

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
 Data File : BN029580.D
 Acq On : 08 Feb 2024 16:35
 Operator : MA/JU
 Sample : P1303-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FJ1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 17:14:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:17:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	5449	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	14680	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	6591	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.276	188	12704	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	10371	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	11667	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	32427	4.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	5243	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	9118	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.733	128	1827	0.044	ng/ul#	89
7) 2-Methylnaphthalene	12.350	142	1119	0.047	ng/ul	96
8) 1-Methylnaphthalene	12.569	142	584	0.024	ng/ul	93
10) Acenaphthylene	14.247	152	2231	0.069	ng/ul#	88
11) Acenaphthene	14.590	153	2240	0.092	ng/ul	98
12) Fluorene	15.580	166	2498	0.098	ng/ul#	98
15) Phenanthrene	17.318	178	83063	2.093	ng/ul	99
16) Anthracene	17.411	178	18777	0.562	ng/ul	99
19) Fluoranthene	19.341	202	198068	4.158	ng/ul	99
20) Pyrene	19.704	202	161782	3.314	ng/ul	100
21) Benzo(a)anthracene	21.460	228	78846	2.109	ng/ul	100
22) Chrysene	21.512	228	84700	2.070	ng/ul	98
24) Benzo(b)fluoranthene	23.132	252	99756m	2.273	ng/ul	
25) Benzo(k)fluoranthene	23.173	252	45748m	0.940	ng/ul	
26) Benzo(a)pyrene	23.746	252	65014	1.575	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.300	276	45266	0.904	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.314	278	10717	0.273	ng/ul	96
29) Benzo(g,h,i)perylene	27.048	276	41871	0.921	ng/ul	97

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

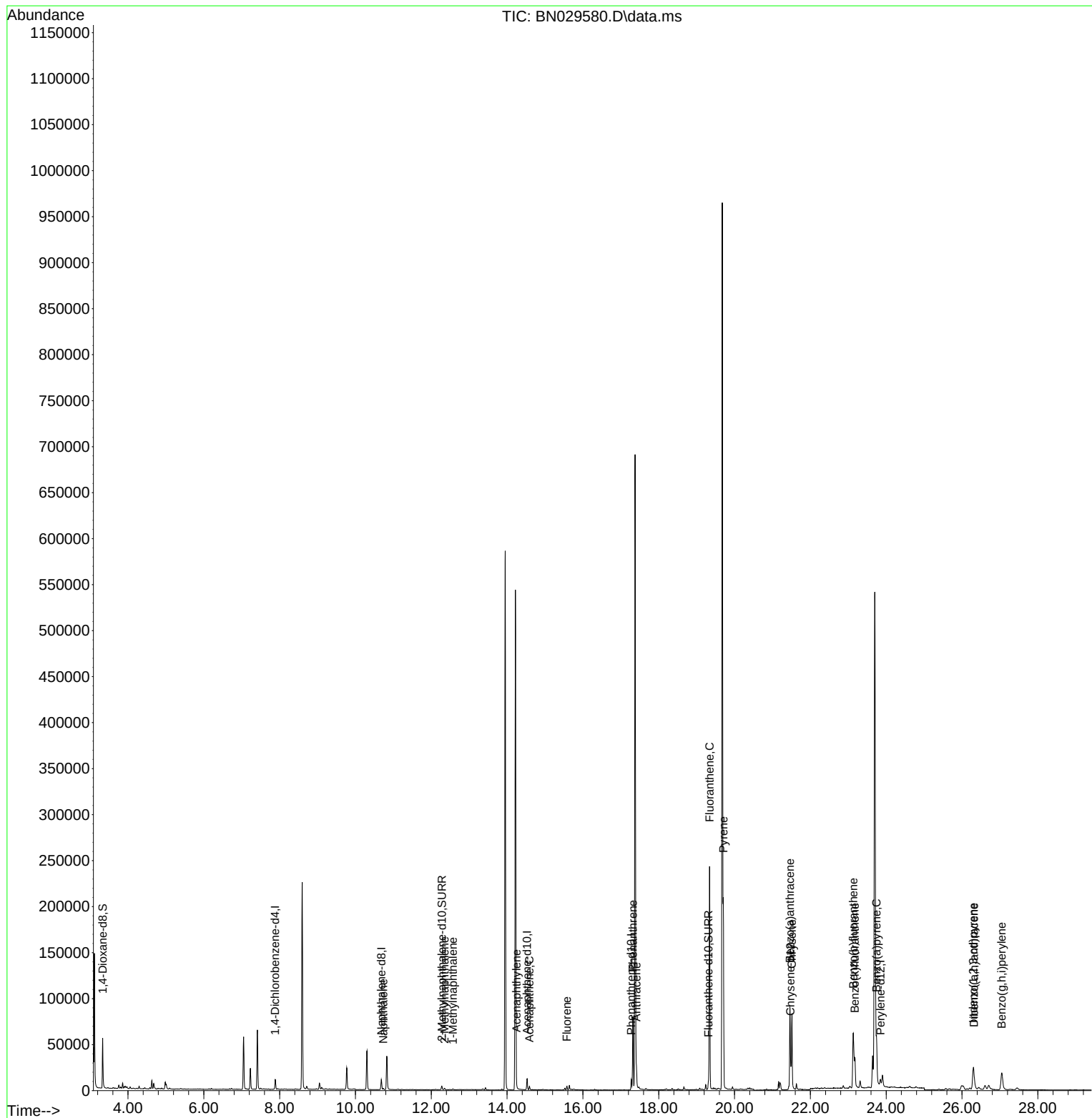
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
Data File : BN029580.D
Acq On : 08 Feb 2024 16:35
Operator : MA/JU
Sample : P1303-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

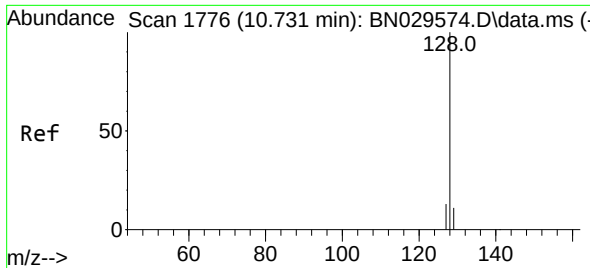
Instrument :
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Supervised By :mohammad ahmed 02/09/2024

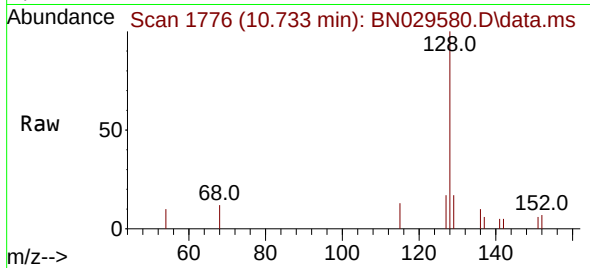
Quant Time: Feb 08 17:14:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 02:17:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.733 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

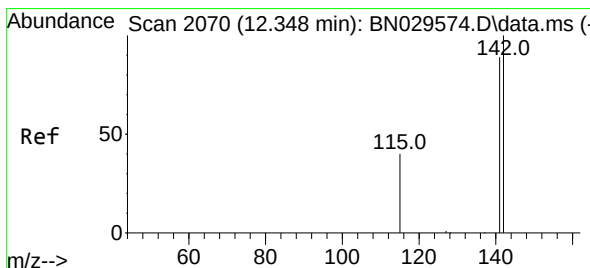
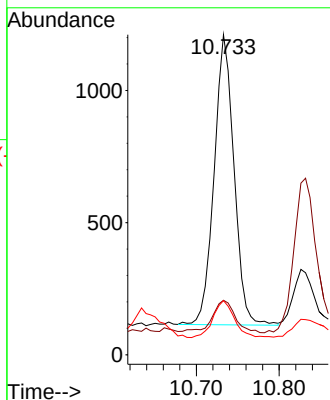
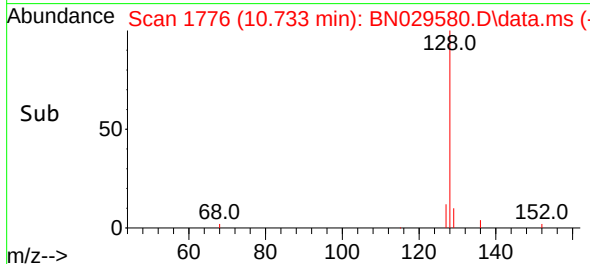
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:128 Resp: 182
Ion Ratio Lower Upper
128 100
129 17.0 9.1 13.7
127 16.9 11.0 16.6

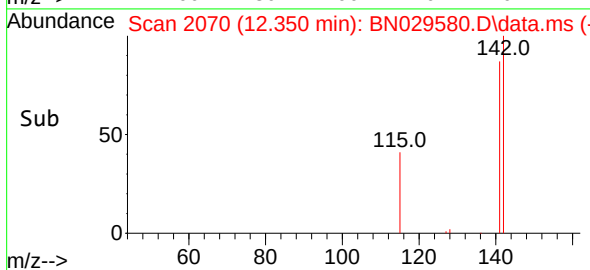
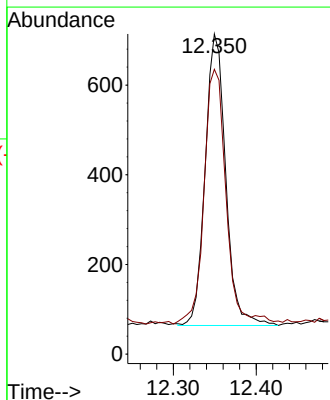
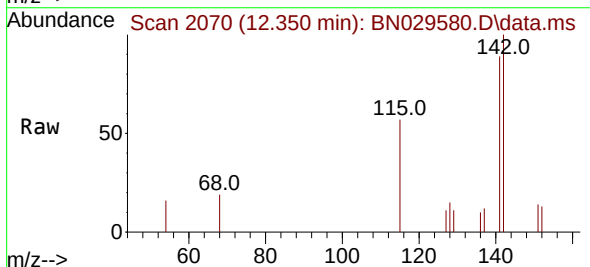
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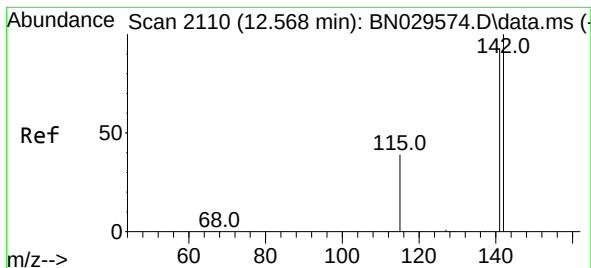
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.350 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

Tgt Ion:142 Resp: 1119
Ion Ratio Lower Upper
142 100
141 93.3 71.5 107.3





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.569 min Scan# 2110

Delta R.T. -0.005 min

Lab File: BN029580.D

Acq: 08 Feb 2024 16:35

Instrument :

BNA_N

ClientSampleId :

C0FJ1

Tgt Ion:142 Resp: 584

Ion Ratio Lower Upper

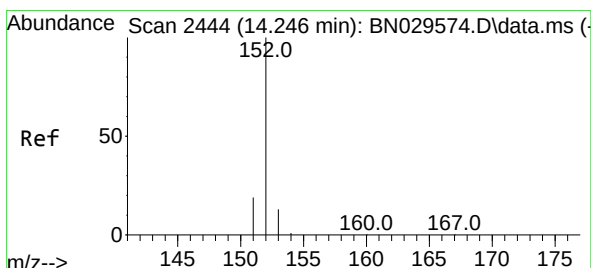
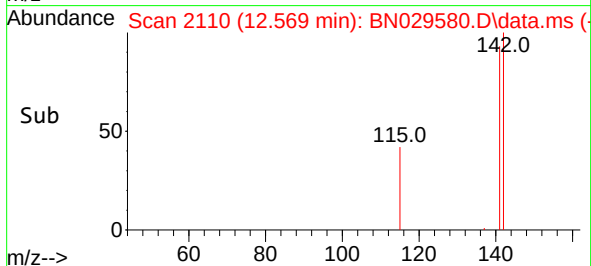
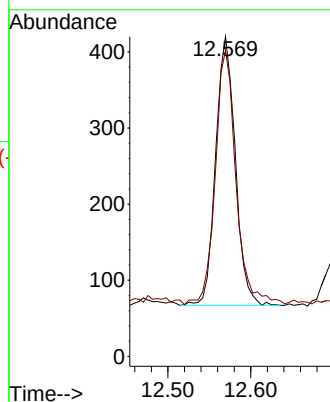
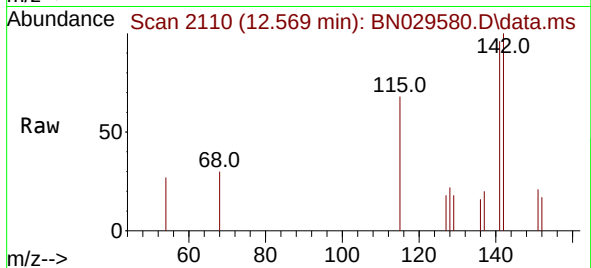
142 100

141 99.3 73.9 110.9

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Supervised By :mohammad ahmed 02/09/2024



#10

Acenaphthylene

Concen: 0.069 ng/ul

RT: 14.247 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BN029580.D

Acq: 08 Feb 2024 16:35

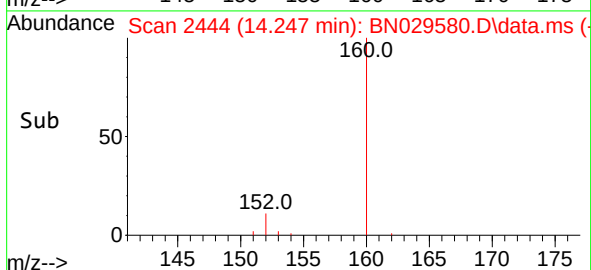
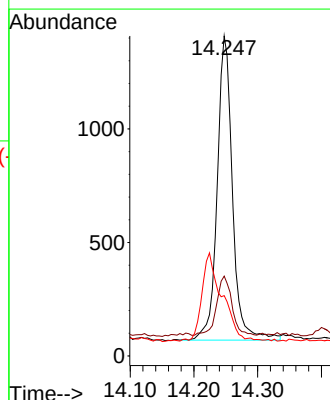
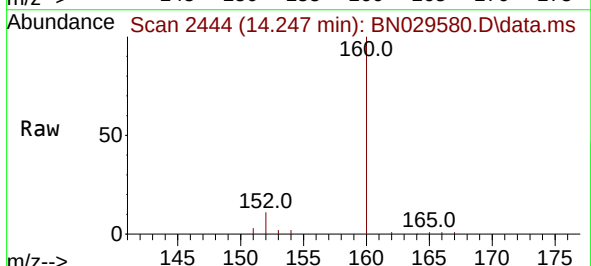
Tgt Ion:152 Resp: 2231

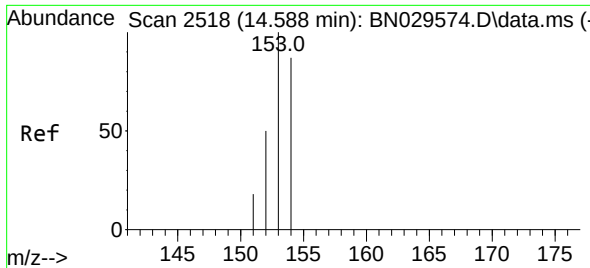
Ion Ratio Lower Upper

152 100

151 25.0 15.8 23.8#

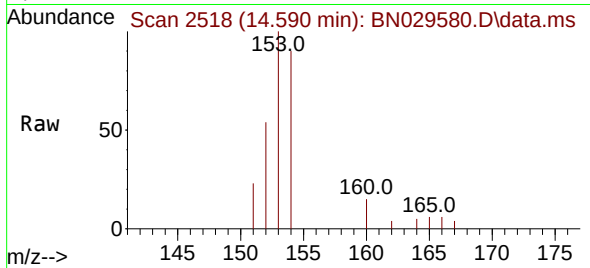
153 18.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.092 ng/u1
RT: 14.590 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

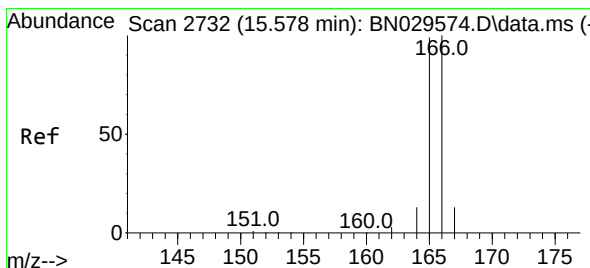
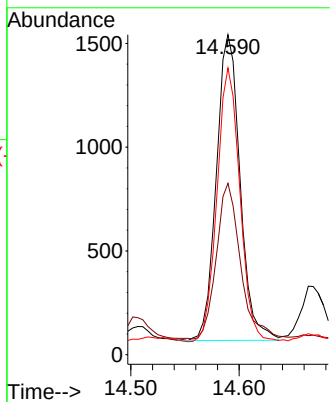
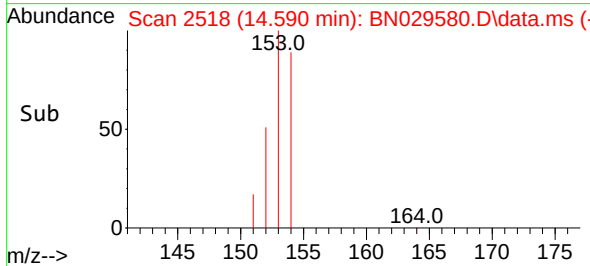
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:153 Resp: 2240
Ion Ratio Lower Upper
153 100
152 53.6 41.5 62.3
154 89.6 70.9 106.3

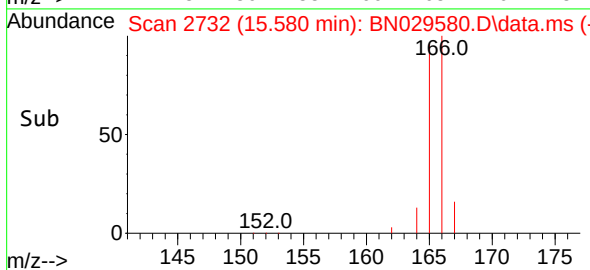
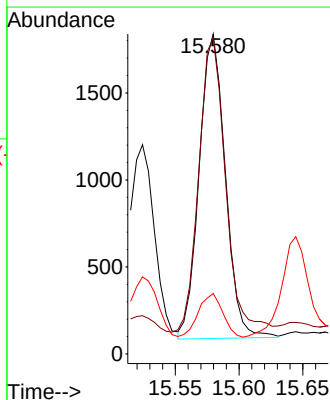
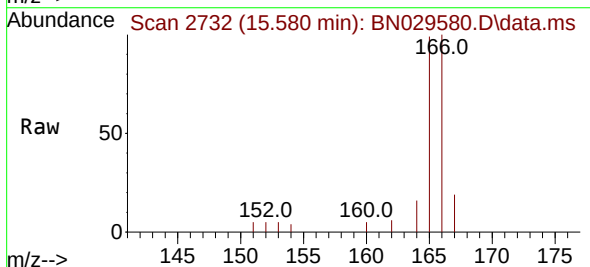
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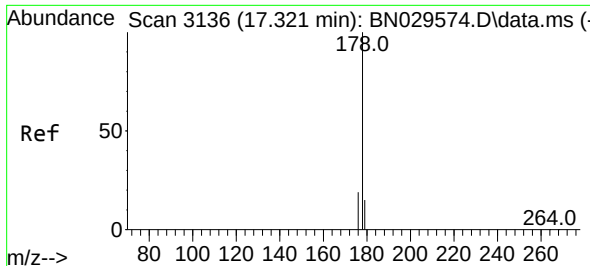
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#12
Fluorene
Concen: 0.098 ng/u1
RT: 15.580 min Scan# 2732
Delta R.T. -0.005 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

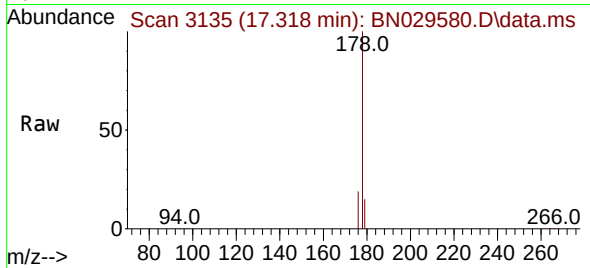
Tgt Ion:166 Resp: 2498
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 18.9 11.5 17.3#





#15
Phenanthrene
Concen: 2.093 ng/u1
RT: 17.318 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

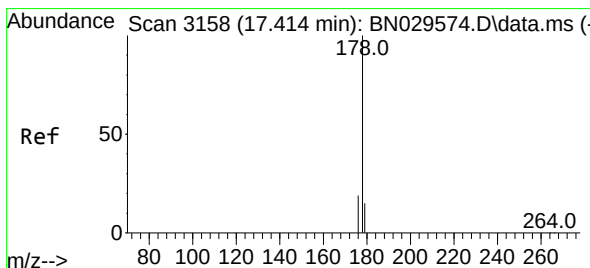
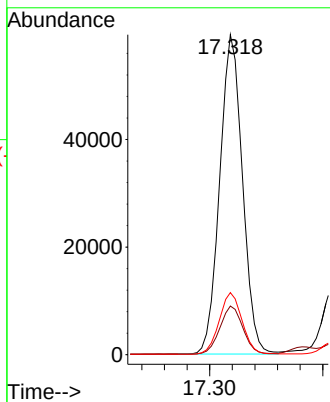
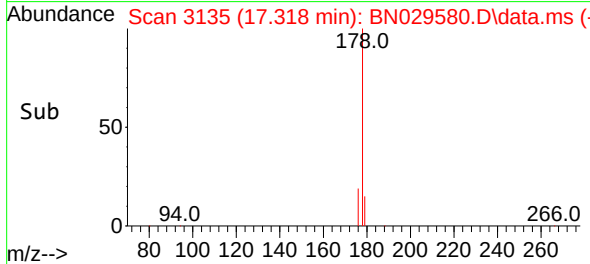
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:178 Resp: 8306
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.4 15.7 23.5

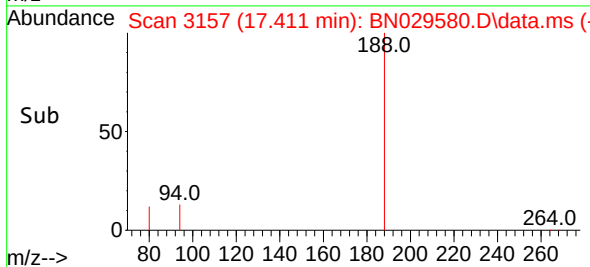
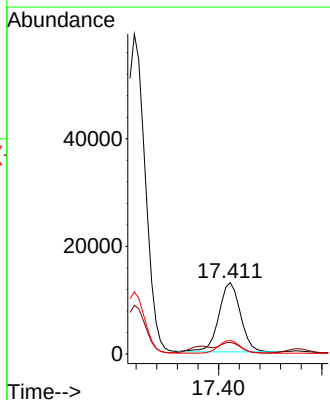
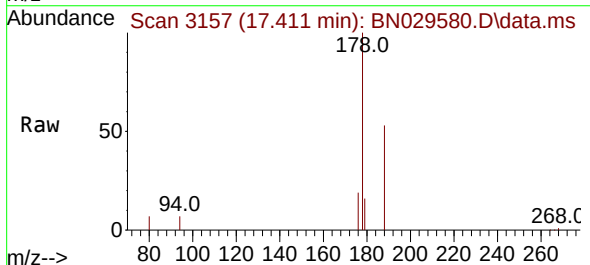
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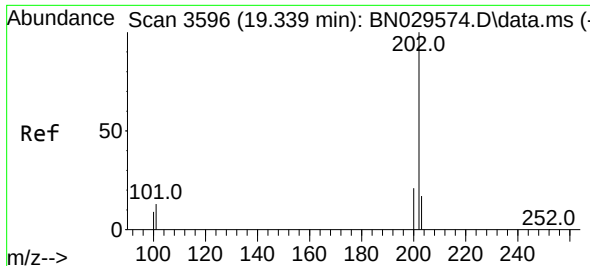
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#16
Anthracene
Concen: 0.562 ng/u1
RT: 17.411 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

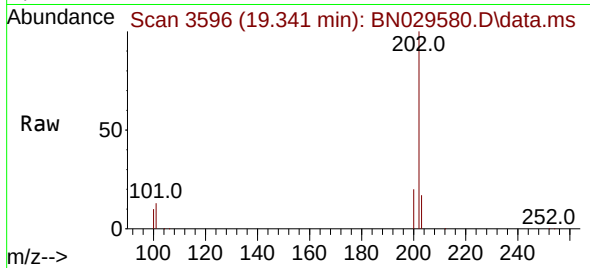
Tgt Ion:178 Resp: 18777
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.1 15.8 23.8





#19
Fluoranthene
Concen: 4.158 ng/ul
RT: 19.341 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

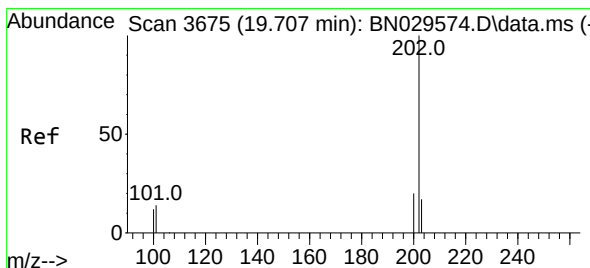
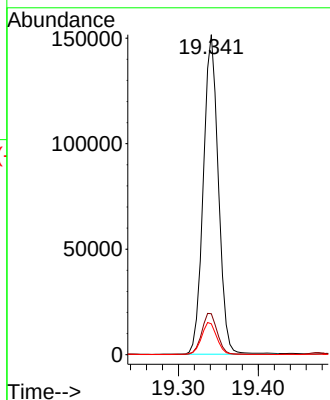
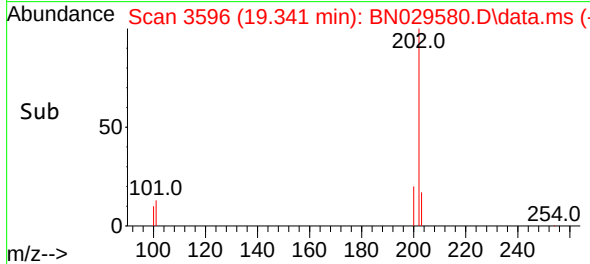
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:202 Resp: 198068
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 9.6 8.5 12.7

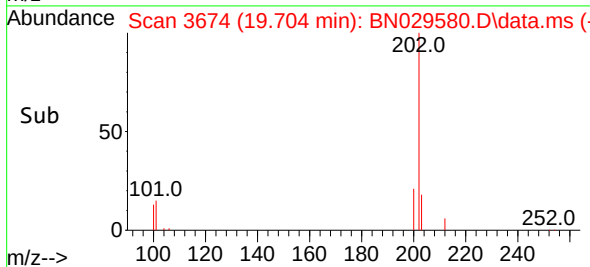
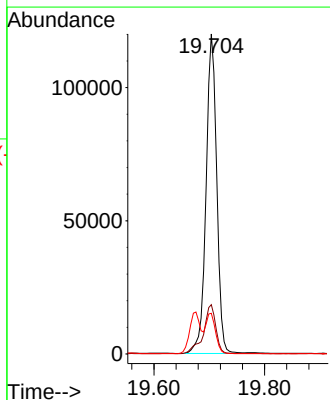
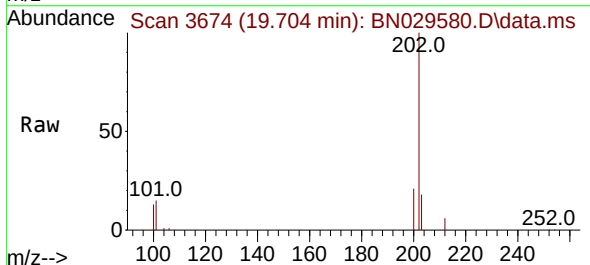
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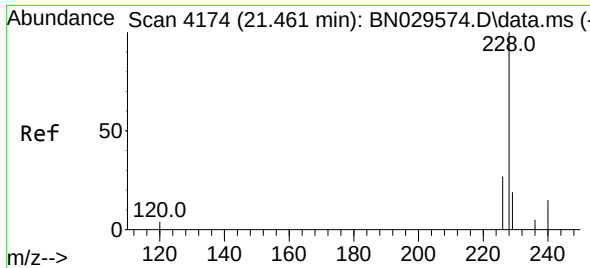
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#20
Pyrene
Concen: 3.314 ng/ul
RT: 19.704 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

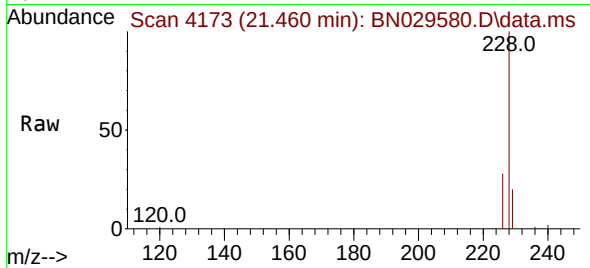
Tgt Ion:202 Resp: 161782
Ion Ratio Lower Upper
202 100
101 15.4 12.5 18.7
100 12.7 10.0 15.0





#21
Benzo(a)anthracene
Concen: 2.109 ng/u1
RT: 21.460 min Scan# 4174
Delta R.T. -0.007 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

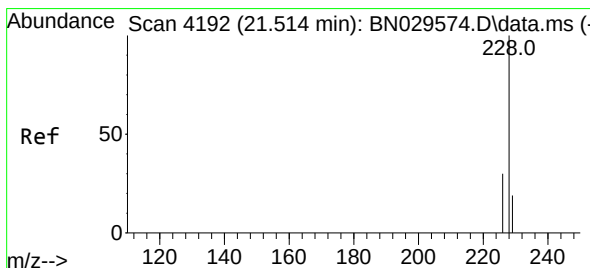
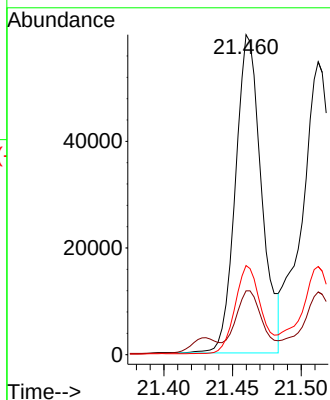
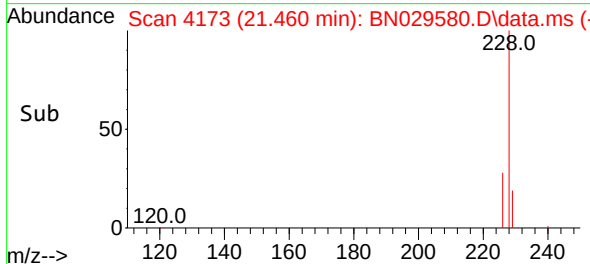
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:228 Resp: 78840
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.8 22.2 33.4

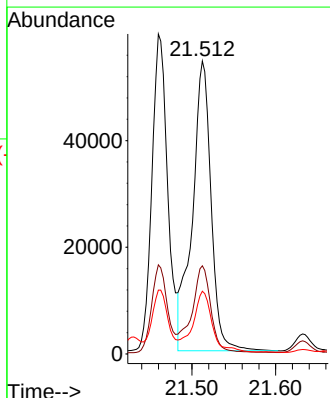
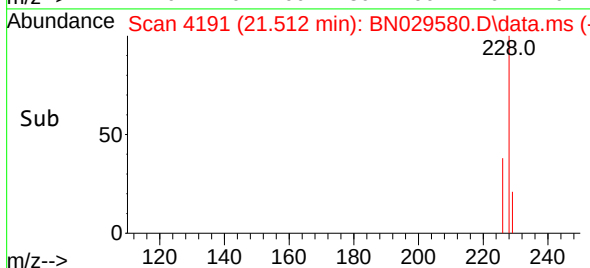
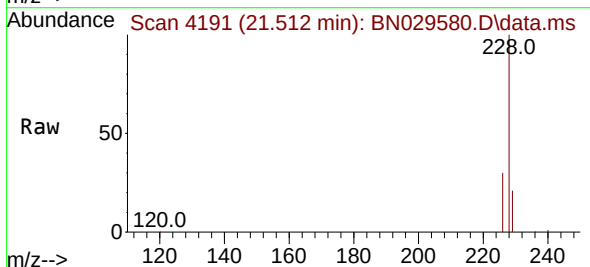
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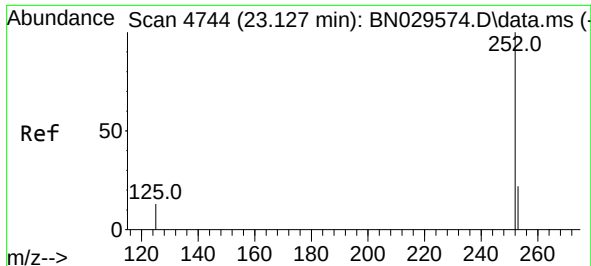
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#22
Chrysene
Concen: 2.070 ng/u1
RT: 21.512 min Scan# 4191
Delta R.T. -0.007 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

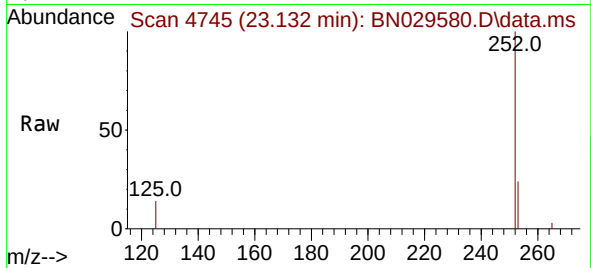
Tgt Ion:228 Resp: 84700
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.273 ng/ul m
RT: 23.132 min Scan# 4745
Delta R.T. -0.004 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

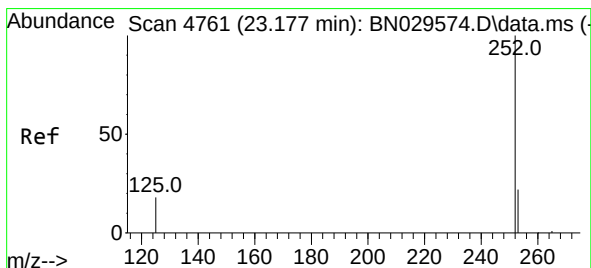
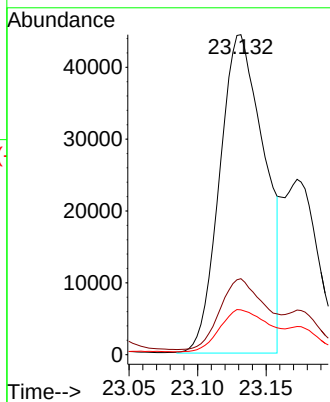
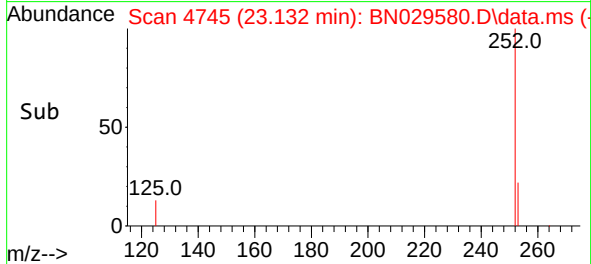
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:252 Resp: 99750
Ion Ratio Lower Upper
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253 23.7 0.0 56.8
125 14.0 0.0 32.4

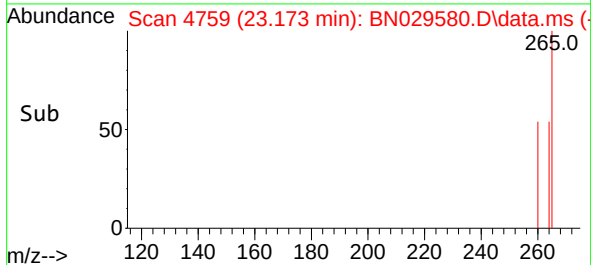
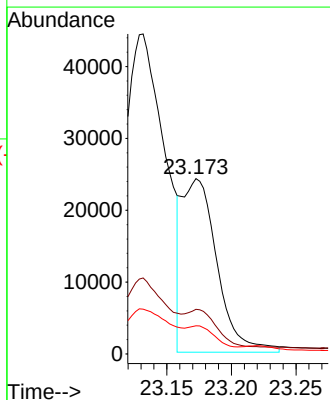
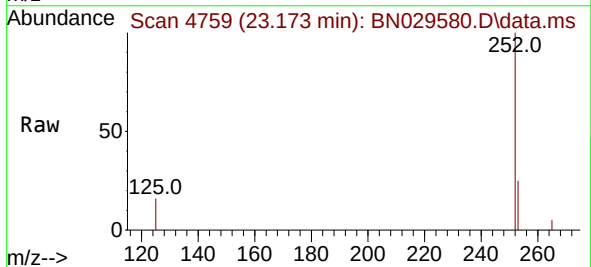
Manual Integrations
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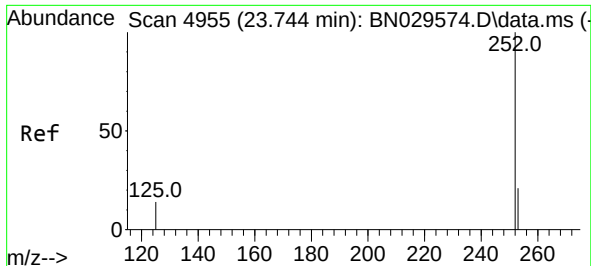
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#25
Benzo(k)fluoranthene
Concen: 0.940 ng/ul m
RT: 23.173 min Scan# 4759
Delta R.T. -0.013 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

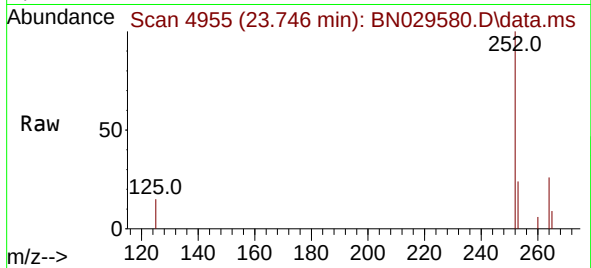
Tgt Ion:252 Resp: 45748
Ion Ratio Lower Upper
252 100
253 25.4 22.6 33.8
125 16.1 15.3 22.9





#26
Benzo(a)pyrene
Concen: 1.575 ng/ul
RT: 23.746 min Scan# 4955
Delta R.T. -0.007 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

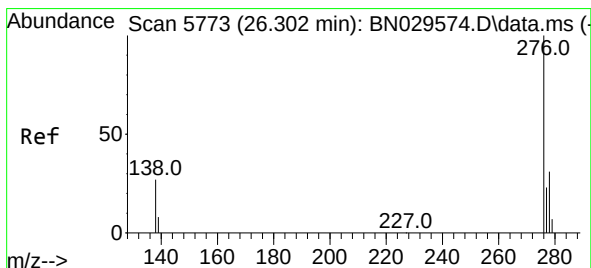
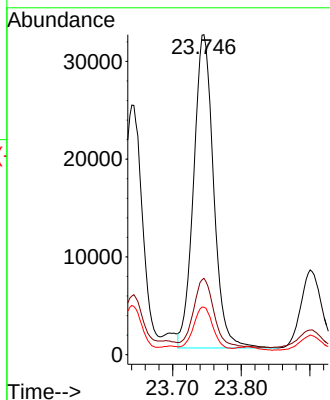
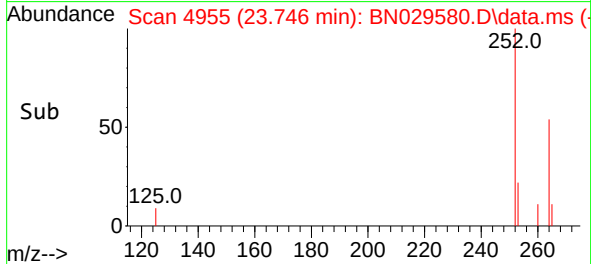
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:252 Resp: 65014
Ion Ratio Lower Upper
252 100
253 23.9 25.4 38.0#
125 14.8 16.0 24.0#

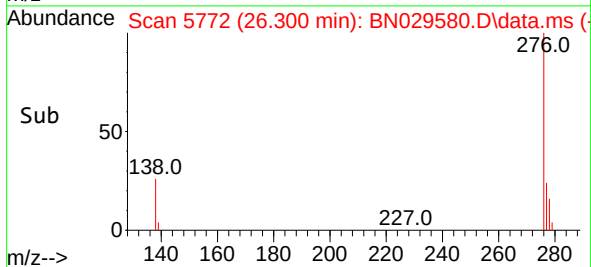
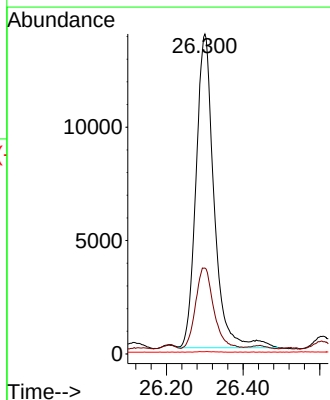
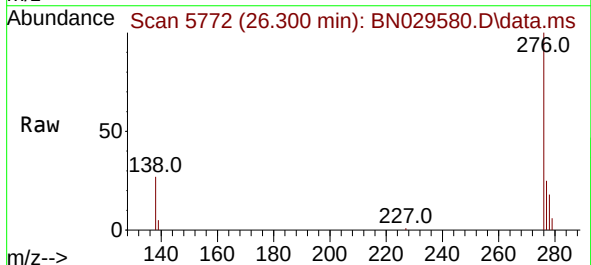
Manual Integrations
APPROVED

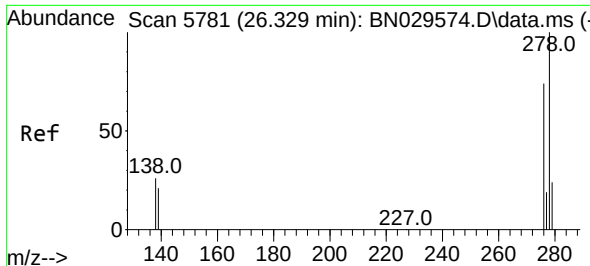
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.904 ng/ul
RT: 26.300 min Scan# 5772
Delta R.T. -0.018 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

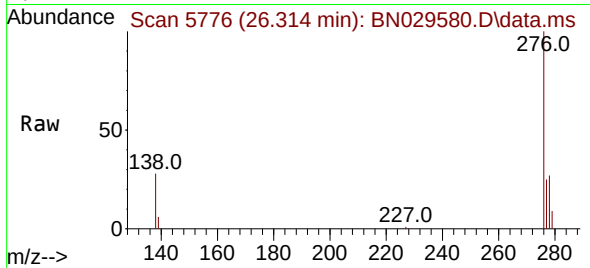
Tgt Ion:276 Resp: 45266
Ion Ratio Lower Upper
276 100
138 26.4 0.0 0.0#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 26.314 min Scan# 51
Delta R.T. -0.035 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

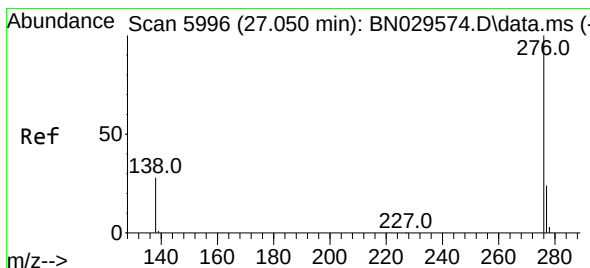
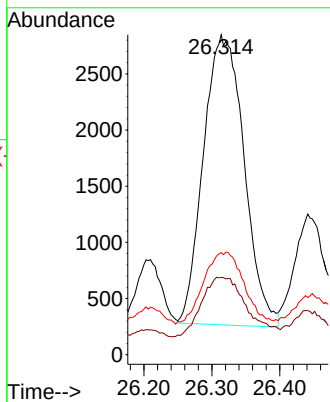
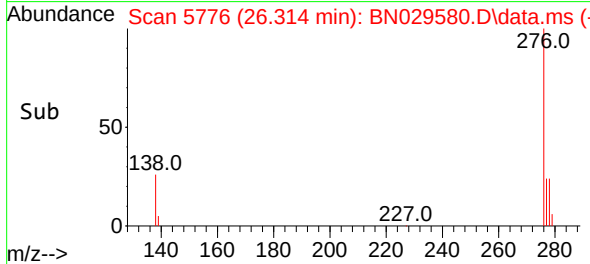
Instrument :
BNA_N
ClientSampleId :
C0FJ1



Tgt Ion:278 Resp: 1071
Ion Ratio Lower Upper
278 100
139 24.1 19.0 28.4
279 31.9 22.6 34.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#29
Benzo(g,h,i)perylene
Concen: 0.921 ng/ul
RT: 27.048 min Scan# 5995
Delta R.T. -0.015 min
Lab File: BN029580.D
Acq: 08 Feb 2024 16:35

Tgt Ion:276 Resp: 41871
Ion Ratio Lower Upper
276 100
138 28.5 24.6 37.0
277 24.2 19.7 29.5

