

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027006.D
 Acq On : 21 Aug 2023 23:59
 Operator : MA/JU
 Sample : 03967-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:40:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	8945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	29526	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	17282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	39635	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	33931	0.400	ng/ul	#-0.01
23) Perylene-d12	24.182	264	35572	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	39135	3.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8447	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	22700	0.212	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.977	128	12645	0.152	ng/ul	98
7) 2-Methylnaphthalene	12.572	142	4884	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	3229	0.061	ng/ul	100
10) Acenaphthylene	14.458	152	15637	0.162	ng/ul	98
11) Acenaphthene	14.791	153	5544	0.083	ng/ul	99
12) Fluorene	15.772	166	8543	0.113	ng/ul	99
15) Phenanthrene	17.515	178	92463	0.710	ng/ul	100
16) Anthracene	17.608	178	20192	0.172	ng/ul	96
19) Fluoranthene	19.515	202	233530	1.657	ng/ul	98
20) Pyrene	19.882	202	217296m	1.445	ng/ul	
21) Benzo(a)anthracene	21.624	228	103454	0.767	ng/ul	95
22) Chrysene	21.679	228	120726	0.906	ng/ul#	95
24) Benzo(b)fluoranthene	23.392	252	145382m	1.081	ng/ul	
25) Benzo(k)fluoranthene	23.439	252	55086m	0.415	ng/ul	
26) Benzo(a)pyrene	24.068	252	97810	0.806	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.864	276	60642	0.382	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.888	278	14815	0.117	ng/ul#	67
29) Benzo(g,h,i)perylene	27.703	276	57854	0.437	ng/ul	97

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

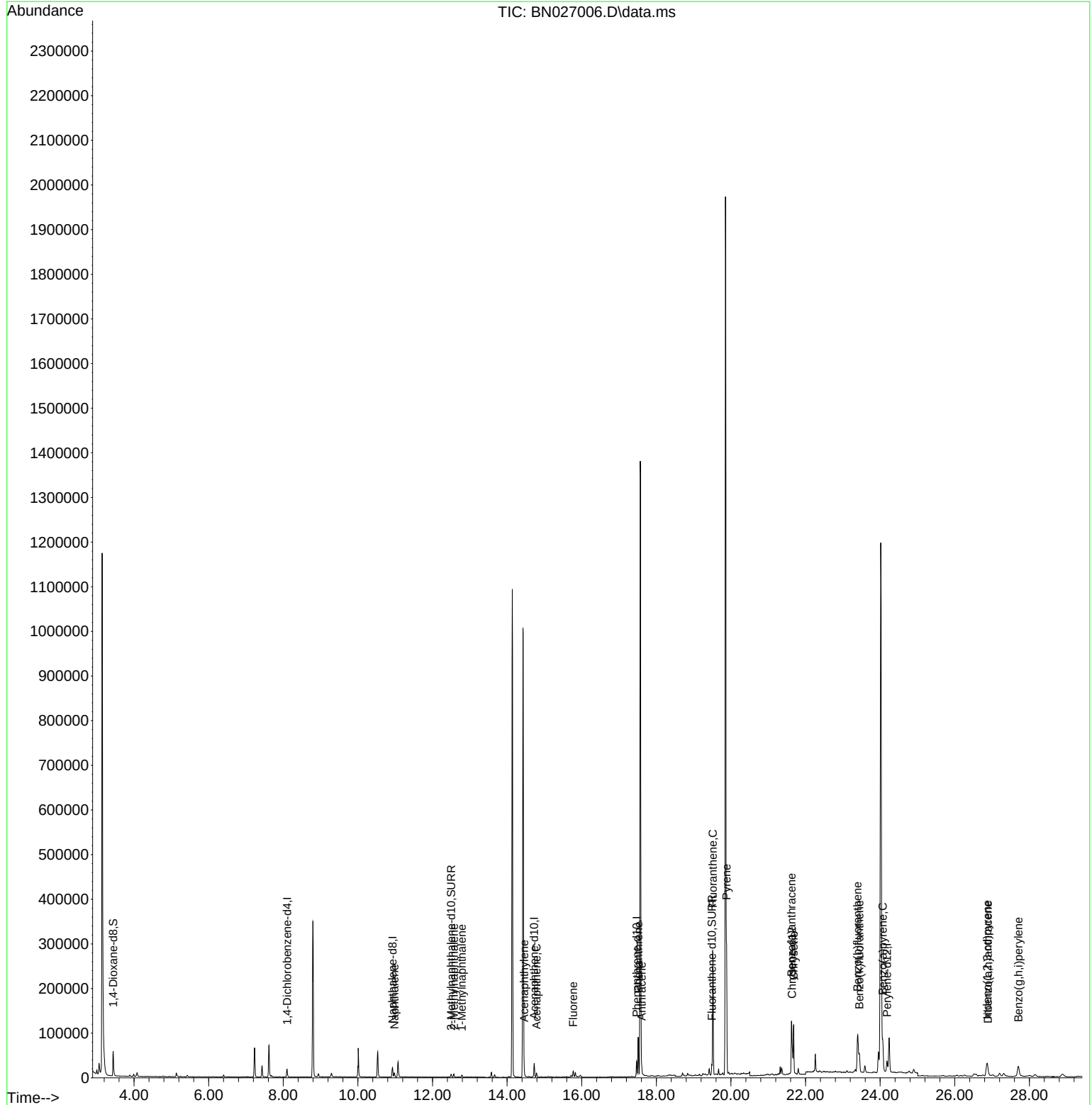
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027006.D
Acq On : 21 Aug 2023 23:59
Operator : MA/JU
Sample : 03967-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

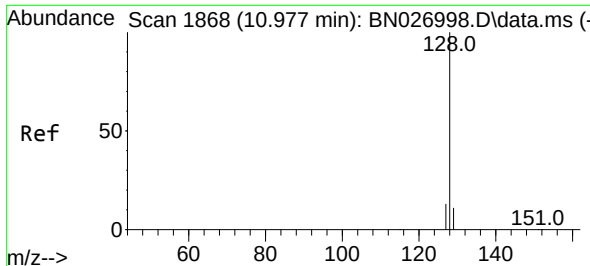
Instrument :
BNA_N
ClientSampleId :
A48M4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

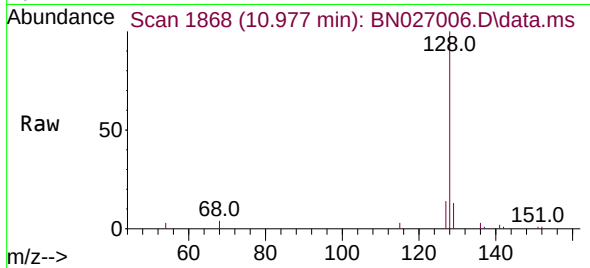
Quant Time: Aug 22 01:40:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.152 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

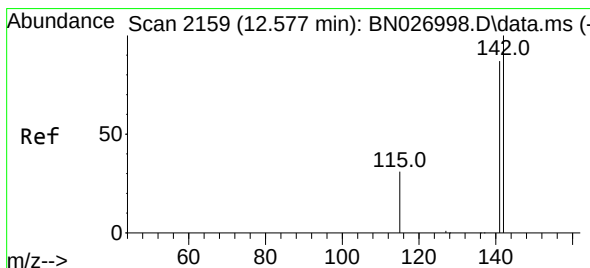
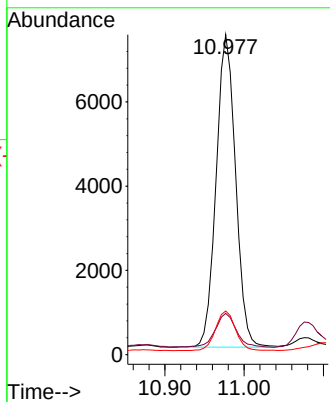
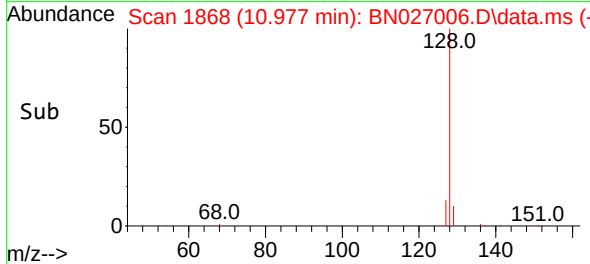
Instrument :
BNA_N
ClientSampleId :
A48M4



Tgt Ion:128 Resp: 12645
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.6 10.5 15.7

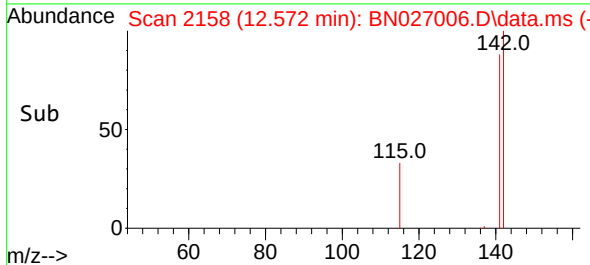
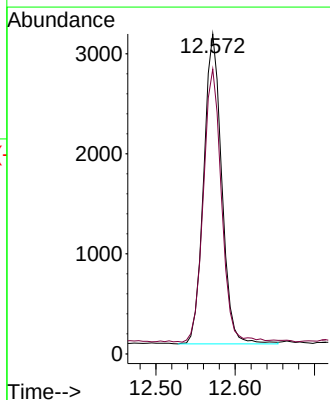
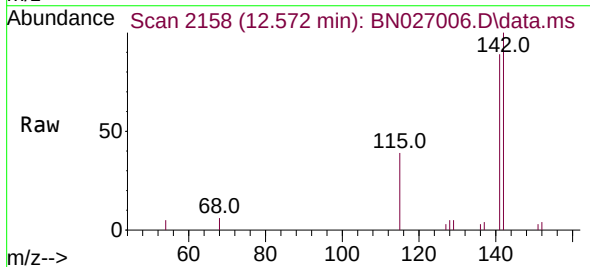
Manual Integrations
APPROVED

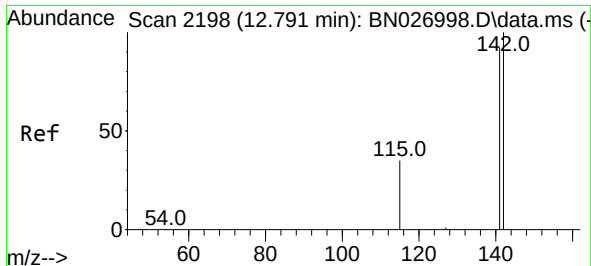
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

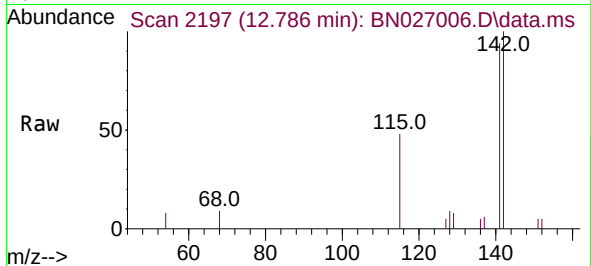
Tgt Ion:142 Resp: 4884
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

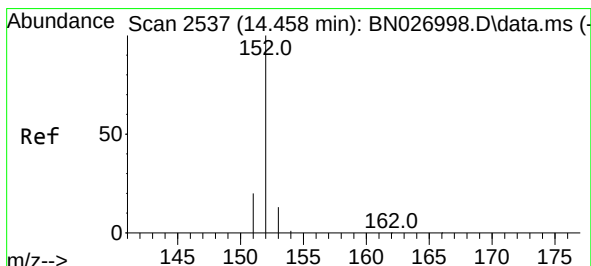
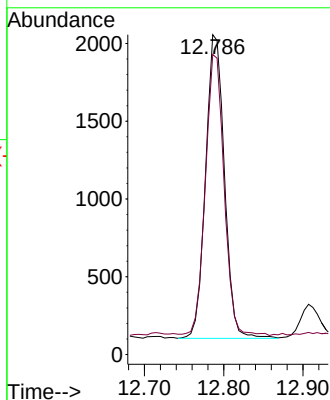
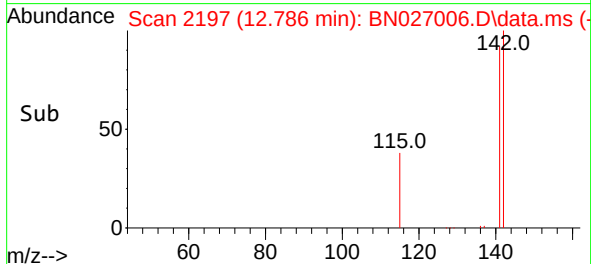
Instrument :
BNA_N
ClientSampleId :
A48M4



Tgt Ion:142 Resp: 3229
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

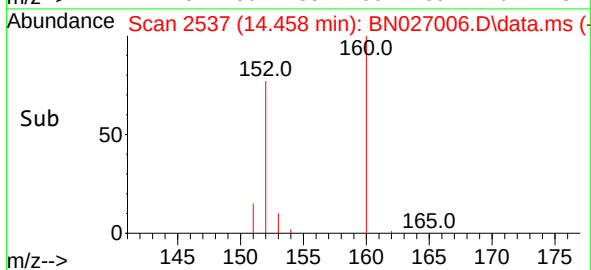
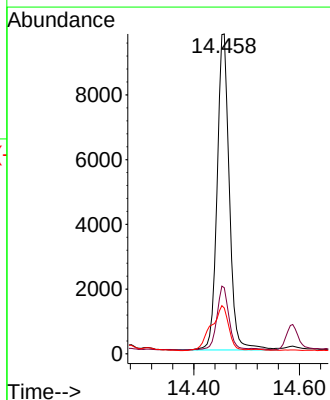
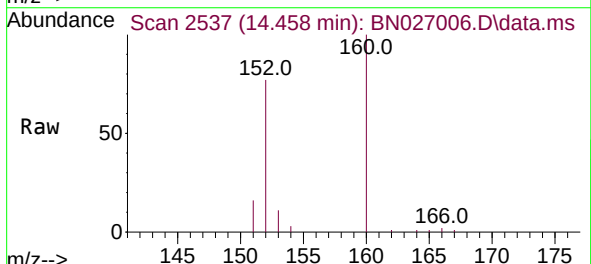
Manual Integrations
APPROVED

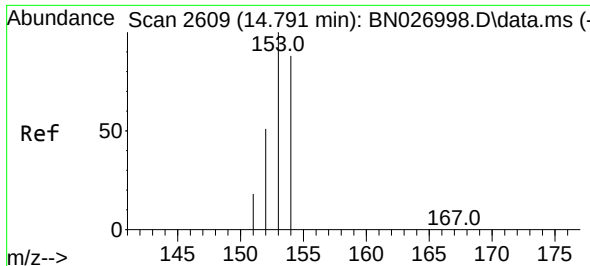
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

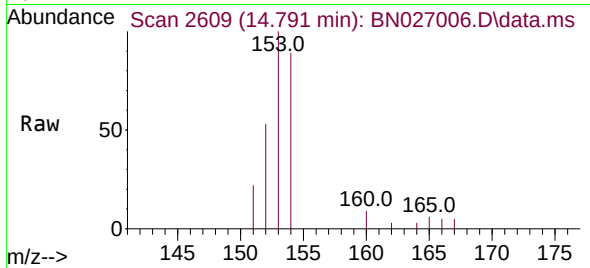
Tgt Ion:152 Resp: 15637
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.3 11.0 16.6





#11
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

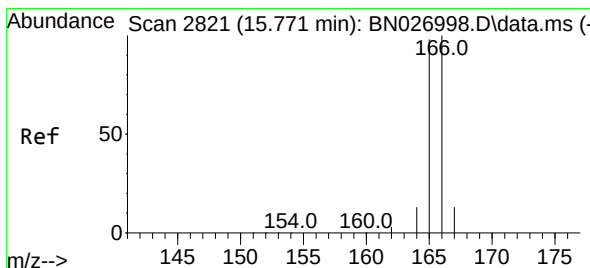
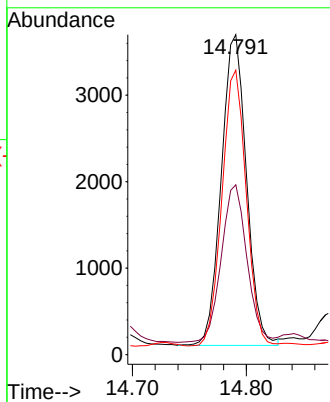
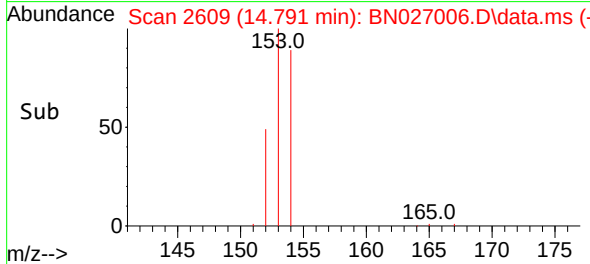
Instrument :
BNA_N
ClientSampleId :
A48M4



Tgt Ion:153 Resp: 5544
Ion Ratio Lower Upper
153 100
152 53.1 41.1 61.7
154 88.9 71.6 107.4

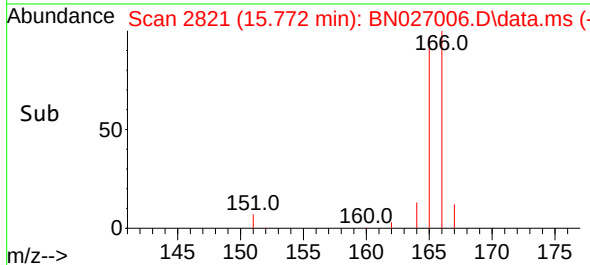
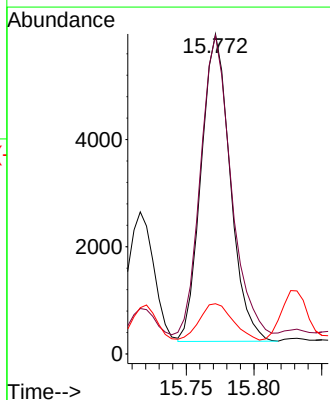
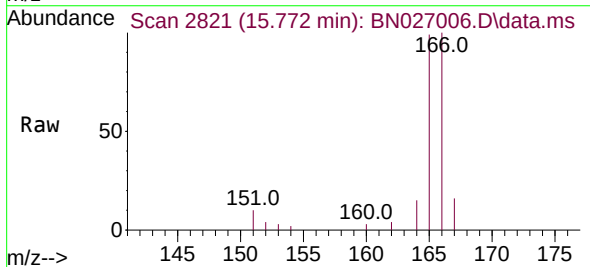
Manual Integrations
APPROVED

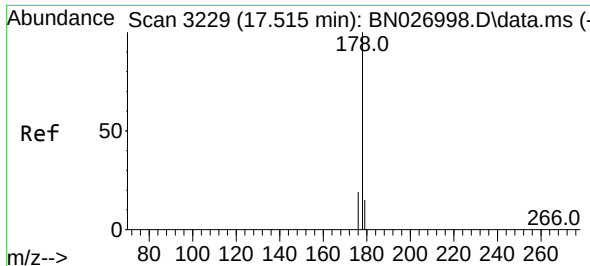
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
Fluorene
Concen: 0.113 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

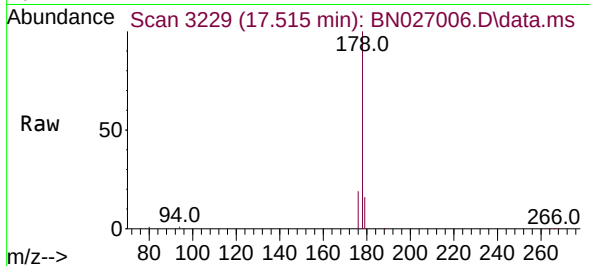
Tgt Ion:166 Resp: 8543
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 15.7 11.4 17.0





#15
Phenanthrene
Concen: 0.710 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

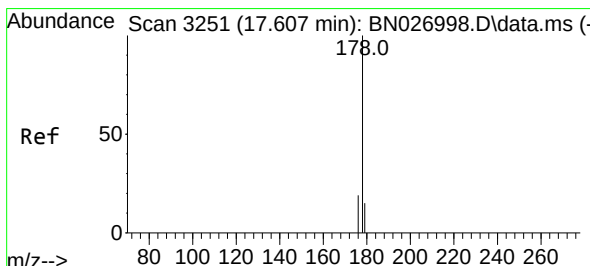
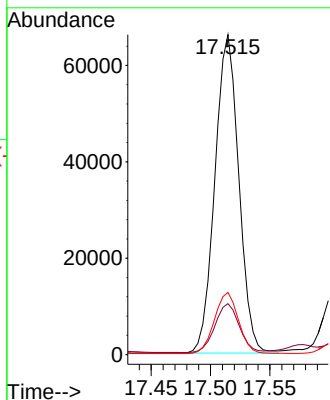
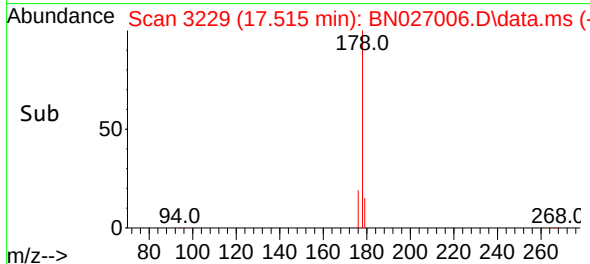
Instrument :
BNA_N
ClientSampleId :
A48M4



Tgt Ion:178 Resp: 92463
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.4 15.4 23.2

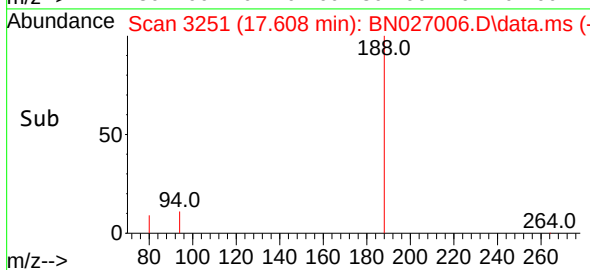
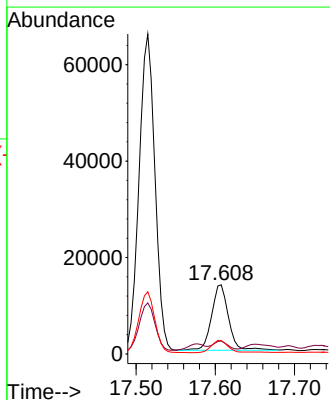
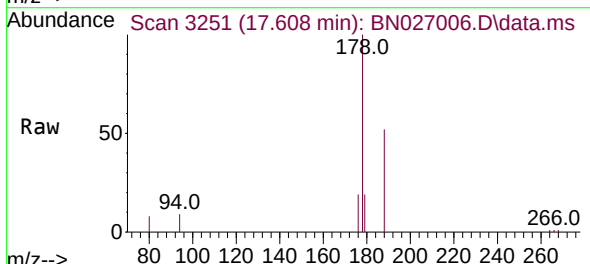
Manual Integrations
APPROVED

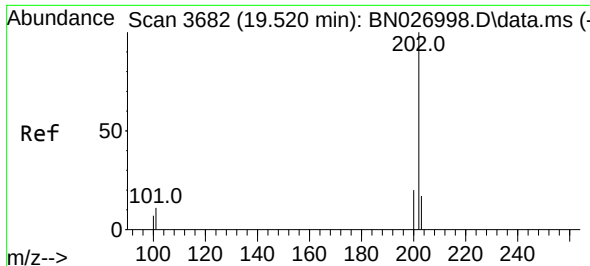
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Tgt Ion:178 Resp: 20192
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 19.4 15.0 22.6





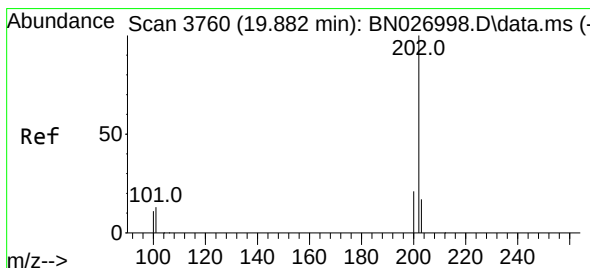
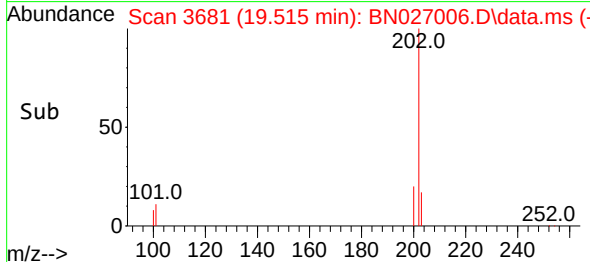
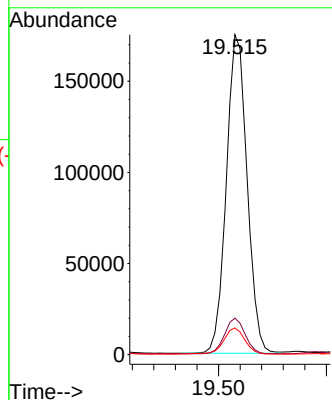
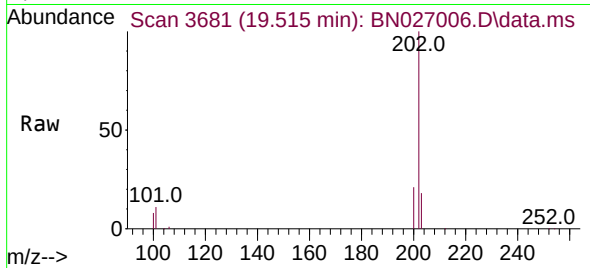
#19
Fluoranthene
Concen: 1.657 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.009 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

Instrument :
BNA_N
ClientSampleId :
A48M4

Tgt Ion:202 Resp: 233536
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.3 6.2 9.2

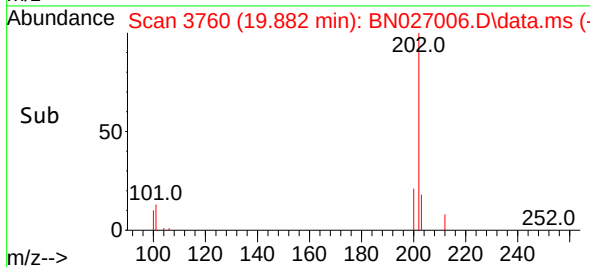
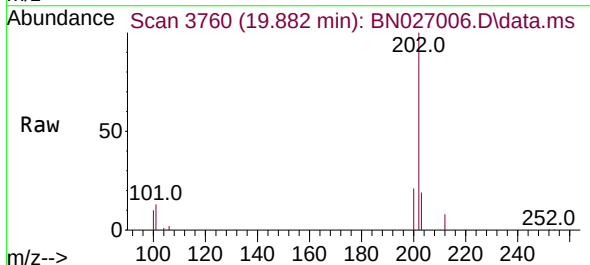
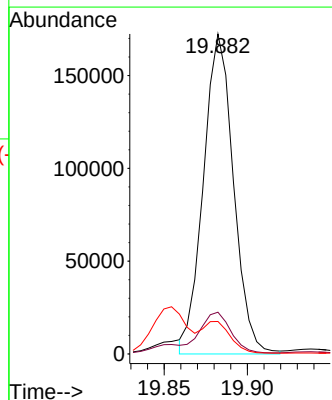
Manual Integrations
APPROVED

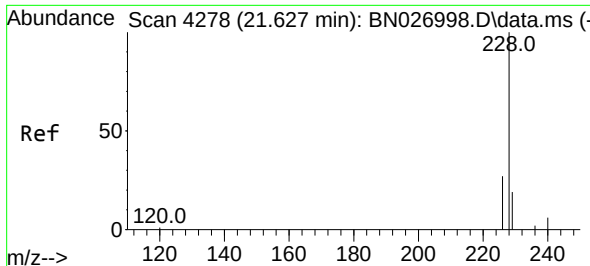
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
Pyrene
Concen: 1.445 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

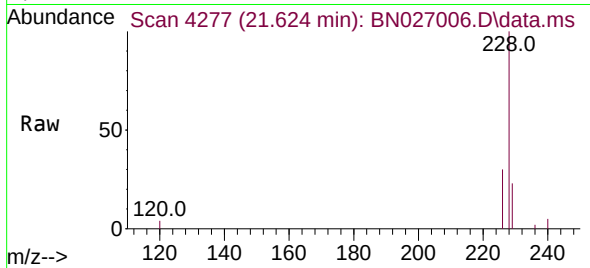
Tgt Ion:202 Resp: 217296
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.1 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.767 ng/ul
RT: 21.624 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

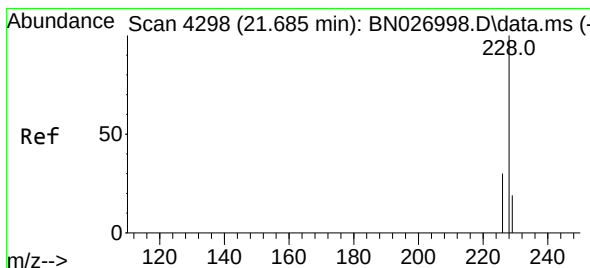
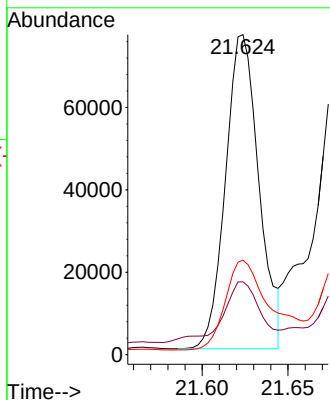
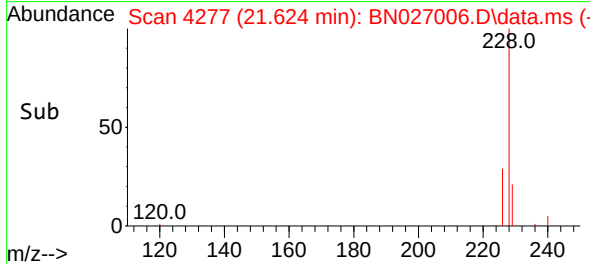
Instrument :
BNA_N
ClientSampleId :
A48M4



Tgt Ion:228 Resp: 103454
Ion Ratio Lower Upper
228 100
229 22.7 16.0 24.0
226 29.5 22.2 33.2

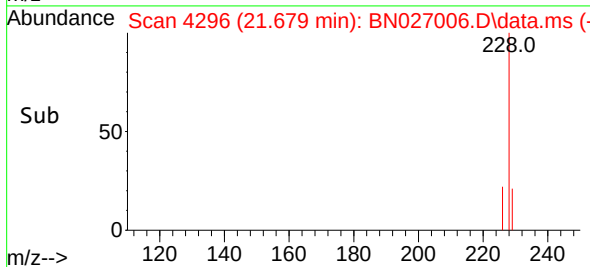
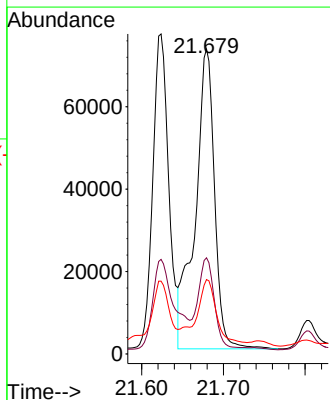
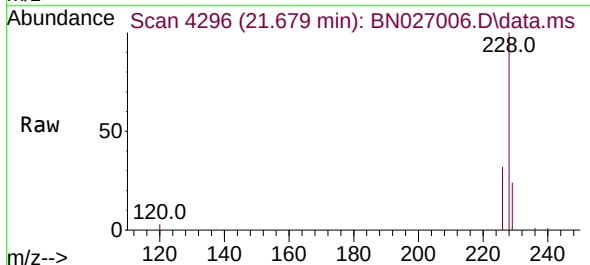
Manual Integrations
APPROVED

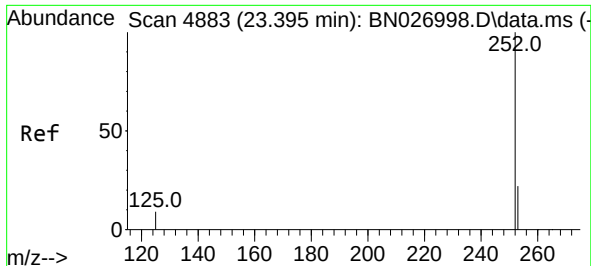
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Chrysene
Concen: 0.906 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

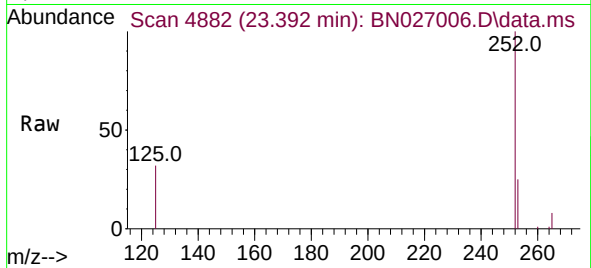
Tgt Ion:228 Resp: 120726
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 24.4 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 1.081 ng/ul m
RT: 23.392 min Scan# 4882
Delta R.T. -0.015 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

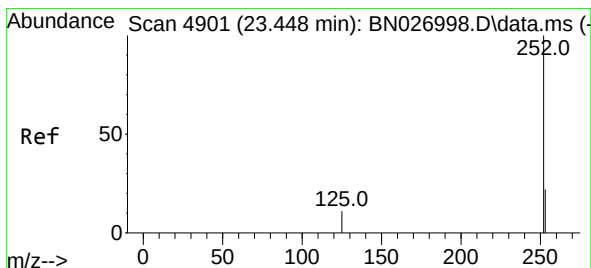
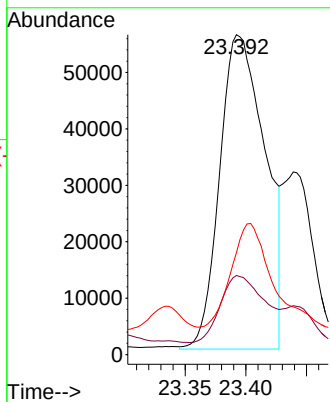
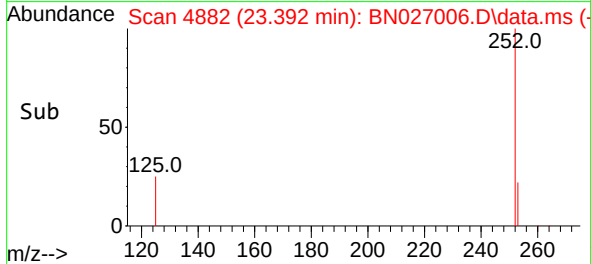
Instrument :
BNA_N
ClientSampleId :
A48M4



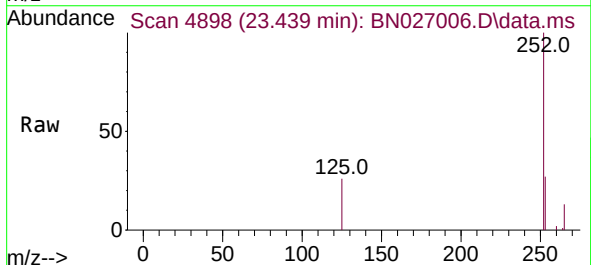
Tgt Ion:252 Resp: 145382
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 31.9 0.0 25.2

Manual Integrations
APPROVED

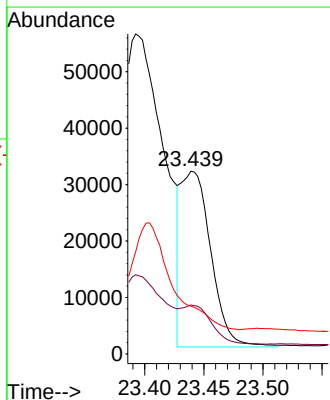
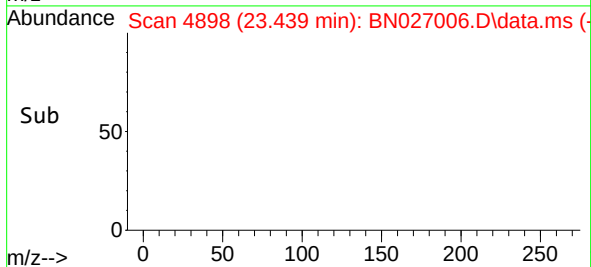
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

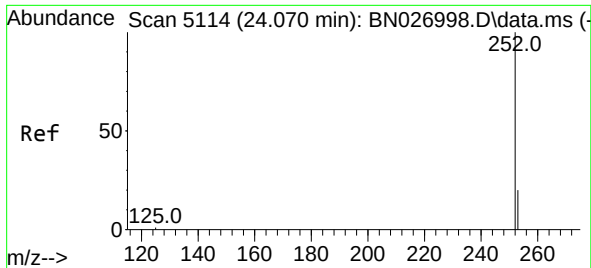


#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul m
RT: 23.439 min Scan# 4898
Delta R.T. -0.021 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59



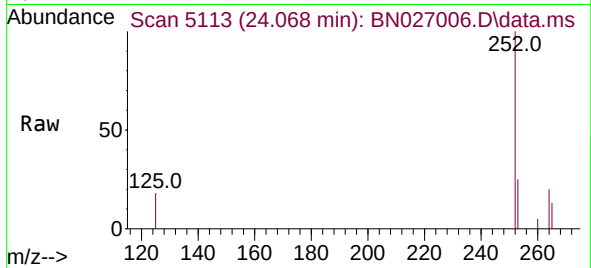
Tgt Ion:252 Resp: 55086
Ion Ratio Lower Upper
252 100
253 26.8 18.2 27.4
125 26.2 9.9 14.9





#26
Benzo(a)pyrene
Concen: 0.806 ng/ul
RT: 24.068 min Scan# 5114
Delta R.T. -0.018 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

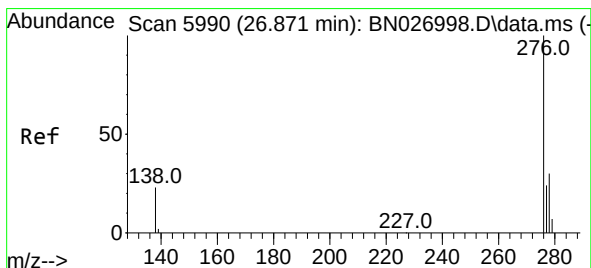
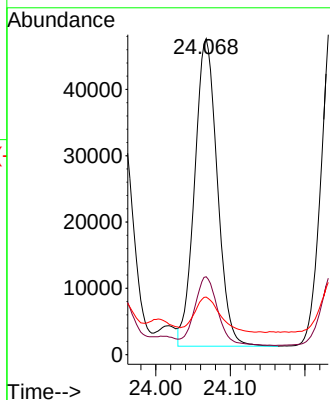
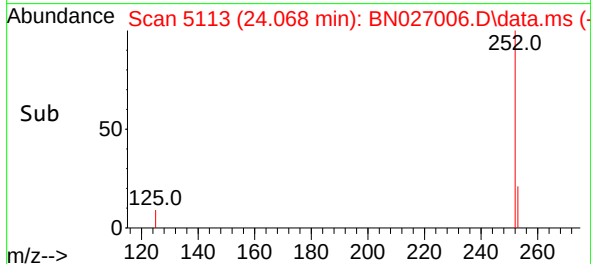
Instrument :
BNA_N
ClientSampleId :
A48M4



Tgt Ion:252 Resp: 97810
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.6
125 18.2 11.4 17.0

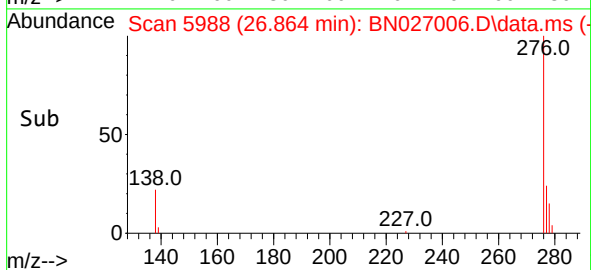
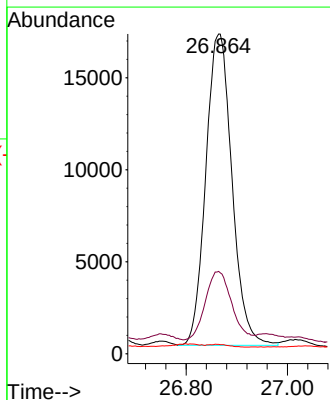
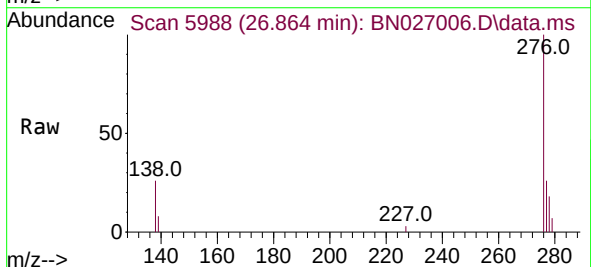
Manual Integrations
APPROVED

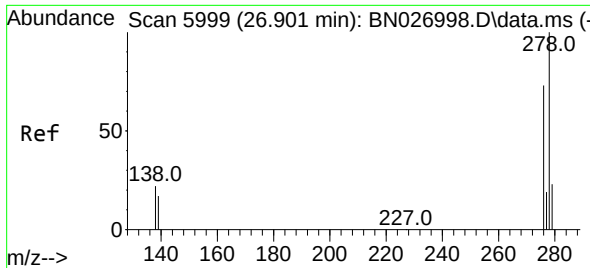
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.864 min Scan# 5988
Delta R.T. -0.021 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

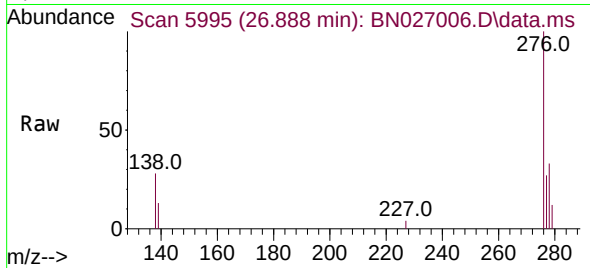
Tgt Ion:276 Resp: 60642
Ion Ratio Lower Upper
276 100
138 25.3 21.6 32.4
227 0.7 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.888 min Scan# 5999
Delta R.T. -0.034 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59

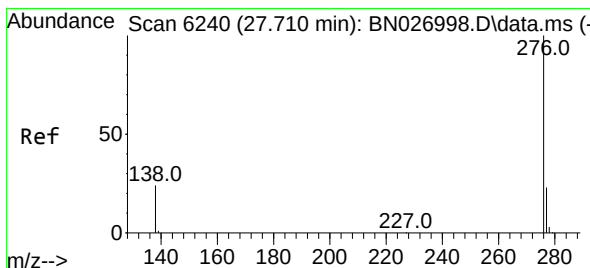
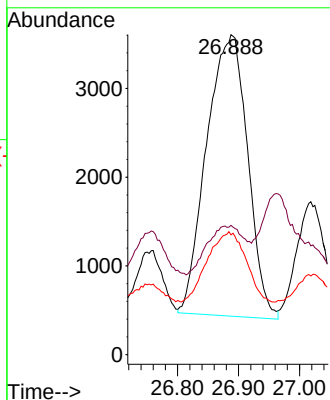
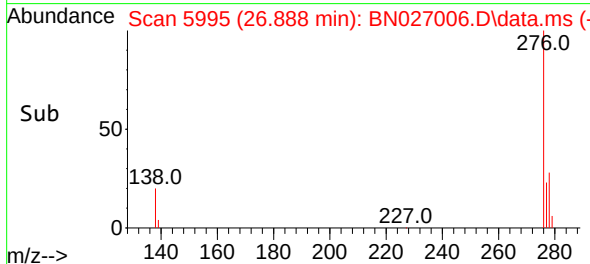
Instrument :
BNA_N
ClientSampleId :
A48M4



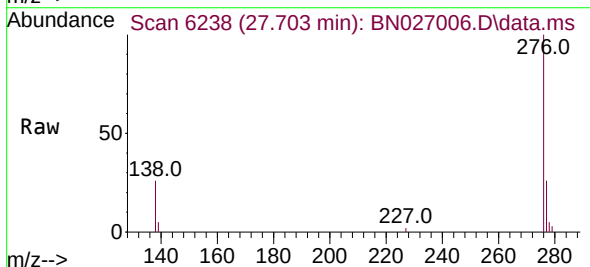
Tgt Ion:278 Resp: 14815
Ion Ratio Lower Upper
278 100
139 40.4 15.7 23.5
279 37.5 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.703 min Scan# 6238
Delta R.T. -0.021 min
Lab File: BN027006.D
Acq: 21 Aug 2023 23:59



Tgt Ion:276 Resp: 57854
Ion Ratio Lower Upper
276 100
138 26.1 19.3 28.9
277 25.7 19.8 29.8

