

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033163.D
 Acq On : 01 Aug 2024 11:20
 Operator : MA/JU
 Sample : P3265-08DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D41DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 01 12:09:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.491	152	2448	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.268	136	7783	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	4482	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.899	188	9569	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	8583	0.400	ng/ul	-0.02
23) Perylene-d12	23.311	264	8165m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1784	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	385	0.030	ng/ul	-0.03
18) Fluoranthene-d10	18.940	212	1195	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.323	128	1848	0.092	ng/ul#	84
7) 2-Methylnaphthalene	11.978	142	611	0.045	ng/ul	97
8) 1-Methylnaphthalene	12.181	142	549	0.037	ng/ul	100
10) Acenaphthylene	13.856	152	3056	0.167	ng/ul	94
11) Acenaphthene	14.203	153	3432	0.249	ng/ul	100
12) Fluorene	15.207	166	3952	0.246	ng/ul	98
15) Phenanthrene	16.941	178	82077	3.198	ng/ul	97
16) Anthracene	17.038	178	17301	0.750	ng/ul	96
19) Fluoranthene	18.973	202	156571	5.540	ng/ul	96
20) Pyrene	19.340	202	121372	4.005	ng/ul	96
21) Benzo(a)anthracene	21.114	228	63500	2.169	ng/ul	99
22) Chrysene	21.166	228	61590	1.803	ng/ul	99
24) Benzo(b)fluoranthene	22.657	252	83942m	3.519	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	32872m	1.150	ng/ul	
26) Benzo(a)pyrene	23.215	252	37555	1.673	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.504	276	32087	0.940	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.494	278	8969	0.332	ng/ul	94
29) Benzo(g,h,i)perylene	26.185	276	4950	0.183	ng/ul#	85

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

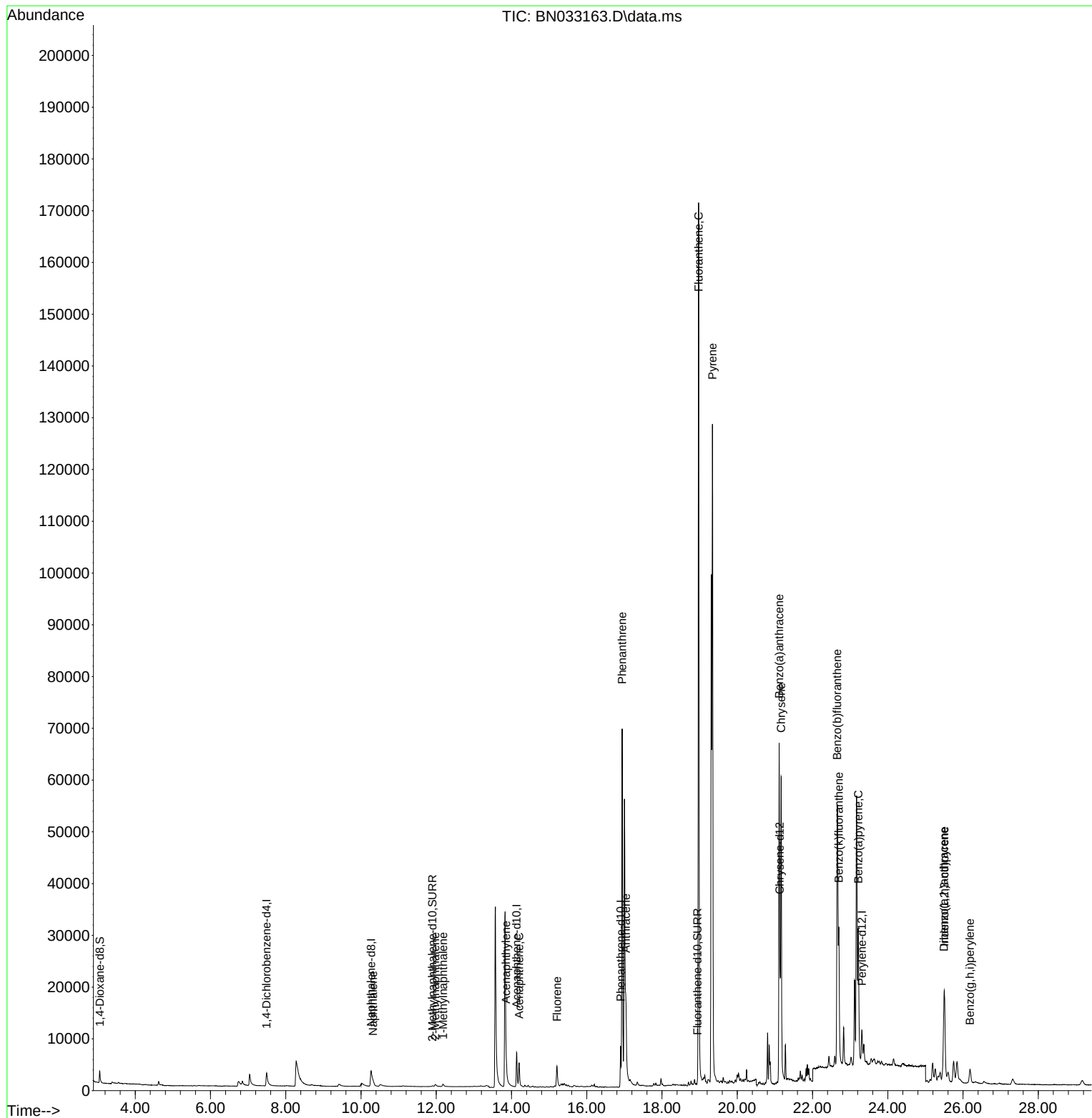
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033163.D
Acq On : 01 Aug 2024 11:20
Operator : MA/JU
Sample : P3265-08DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

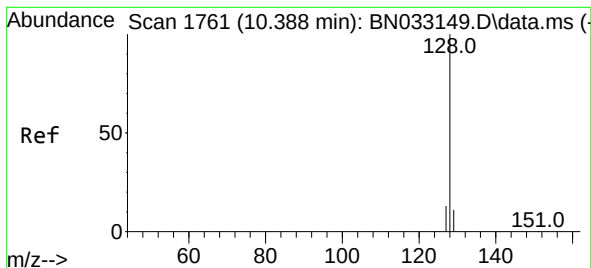
Instrument :
BNA_N
ClientSampleId :
A4D41DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024

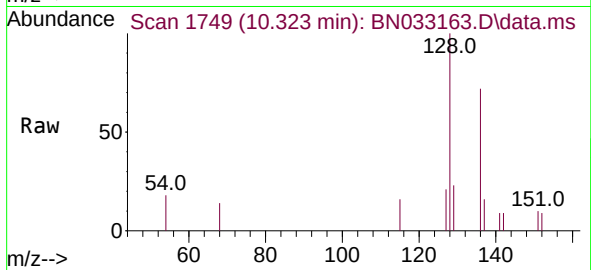
Quant Time: Aug 01 12:09:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.323 min Scan# 1761
Delta R.T. -0.055 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

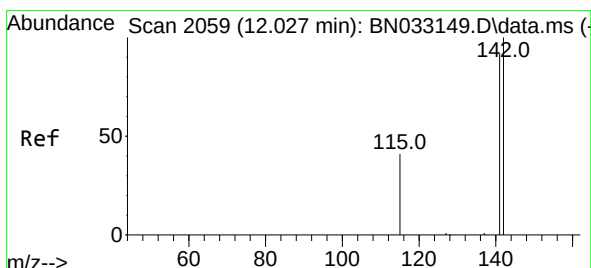
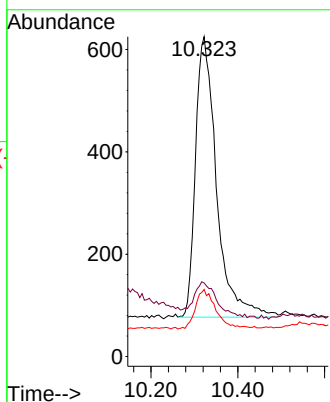
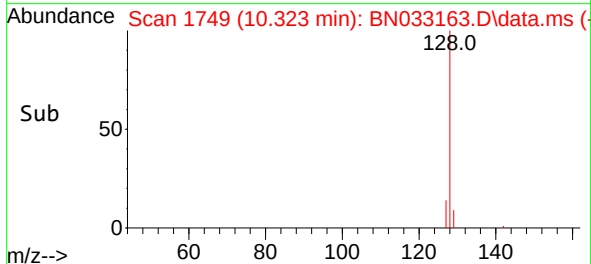
Instrument :
BNA_N
ClientSampleId :
A4D41DL



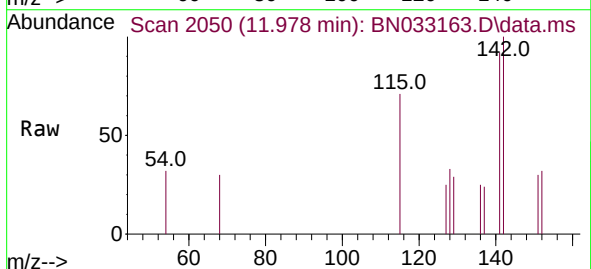
Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
129 23.0 12.0 18.0
127 21.0 12.7 19.1

Manual Integrations
APPROVED

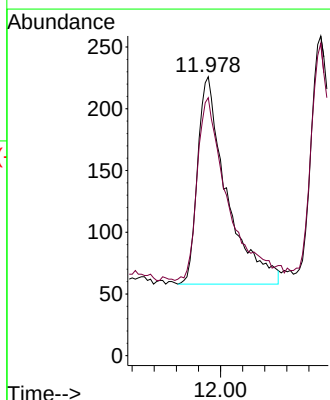
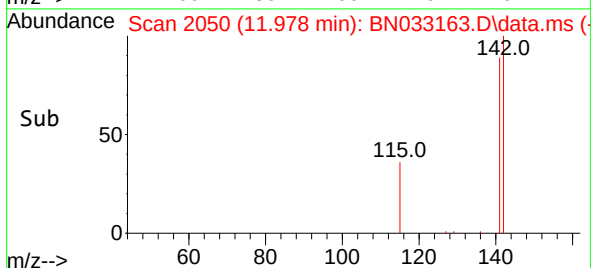
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024

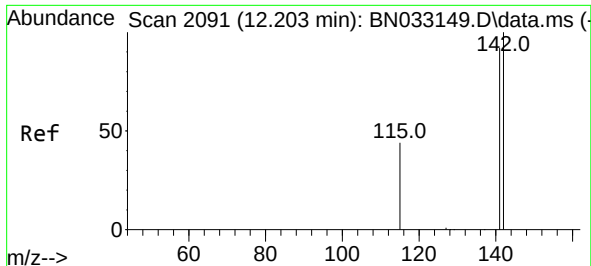


#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.027 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20



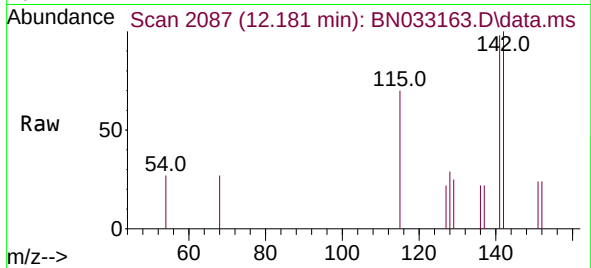
Tgt Ion:142 Resp: 611
Ion Ratio Lower Upper
142 100
141 91.2 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.181 min Scan# 2091
Delta R.T. -0.016 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

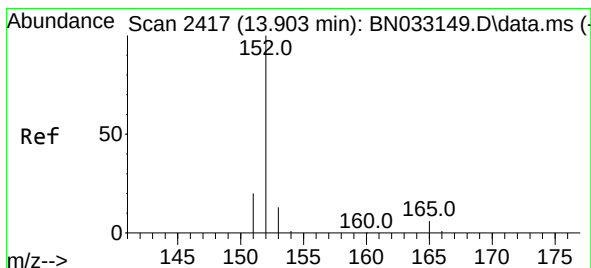
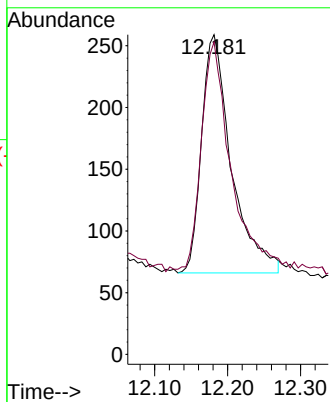
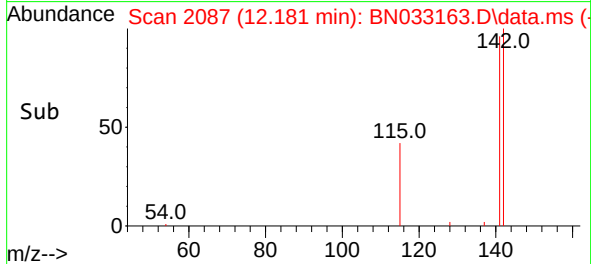
Instrument :
BNA_N
ClientSampleId :
A4D41DL



Tgt Ion:142 Resp: 549
Ion Ratio Lower Upper
142 100
141 92.5 74.3 111.5

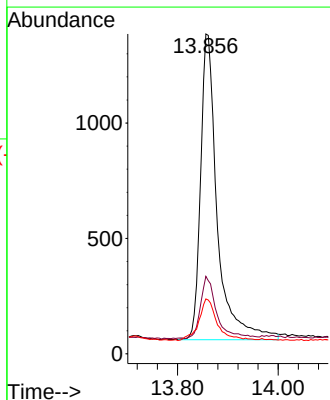
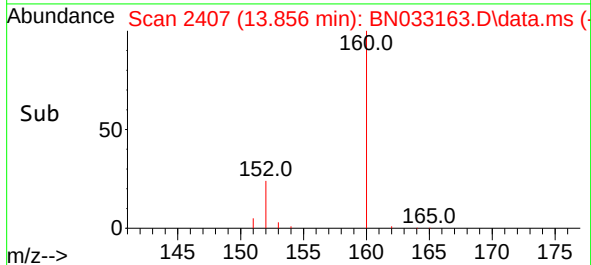
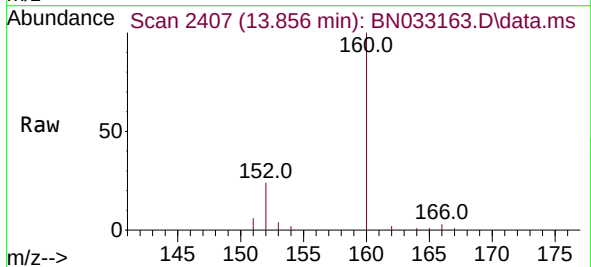
Manual Integrations
APPROVED

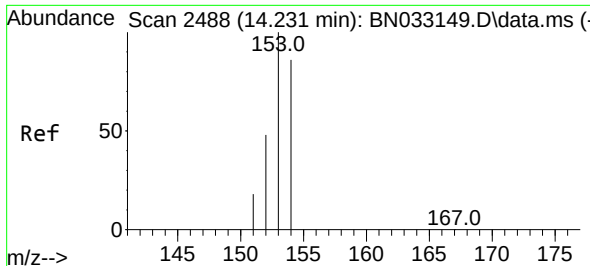
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

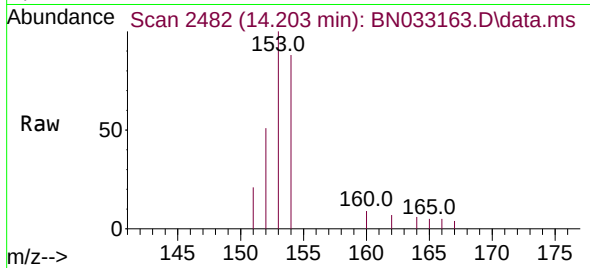
Tgt Ion:152 Resp: 3056
Ion Ratio Lower Upper
152 100
151 24.2 16.8 25.2
153 17.2 11.9 17.9





#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.203 min Scan# 2482
Delta R.T. -0.023 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

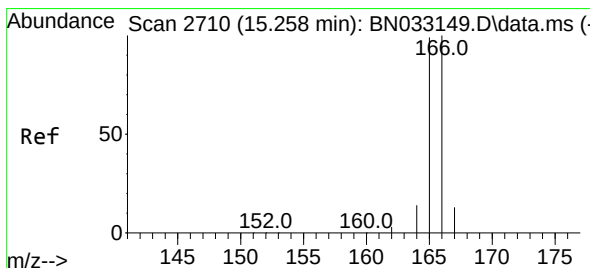
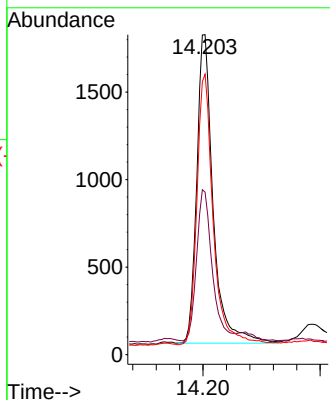
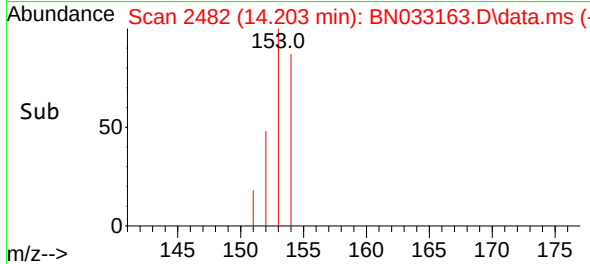
Instrument :
BNA_N
ClientSampleId :
A4D41DL



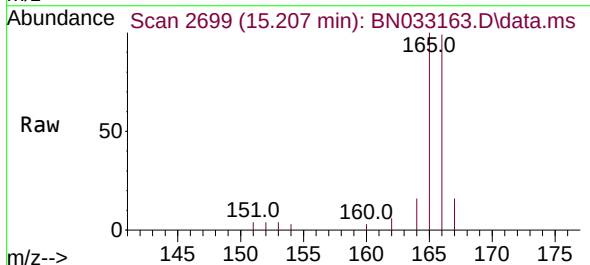
Tgt Ion:153 Resp: 3432
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.6 70.1 105.1

Manual Integrations
APPROVED

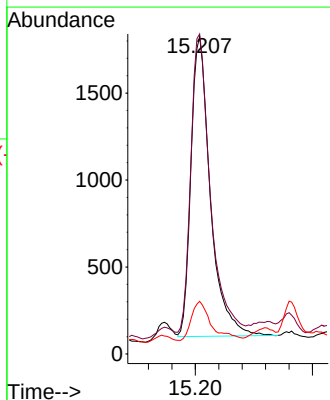
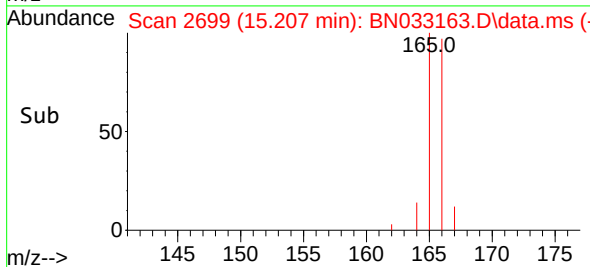
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024

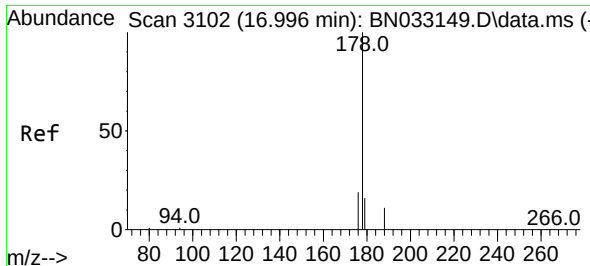


#12
Fluorene
Concen: 0.246 ng/ul
RT: 15.207 min Scan# 2699
Delta R.T. -0.041 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20



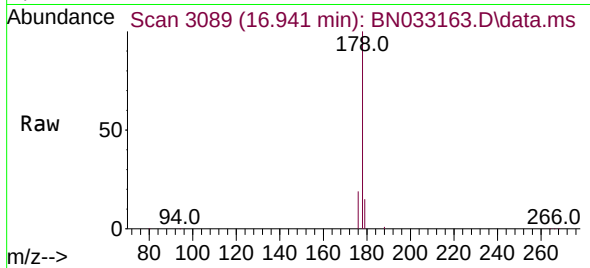
Tgt Ion:166 Resp: 3952
Ion Ratio Lower Upper
166 100
165 100.8 79.6 119.4
167 16.6 12.2 18.4





#15
Phenanthrene
Concen: 3.198 ng/u1
RT: 16.941 min Scan# 3089
Delta R.T. -0.042 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

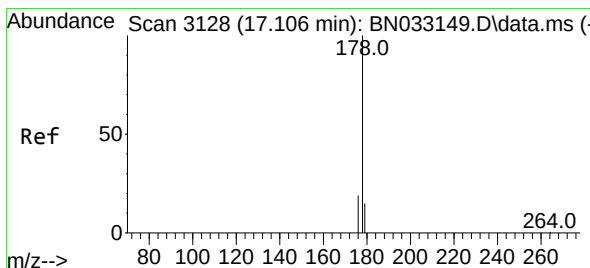
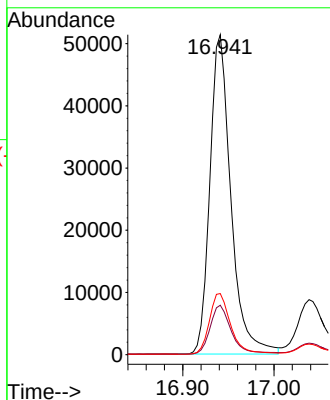
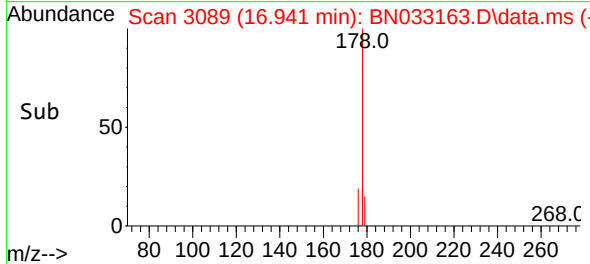
Instrument :
BNA_N
ClientSampleId :
A4D41DL



Tgt Ion:178 Resp: 8207
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.1 15.9 23.9

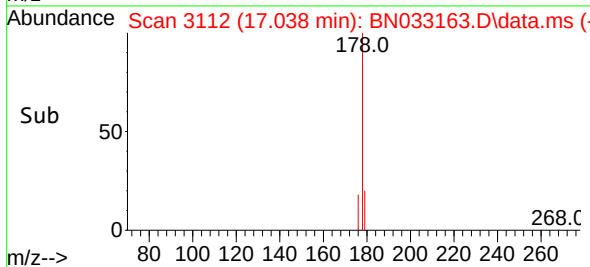
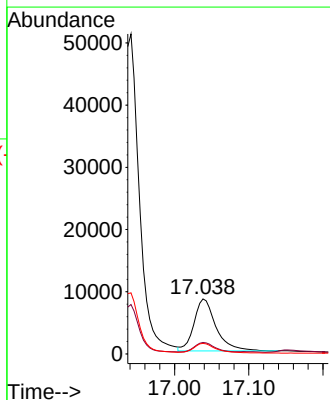
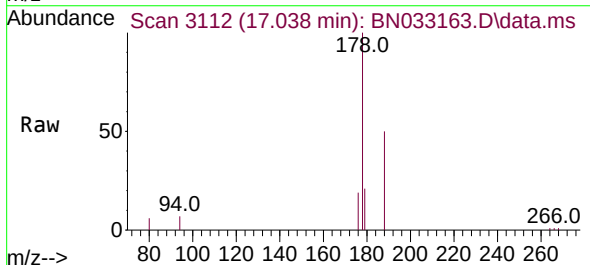
Manual Integrations
APPROVED

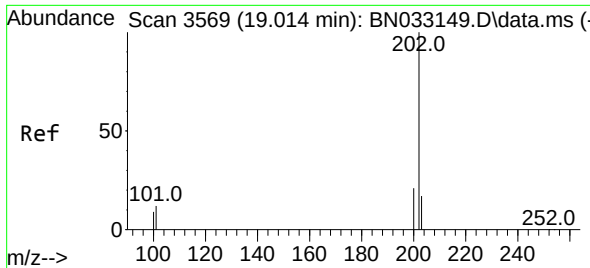
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024



#16
Anthracene
Concen: 0.750 ng/u1
RT: 17.038 min Scan# 3112
Delta R.T. -0.050 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

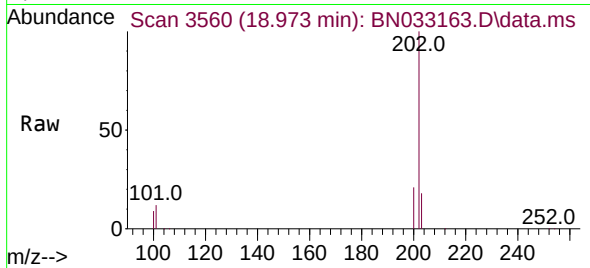
Tgt Ion:178 Resp: 17301
Ion Ratio Lower Upper
178 100
179 20.9 14.3 21.5
176 19.2 15.8 23.8





#19
Fluoranthene
Concen: 5.540 ng/u1
RT: 18.973 min Scan# 3569
Delta R.T. -0.032 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

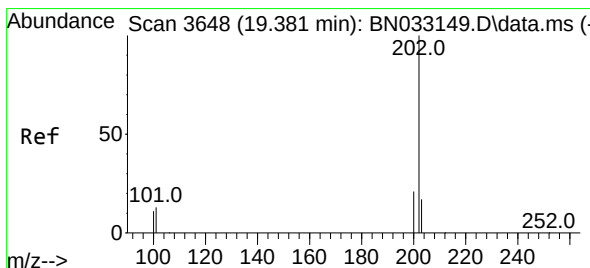
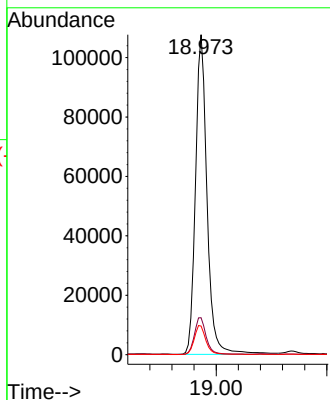
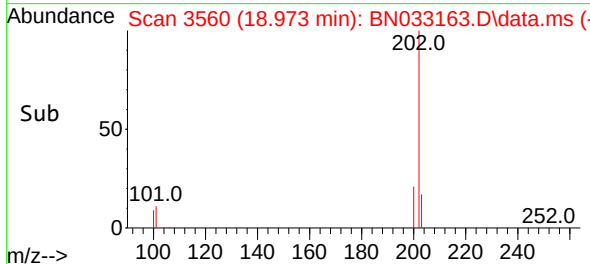
Instrument :
BNA_N
ClientSampleId :
A4D41DL



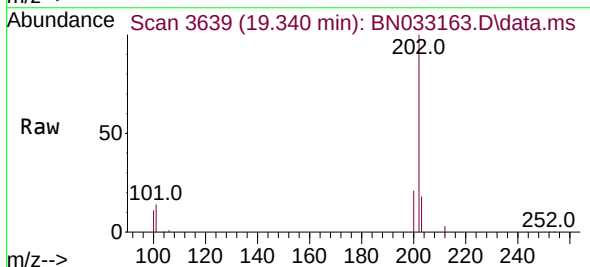
Tgt Ion:202 Resp: 156572
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 9.0 8.3 12.5

Manual Integrations
APPROVED

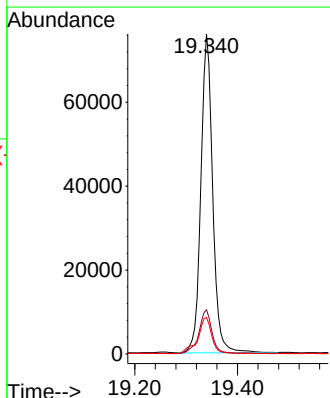
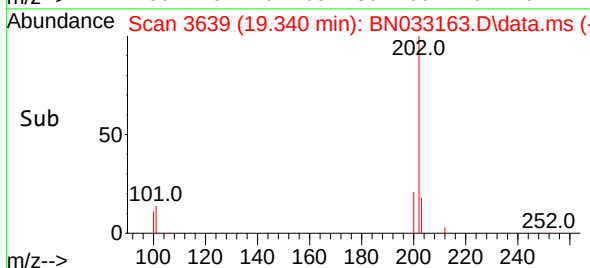
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024

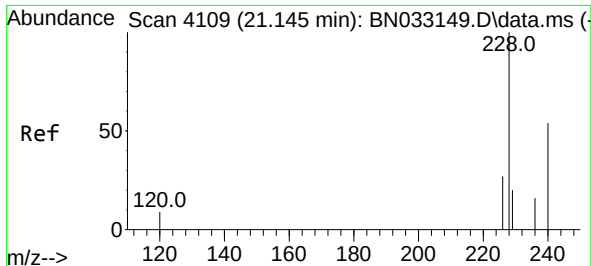


#20
Pyrene
Concen: 4.005 ng/u1
RT: 19.340 min Scan# 3639
Delta R.T. -0.032 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20



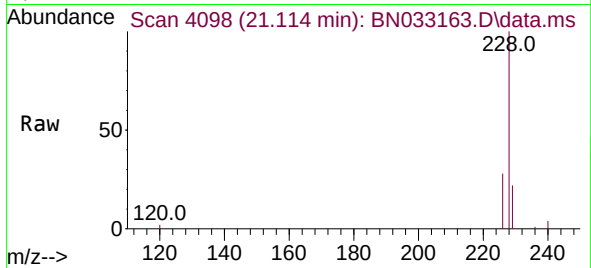
Tgt Ion:202 Resp: 121372
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.4 9.9 14.9





#21
Benzo(a)anthracene
Concen: 2.169 ng/ul
RT: 21.114 min Scan# 4109
Delta R.T. -0.023 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

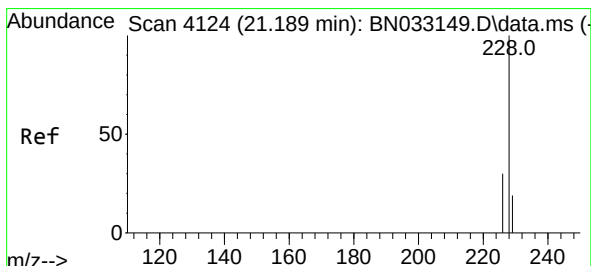
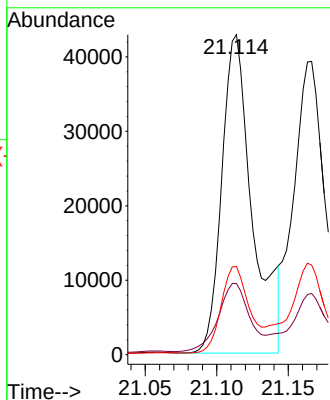
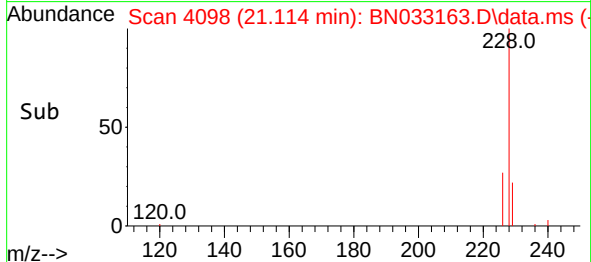
Instrument :
BNA_N
ClientSampleId :
A4D41DL



Tgt Ion:228 Resp: 63500
Ion Ratio Lower Upper
228 100
229 22.2 17.1 25.7
226 27.6 22.4 33.6

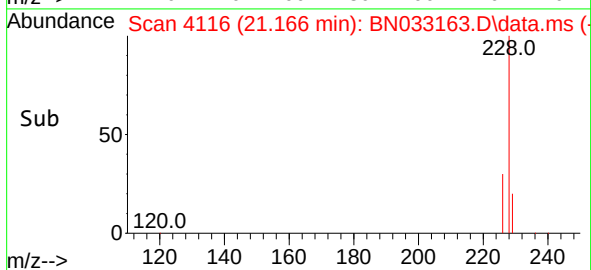
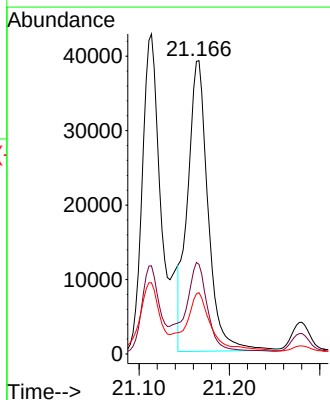
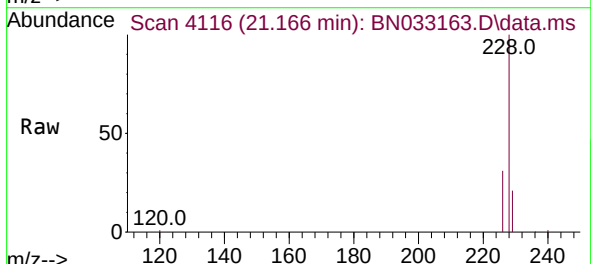
Manual Integrations
APPROVED

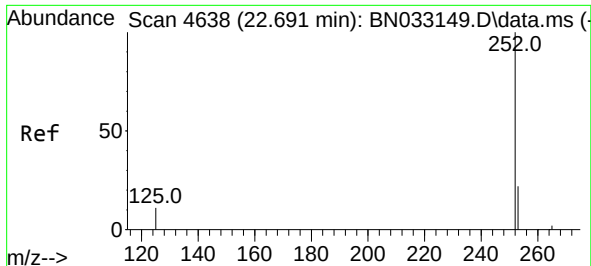
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 1.803 ng/ul
RT: 21.166 min Scan# 4116
Delta R.T. -0.023 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

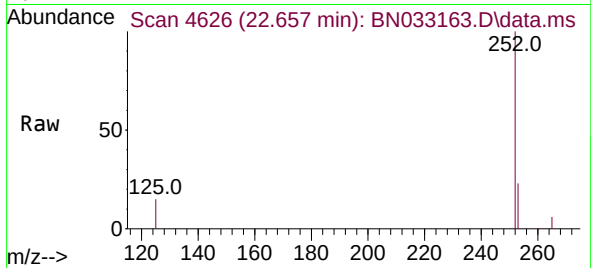
Tgt Ion:228 Resp: 61590
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 20.9 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 3.519 ng/ul m
RT: 22.657 min Scan# 4626
Delta R.T. -0.026 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

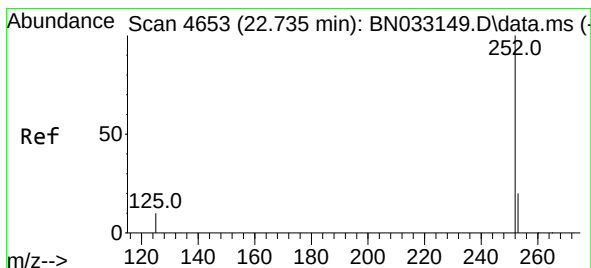
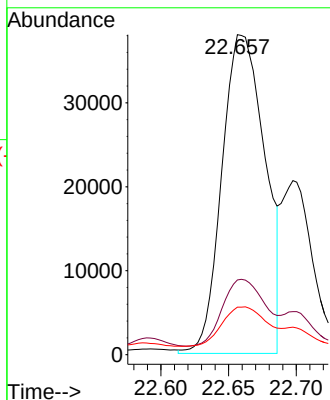
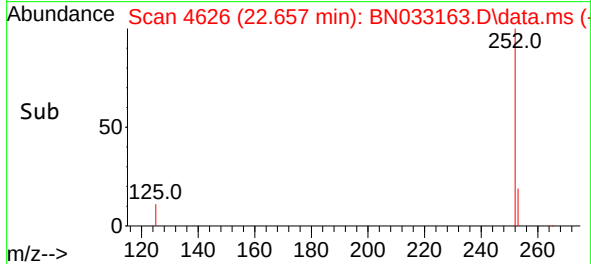
Instrument :
BNA_N
ClientSampleId :
A4D41DL



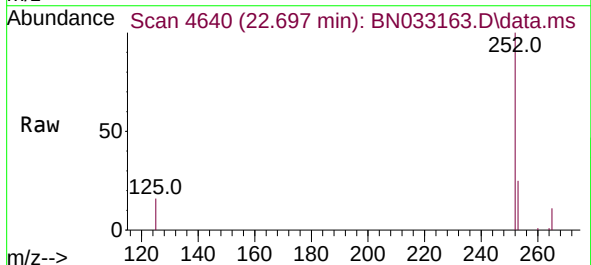
Tgt Ion:252 Resp: 8394
Ion Ratio Lower Upper
252 100
253 23.3 0.0 60.6
125 14.8 0.0 51.0

Manual Integrations
APPROVED

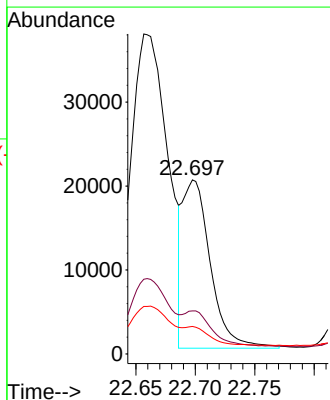
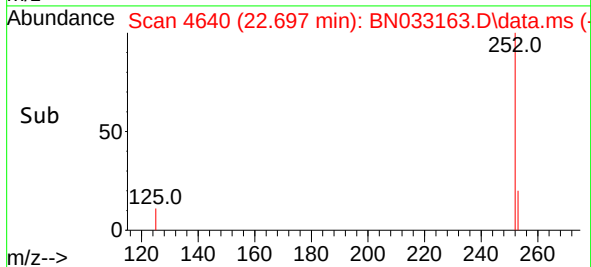
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024

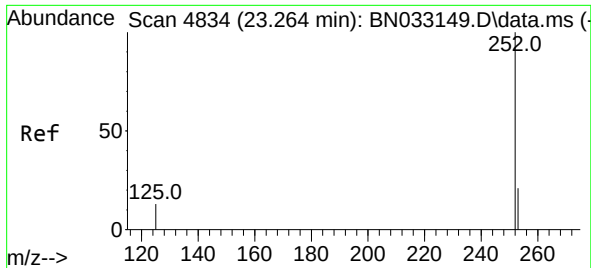


#25
Benzo(k)fluoranthene
Concen: 1.150 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.029 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20



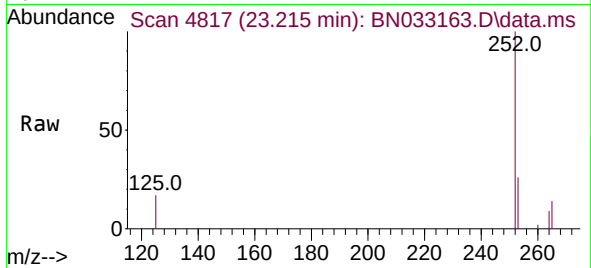
Tgt Ion:252 Resp: 32872
Ion Ratio Lower Upper
252 100
253 24.7 24.9 37.3#
125 15.9 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 1.673 ng/ul
RT: 23.215 min Scan# 4817
Delta R.T. -0.034 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

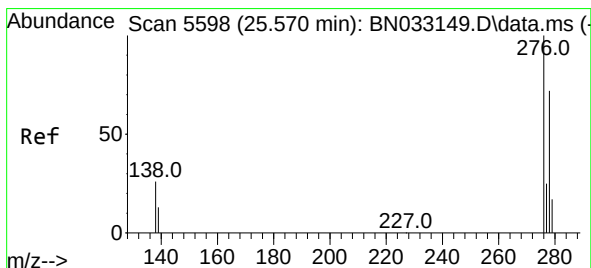
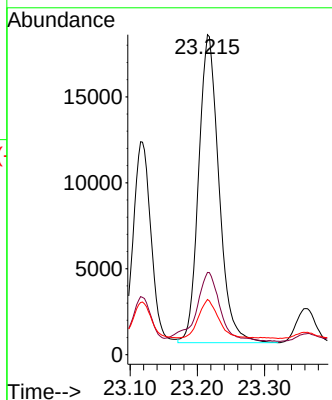
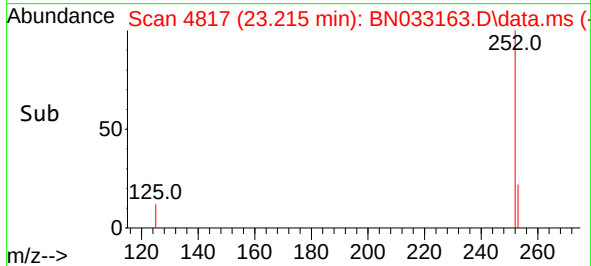
Instrument :
BNA_N
ClientSampleId :
A4D41DL



Tgt Ion:252 Resp: 3755
Ion Ratio Lower Upper
252 100
253 25.7 27.5 41.3#
125 17.2 27.0 40.6#

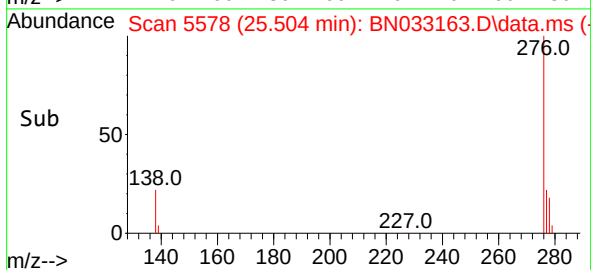
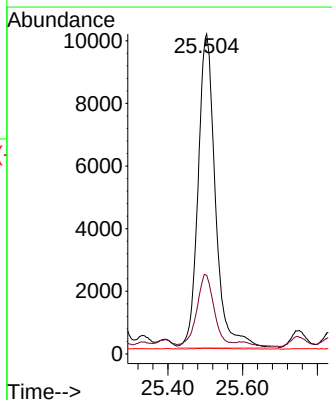
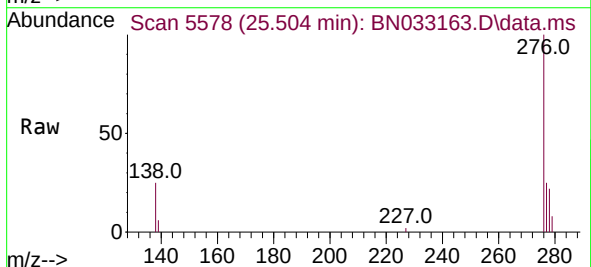
Manual Integrations
APPROVED

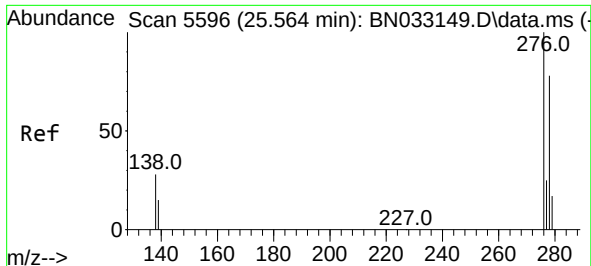
Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.940 ng/ul
RT: 25.504 min Scan# 5578
Delta R.T. -0.036 min
Lab File: BN033163.D
Acq: 01 Aug 2024 11:20

Tgt Ion:276 Resp: 32087
Ion Ratio Lower Upper
276 100
138 21.4 21.8 32.8#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.332 ng/ul

RT: 25.494 min Scan# 51

Delta R.T. -0.046 min

Lab File: BN033163.D

Acq: 01 Aug 2024 11:20

Instrument :

BNA_N

ClientSampleId :

A4D41DL

Tgt Ion:278 Resp: 896

Ion Ratio Lower Upper

278 100

139 29.1 22.5 33.7

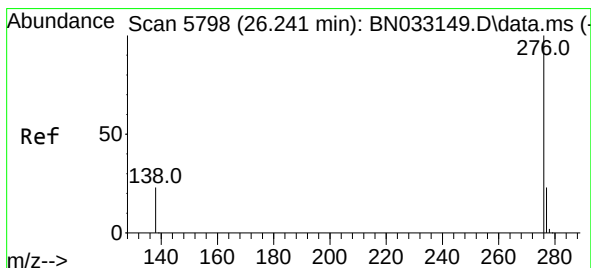
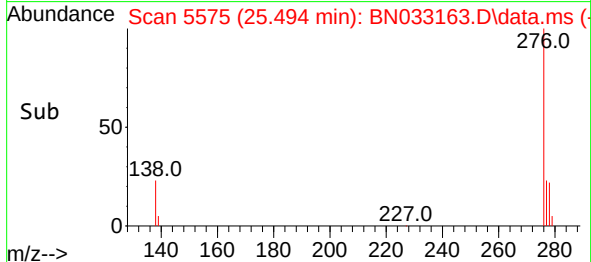
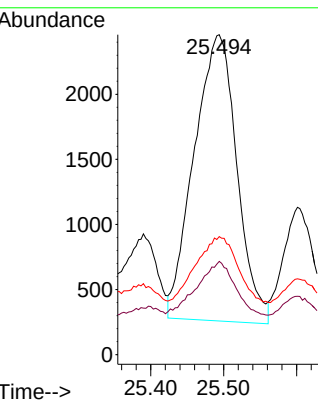
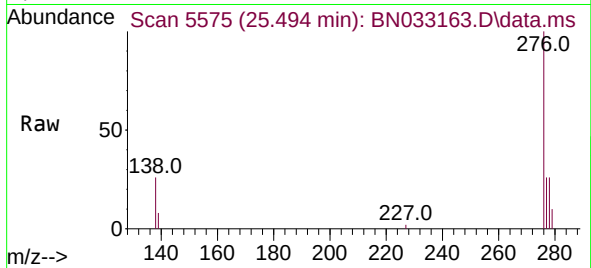
279 36.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/02/2024

Supervised By :mohammad ahmed 08/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.183 ng/ul

RT: 26.185 min Scan# 5781

Delta R.T. -0.033 min

Lab File: BN033163.D

Acq: 01 Aug 2024 11:20

Tgt Ion:276 Resp: 4950

Ion Ratio Lower Upper

276 100

138 37.8 24.6 37.0#

277 37.0 22.6 34.0#

