

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
 Data File : BN021075.D
 Acq On : 08 Aug 2022 22:07
 Operator : CG/JU
 Sample : N4069-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJL3MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2022
 Supervised By :Sohil Jodhani 08/10/2022

Quant Time: Aug 09 13:51:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 23:08:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	2762	0.400	ng/u1	0.01
4) Naphthalene-d8	10.596	136	9427	0.400	ng/u1	0.01
9) Acenaphthene-d10	14.452	164	5337	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.205	188	10998	0.400	ng/u1	0.00
17) Chrysene-d12	21.409	240	9086	0.400	ng/u1	-0.01
23) Perylene-d12	23.748	264	7192	0.400	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	13498m	3.820	ng/u1	-0.03
6) 2-Methylnaphthalene-d10	12.196	152	5104	0.370	ng/u1	0.00
18) Fluoranthene-d10	19.240	212	13119	0.468	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	2112	0.580	ng/u1	97
5) Naphthalene	10.646	128	8905	0.308	ng/u1	99
7) 2-Methylnaphthalene	12.268	142	5619	0.320	ng/u1	99
8) 1-Methylnaphthalene	12.488	142	5975	0.340	ng/u1	100
10) Acenaphthylene	14.170	152	8390	0.336	ng/u1	99
11) Acenaphthene	14.512	153	6515	0.316	ng/u1	99
12) Fluorene	15.507	166	7641	0.339	ng/u1	99
14) Pentachlorophenol	16.863	266	1968	1.160	ng/u1	98
15) Phenanthrene	17.243	178	13439	0.342	ng/u1	98
16) Anthracene	17.336	178	11736	0.385	ng/u1	98
19) Fluoranthene	19.272	202	15101	0.376	ng/u1	100
20) Pyrene	19.635	202	15732	0.379	ng/u1	95
21) Benzo(a)anthracene	21.392	228	12344	0.416	ng/u1	99
22) Chrysene	21.444	228	12968	0.332	ng/u1	99
24) Benzo(b)fluoranthene	23.037	252	11580	0.348	ng/u1	97
25) Benzo(k)fluoranthene	23.084	252	11333	0.323	ng/u1	98
26) Benzo(a)pyrene	23.645	252	10622	0.350	ng/u1#	91
27) Indeno(1,2,3-cd)pyrene	26.169	276	10278	0.283	ng/u1	99
28) Dibenzo(a,h)anthracene	26.185	278	8361	0.292	ng/u1	97
29) Benzo(g,h,i)perylene	26.907	276	9003	0.278	ng/u1	99

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

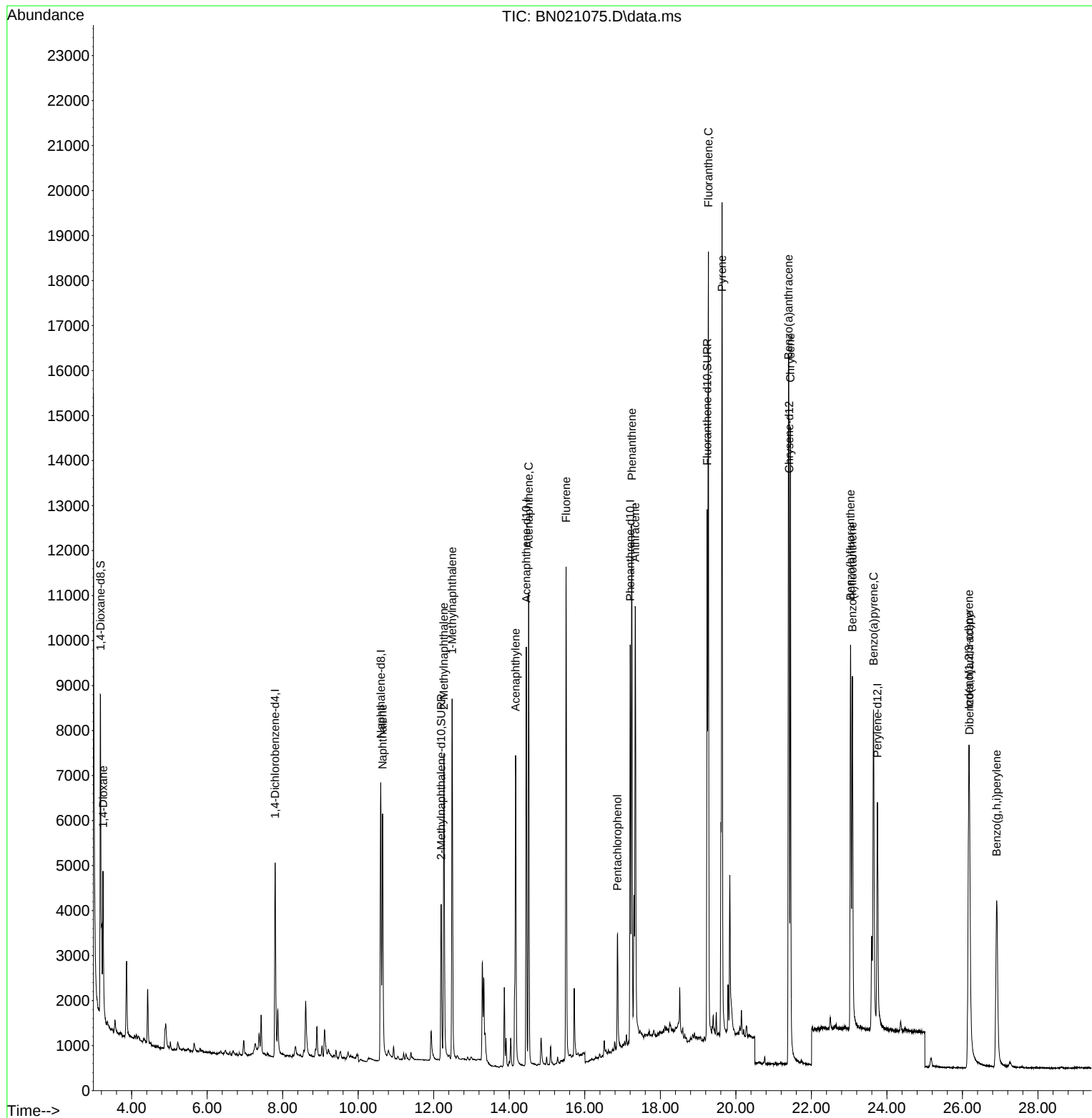
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
Data File : BN021075.D
Acq On : 08 Aug 2022 22:07
Operator : CG/JU
Sample : N4069-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

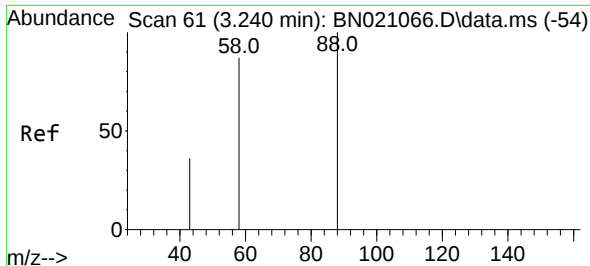
Instrument :
BNA_N
ClientSampleId :
GBJL3MS

Quant Time: Aug 09 13:51:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:08:49 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

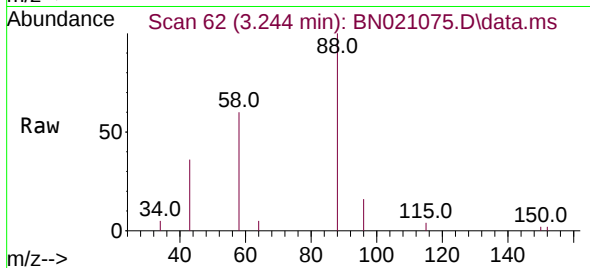
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022





#2
1,4-Dioxane
Concen: 0.580 ng/ul
RT: 3.244 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

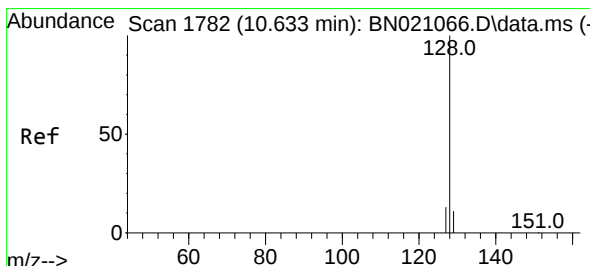
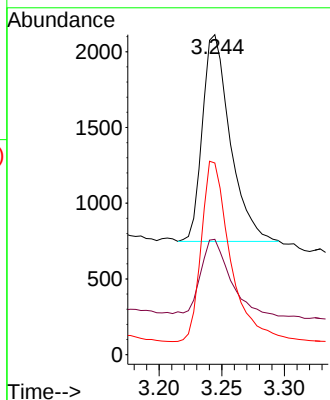
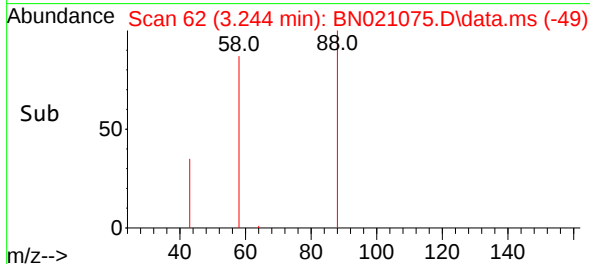
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



Tgt Ion: 88 Resp: 2112
Ion Ratio Lower Upper
88 100
43 36.1 31.4 47.0
58 59.9 49.0 73.6

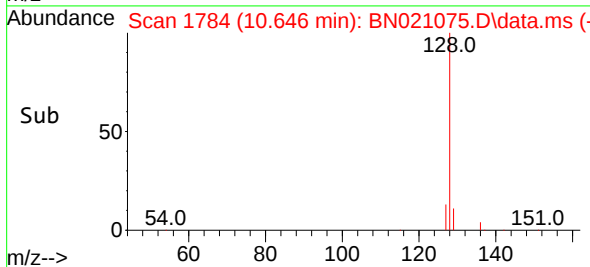
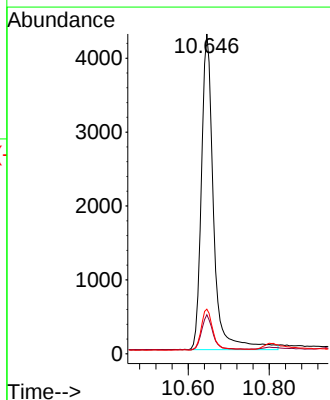
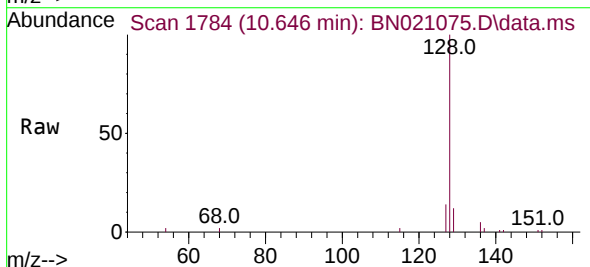
Manual Integrations
APPROVED

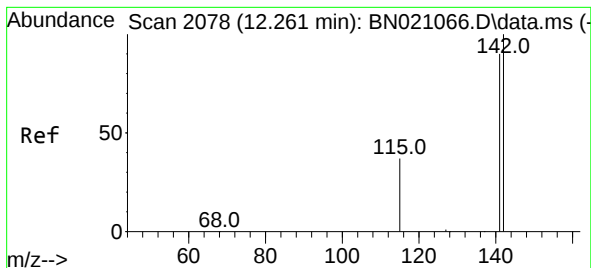
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. 0.012 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

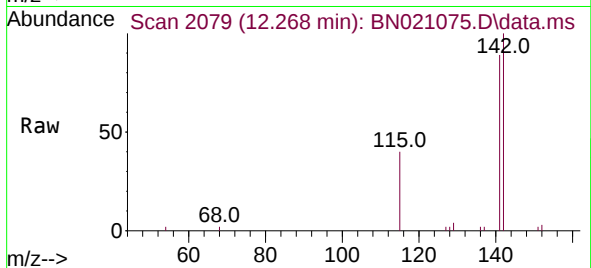
Tgt Ion:128 Resp: 8905
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.0 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.268 min Scan# 2078
Delta R.T. 0.007 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

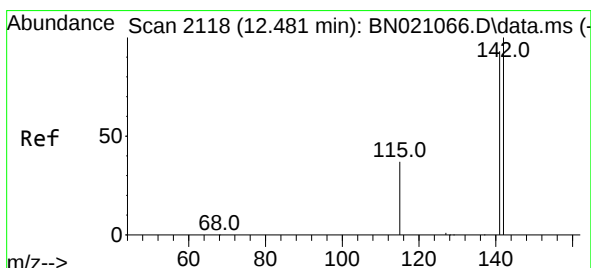
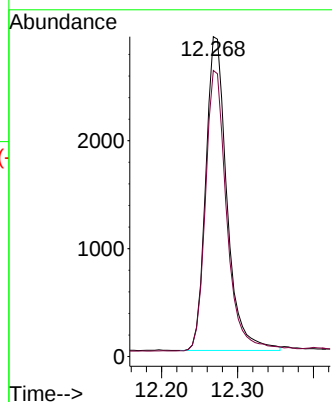
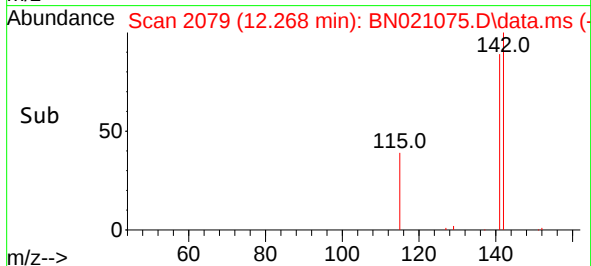
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



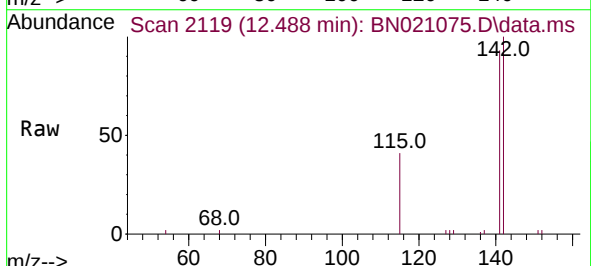
Tgt Ion:142 Resp: 5619
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2

Manual Integrations
APPROVED

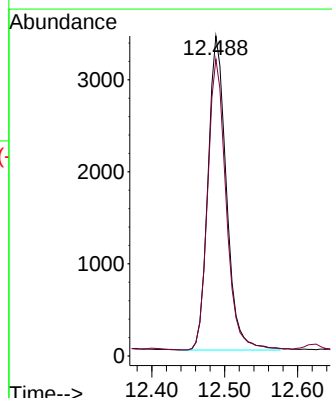
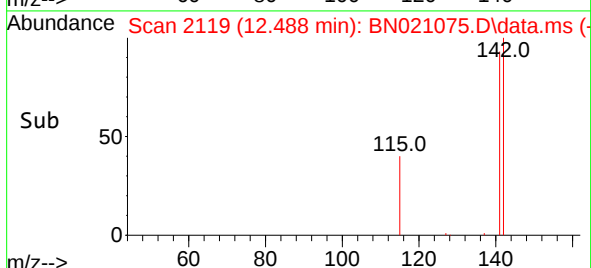
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022

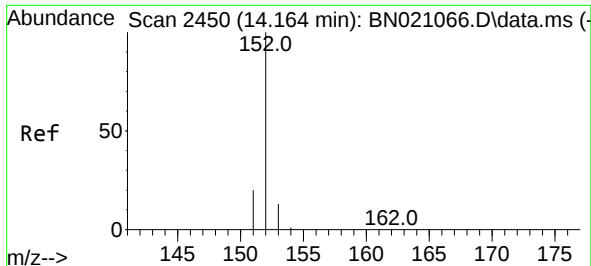


#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. 0.007 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07



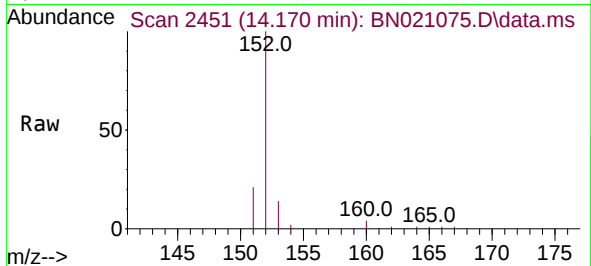
Tgt Ion:142 Resp: 5975
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9





#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.170 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

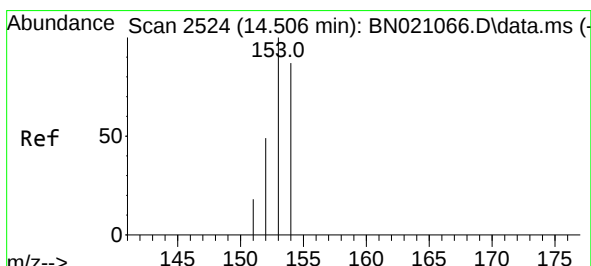
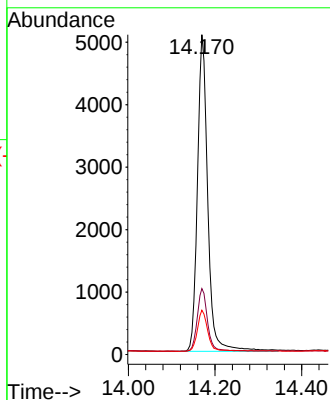
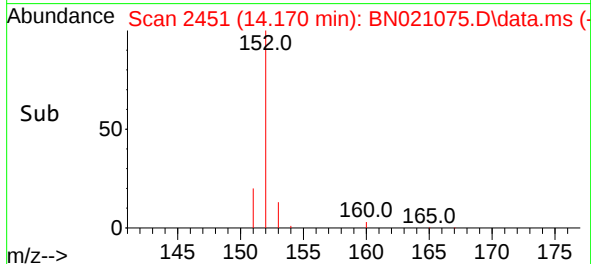
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



Tgt Ion:152 Resp: 8390
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.9 11.2 16.8

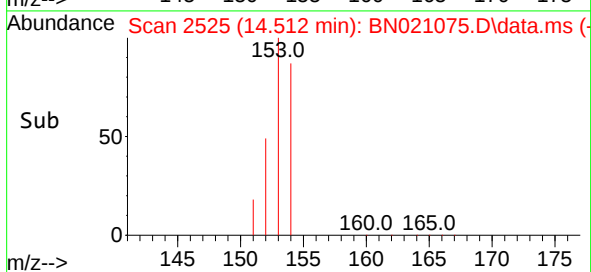
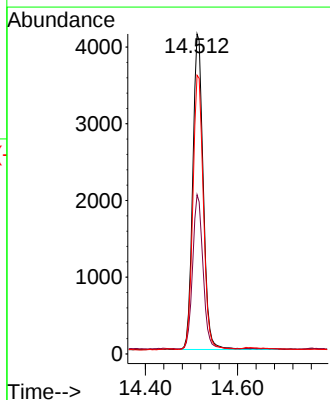
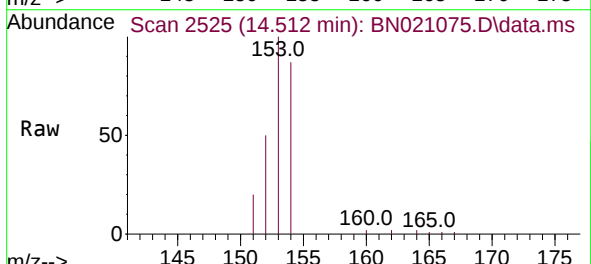
Manual Integrations
APPROVED

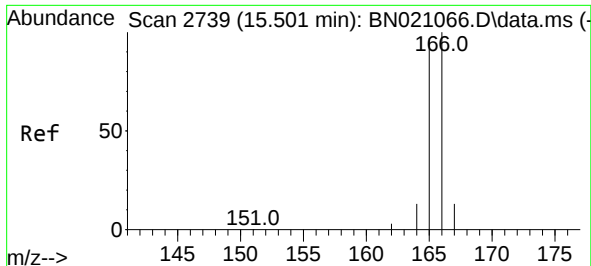
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.512 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

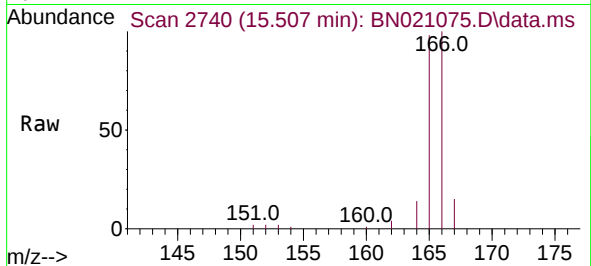
Tgt Ion:153 Resp: 6515
Ion Ratio Lower Upper
153 100
152 49.7 40.2 60.4
154 87.1 70.7 106.1





#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

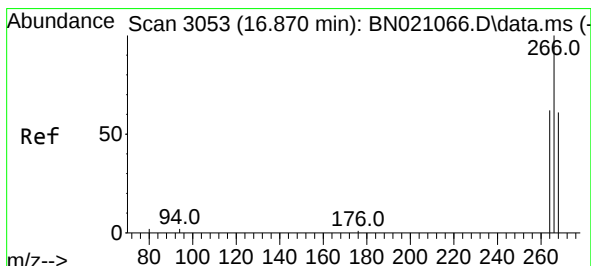
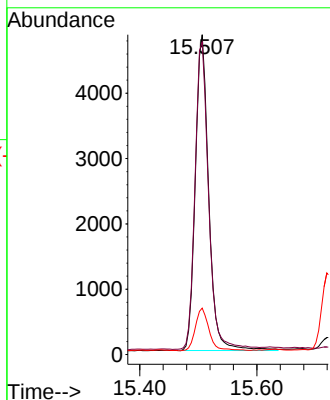
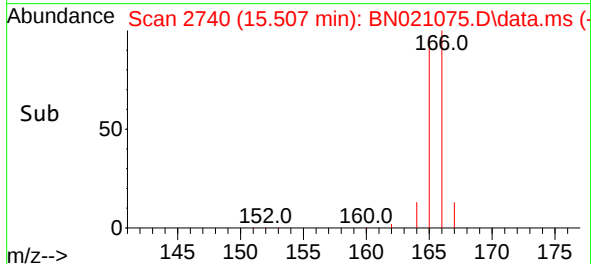
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



Tgt Ion:166 Resp: 764
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 14.5 11.8 17.6

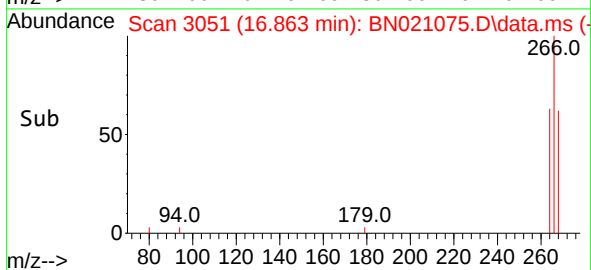
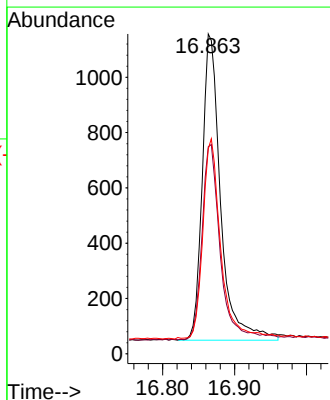
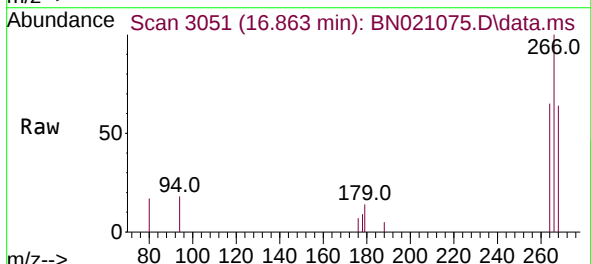
Manual Integrations
APPROVED

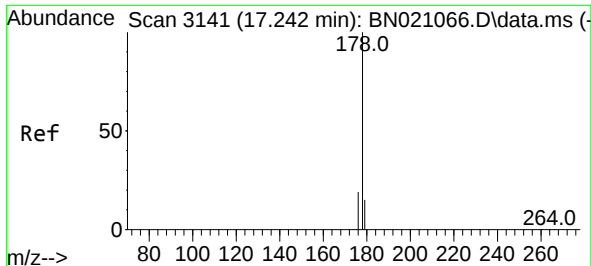
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#14
Pentachlorophenol
Concen: 1.160 ng/ul
RT: 16.863 min Scan# 3051
Delta R.T. -0.007 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

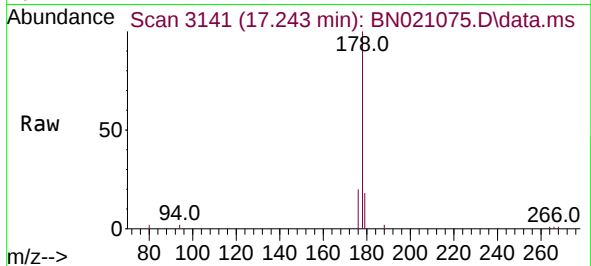
Tgt Ion:266 Resp: 1968
Ion Ratio Lower Upper
266 100
264 63.5 49.8 74.8
268 64.4 50.6 75.8





#15
Phenanthrene
Concen: 0.342 ng/u1
RT: 17.243 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

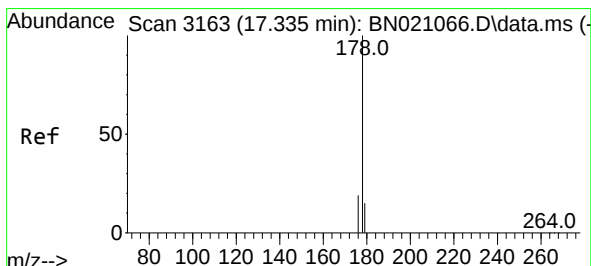
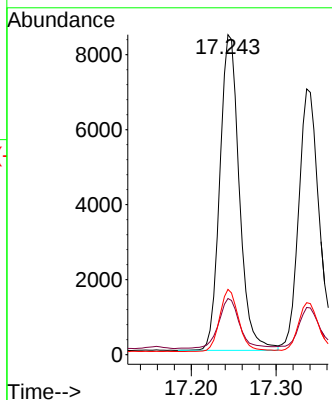
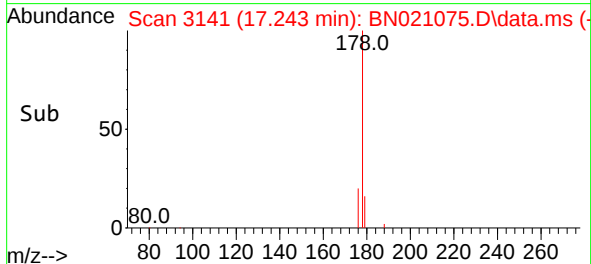
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



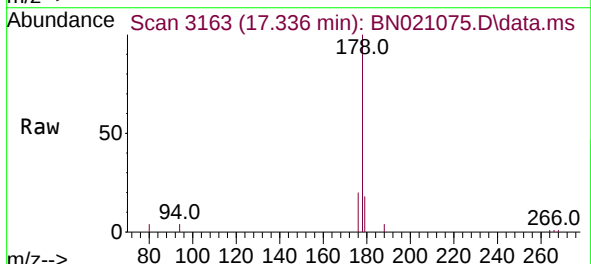
Tgt Ion:178 Resp: 13439
Ion Ratio Lower Upper
178 100
179 17.6 12.8 19.2
176 20.4 15.9 23.9

Manual Integrations
APPROVED

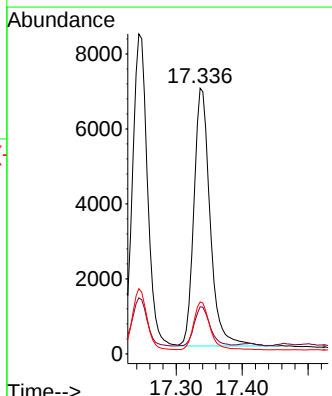
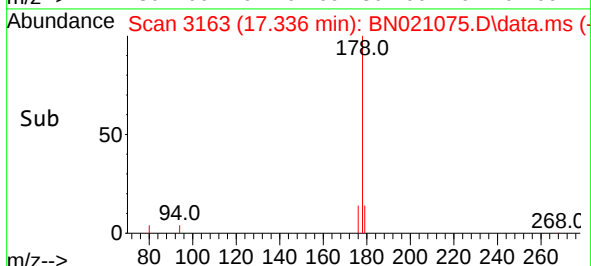
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022

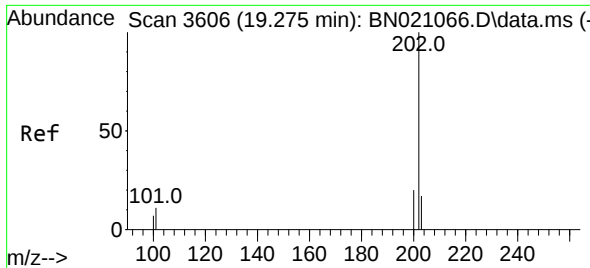


#16
Anthracene
Concen: 0.385 ng/u1
RT: 17.336 min Scan# 3163
Delta R.T. 0.001 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07



Tgt Ion:178 Resp: 11736
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 19.5 15.9 23.9





#19

Fluoranthene

Concen: 0.376 ng/ul

RT: 19.272 min Scan# 3606

Delta R.T. -0.003 min

Lab File: BN021075.D

Acq: 08 Aug 2022 22:07

Instrument :

BNA_N

ClientSampleId :

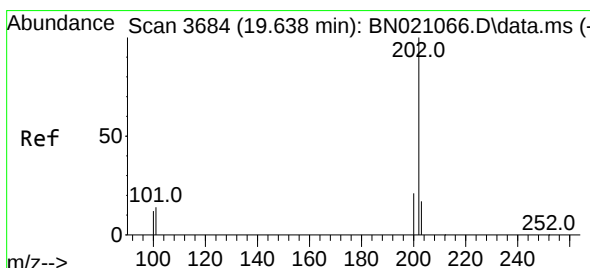
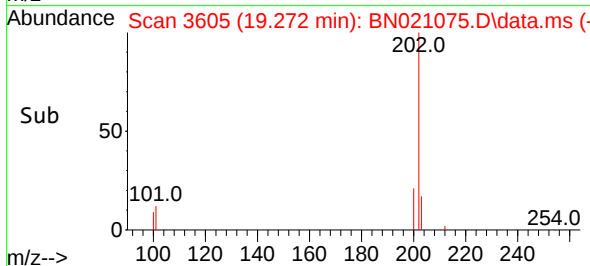
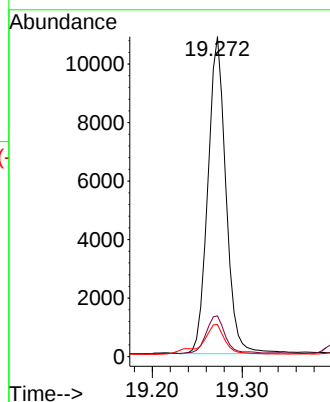
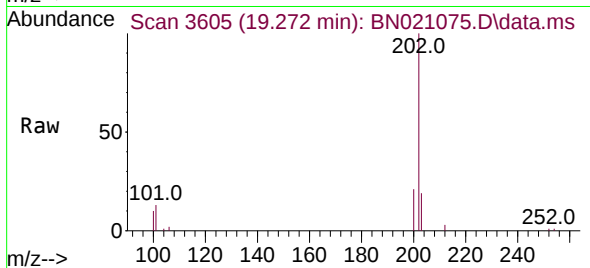
GBJL3MS

Tgt Ion:202	Resp:	1510
Ion Ratio	Lower	Upper
202	100	
101	12.7	10.0 15.0
100	10.0	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#20

Pyrene

Concen: 0.379 ng/ul

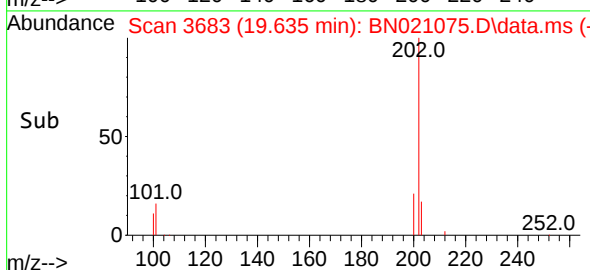
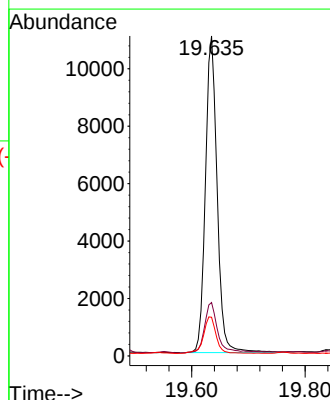
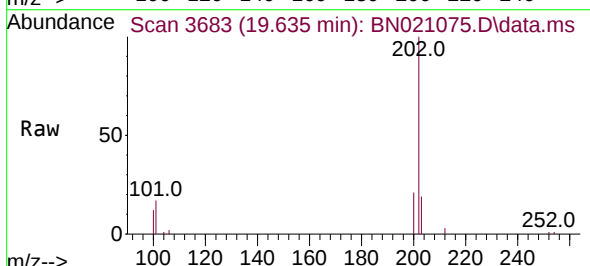
RT: 19.635 min Scan# 3683

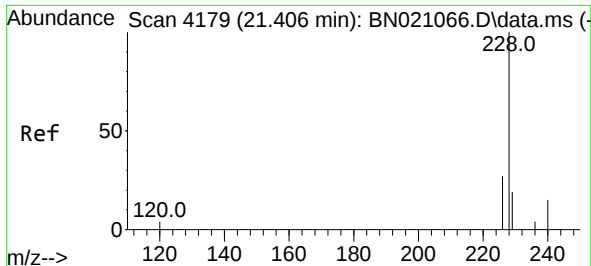
Delta R.T. -0.003 min

Lab File: BN021075.D

Acq: 08 Aug 2022 22:07

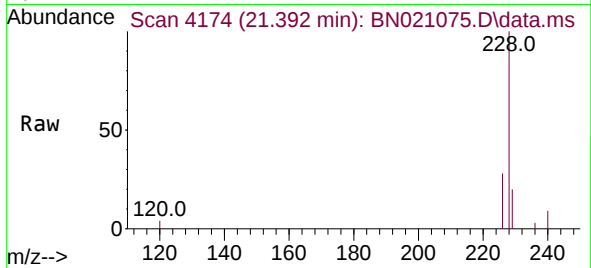
Tgt Ion:202	Resp:	15732
Ion Ratio	Lower	Upper
202	100	
101	16.7	11.3 16.9
100	12.1	9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.392 min Scan# 4179
Delta R.T. -0.015 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

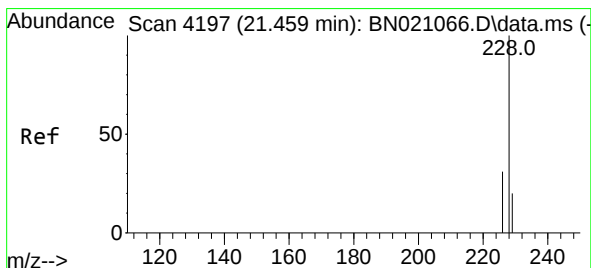
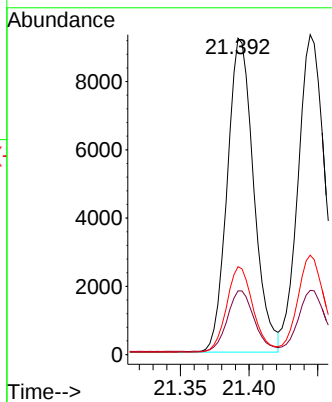
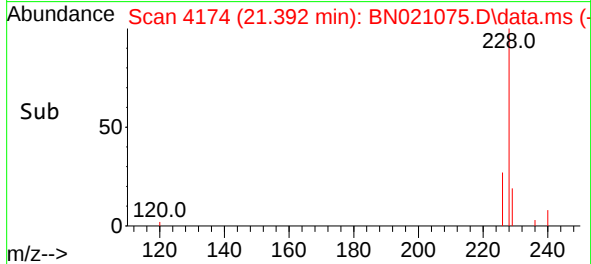
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



Tgt Ion:228 Resp: 12344
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.8 21.9 32.9

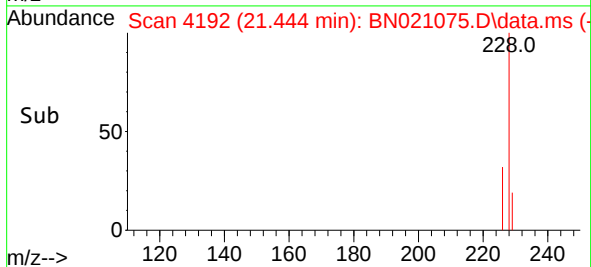
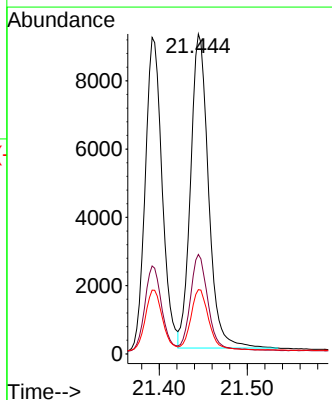
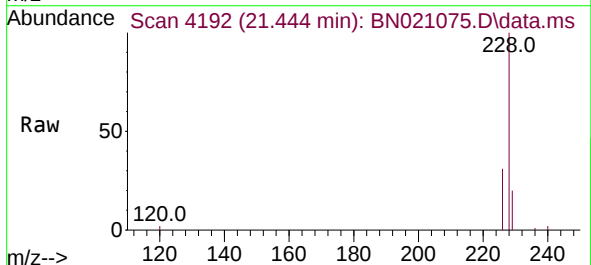
Manual Integrations
APPROVED

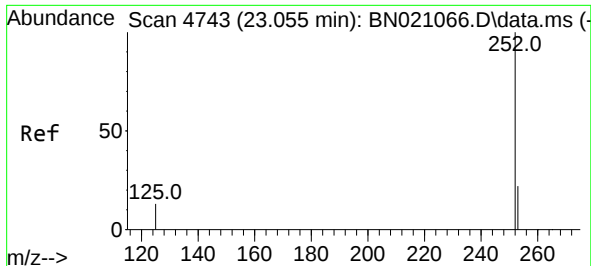
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.444 min Scan# 4192
Delta R.T. -0.015 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

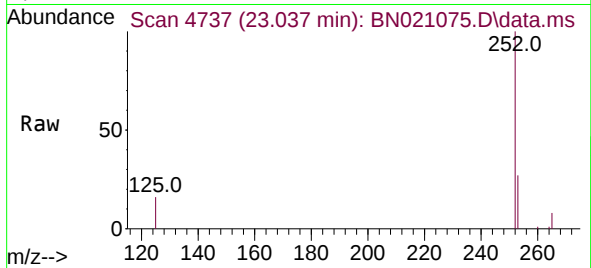
Tgt Ion:228 Resp: 12968
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.1 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.037 min Scan# 4743
Delta R.T. -0.017 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

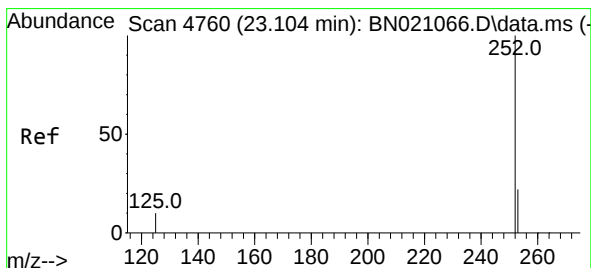
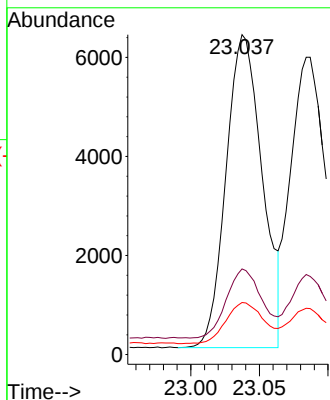
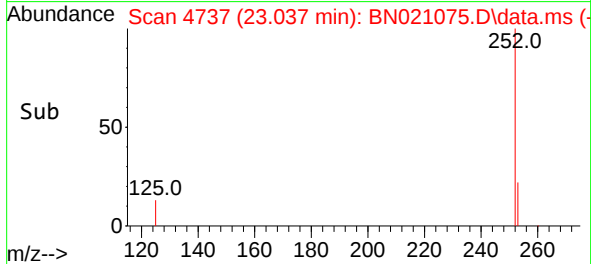
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



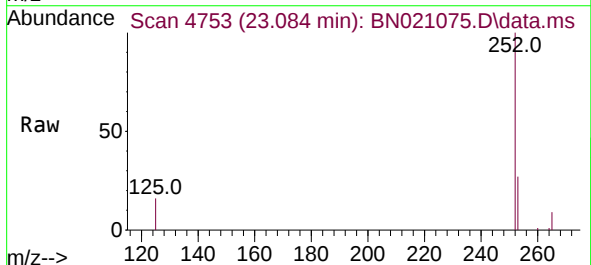
Tgt Ion:252 Resp: 11580
Ion Ratio Lower Upper
252 100
253 26.8 0.0 50.8
125 16.3 0.0 30.0

Manual Integrations
APPROVED

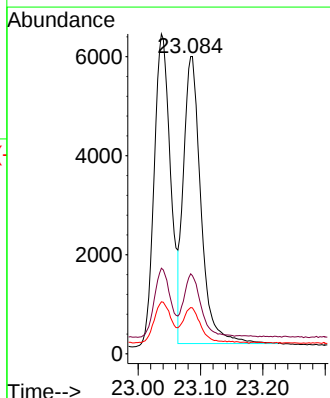
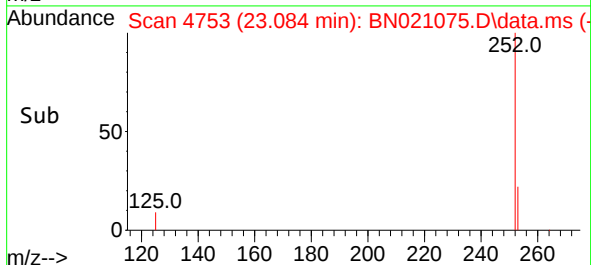
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022

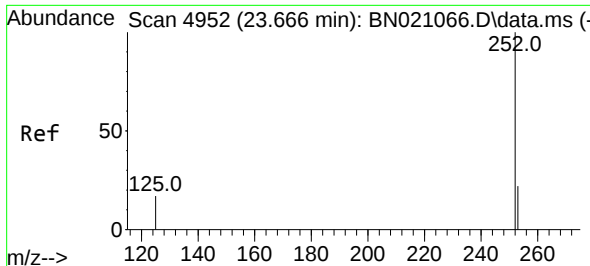


#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07



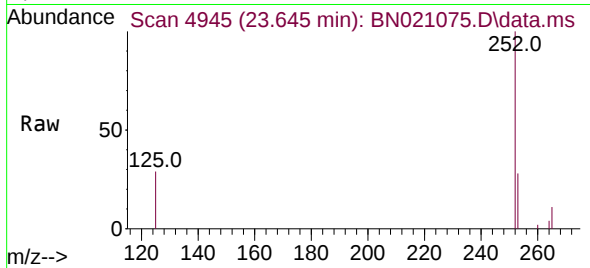
Tgt Ion:252 Resp: 11333
Ion Ratio Lower Upper
252 100
253 27.0 20.6 31.0
125 15.6 11.8 17.6





#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.645 min Scan# 4952
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

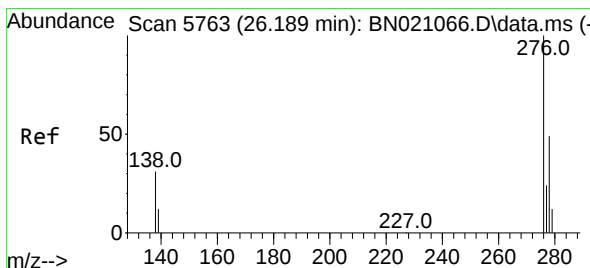
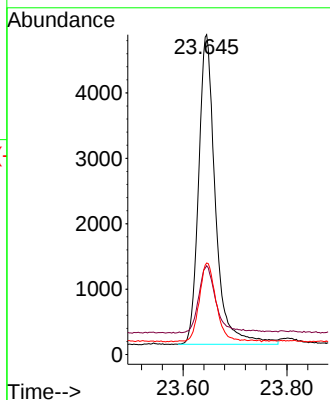
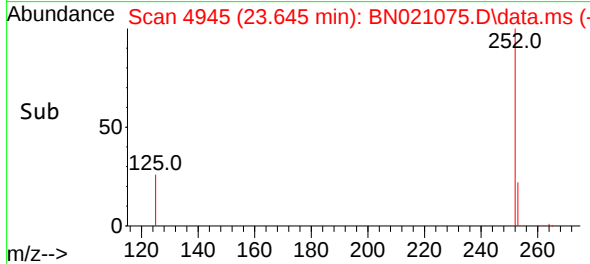
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



Tgt Ion:252 Resp: 10622
Ion Ratio Lower Upper
252 100
253 27.8 22.1 33.1
125 28.6 14.7 22.1

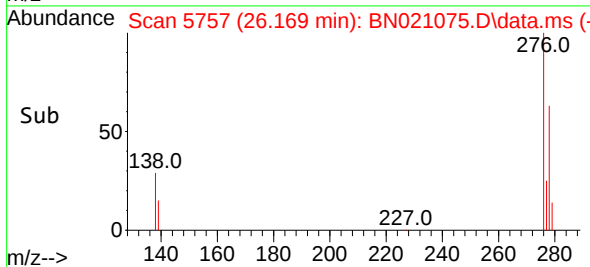
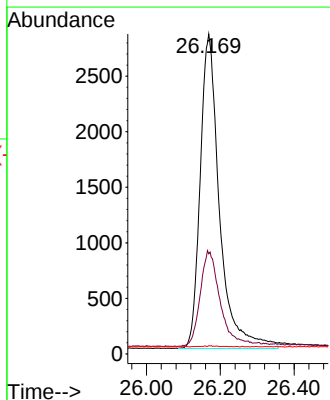
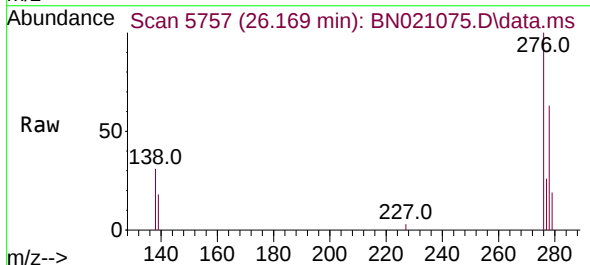
Manual Integrations
APPROVED

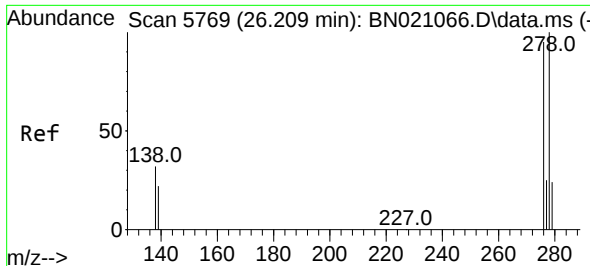
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

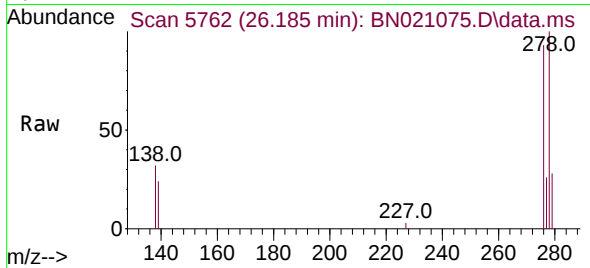
Tgt Ion:276 Resp: 10278
Ion Ratio Lower Upper
276 100
138 31.8 26.1 39.1
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.185 min Scan# 51
Delta R.T. -0.023 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

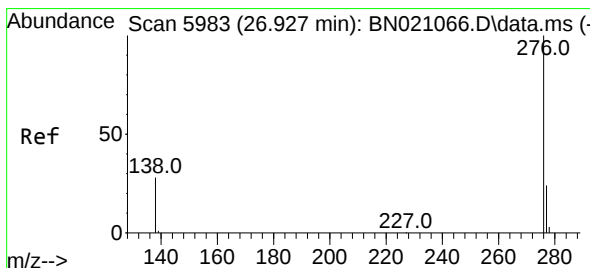
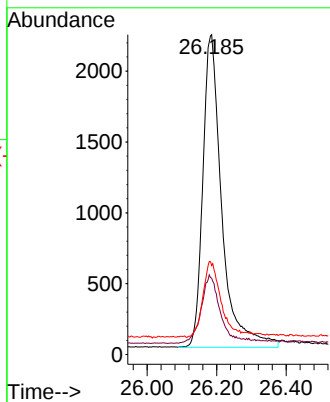
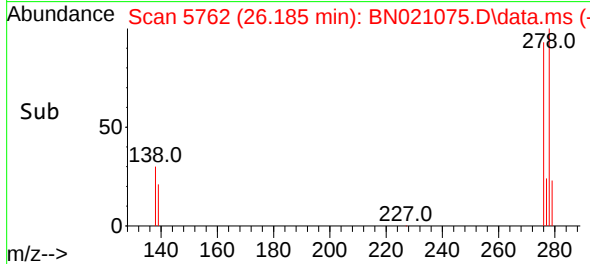
Instrument :
BNA_N
ClientSampleId :
GBJL3MS



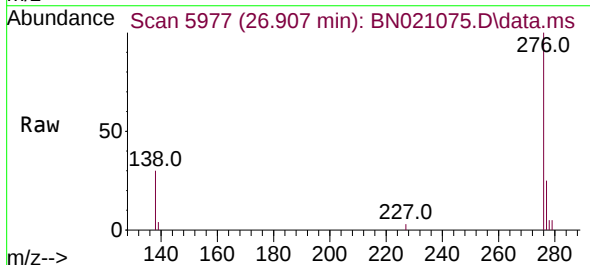
Tgt Ion: 278 Resp: 836
Ion Ratio Lower Upper
278 100
139 23.9 18.3 27.5
279 27.8 23.9 35.9

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 08/09/2022
Supervised By : Sohil Jodhani 08/10/2022



#29
Benzo(g,h,i)perylene
Concen: 0.278 ng/ul
RT: 26.907 min Scan# 5977
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07



Tgt Ion: 276 Resp: 9003
Ion Ratio Lower Upper
276 100
138 29.5 22.6 34.0
277 25.4 20.2 30.2

