

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021028.D
 Acq On : 05 Aug 2022 15:54
 Operator : CG/JU
 Sample : N3951-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COCA0

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 00:28:15 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 : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1938	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	6522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.456	164	3713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	7236	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	5916	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	5057	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	4881m	1.969	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.202	152	3346	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	8192	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	4892	1.915	ng/ul#	84
5) Naphthalene	10.651	128	6263	0.313	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	3737	0.307	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	4104	0.338	ng/ul	100
10) Acenaphthylene	14.174	152	5336	0.307	ng/ul	99
11) Acenaphthene	14.516	153	4329	0.301	ng/ul	99
12) Fluorene	15.511	166	4867	0.310	ng/ul	100
14) Pentachlorophenol	16.872	266	926	0.830	ng/ul	99
15) Phenanthrene	17.247	178	8402	0.325	ng/ul	100
16) Anthracene	17.344	178	6649	0.332	ng/ul	99
19) Fluoranthene	19.277	202	10065	0.384	ng/ul	100
20) Pyrene	19.639	202	10336	0.382	ng/ul	97
21) Benzo(a)anthracene	21.403	228	7514	0.389	ng/ul	99
22) Chrysene	21.456	228	9081	0.357	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	8516	0.364	ng/ul	98
25) Benzo(k)fluoranthene	23.096	252	8660	0.351	ng/ul	99
26) Benzo(a)pyrene	23.657	252	7595	0.356	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.182	276	8463	0.332	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.202	278	6780	0.336	ng/ul	99
29) Benzo(g,h,i)perylene	26.916	276	7615	0.335	ng/ul	98

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

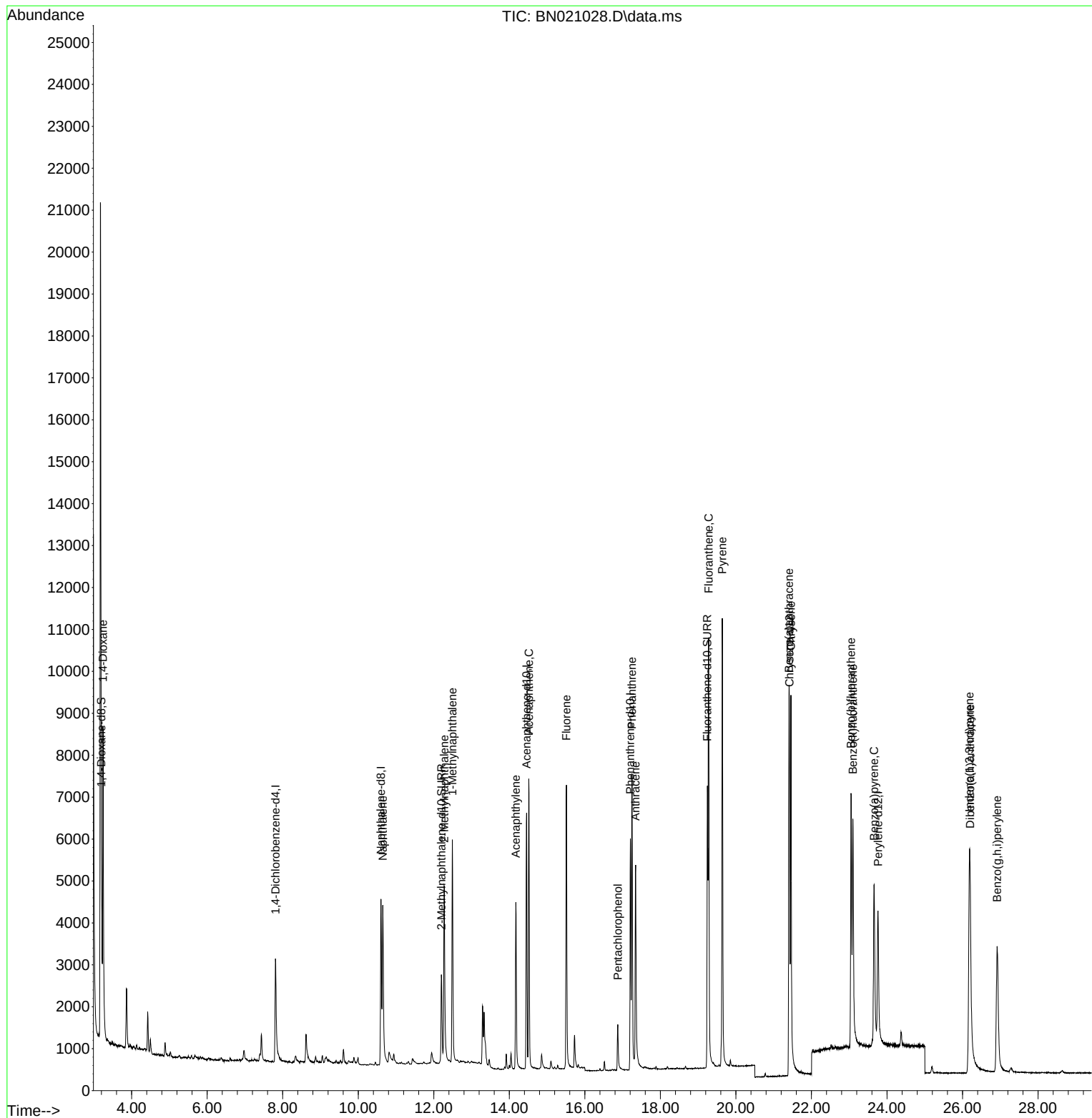
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021028.D
Acq On : 05 Aug 2022 15:54
Operator : CG/JU
Sample : N3951-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

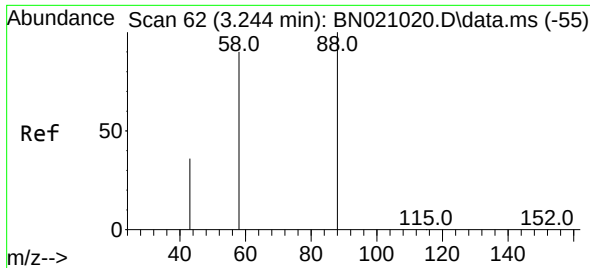
Instrument :
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Supervised By :Sohil Jodhani 08/09/2022

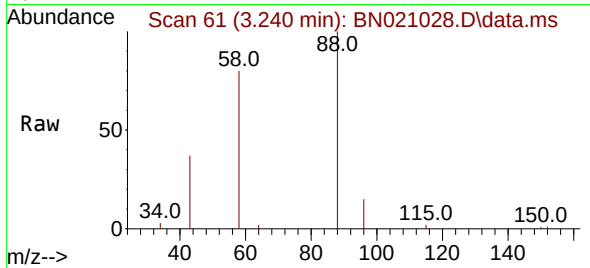
Quant Time: Aug 06 00:28:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.915 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

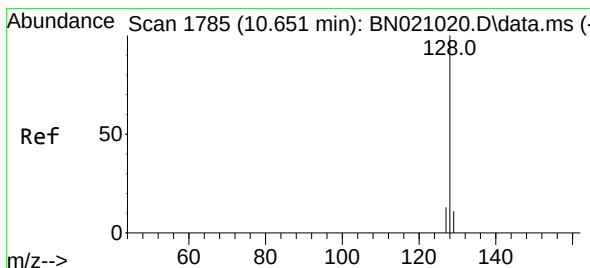
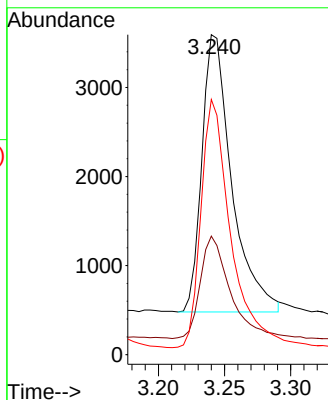
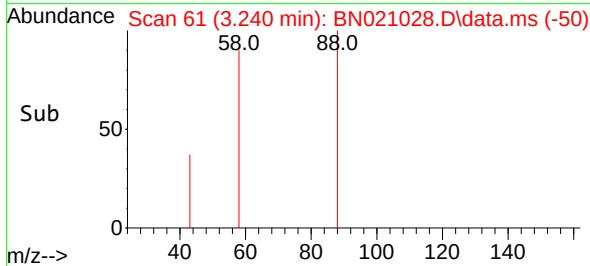
Instrument :
BNA_N
ClientSampleId :
C0CA0



Tgt Ion: 88 Resp: 4892
Ion Ratio Lower Upper
88 100
43 37.1 31.4 47.0
58 79.8 49.0 73.6

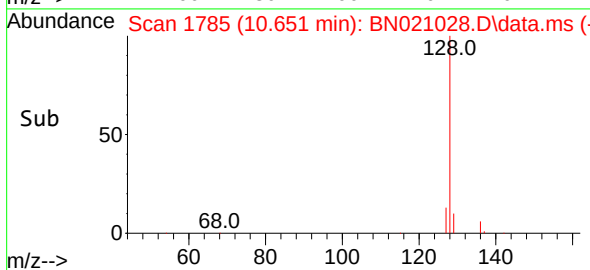
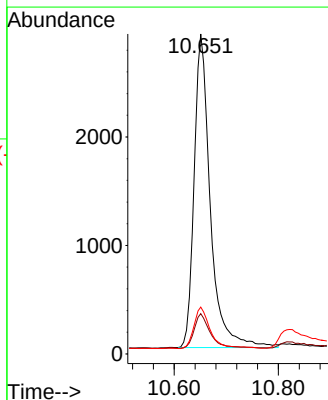
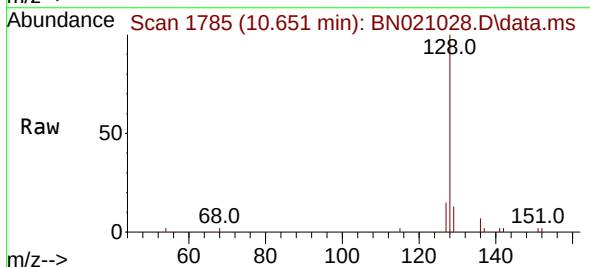
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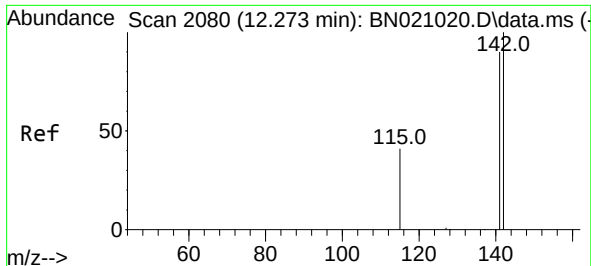
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

Tgt Ion:128 Resp: 6263
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 14.6 11.6 17.4





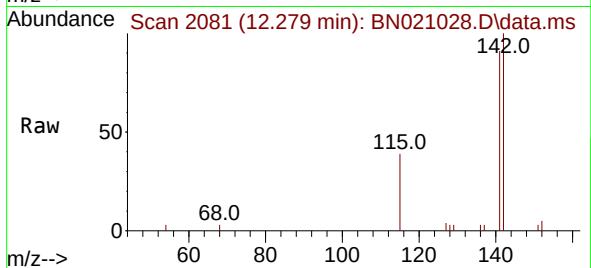
#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

Instrument :

BNA_N

ClientSampleId :

COCA0

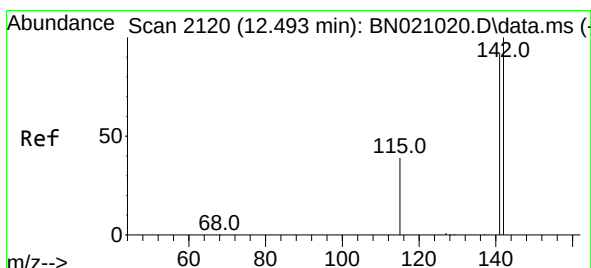
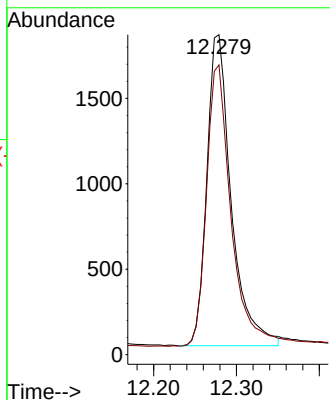
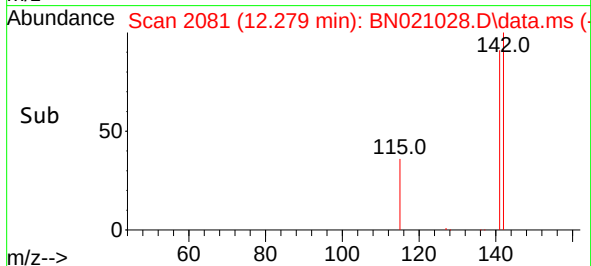


Tgt Ion:142 Resp: 373
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.2

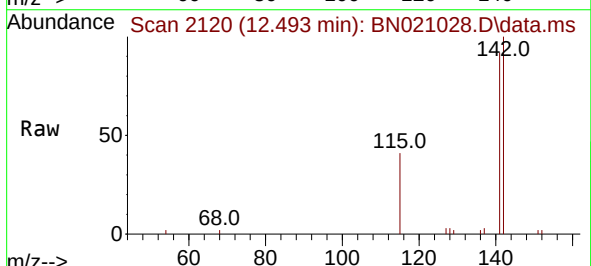
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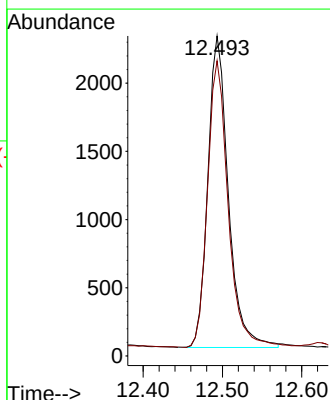
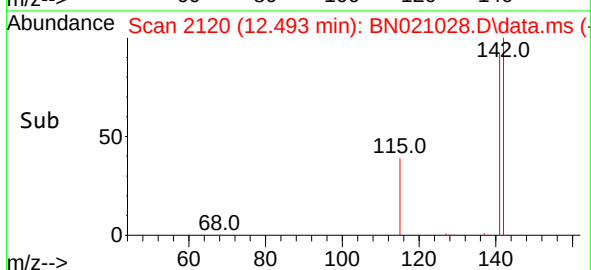
Reviewed By :Jagrut Upadhyay 08/08/2022
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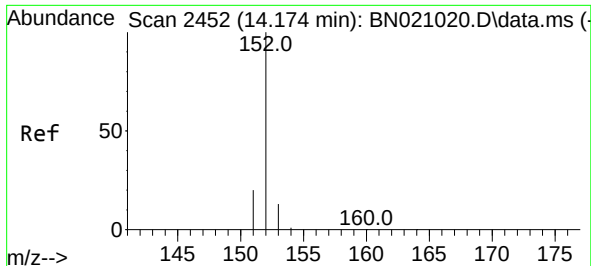


#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54



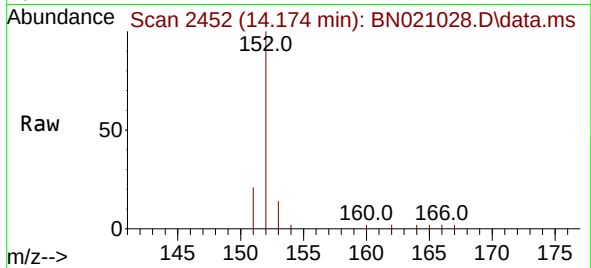
Tgt Ion:142 Resp: 4104
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9





#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.005 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

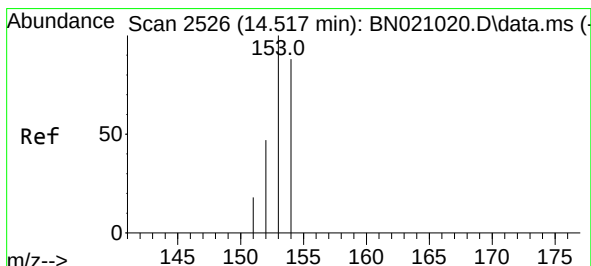
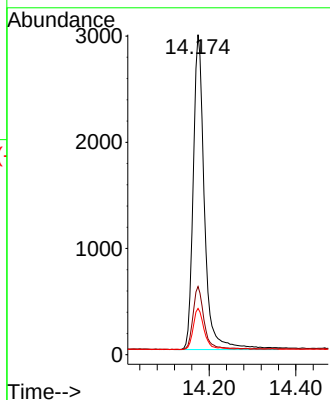
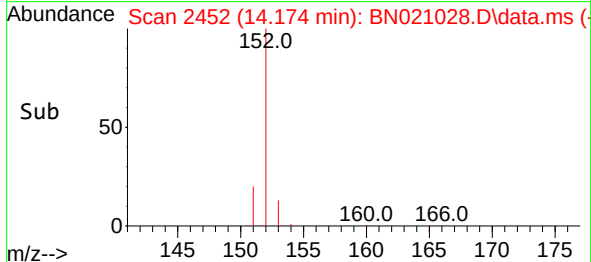
Instrument :
BNA_N
ClientSampleId :
C0CA0



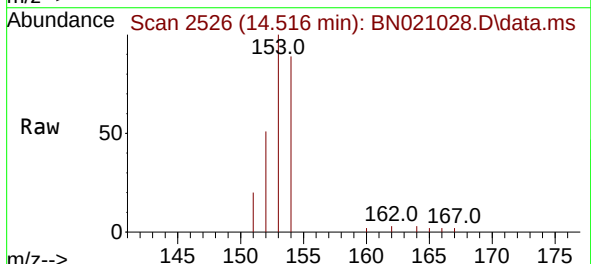
Tgt Ion:152 Resp: 5330
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 14.5 11.2 16.8

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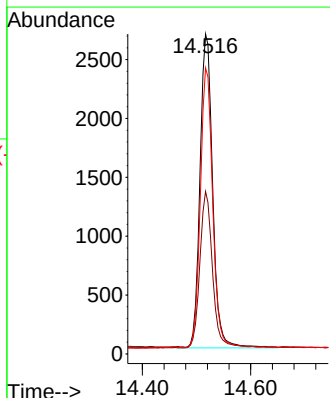
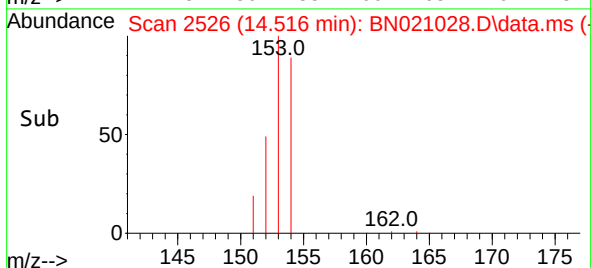
Reviewed By :Jagrut Upadhyay 08/08/2022
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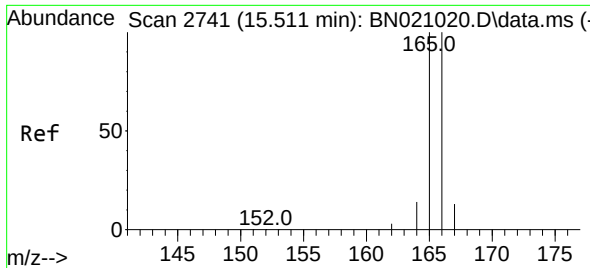


#11
Acenaphthene
Concen: 0.301 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54



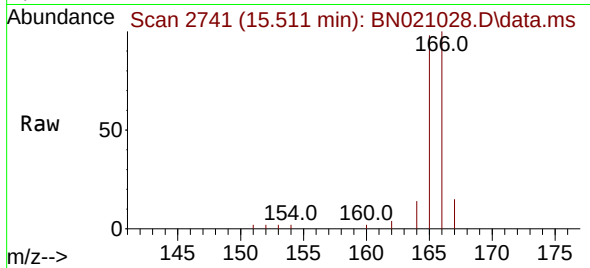
Tgt Ion:153 Resp: 4329
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 89.4 70.7 106.1





#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

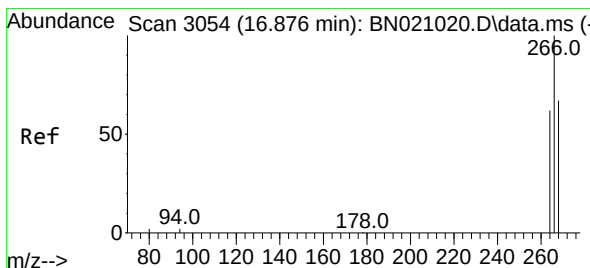
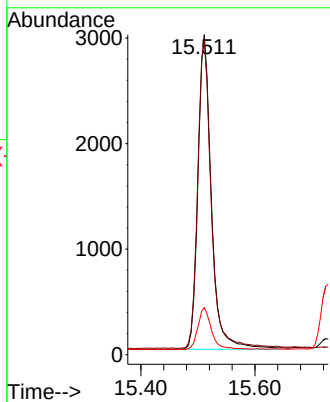
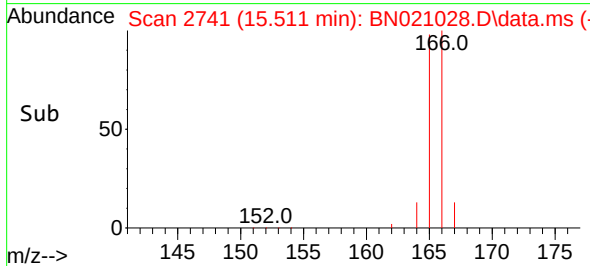
Instrument :
BNA_N
ClientSampleId :
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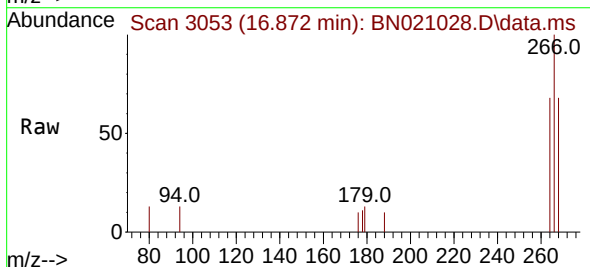
Tgt Ion:166 Resp: 486
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 14.7 11.8 17.6

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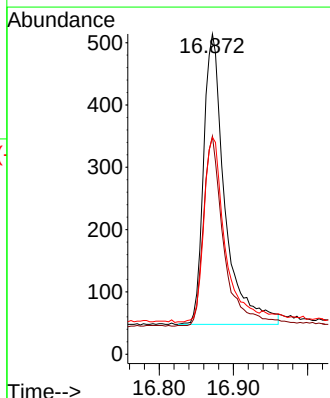
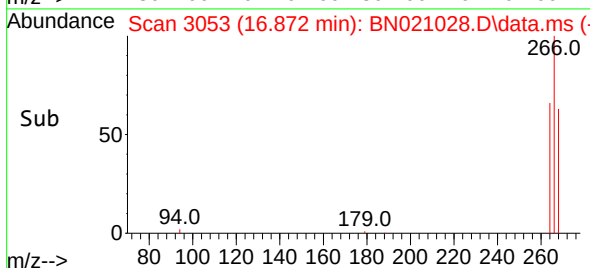
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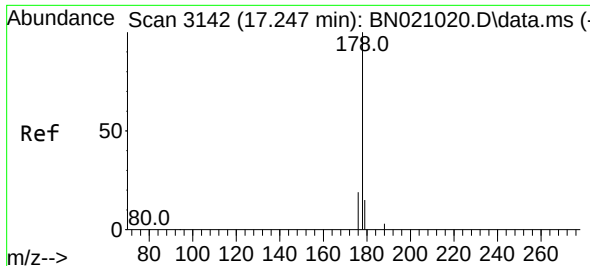


#14
Pentachlorophenol
Concen: 0.830 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.009 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54



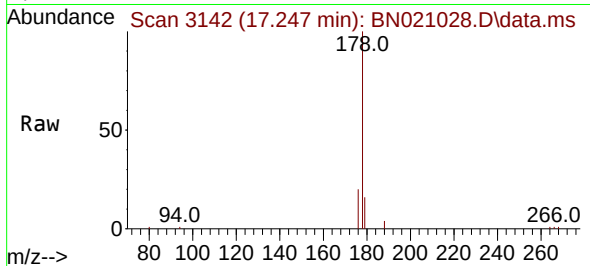
Tgt Ion:266 Resp: 926
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 63.8 50.6 75.8





#15
Phenanthrene
Concen: 0.325 ng/u1
RT: 17.247 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

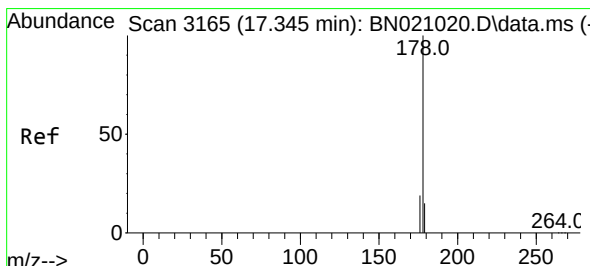
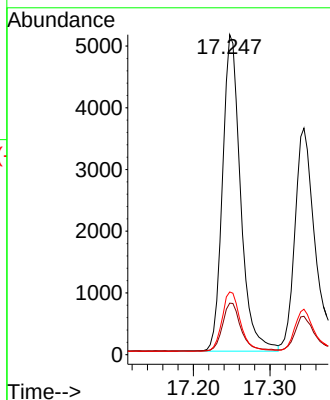
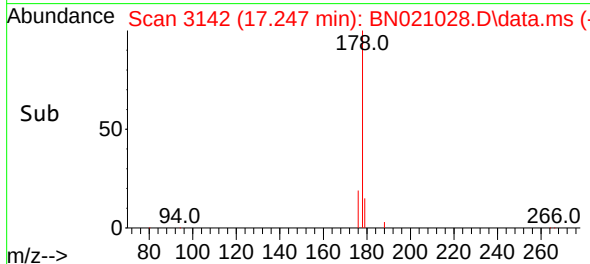
Instrument :
BNA_N
ClientSampleId :
C0CA0



Tgt Ion:178 Resp: 8402
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.6 15.9 23.9

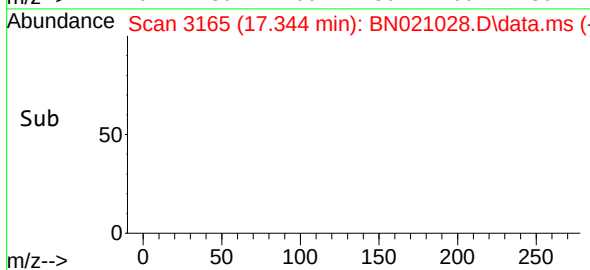
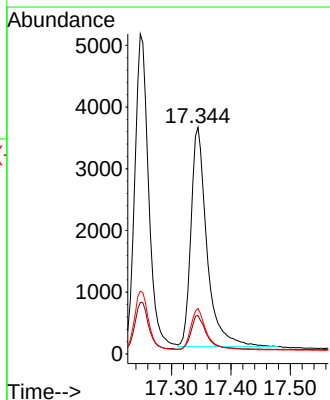
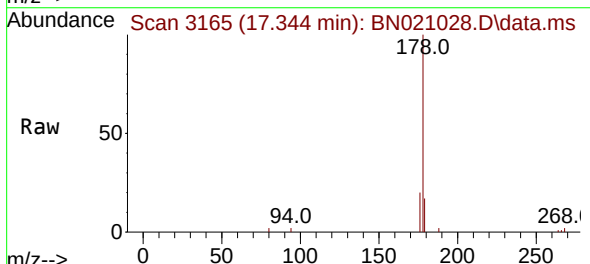
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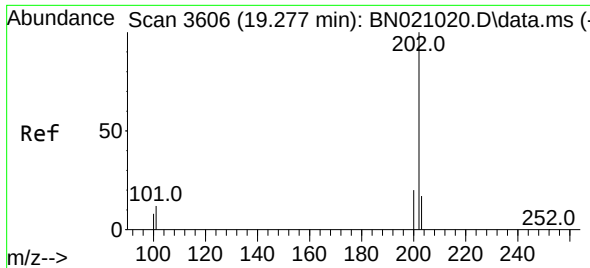
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#16
Anthracene
Concen: 0.332 ng/u1
RT: 17.344 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

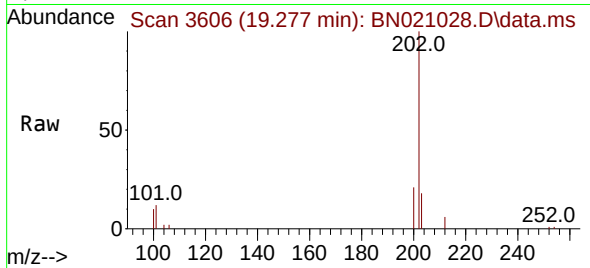
Tgt Ion:178 Resp: 6649
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.0 15.9 23.9





#19
Fluoranthene
Concen: 0.384 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

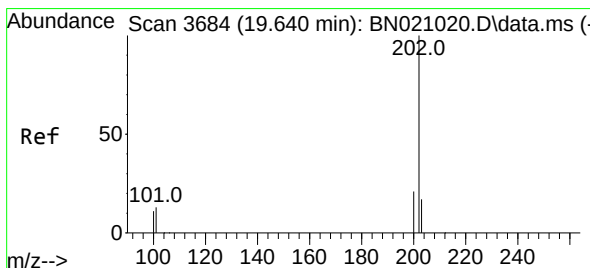
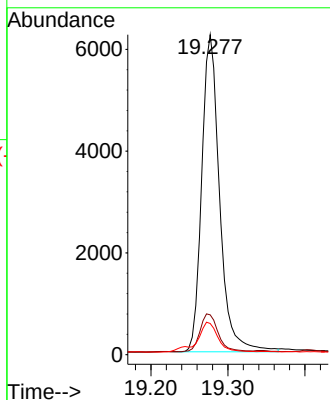
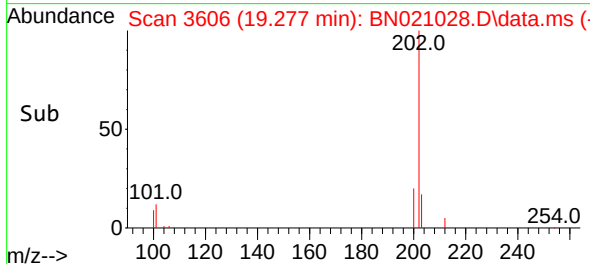
Instrument :
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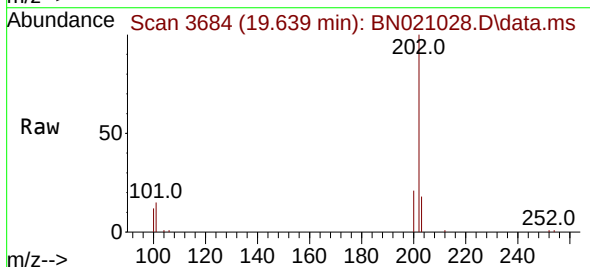
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Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.7 8.0 12.0

Manual Integrations
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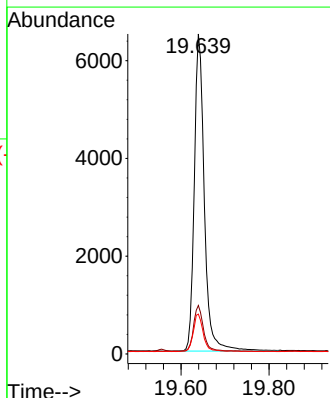
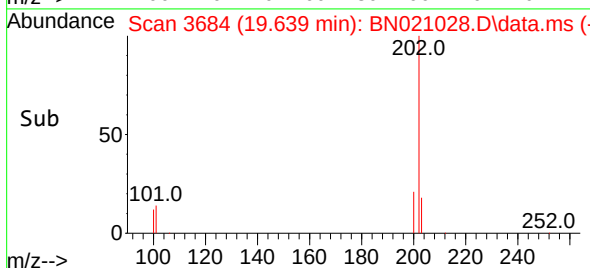
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Supervised By :Sohil Jodhani 08/09/2022

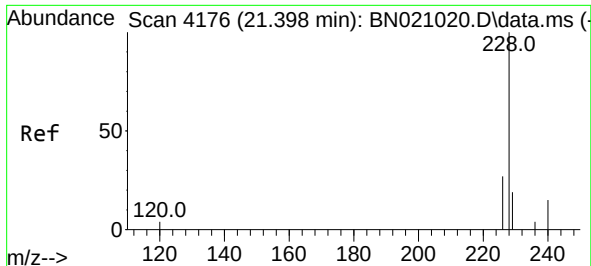


#20
Pyrene
Concen: 0.382 ng/u1
RT: 19.639 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54



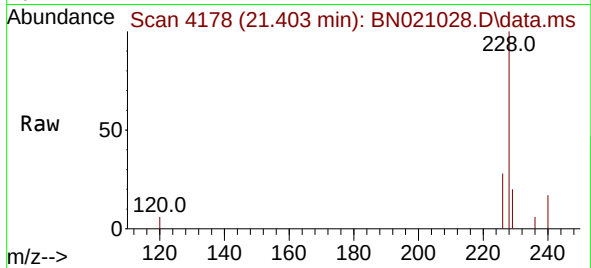
Tgt Ion:202 Resp: 10336
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.403 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

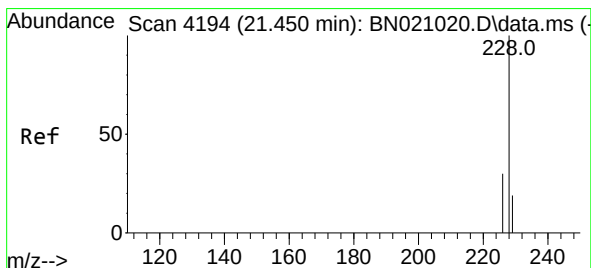
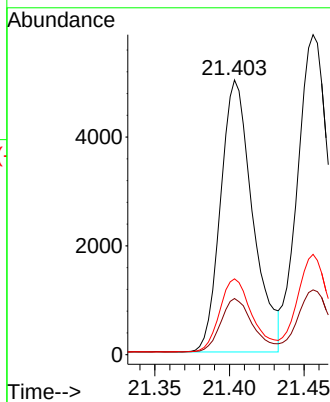
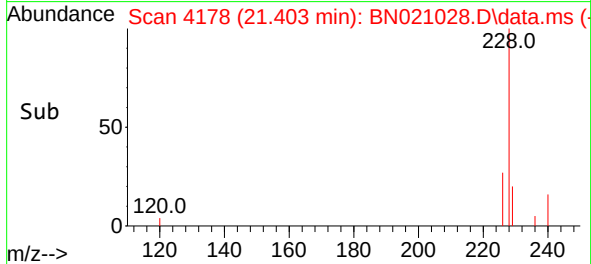
Instrument :
BNA_N
ClientSampleId :
C0CA0



Tgt Ion:228 Resp: 7514
Ion Ratio Lower Upper
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229 20.4 16.0 24.0
226 27.6 21.9 32.9

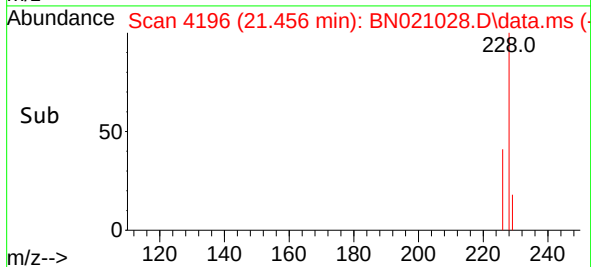
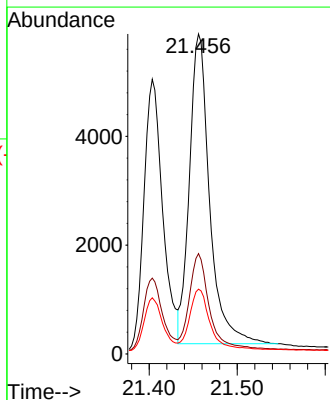
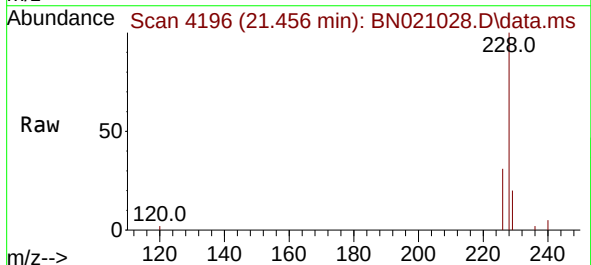
Manual Integrations
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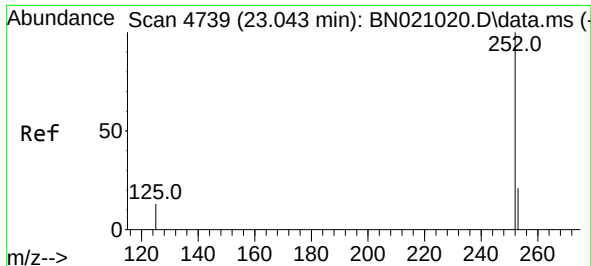
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

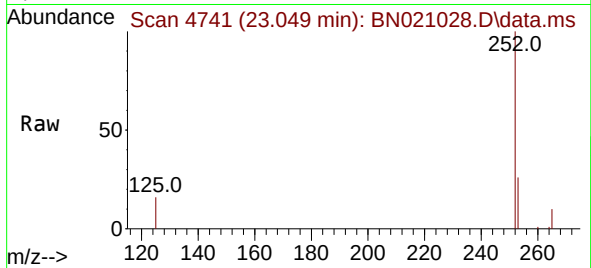
Tgt Ion:228 Resp: 9081
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 20.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.049 min Scan# 4739
Delta R.T. -0.003 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

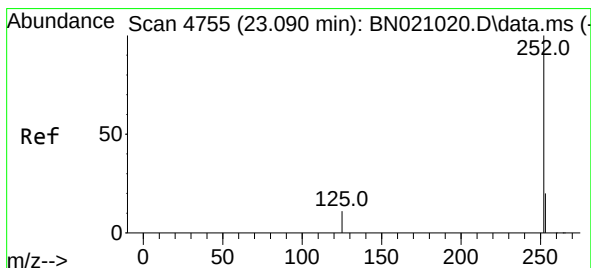
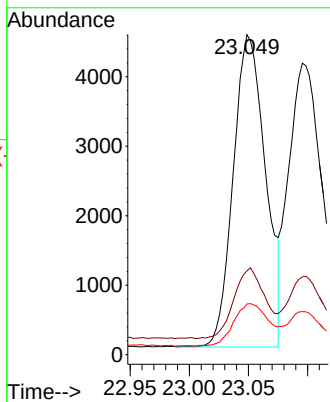
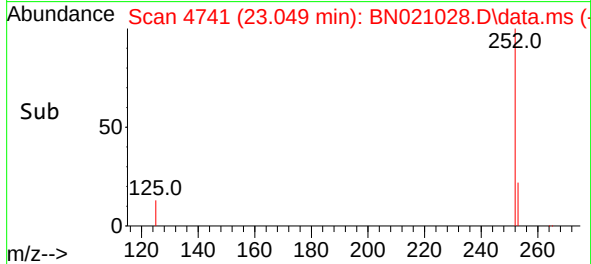
Instrument :
BNA_N
ClientSampleId :
C0CA0



Tgt Ion:252 Resp: 8510
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.8
125 15.9 0.0 30.0

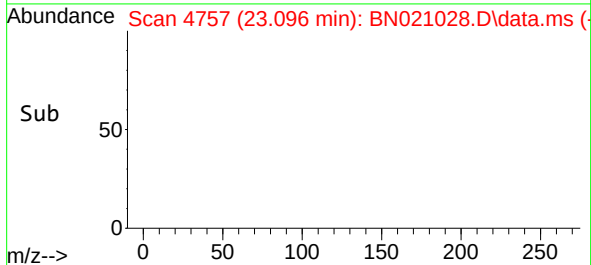
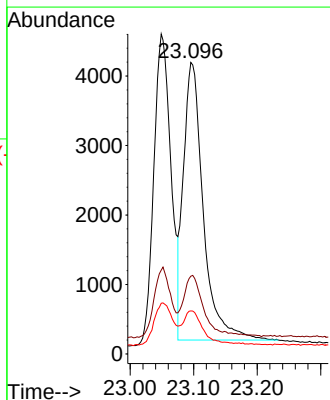
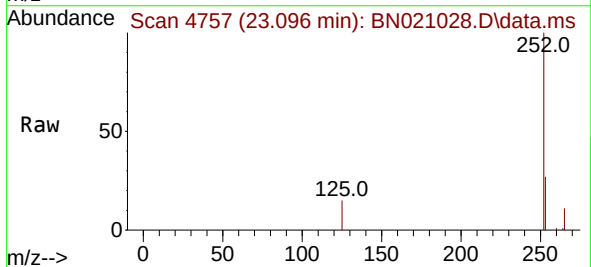
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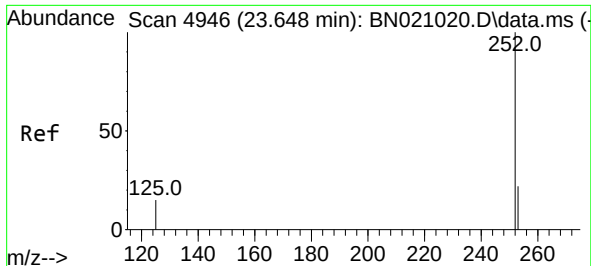
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.096 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

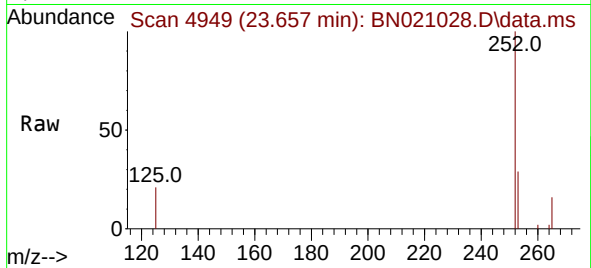
Tgt Ion:252 Resp: 8660
Ion Ratio Lower Upper
252 100
253 26.7 20.6 31.0
125 14.8 11.8 17.6





#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.657 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

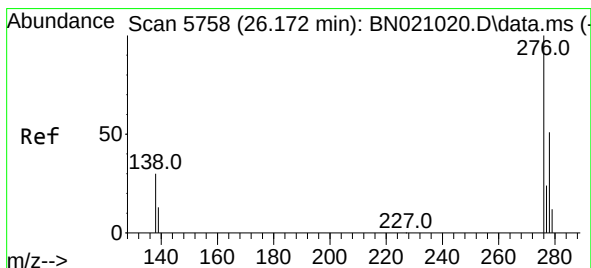
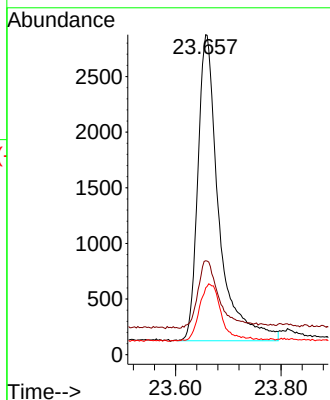
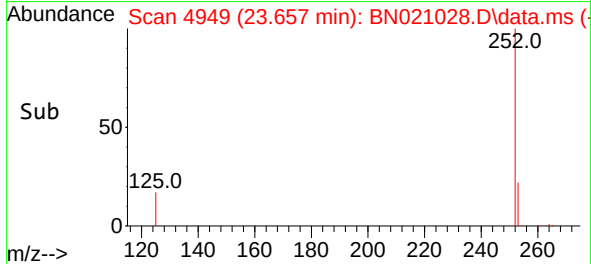
Instrument :
BNA_N
ClientSampleId :
COCA0



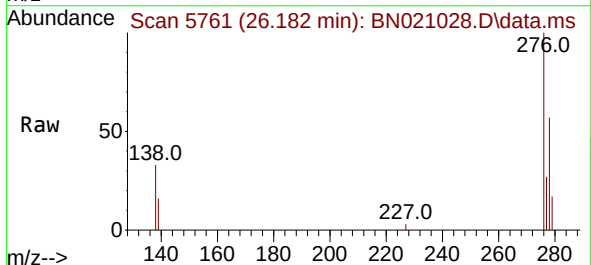
Tgt Ion:252 Resp: 759
Ion Ratio Lower Upper
252 100
253 29.3 22.1 33.1
125 20.9 14.7 22.1

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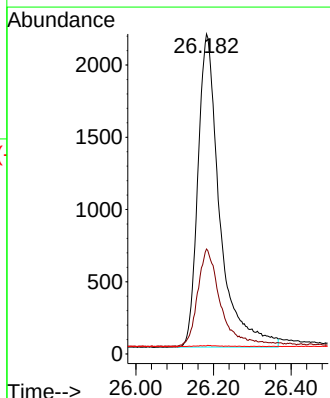
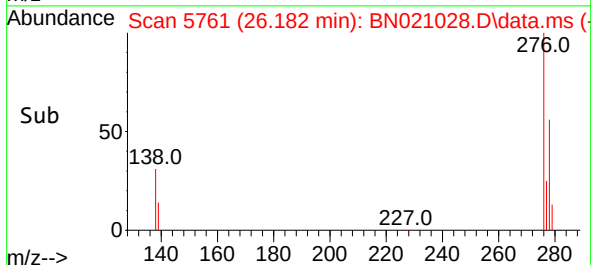
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

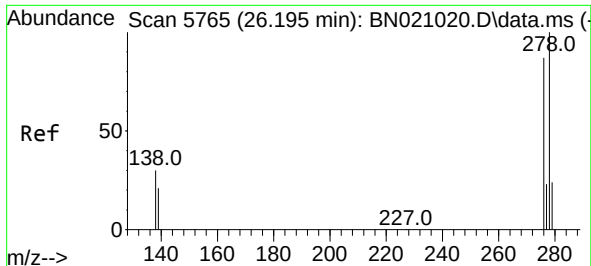


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 26.182 min Scan# 5761
Delta R.T. -0.003 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54



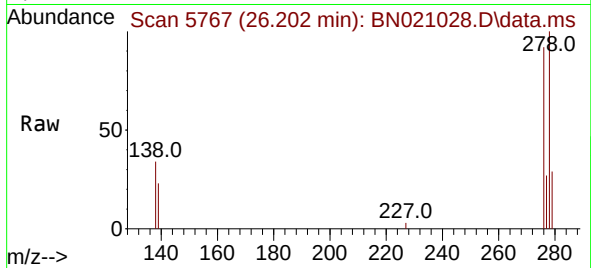
Tgt Ion:276 Resp: 8463
Ion Ratio Lower Upper
276 100
138 33.0 26.1 39.1
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.202 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54

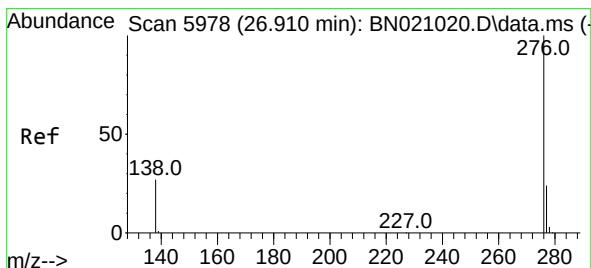
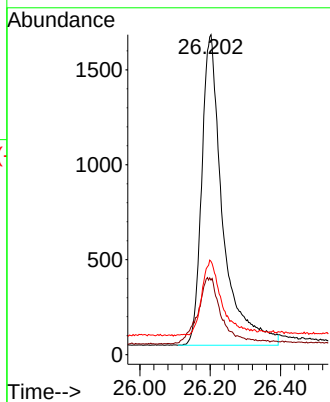
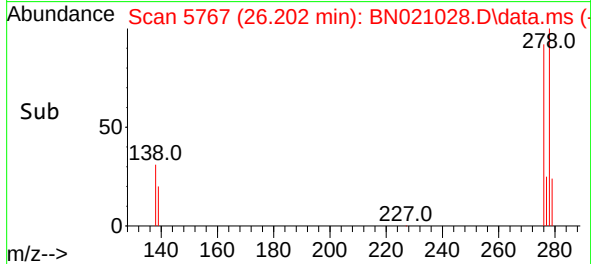
Instrument :
BNA_N
ClientSampleId :
C0CA0



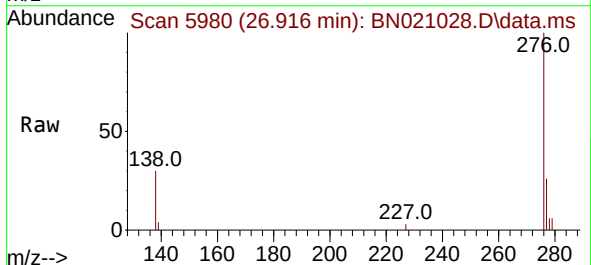
Tgt Ion: 278 Resp: 6780
Ion Ratio Lower Upper
278 100
139 23.3 18.3 27.5
279 29.1 23.9 35.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 26.916 min Scan# 5980
Delta R.T. -0.014 min
Lab File: BN021028.D
Acq: 05 Aug 2022 15:54



Tgt Ion: 276 Resp: 7615
Ion Ratio Lower Upper
276 100
138 29.6 22.6 34.0
277 25.7 20.2 30.2

