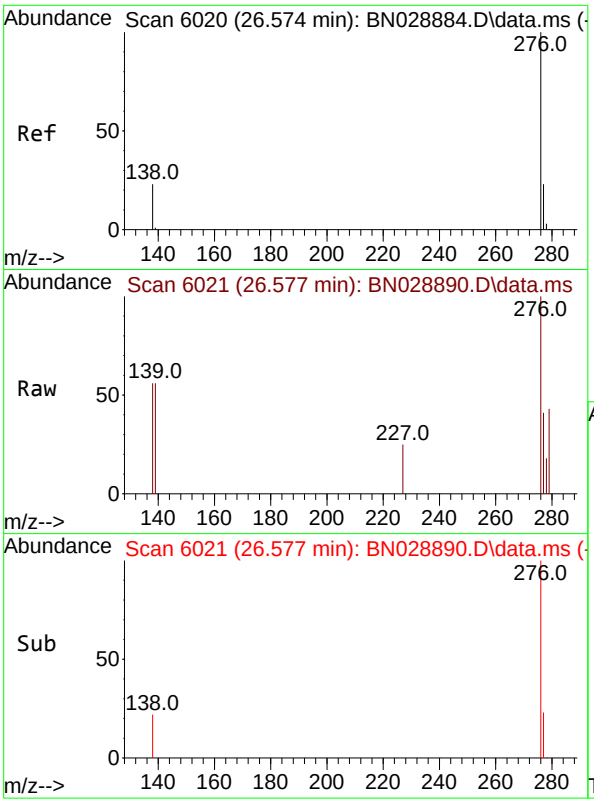


#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul m
RT: 22.853 min Scan# 4816
Delta R.T. -0.001 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:252 Resp: 4977

Ion	Ratio	Lower	Upper
252	100		
253	52.2	0.0	46.6#
125	66.6	0.0	27.6#

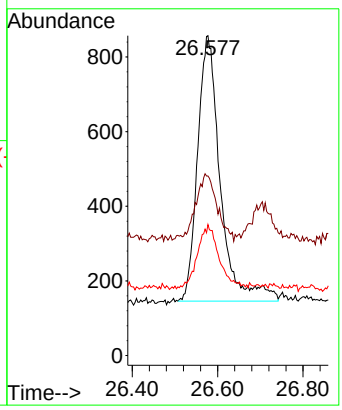




#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.577 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN028890.D
Acq: 27 Nov 2023 21:58

Tgt Ion:276 Resp: 261

Ion	Ratio	Lower	Upper
276	100		
138	56.1	20.5	30.7#
277	41.0	19.4	29.0#



Instrument :
BNA_N
ClientSampleId :
C0AB3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023