

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028061.D
 Acq On : 05 Oct 2023 22:46
 Operator : MA/JU
 Sample : 04469-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 04:26:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4652	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	14254	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.583	164	7694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	15531	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.519	240	13473	0.400	ng/ul	#-0.02
23) Perylene-d12	23.983	264	15079	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	15248	2.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3019	0.131	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	7156	0.167	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	5798	0.143	ng/ul#	96
7) 2-Methylnaphthalene	12.412	142	4833	0.189	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	2583	0.098	ng/ul	100
10) Acenaphthylene	14.310	152	5412	0.155	ng/ul#	93
11) Acenaphthene	14.643	153	1136	0.041	ng/ul#	91
12) Fluorene	15.633	166	1332	0.043	ng/ul#	80
15) Phenanthrene	17.375	178	28564	0.617	ng/ul	99
16) Anthracene	17.468	178	7776	0.188	ng/ul#	92
19) Fluoranthene	19.390	202	56129	1.091	ng/ul	99
20) Pyrene	19.757	202	56426	1.058	ng/ul	98
21) Benzo(a)anthracene	21.501	228	32193	0.654	ng/ul#	93
22) Chrysene	21.557	228	42930	0.864	ng/ul#	93
24) Benzo(b)fluoranthene	23.220	252	72064m	1.289	ng/ul	
25) Benzo(k)fluoranthene	23.269	252	23804m	0.428	ng/ul	
26) Benzo(a)pyrene	23.869	252	41027	0.861	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.566	276	40193	0.697	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.579	278	9836	0.210	ng/ul#	1
29) Benzo(g,h,i)perylene	27.374	276	42345	0.898	ng/ul#	89

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

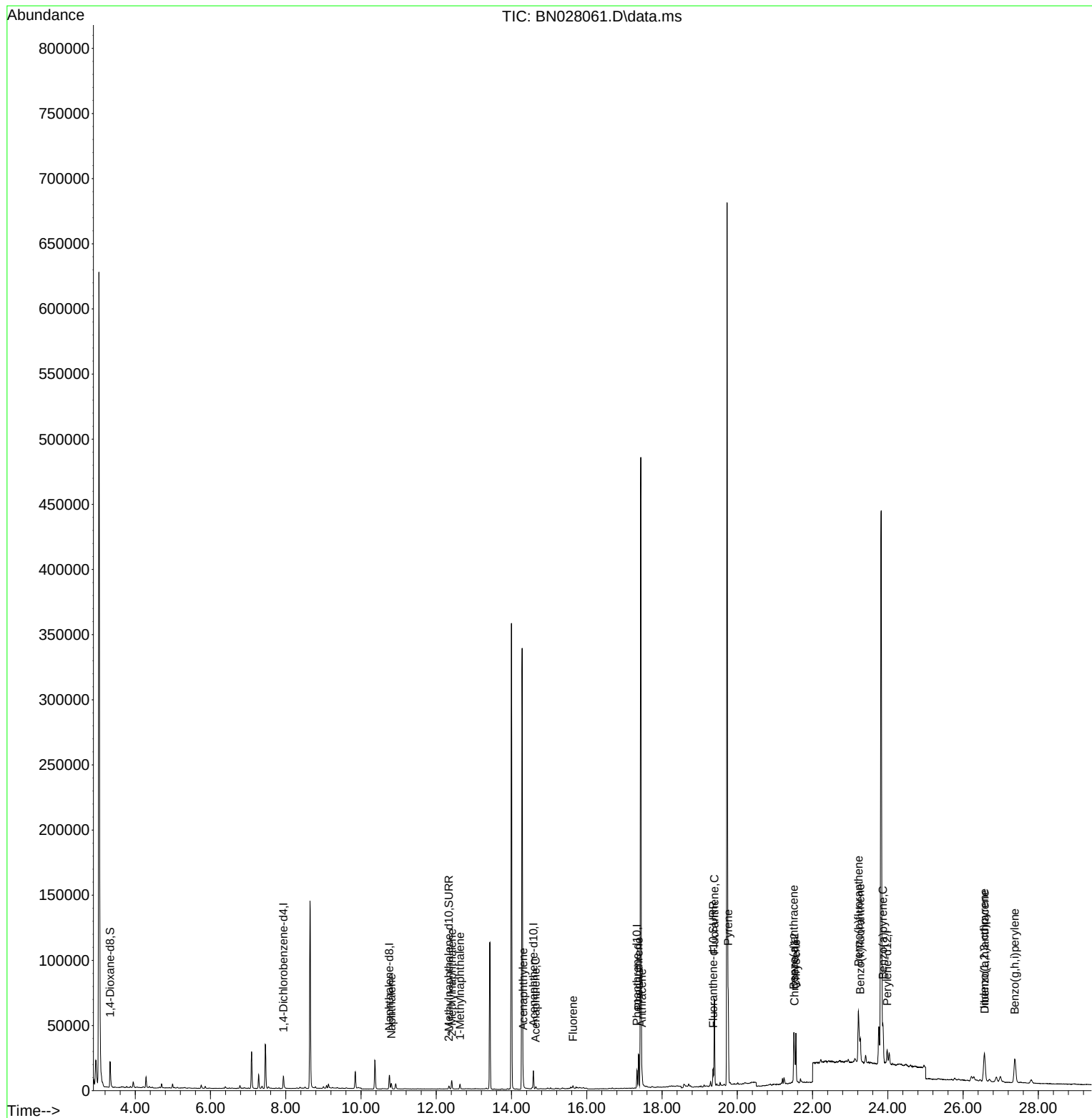
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028061.D
Acq On : 05 Oct 2023 22:46
Operator : MA/JU
Sample : 04469-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

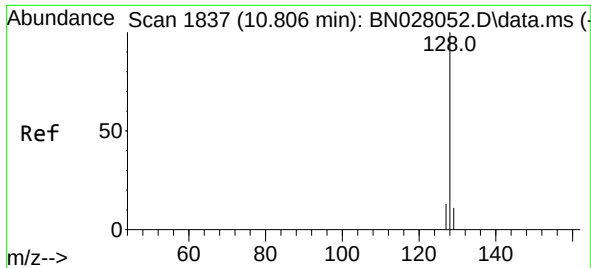
Instrument :
BNA_N
ClientSampleId :
EZYL8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

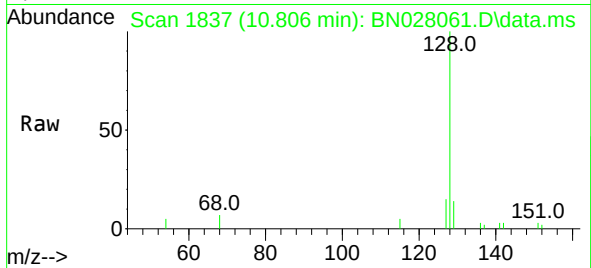
Quant Time: Oct 06 04:26:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

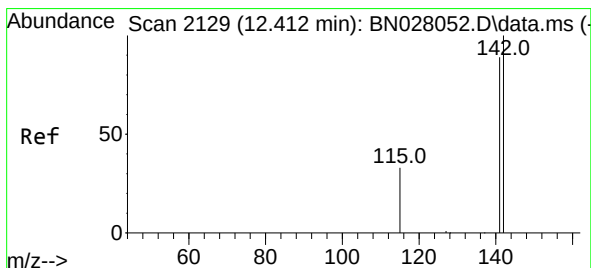
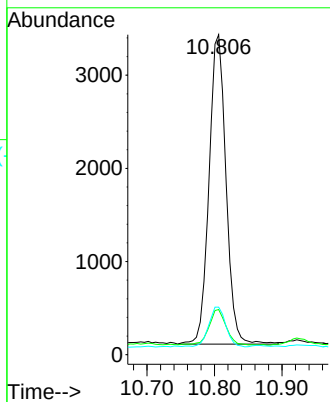
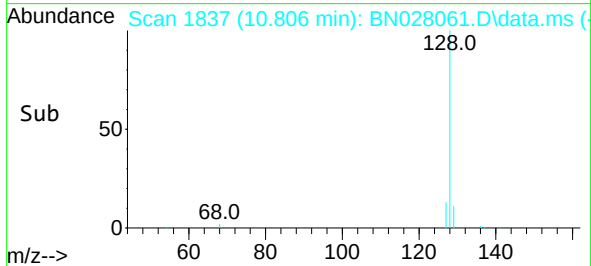
Instrument :
BNA_N
ClientSampleId :
EZYL8



Tgt Ion:128 Resp: 5798
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.0
127 14.9 11.0 16.4

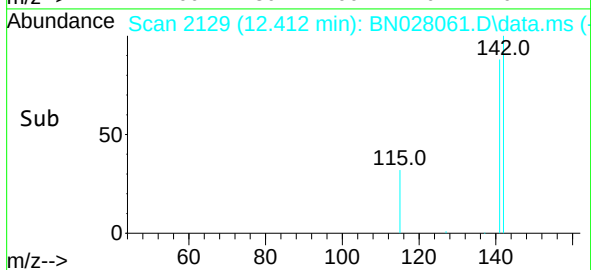
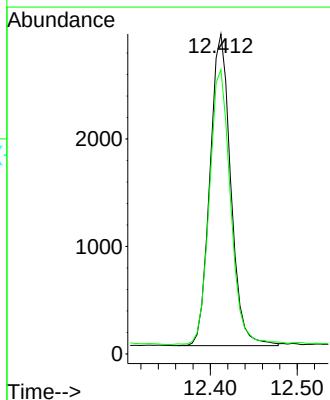
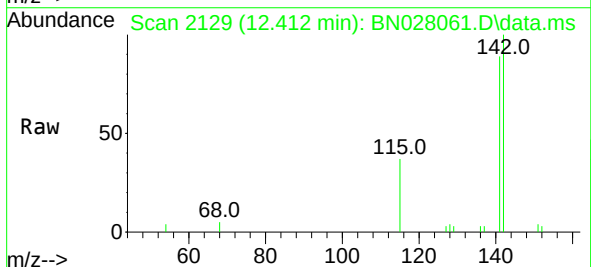
Manual Integrations
APPROVED

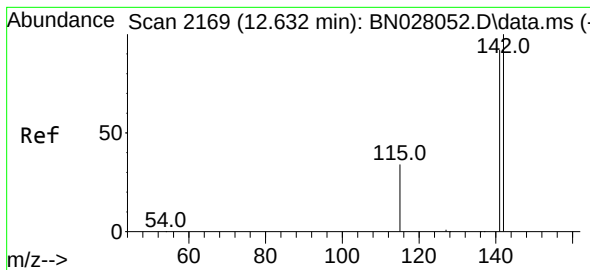
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

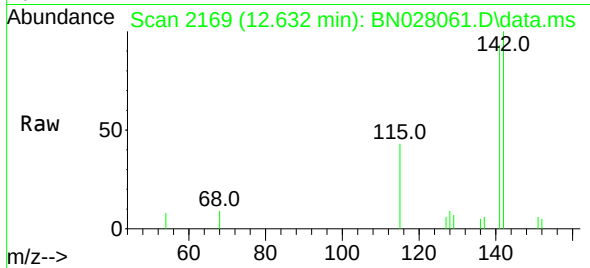
Tgt Ion:142 Resp: 4833
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

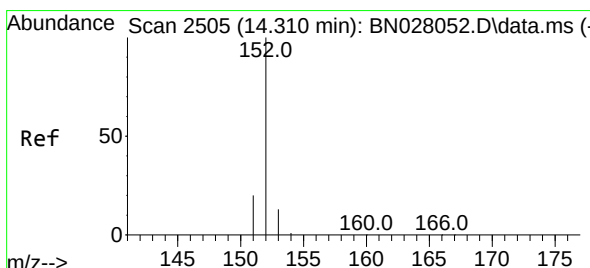
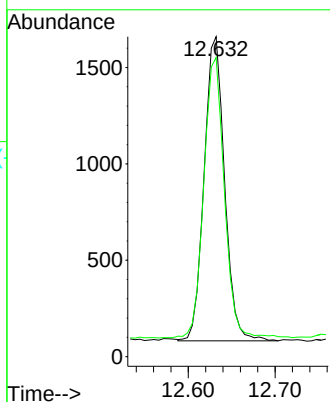
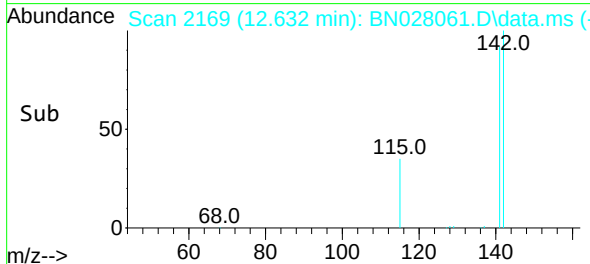
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:142 Resp: 2583
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6

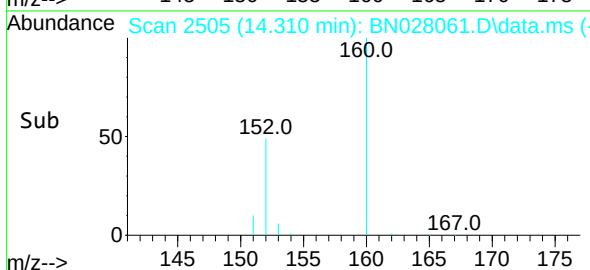
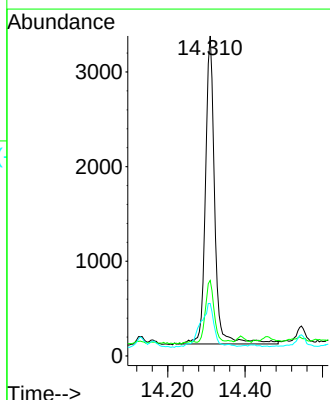
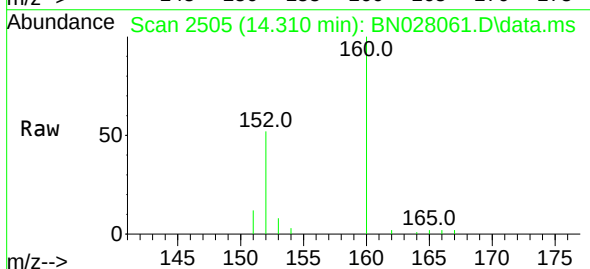
Manual Integrations
APPROVED

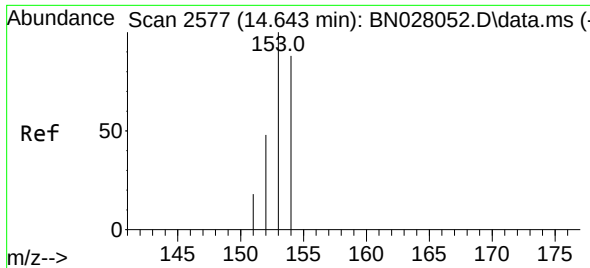
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.010 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

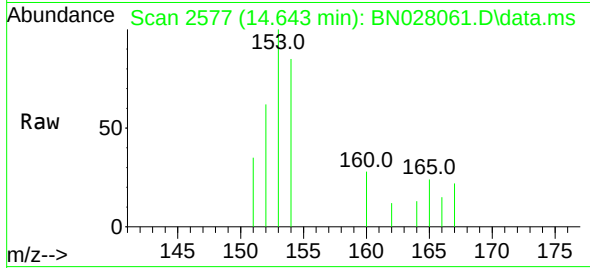
Tgt Ion:152 Resp: 5412
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 16.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

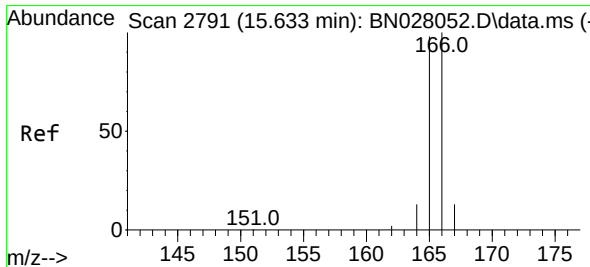
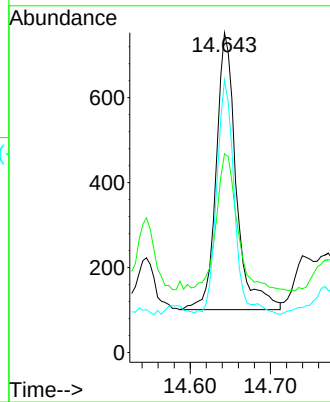
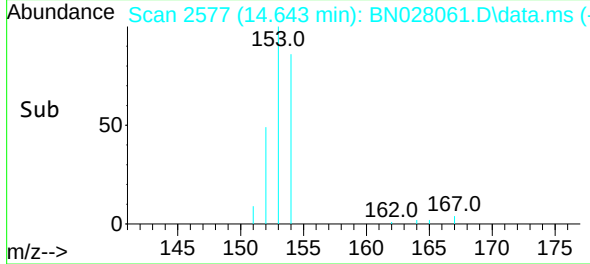
Instrument :
BNA_N
ClientSampleId :
EZY8



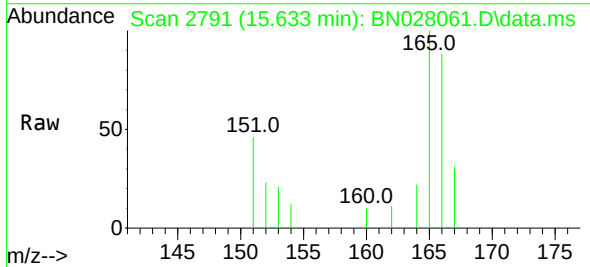
Tgt Ion:153 Resp: 1130
Ion Ratio Lower Upper
153 100
152 62.2 39.4 59.0
154 85.3 70.2 105.4

Manual Integrations
APPROVED

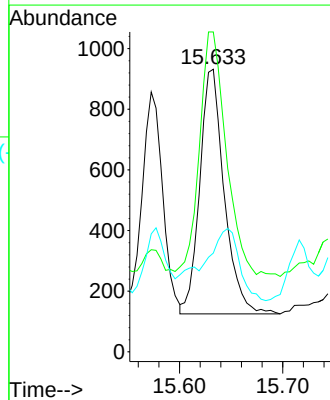
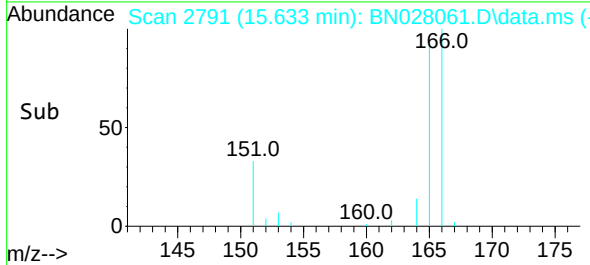
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

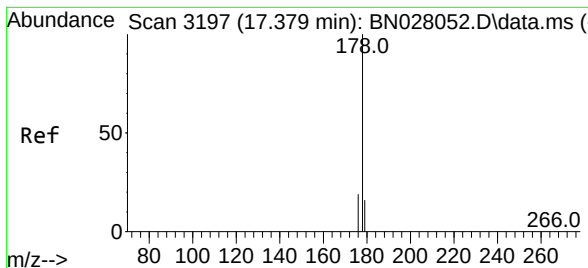


#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.633 min Scan# 2791
Delta R.T. -0.010 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46



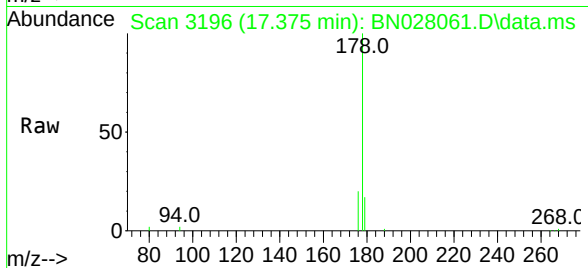
Tgt Ion:166 Resp: 1332
Ion Ratio Lower Upper
166 100
165 113.2 78.5 117.7
167 35.0 11.2 16.8





#15
Phenanthrene
Concen: 0.617 ng/u1
RT: 17.375 min Scan# 3196
Delta R.T. -0.013 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

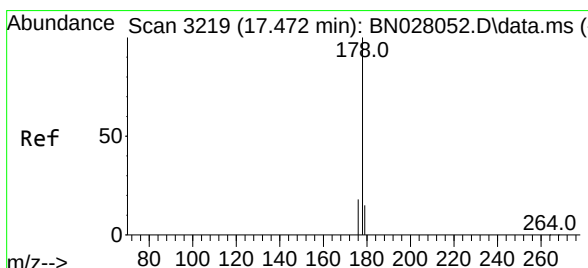
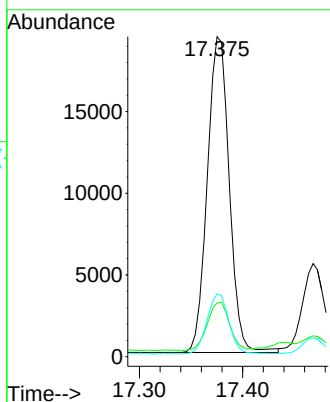
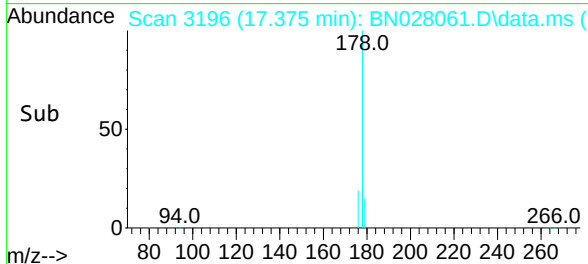
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:178 Resp: 28564
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 19.6 15.5 23.3

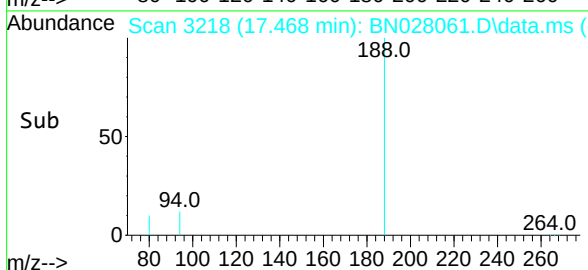
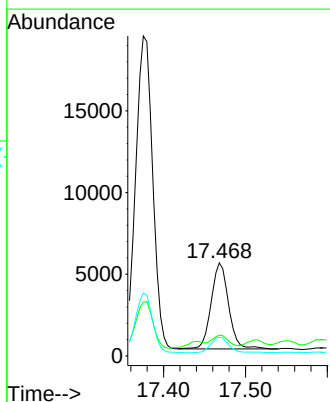
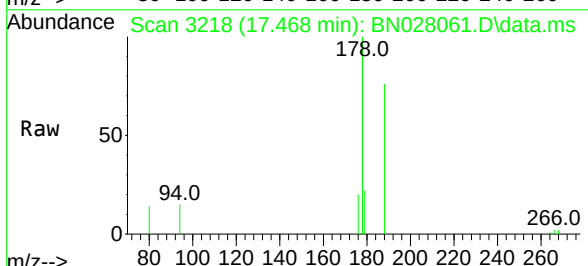
Manual Integrations
APPROVED

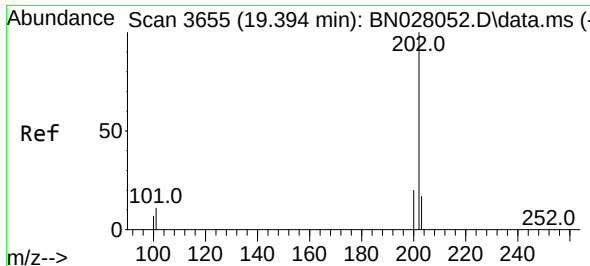
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#16
Anthracene
Concen: 0.188 ng/u1
RT: 17.468 min Scan# 3218
Delta R.T. -0.013 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

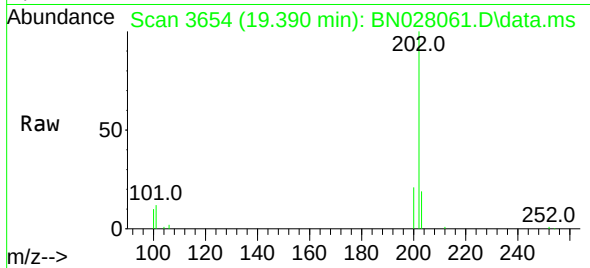
Tgt Ion:178 Resp: 7776
Ion Ratio Lower Upper
178 100
179 22.3 12.8 19.2#
176 20.1 15.0 22.6





#19
Fluoranthene
Concen: 1.091 ng/u1
RT: 19.390 min Scan# 3654
Delta R.T. -0.014 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

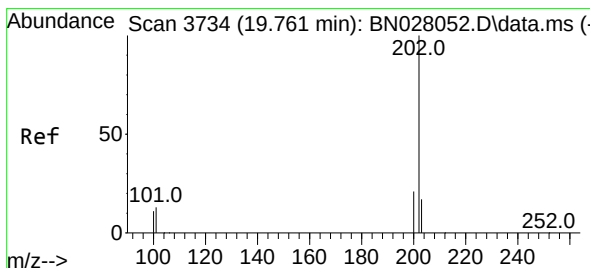
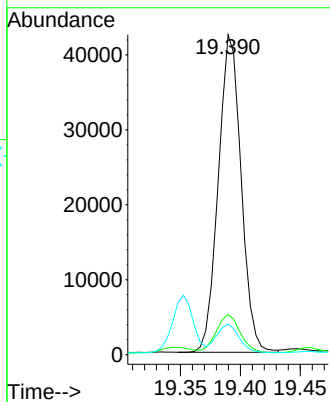
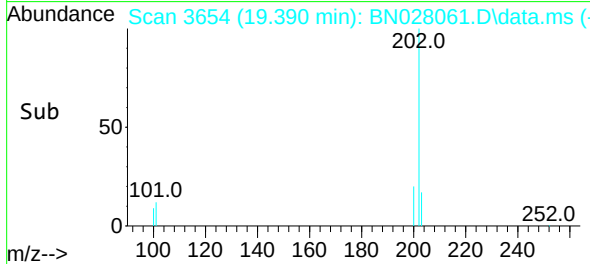
Instrument :
BNA_N
ClientSampleId :
EZY8



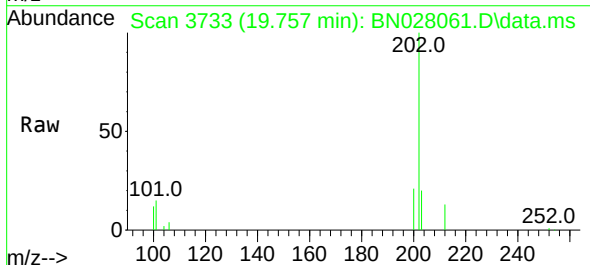
Tgt Ion:202 Resp: 56129
Ion Ratio Lower Upper
202 100
101 12.5 9.6 14.4
100 9.6 7.4 11.0

Manual Integrations
APPROVED

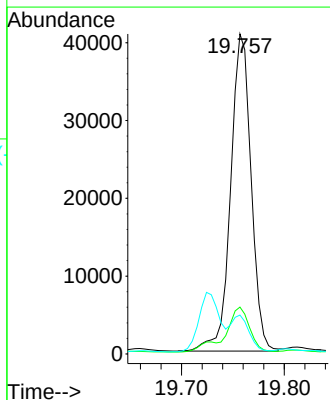
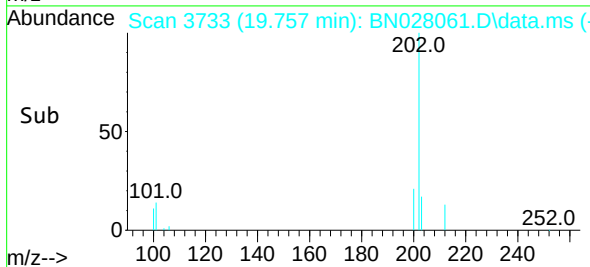
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

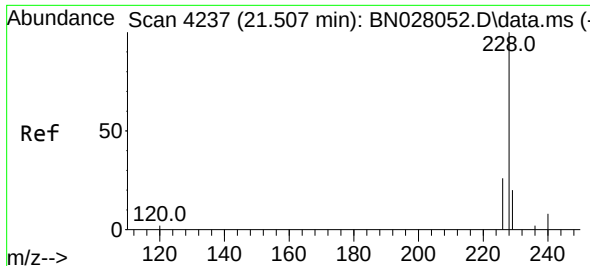


#20
Pyrene
Concen: 1.058 ng/u1
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46



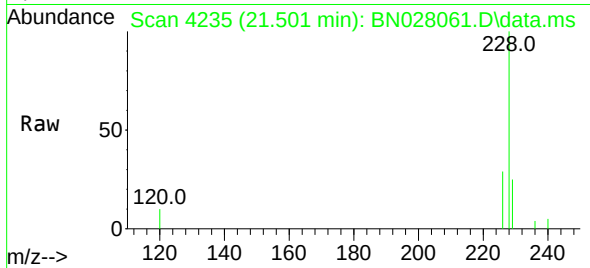
Tgt Ion:202 Resp: 56426
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 12.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.654 ng/u1
RT: 21.501 min Scan# 4235
Delta R.T. -0.017 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

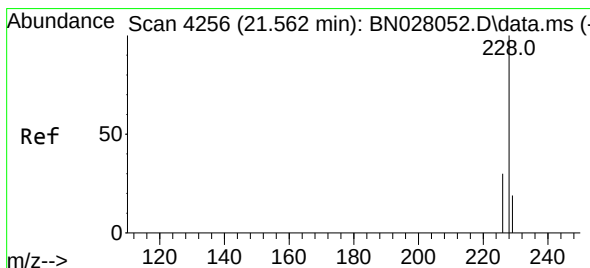
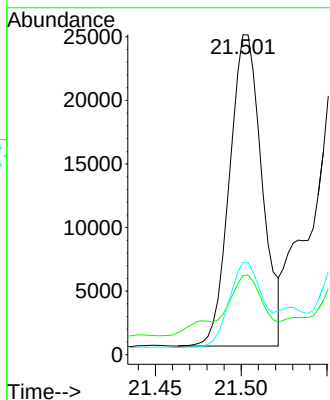
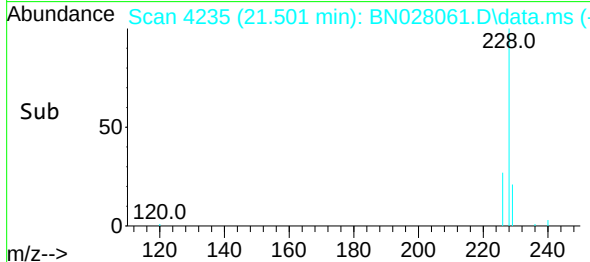
Instrument :
BNA_N
ClientSampleId :
EZY18



Tgt Ion:228 Resp: 3219
Ion Ratio Lower Upper
228 100
229 24.7 16.0 24.0
226 28.9 21.5 32.3

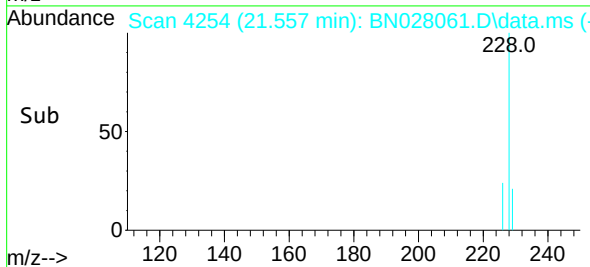
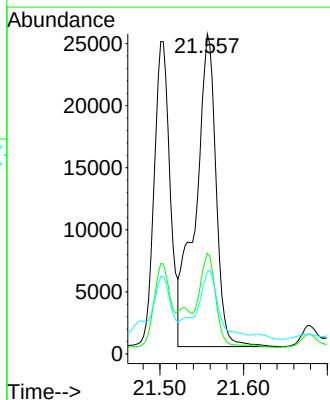
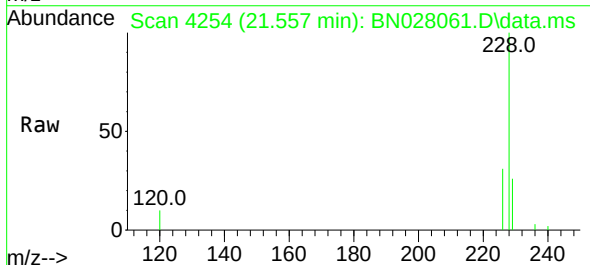
Manual Integrations
APPROVED

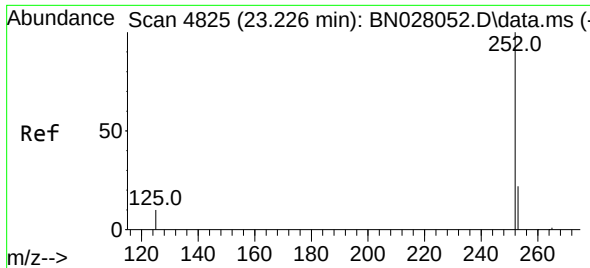
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#22
Chrysene
Concen: 0.864 ng/u1
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

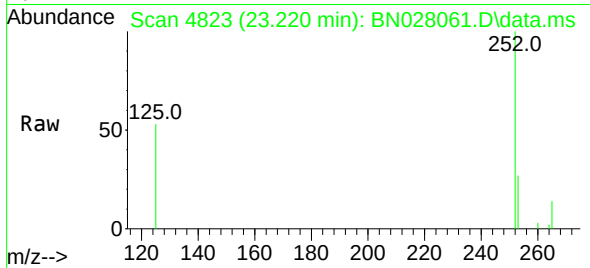
Tgt Ion:228 Resp: 42930
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.8
229 25.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.289 ng/ul m
RT: 23.220 min Scan# 4825
Delta R.T. -0.020 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

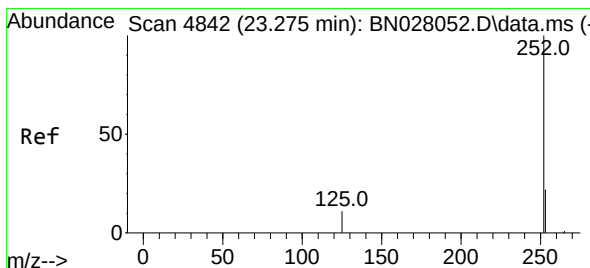
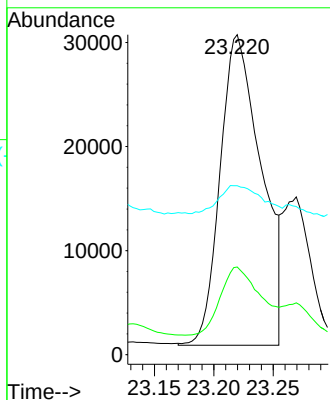
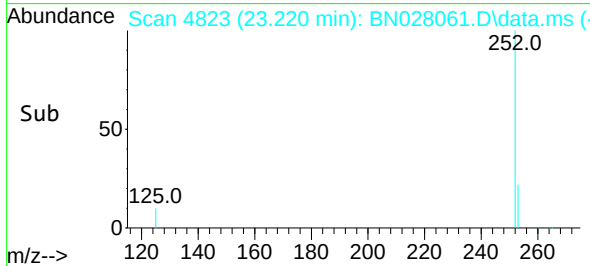
Instrument :
BNA_N
ClientSampleId :
EZY8



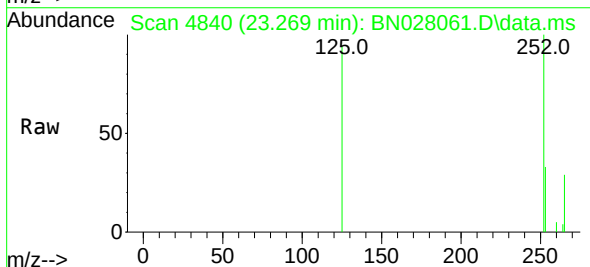
Tgt Ion:252 Resp: 72064
Ion Ratio Lower Upper
252 100
253 27.4 0.0 54.0
125 52.8 0.0 31.4

Manual Integrations
APPROVED

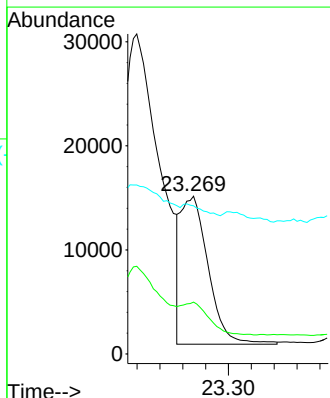
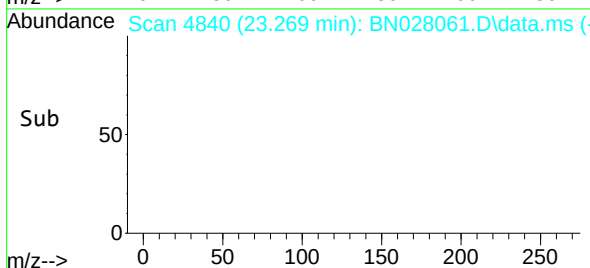
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

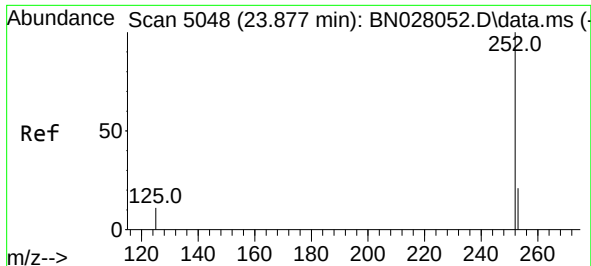


#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul m
RT: 23.269 min Scan# 4840
Delta R.T. -0.020 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46



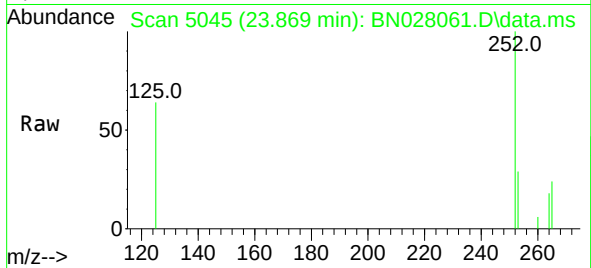
Tgt Ion:252 Resp: 23804
Ion Ratio Lower Upper
252 100
253 32.9 21.8 32.8#
125 93.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.861 ng/ul
RT: 23.869 min Scan# 5045
Delta R.T. -0.026 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

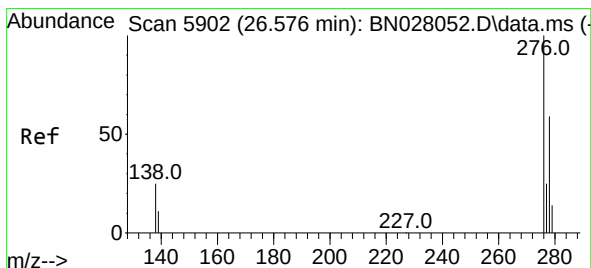
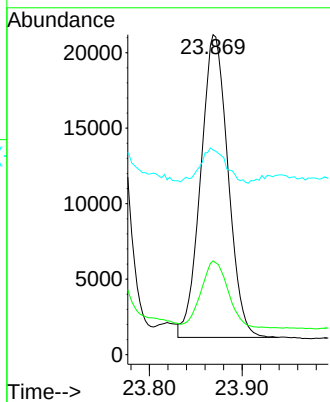
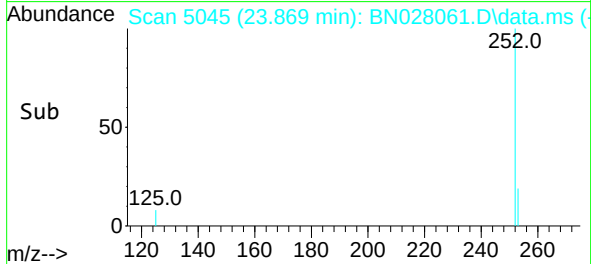
Instrument :
BNA_N
ClientSampleId :
EZY8



Tgt Ion:252 Resp: 4102
Ion Ratio Lower Upper
252 100
253 29.3 23.4 35.2
125 64.0 15.3 22.9

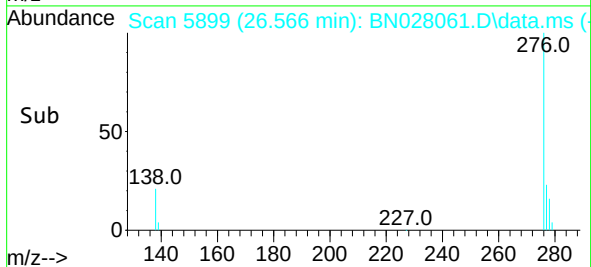
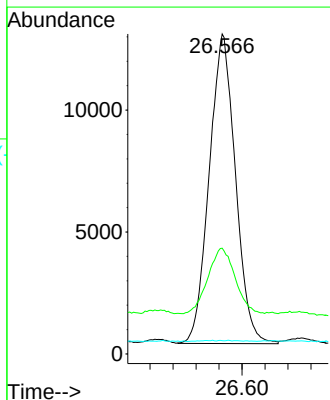
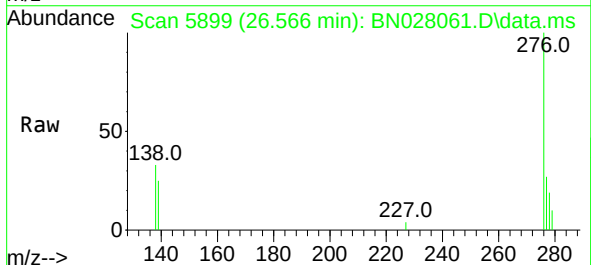
Manual Integrations
APPROVED

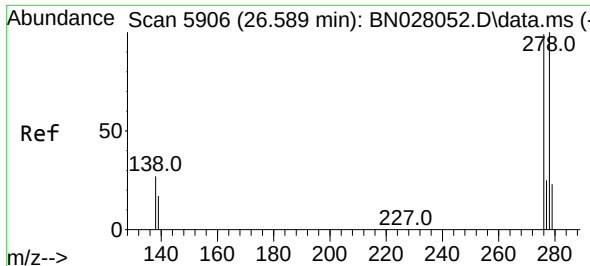
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.697 ng/ul
RT: 26.566 min Scan# 5899
Delta R.T. -0.037 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Tgt Ion:276 Resp: 40193
Ion Ratio Lower Upper
276 100
138 21.9 21.6 32.4
227 0.0 0.2 0.2





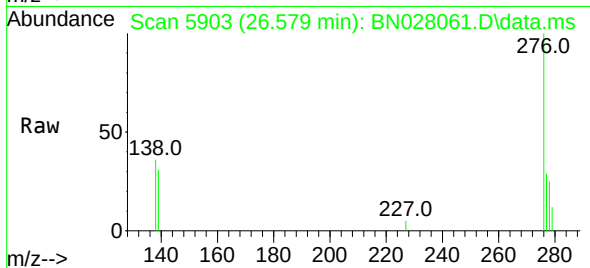
#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 26.579 min Scan# 5906
Delta R.T. -0.040 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Instrument :

BNA_N

ClientSampleId :

EZYL8



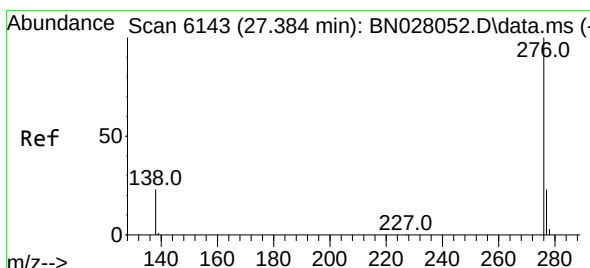
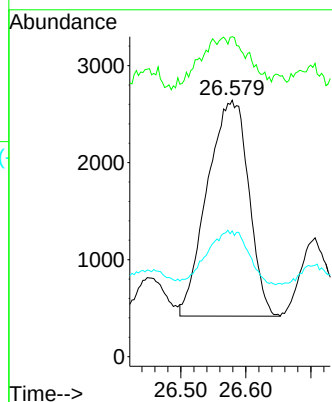
Tgt Ion:278 Resp: 9830
Ion Ratio Lower Upper
278 100
139 124.7 15.9 23.9
279 49.0 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#29
Benzo(g,h,i)perylene
Concen: 0.898 ng/ul
RT: 27.374 min Scan# 6140
Delta R.T. -0.047 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Tgt Ion:276 Resp: 42345
Ion Ratio Lower Upper
276 100
138 34.1 19.8 29.6
277 27.5 20.6 31.0

