Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027909.D
Acq On : 27 Sep 2023 20:59
Operator : MA/JU
Sample : 04410-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 28 00:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	13068	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	9111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	19941	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	18713	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	19511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4377	1.010	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2477	0.125	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	7050	0.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	281	0.062	ng/ul#	46
5) Naphthalene	10.834	128	9949	0.266	ng/ul#	84
7) 2-Methylnaphthalene	12.434	142	2729	0.115	ng/ul	91
8) 1-Methylnaphthalene	12.654	142	19313	0.790	ng/ul	95
11) Acenaphthene	14.666	153	2379	0.069	ng/ul	93
12) Fluorene	15.651	166	3331	0.082	ng/ul#	96
15) Phenanthrene	17.397	178	5042	0.080	ng/ul#	82
16) Anthracene	17.489	178	1386	0.026	ng/ul#	51
20) Pyrene	19.776	202	2731m	0.035	ng/ul	

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

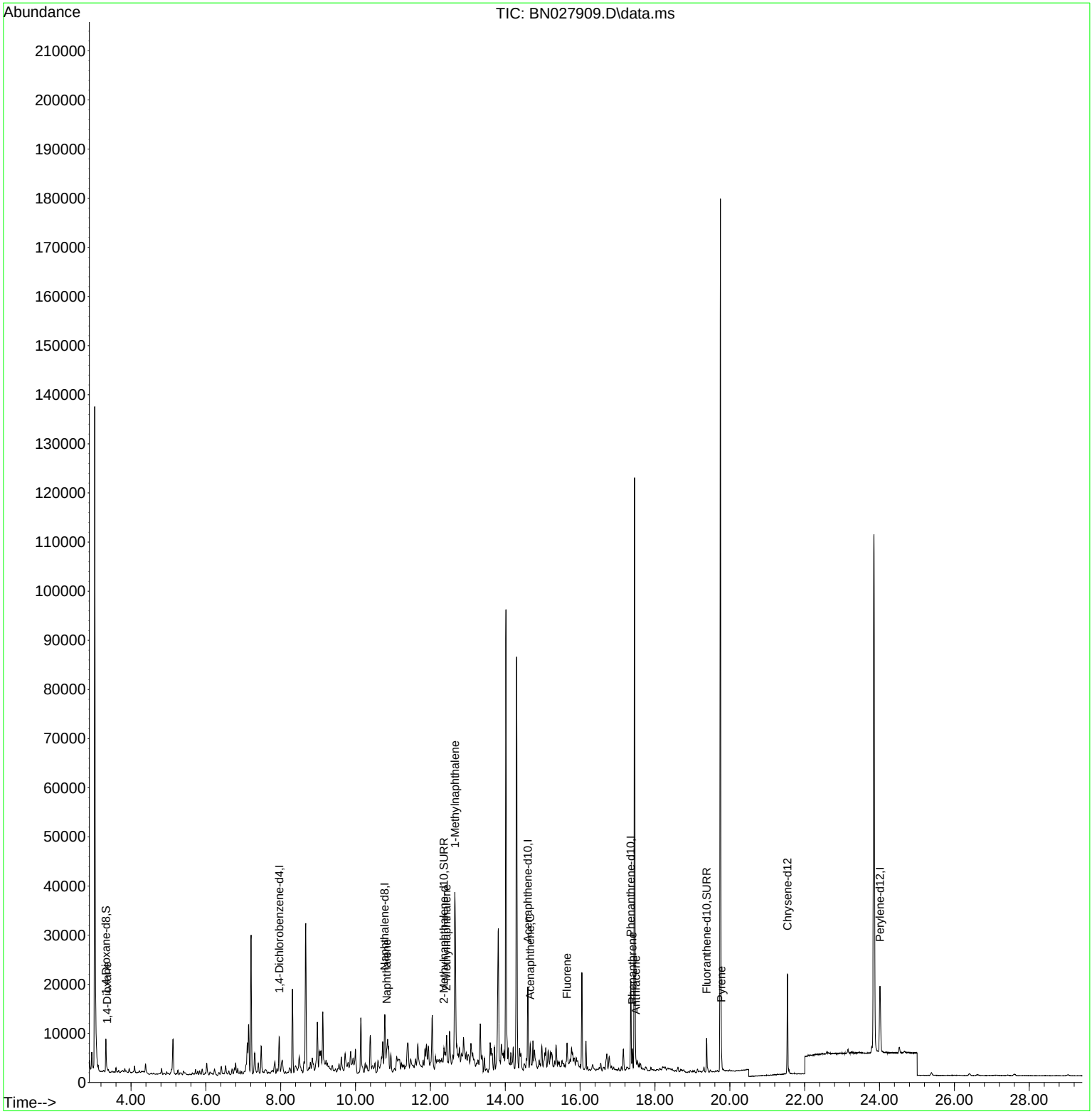
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027909.D
Acq On : 27 Sep 2023 20:59
Operator : MA/JU
Sample : 04410-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

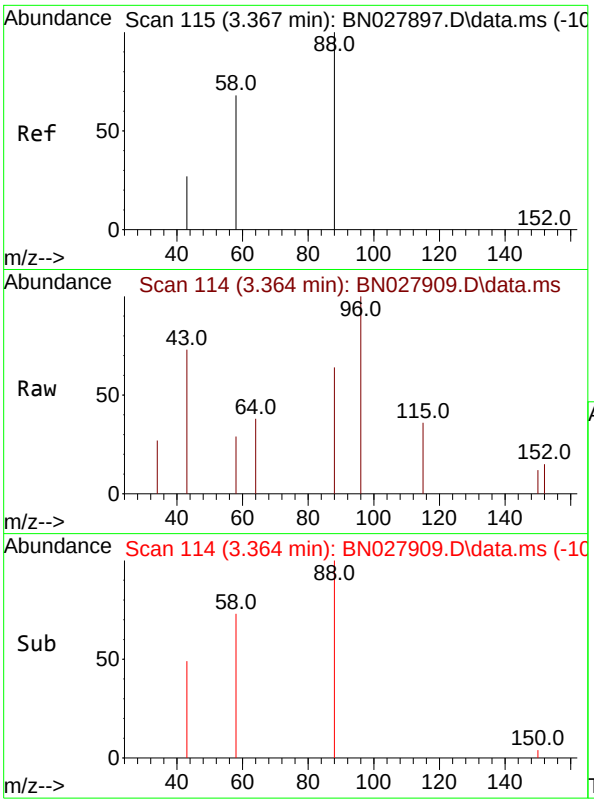
Quant Time: Sep 28 00:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023





#2
1,4-Dioxane
Concen: 0.062 ng/ul
RT: 3.364 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

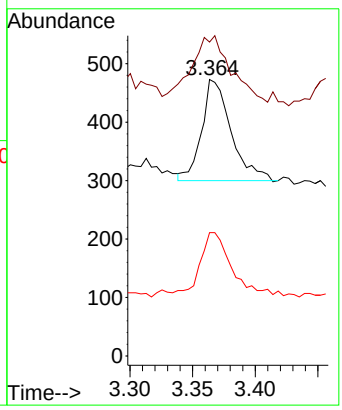
Tgt Ion: 88 Resp: 28

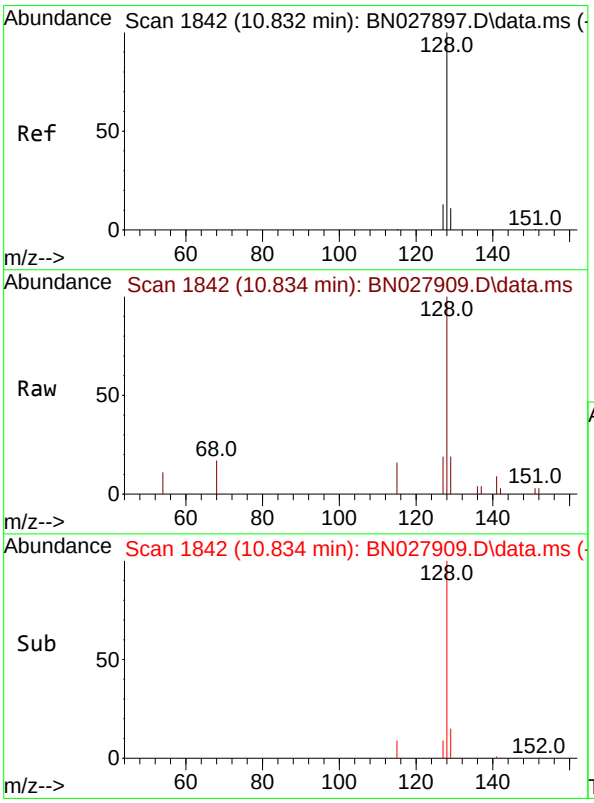
Ion	Ratio	Lower	Upper
88	100		
43	113.5	39.6	59.4#
58	44.6	48.3	72.5#

Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

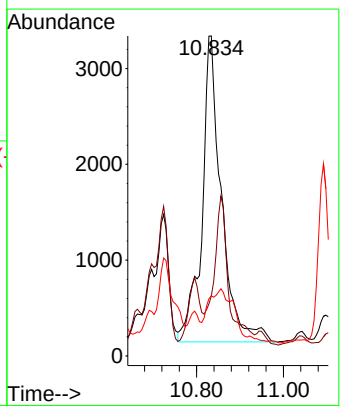


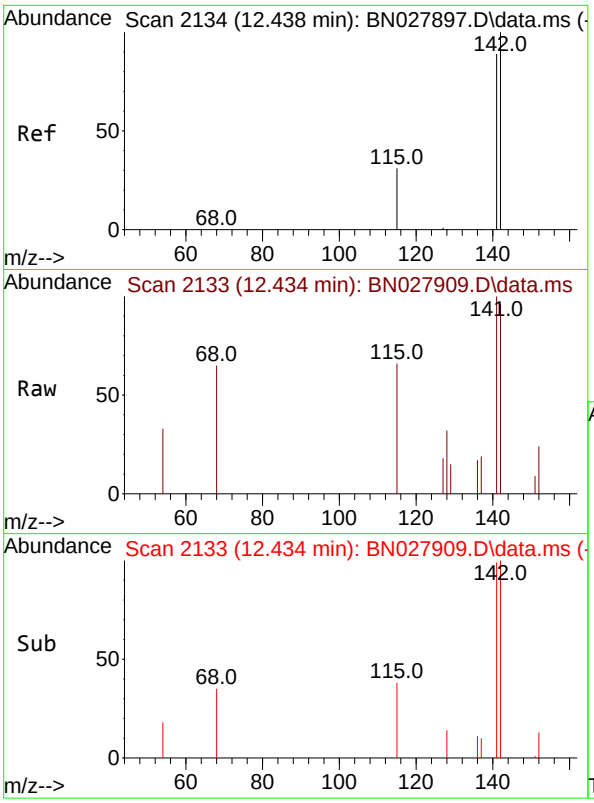


#5
Naphthalene
Concen: 0.266 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion:128 Resp: 9949

Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.3	13.9#
127	18.8	10.7	16.1#





#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.434 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

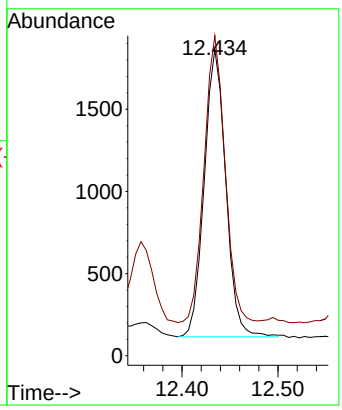
Tgt Ion:142 Resp: 272

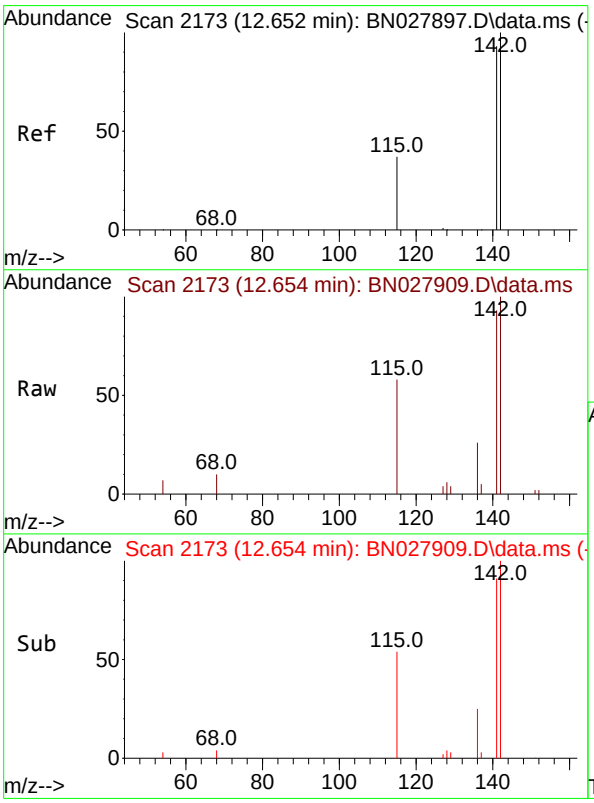
Ion	Ratio	Lower	Upper
142	100		
141	97.0	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

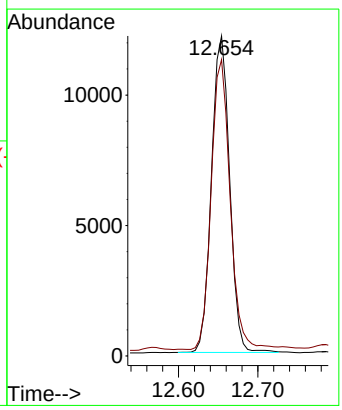


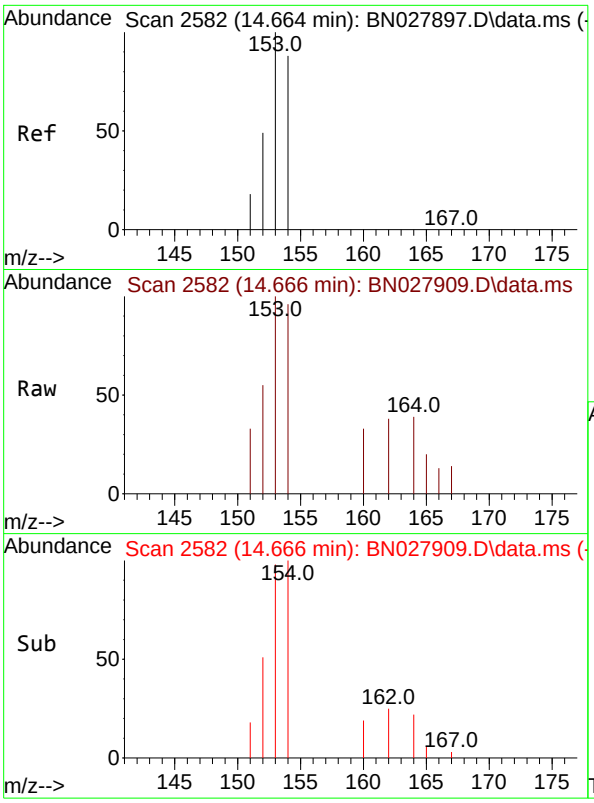


#8
1-Methylnaphthalene
Concen: 0.790 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion:142 Resp: 19313

Ion	Ratio	Lower	Upper
142	100		
141	95.3	72.8	109.2





#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.666 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

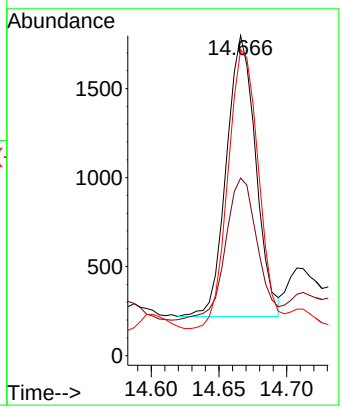
Tgt Ion:153 Resp: 237

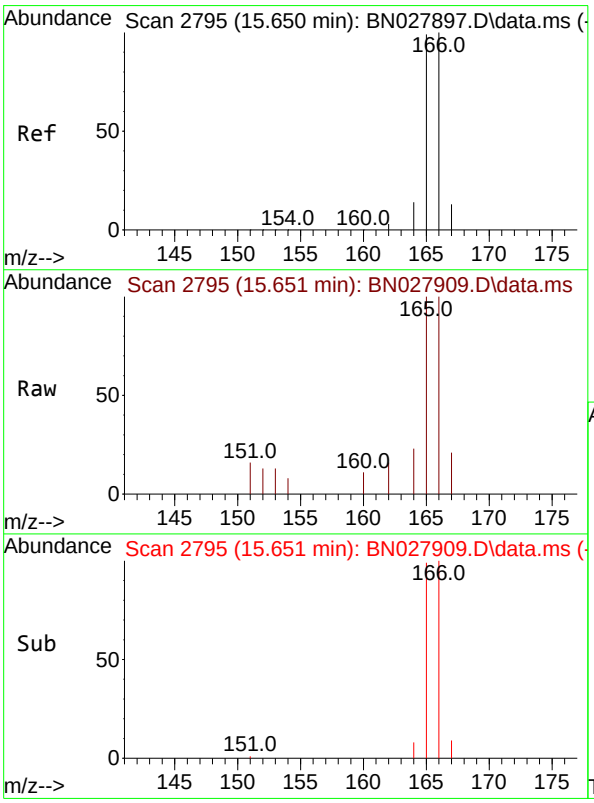
Ion	Ratio	Lower	Upper
153	100		
152	55.5	41.7	62.5
154	95.6	70.3	105.5

Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

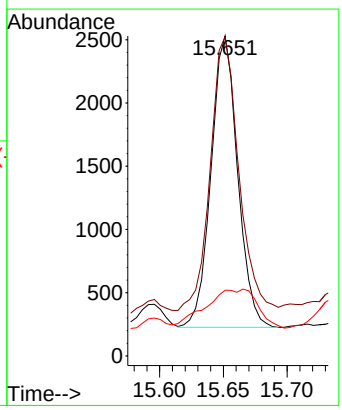


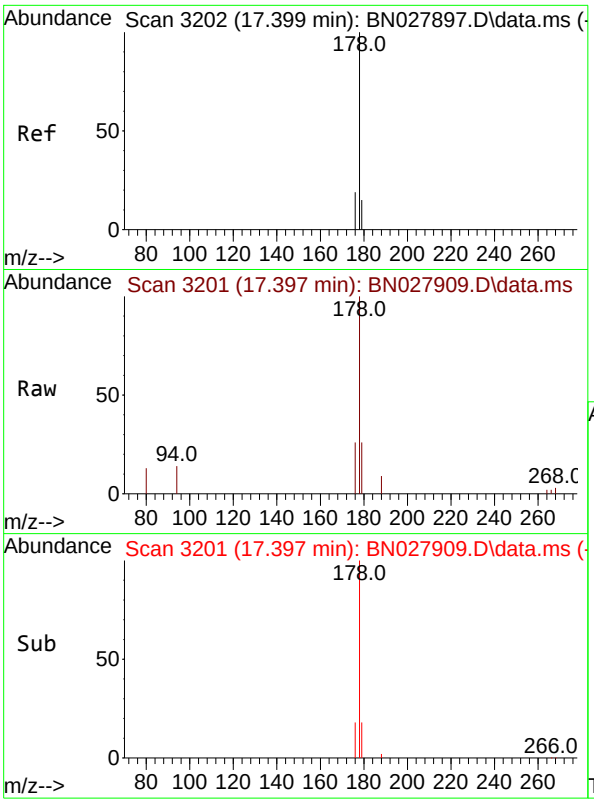


#12
Fluorene
Concen: 0.082 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion:166 Resp: 3331

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.0	117.0
167	20.6	11.4	17.2#





#15
Phenanthrene
Concen: 0.080 ng/ul
RT: 17.397 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

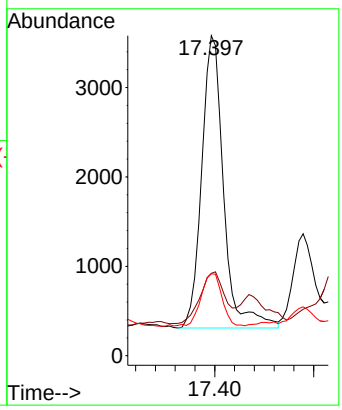
Tgt Ion:178 Resp: 504

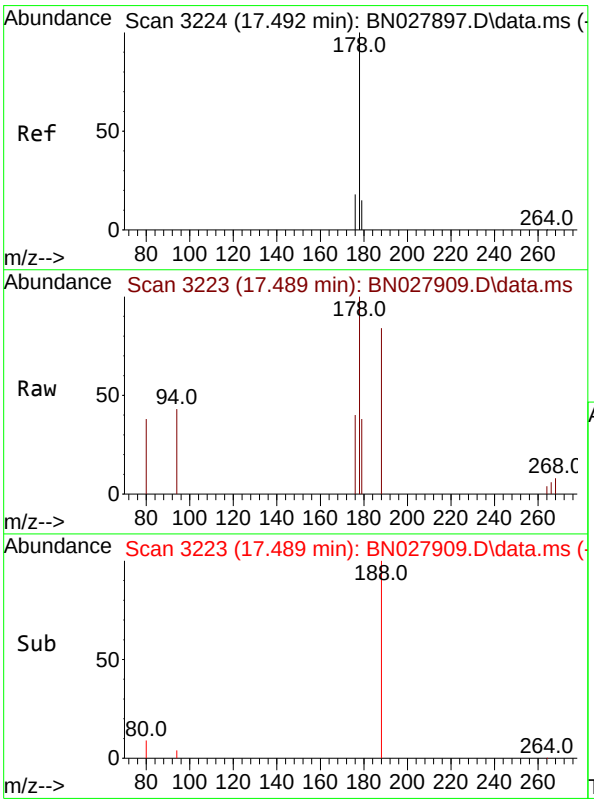
Ion	Ratio	Lower	Upper
178	100		
179	25.8	12.4	18.6#
176	25.6	16.0	24.0#

Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

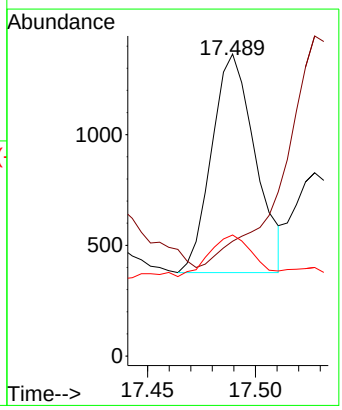


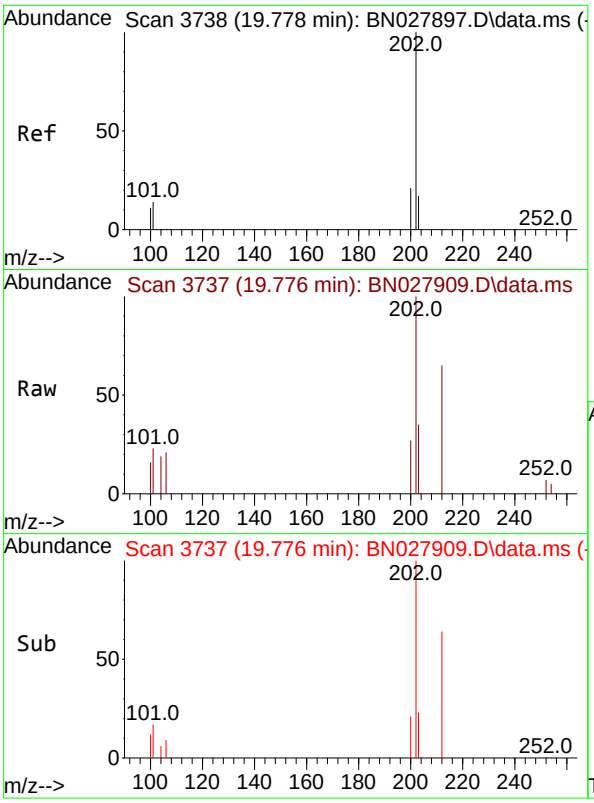


#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion:178 Resp: 1386

Ion	Ratio	Lower	Upper
178	100		
179	38.0	12.6	19.0#
176	40.1	15.5	23.3#

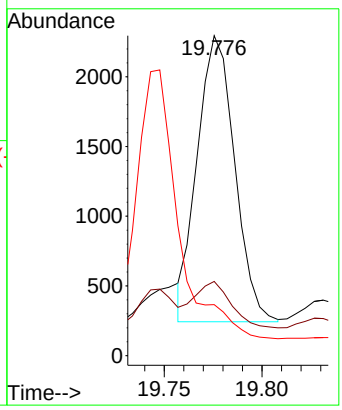




#20
Pyrene
Concen: 0.035 ng/ul m
RT: 19.776 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion:202 Resp: 273

Ion	Ratio	Lower	Upper
202	100		
101	23.2	11.4	17.0#
100	15.9	9.1	13.7#



Instrument :
BNA_N
ClientSampleId :
BBK40DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023