

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027856.D
 Acq On : 26 Sep 2023 11:17
 Operator : MA/JU
 Sample : 04410-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK40

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 02:59:43 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	3696	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.784	136	13817	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	18755	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.358	188	21388	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.545	240	18942	0.400	ng/ul	0.02
23) Perylene-d12	24.021	264	21644	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18649	4.006	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	9803	0.468	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	29274	0.506	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	1156	0.239	ng/ul#	65
5) Naphthalene	10.834	128	38096	0.965	ng/ul#	91
7) 2-Methylnaphthalene	12.440	142	11301	0.451	ng/ul	87
8) 1-Methylnaphthalene	12.660	142	79291	3.068	ng/ul	99
11) Acenaphthene	14.670	153	9402	0.133	ng/ul	95
12) Fluorene	15.656	166	16712	0.201	ng/ul#	94
15) Phenanthrene	17.401	178	20411	0.304	ng/ul#	83
16) Anthracene	17.494	178	5108	0.091	ng/ul#	50
19) Fluoranthene	19.413	202	2712	0.035	ng/ul#	57
20) Pyrene	19.780	202	11147m	0.141	ng/ul	
21) Benzo(a)anthracene	21.527	228	1930	0.026	ng/ul#	49
22) Chrysene	21.583	228	2996	0.040	ng/ul#	56

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

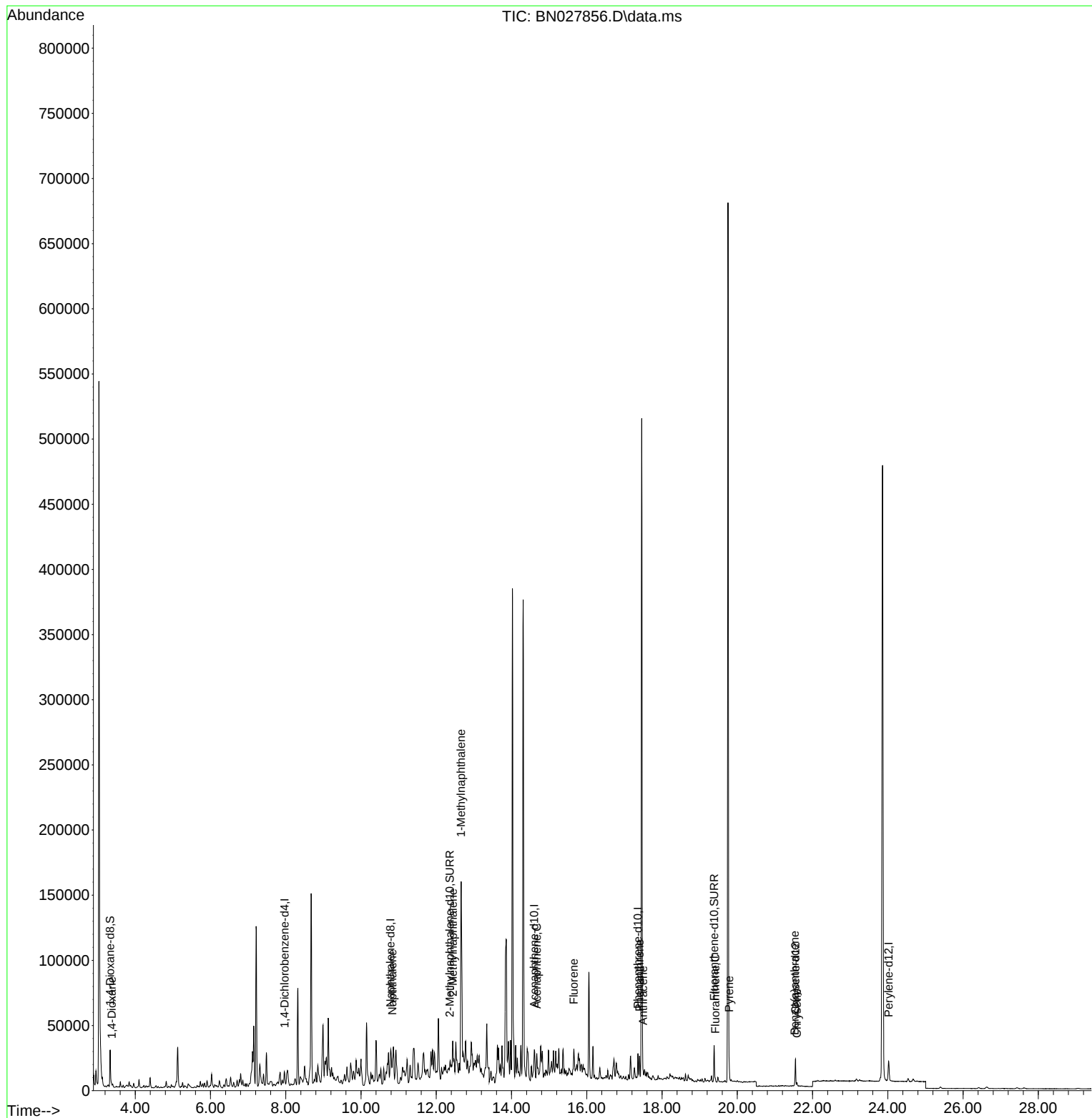
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027856.D
Acq On : 26 Sep 2023 11:17
Operator : MA/JU
Sample : 04410-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

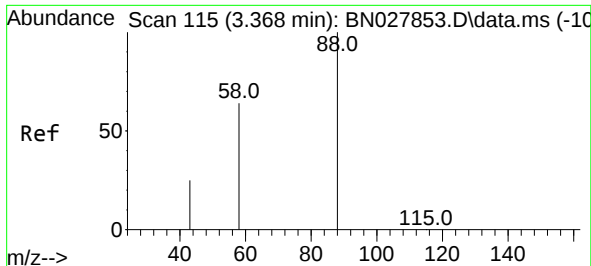
Instrument :
BNA_N
ClientSampleId :
BBK40

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

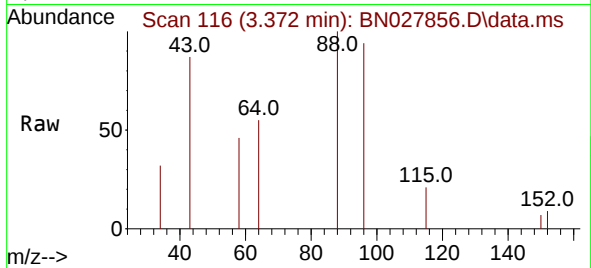
Quant Time: Sep 27 02:59:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.239 ng/ul
RT: 3.372 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

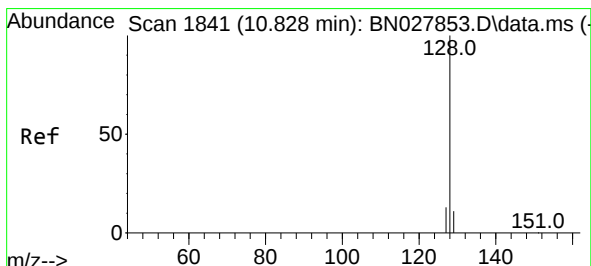
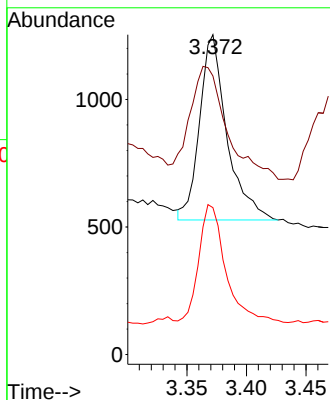
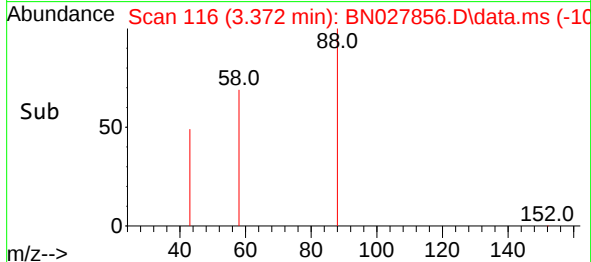
Instrument :
BNA_N
ClientSampleId :
BBK40



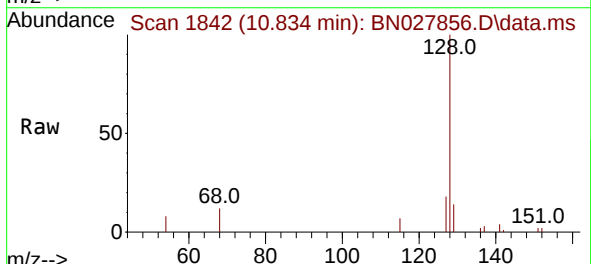
Tgt Ion: 88 Resp: 1150
Ion Ratio Lower Upper
88 100
43 87.1 39.6 59.4#
58 45.9 48.3 72.5#

Manual Integrations
APPROVED

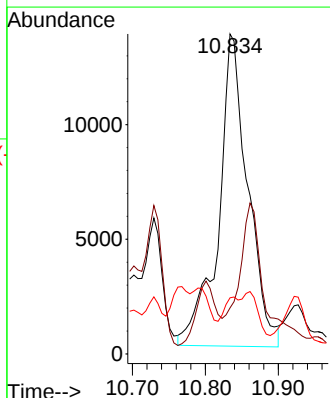
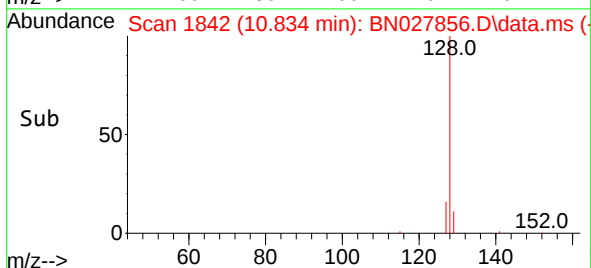
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

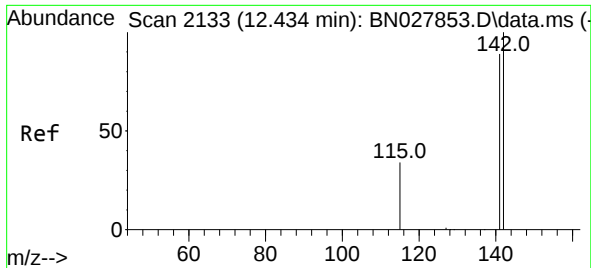


#5
Naphthalene
Concen: 0.965 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17



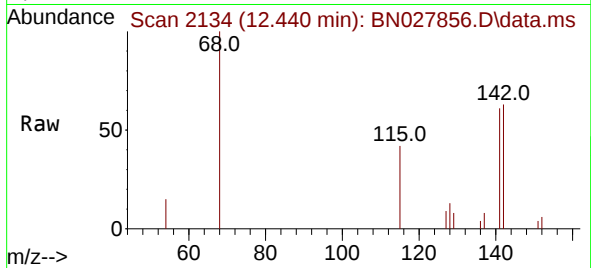
Tgt Ion:128 Resp: 38096
Ion Ratio Lower Upper
128 100
129 14.4 9.3 13.9#
127 17.6 10.7 16.1#





#7
2-Methylnaphthalene
Concen: 0.451 ng/ul
RT: 12.440 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

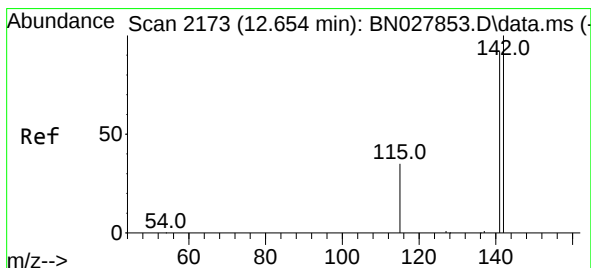
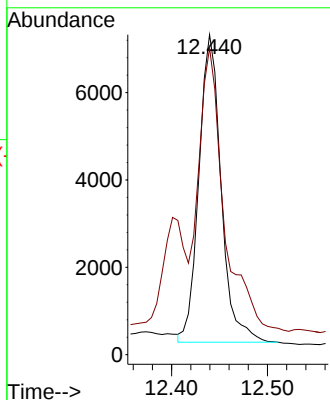
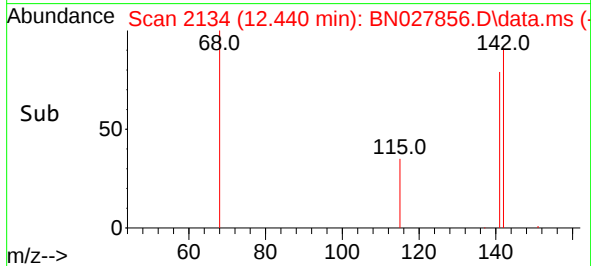
Instrument :
BNA_N
ClientSampleId :
BBK40



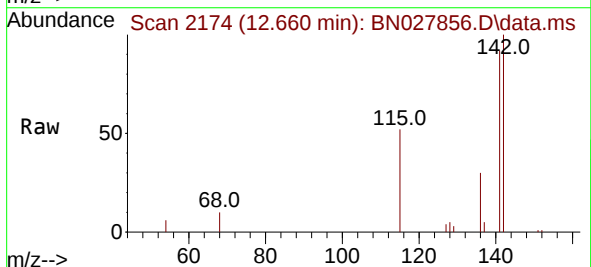
Tgt Ion:142 Resp: 1130
Ion Ratio Lower Upper
142 100
141 101.0 71.1 106.7

Manual Integrations
APPROVED

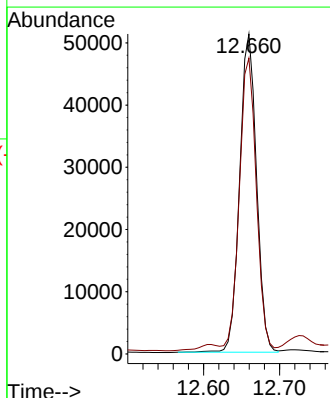
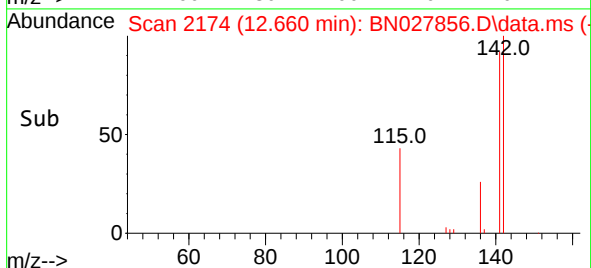
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

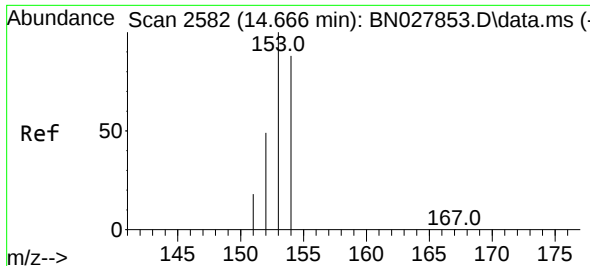


#8
1-Methylnaphthalene
Concen: 3.068 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17



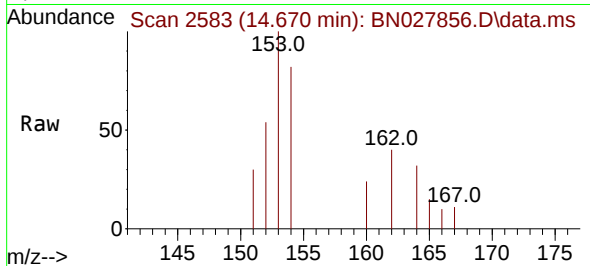
Tgt Ion:142 Resp: 79291
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2





#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.670 min Scan# 2582
Delta R.T. 0.018 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

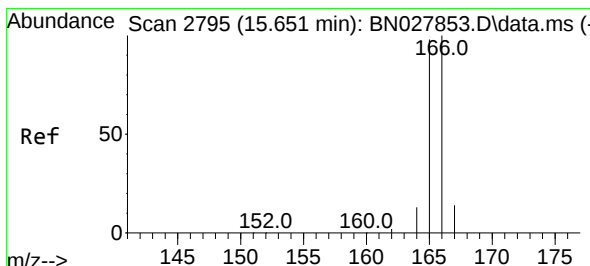
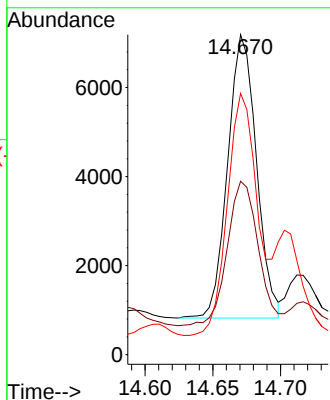
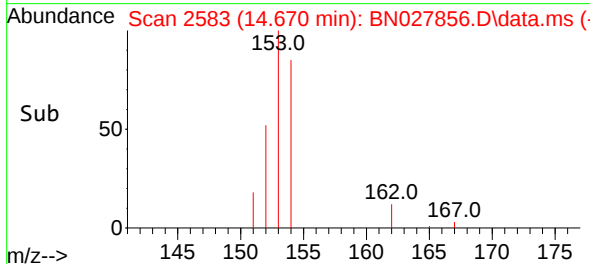
Instrument :
BNA_N
ClientSampleId :
BBK40



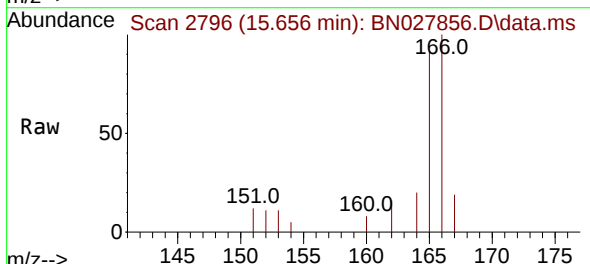
Tgt Ion:153 Resp: 940
Ion Ratio Lower Upper
153 100
152 54.2 41.7 62.5
154 81.7 70.3 105.5

Manual Integrations
APPROVED

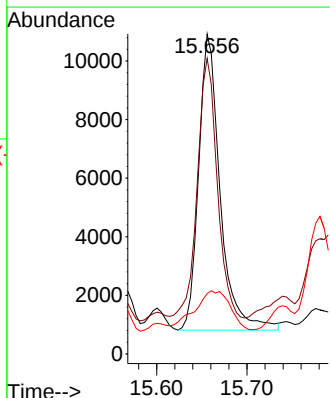
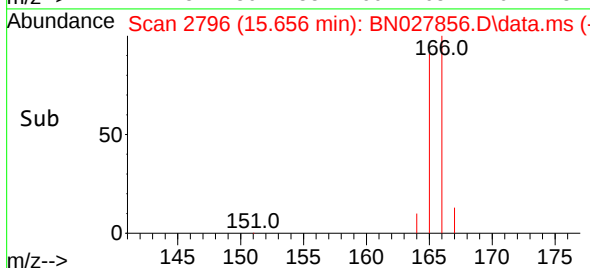
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

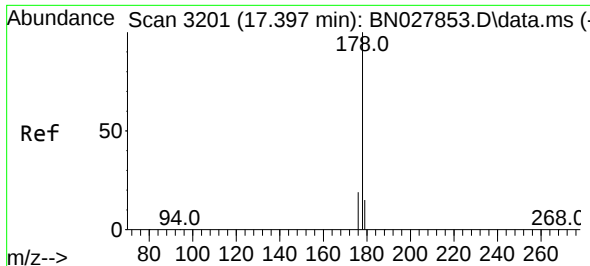


#12
Fluorene
Concen: 0.201 ng/ul
RT: 15.656 min Scan# 2796
Delta R.T. 0.018 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17



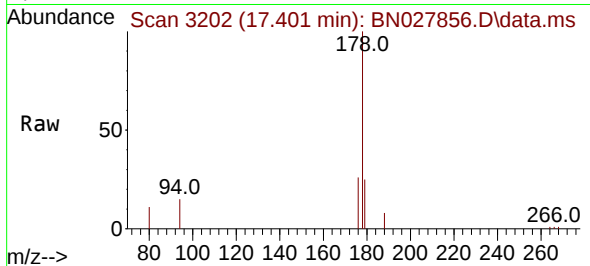
Tgt Ion:166 Resp: 16712
Ion Ratio Lower Upper
166 100
165 92.3 78.0 117.0
167 18.9 11.4 17.2#





#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 17.401 min Scan# 3201
Delta R.T. 0.016 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

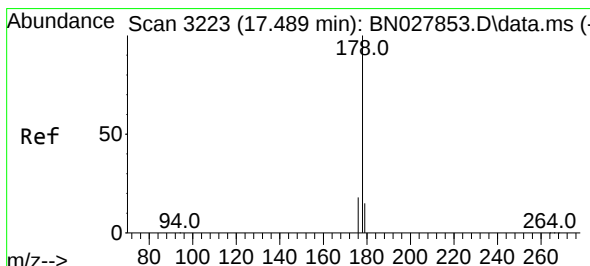
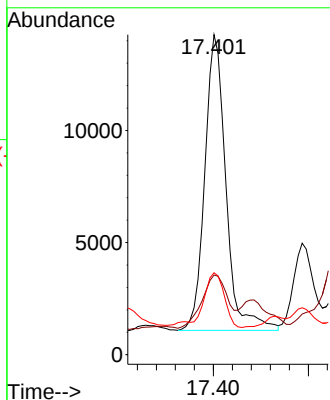
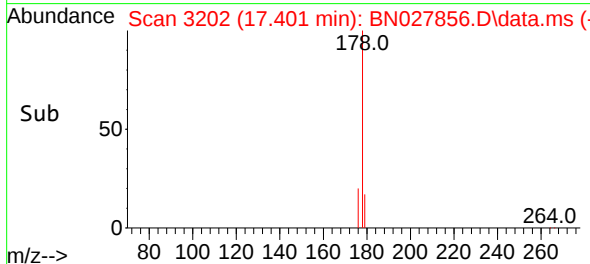
Instrument :
BNA_N
ClientSampleId :
BBK40



Tgt Ion:178 Resp: 2041
Ion Ratio Lower Upper
178 100
179 24.9 12.4 18.6
176 25.6 16.0 24.0

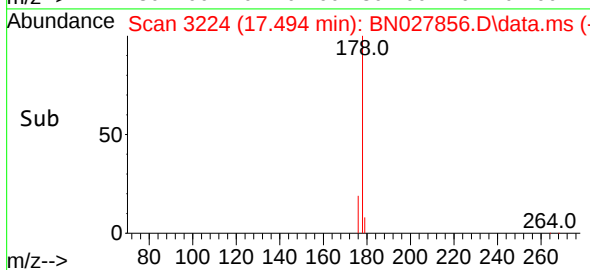
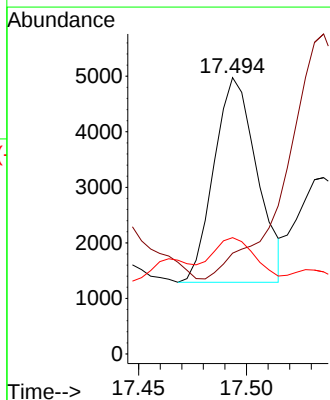
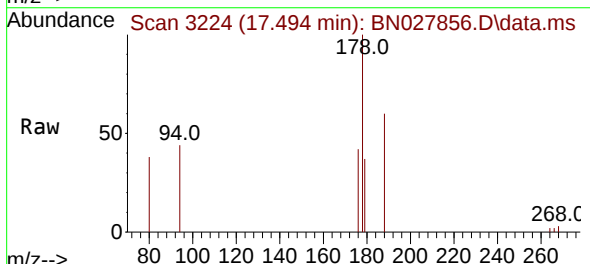
Manual Integrations
APPROVED

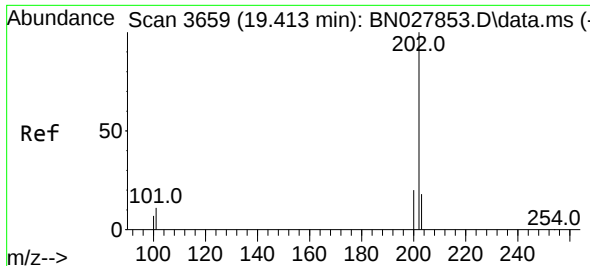
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#16
Anthracene
Concen: 0.091 ng/u1
RT: 17.494 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

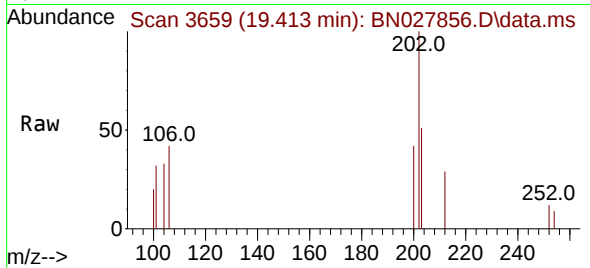
Tgt Ion:178 Resp: 5108
Ion Ratio Lower Upper
178 100
179 36.5 12.6 19.0#
176 42.1 15.5 23.3#





#19
Fluoranthene
Concen: 0.035 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.018 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

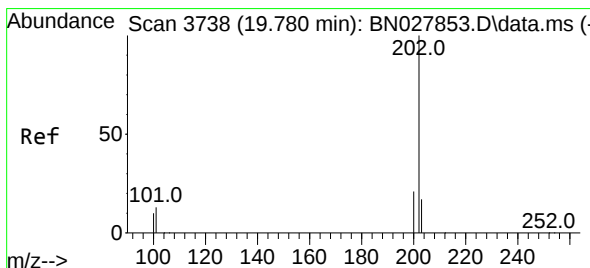
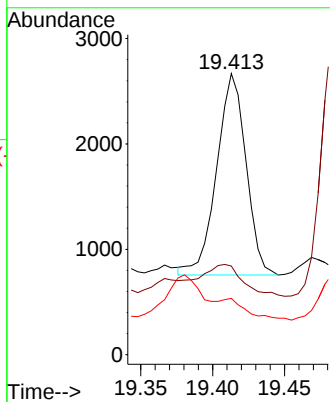
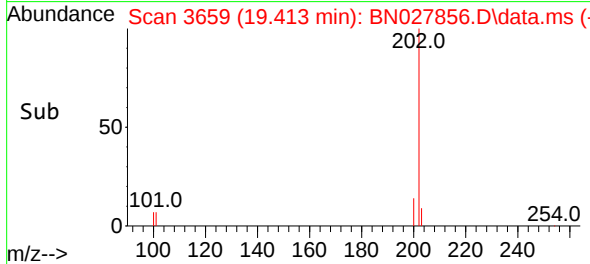
Instrument :
BNA_N
ClientSampleId :
BBK40



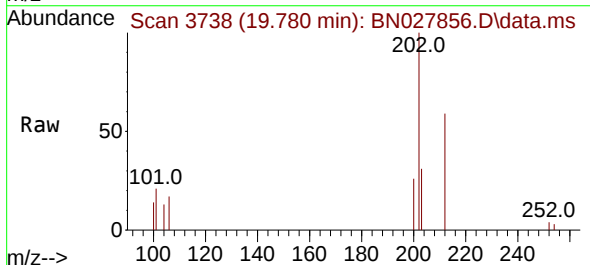
Tgt Ion:202 Resp: 2712
Ion Ratio Lower Upper
202 100
101 31.5 9.3 13.9#
100 20.0 7.0 10.4#

Manual Integrations
APPROVED

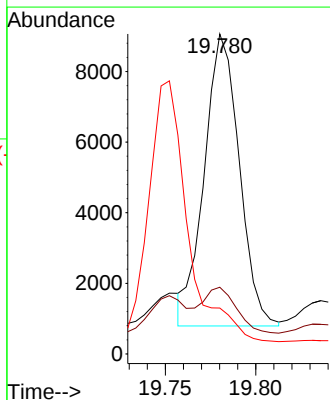
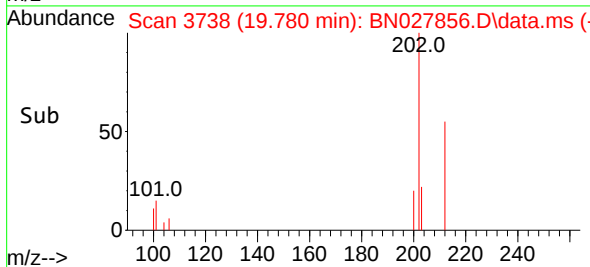
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

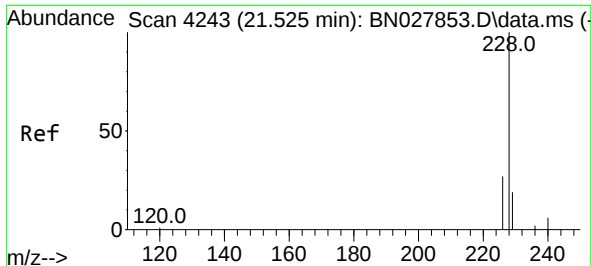


#20
Pyrene
Concen: 0.141 ng/ul m
RT: 19.780 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17



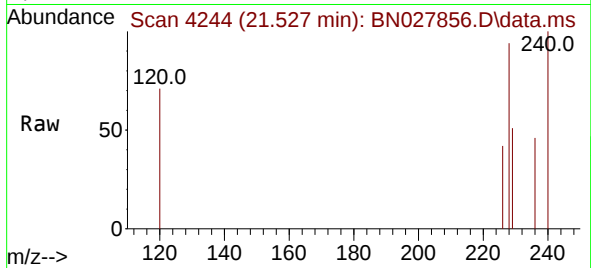
Tgt Ion:202 Resp: 11147
Ion Ratio Lower Upper
202 100
101 20.9 11.4 17.0#
100 14.4 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.026 ng/u1
RT: 21.527 min Scan# 4243
Delta R.T. 0.024 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

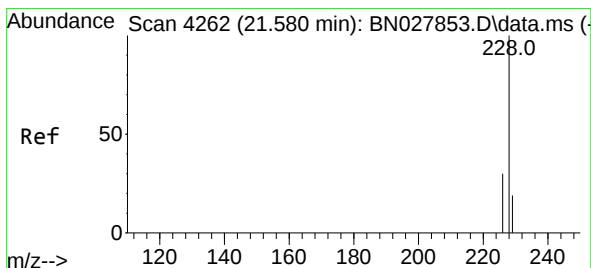
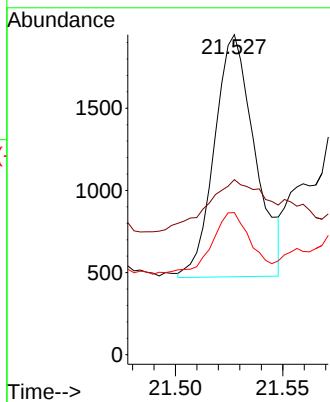
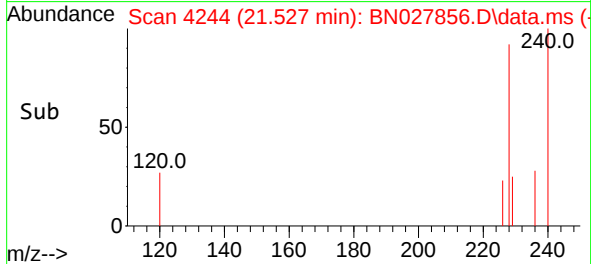
Instrument :
BNA_N
ClientSampleId :
BBK40



Tgt Ion:228 Resp: 1930
Ion Ratio Lower Upper
228 100
229 54.7 15.8 23.8#
226 44.4 22.0 33.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#22
Chrysene
Concen: 0.040 ng/u1
RT: 21.583 min Scan# 4263
Delta R.T. 0.024 min
Lab File: BN027856.D
Acq: 26 Sep 2023 11:17

Tgt Ion:228 Resp: 2996
Ion Ratio Lower Upper
228 100
226 45.1 24.5 36.7#
229 52.3 16.0 24.0#

