

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026074.D
 Acq On : 29 Jun 2023 01:20
 Operator : MA/JU
 Sample : 03142-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 01:59:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7937	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	25716	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	16058	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	31347	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	16297	0.400	ng/ul	# 0.00
23) Perylene-d12	23.992	264	16064	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	33030	3.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	11150	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	20157	0.325	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	35405	0.480	ng/ul	99
7) 2-Methylnaphthalene	12.435	142	19600	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	14168	0.291	ng/ul	100
10) Acenaphthylene	14.329	152	35980	0.478	ng/ul	99
11) Acenaphthene	14.667	153	11923	0.194	ng/ul	98
12) Fluorene	15.652	166	9711	0.138	ng/ul#	97
15) Phenanthrene	17.393	178	320895	3.099	ng/ul	99
16) Anthracene	17.486	178	54890	0.596	ng/ul	98
19) Fluoranthene	19.409	202	763300	8.769	ng/ul#	78
20) Pyrene	19.771	202	681051	7.522	ng/ul	96
21) Benzo(a)anthracene	21.519	228	306712	4.562	ng/ul	97
22) Chrysene	21.572	228	373610	5.341	ng/ul	97
24) Benzo(b)fluoranthene	23.241	252	558404m	8.144	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	182393m	2.649	ng/ul	
26) Benzo(a)pyrene	23.881	252	334764	5.622	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.553	276	295761	4.547	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.563	278	69623	1.414	ng/ul	95
29) Benzo(g,h,i)perylene	27.345	276	285495	4.934	ng/ul	95

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

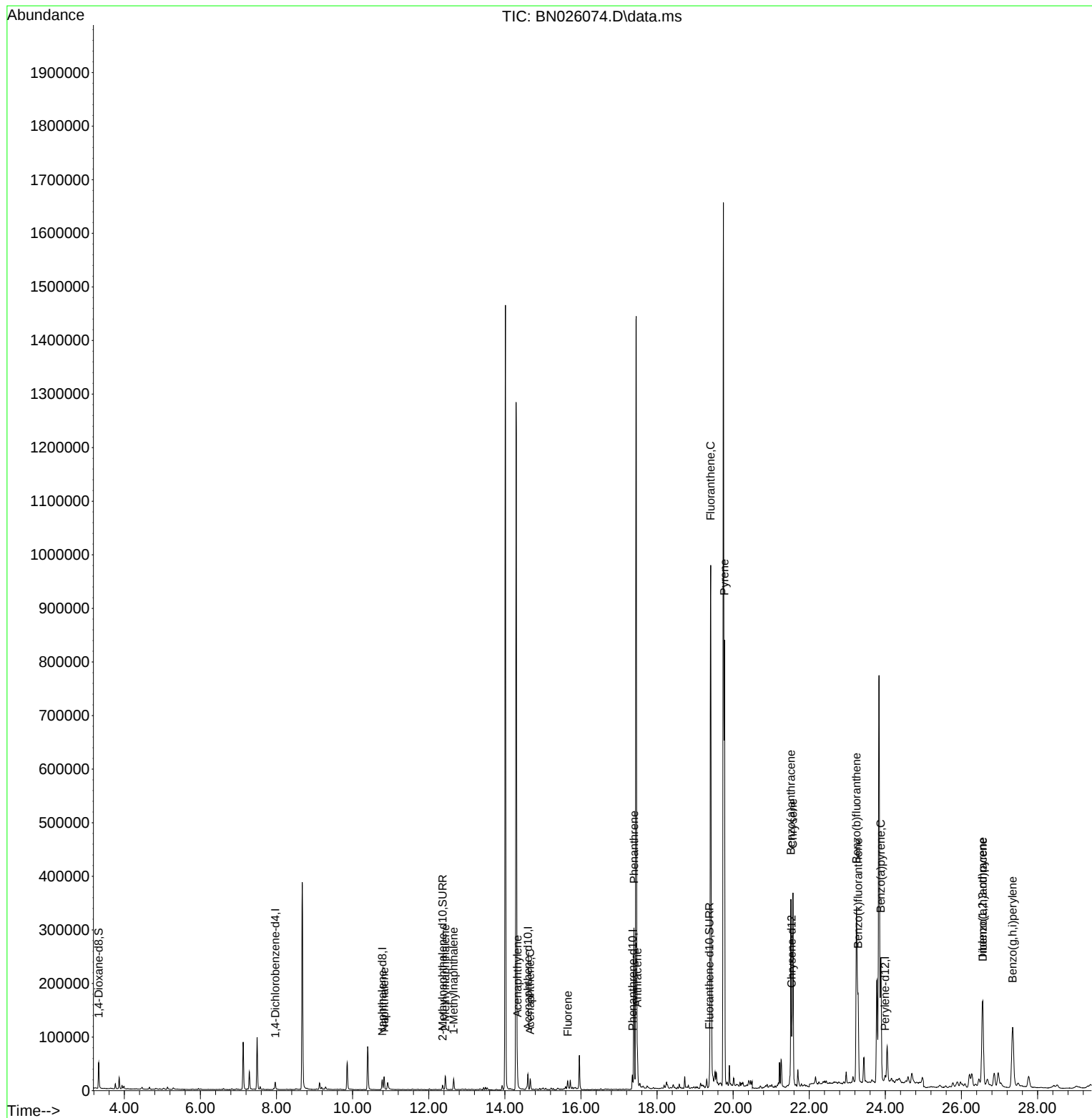
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026074.D
Acq On : 29 Jun 2023 01:20
Operator : MA/JU
Sample : 03142-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

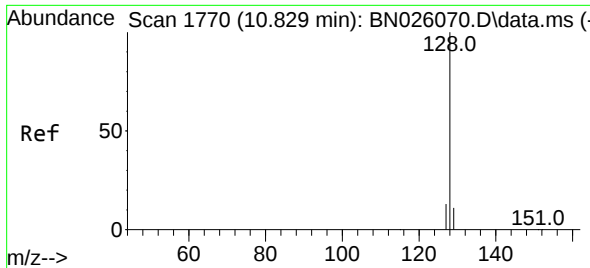
Instrument :
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DCFS9

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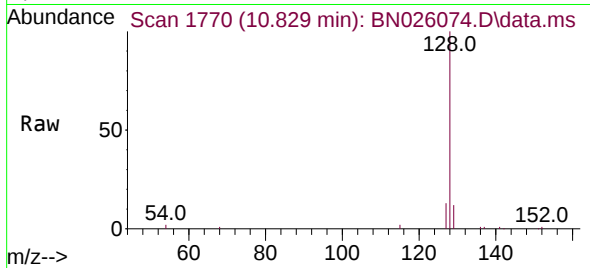
Quant Time: Jun 29 01:59:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.480 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

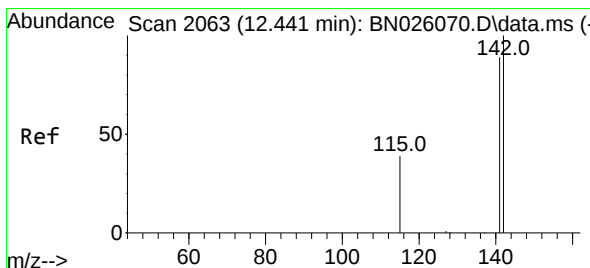
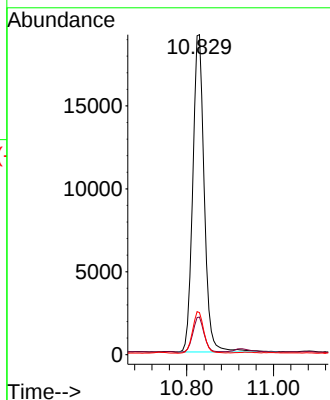
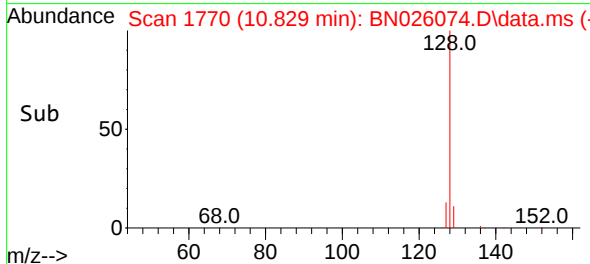
Instrument :
BNA_N
ClientSampleId :
DCFS9



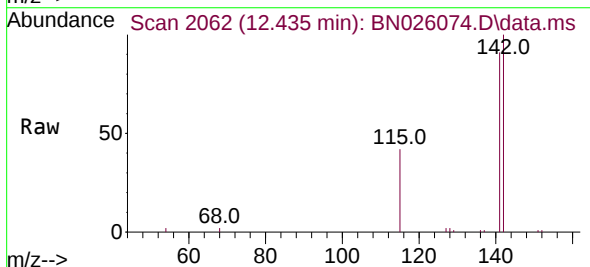
Tgt Ion:128 Resp: 3540
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.2 10.7 16.1

Manual Integrations
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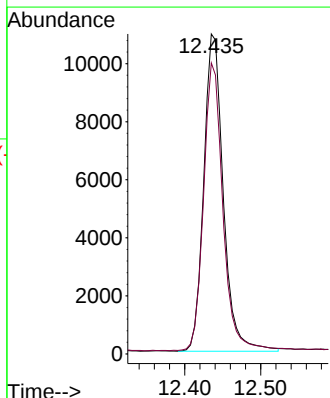
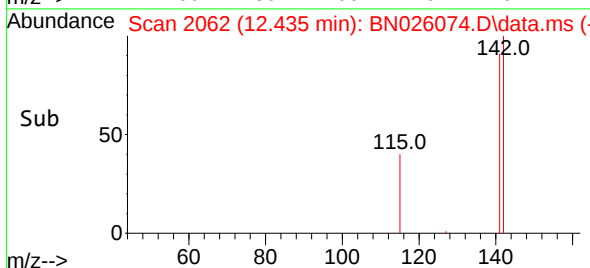
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

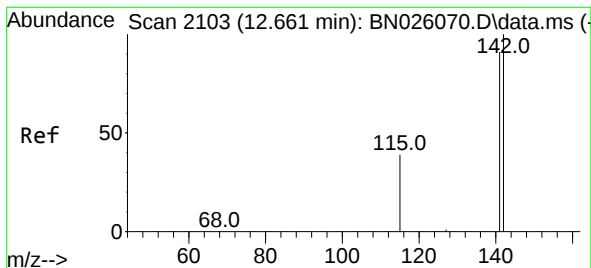


#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20



Tgt Ion:142 Resp: 19600
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.291 ng/ul

RT: 12.655 min Scan# 2102

Delta R.T. -0.007 min

Lab File: BN026074.D

Acq: 29 Jun 2023 01:20

Instrument :

BNA_N

ClientSampleId :

DCFS9

Tgt Ion:142 Resp: 1416

Ion Ratio Lower Upper

142 100

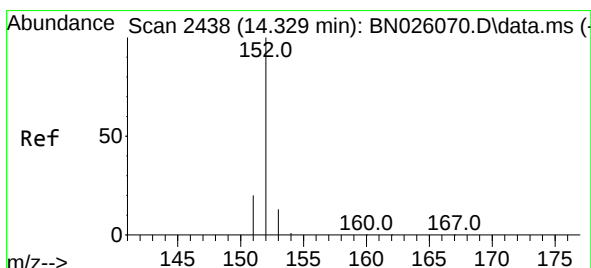
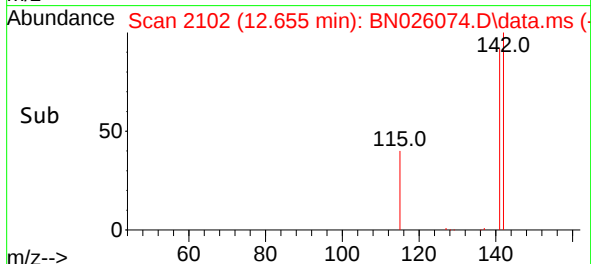
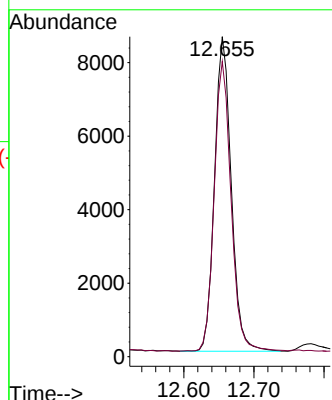
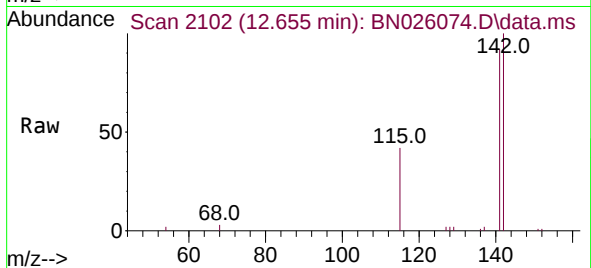
141 92.7 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/30/2023



#10

Acenaphthylene

Concen: 0.478 ng/ul

RT: 14.329 min Scan# 2438

Delta R.T. -0.001 min

Lab File: BN026074.D

Acq: 29 Jun 2023 01:20

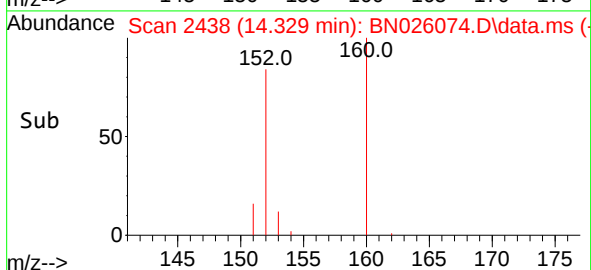
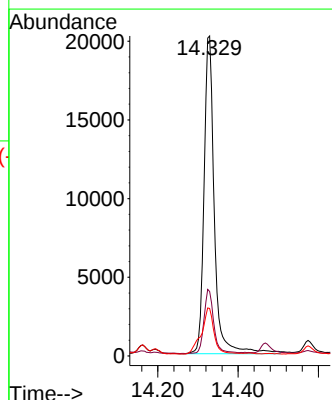
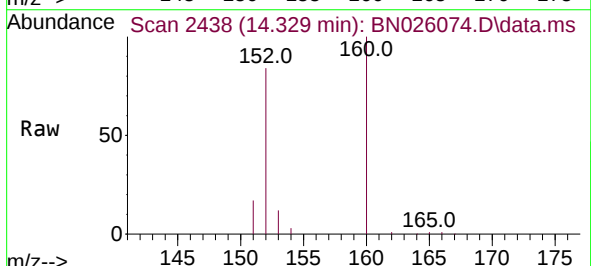
Tgt Ion:152 Resp: 35980

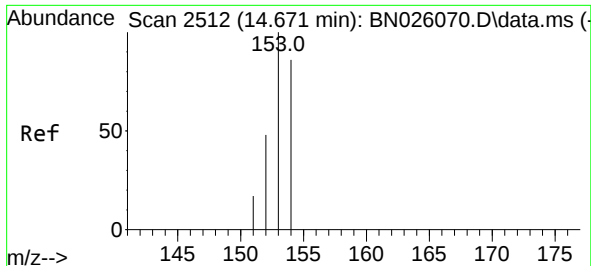
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

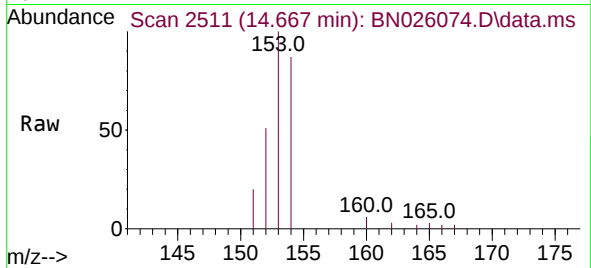
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.194 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

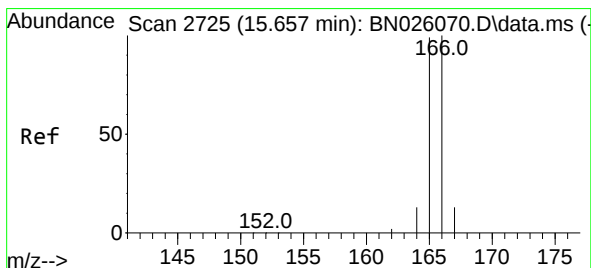
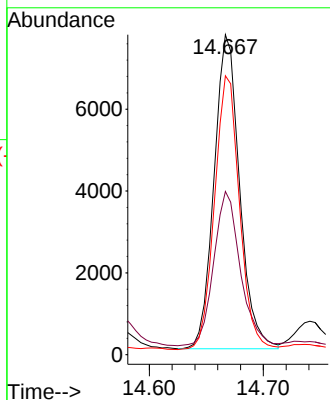
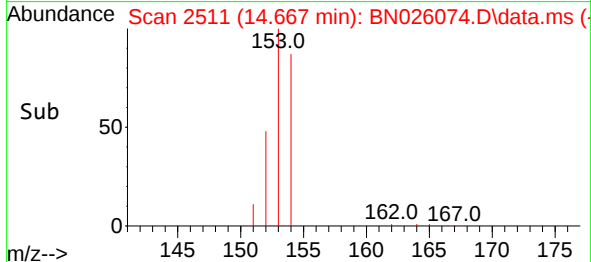
Instrument :
BNA_N
ClientSampleId :
DCFS9



Tgt Ion:153 Resp: 1192
Ion Ratio Lower Upper
153 100
152 51.0 39.4 59.0
154 87.1 68.9 103.3

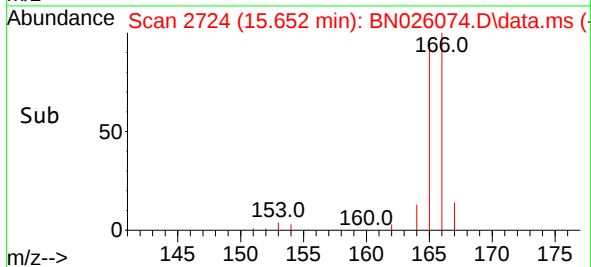
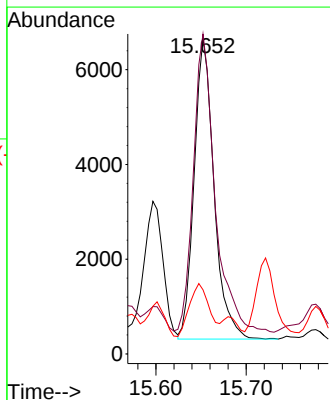
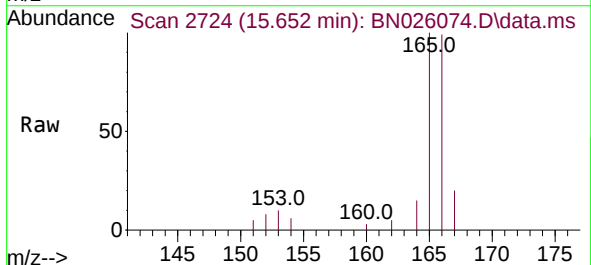
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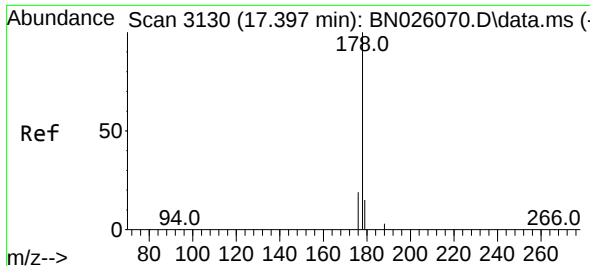
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.652 min Scan# 2724
Delta R.T. -0.010 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

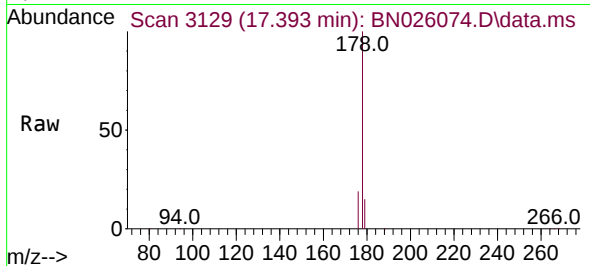
Tgt Ion:166 Resp: 9711
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 20.3 10.8 16.2#





#15
Phenanthrene
Concen: 3.099 ng/u1
RT: 17.393 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

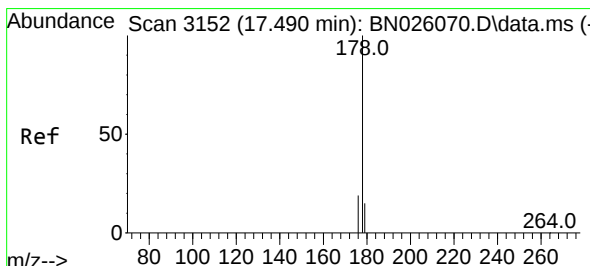
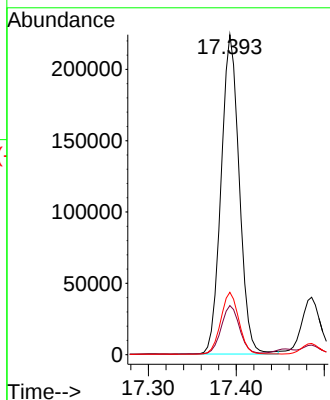
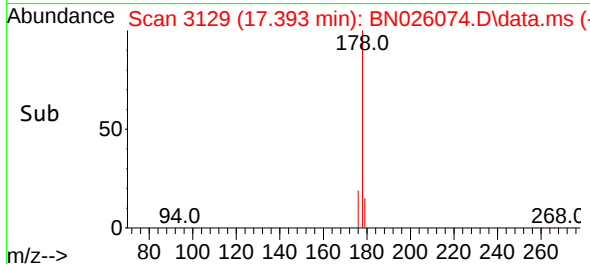
Instrument :
BNA_N
ClientSampleId :
DCFS9



Tgt Ion:178 Resp: 320895
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6

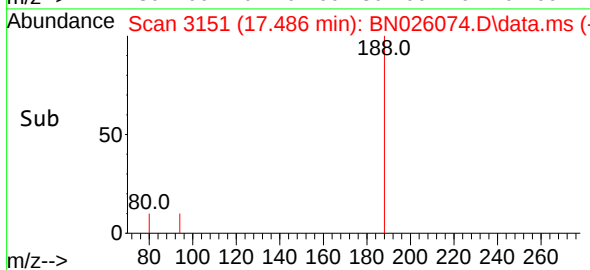
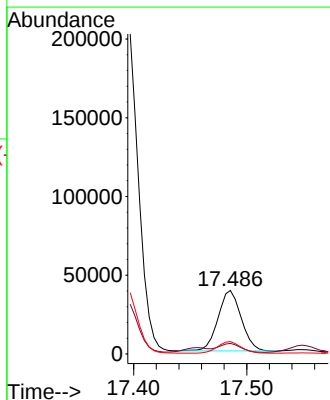
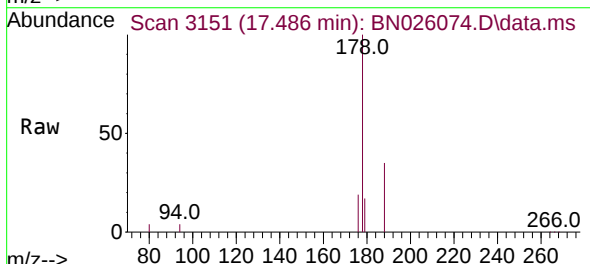
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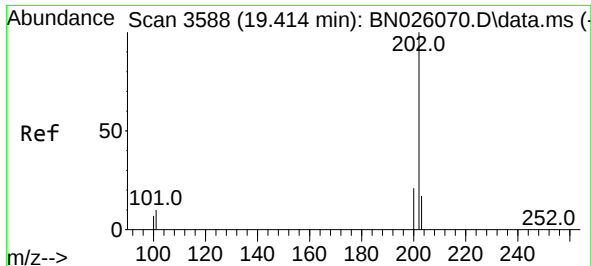
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.596 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

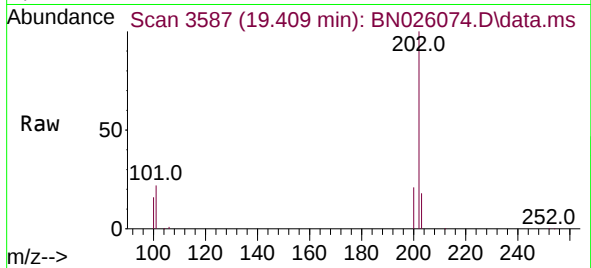
Tgt Ion:178 Resp: 54890
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 8.769 ng/ul
RT: 19.409 min Scan# 3587
Delta R.T. -0.006 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

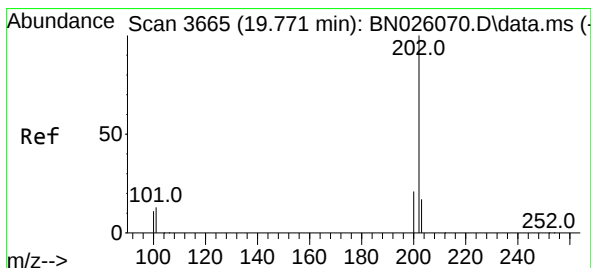
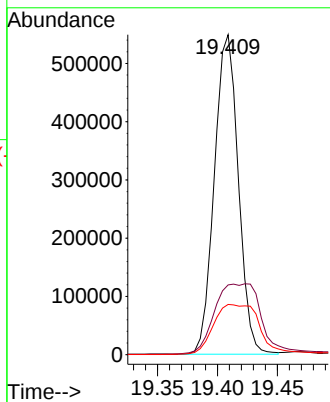
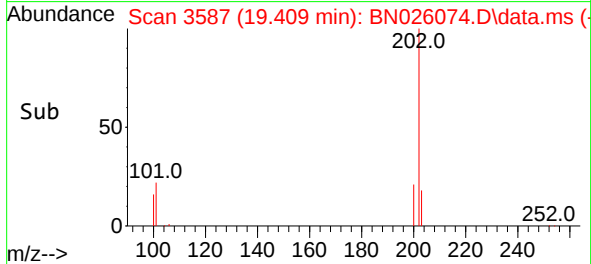
Instrument :
BNA_N
ClientSampleId :
DCFS9



Tgt Ion:202 Resp: 763300
Ion Ratio Lower Upper
202 100
101 21.8 9.5 14.3
100 15.7 7.3 10.9

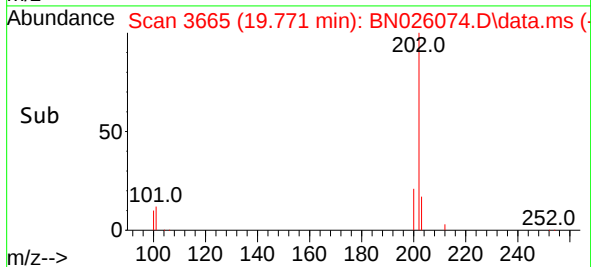
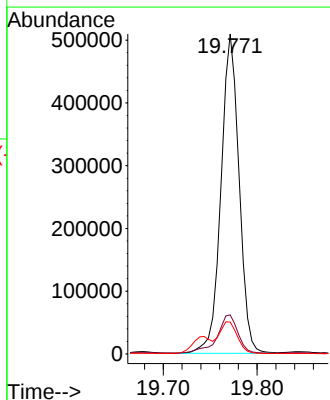
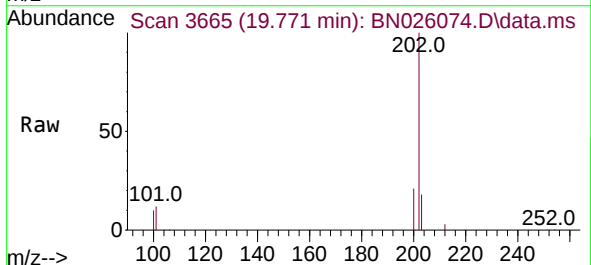
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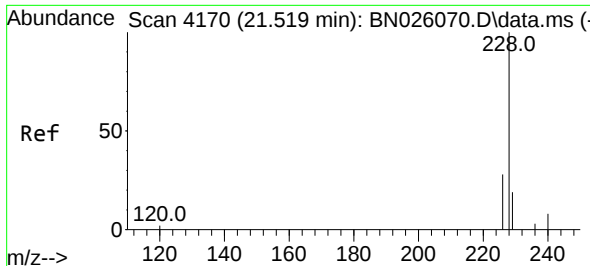
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 7.522 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

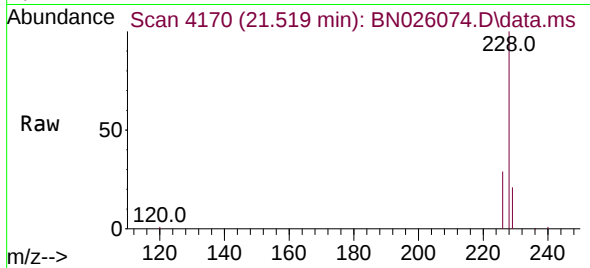
Tgt Ion:202 Resp: 681051
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.562 ng/ul
RT: 21.519 min Scan# 4170
Delta R.T. -0.010 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

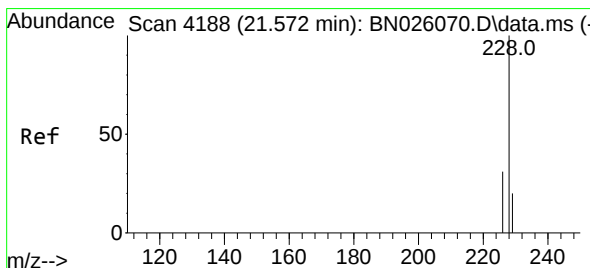
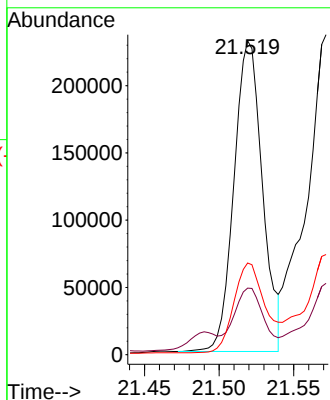
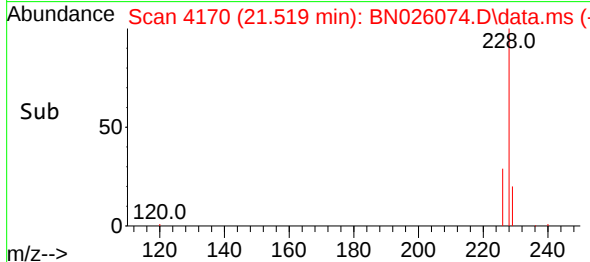
Instrument :
BNA_N
ClientSampleId :
DCFS9



Tgt Ion:228 Resp: 30671
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.2 22.5 33.7

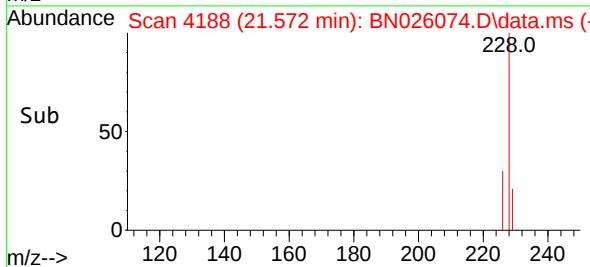
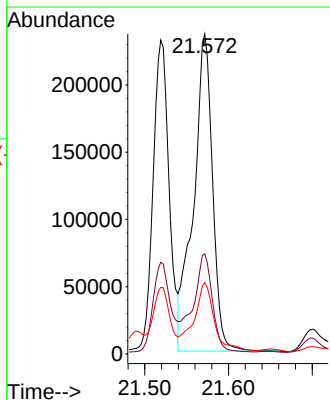
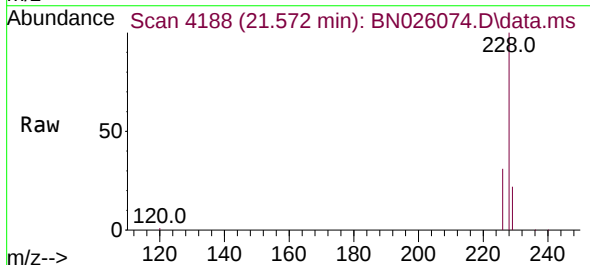
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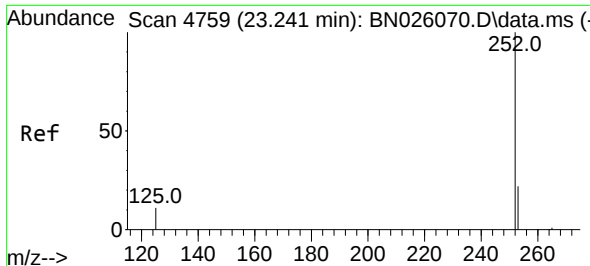
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 5.341 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

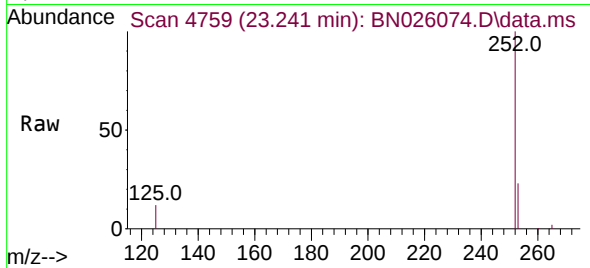
Tgt Ion:228 Resp: 373610
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.144 ng/ul m
RT: 23.241 min Scan# 4759
Delta R.T. -0.013 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

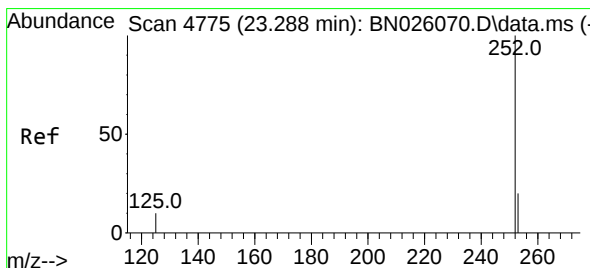
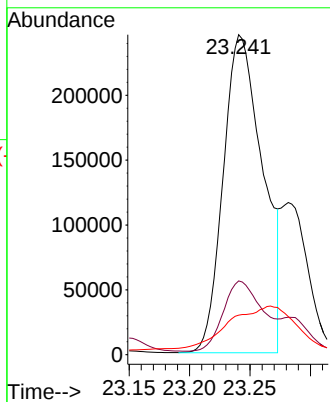
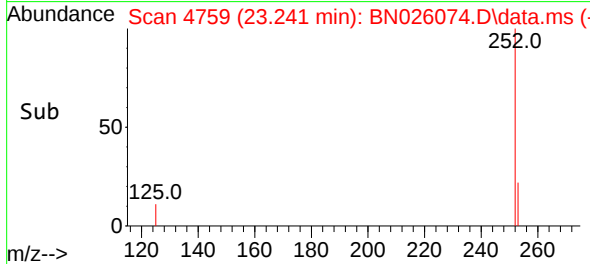
Instrument :
BNA_N
ClientSampleId :
DCFS9



Tgt Ion:252 Resp: 558404
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 12.3 0.0 35.8

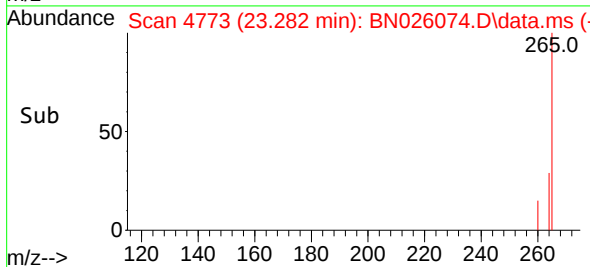
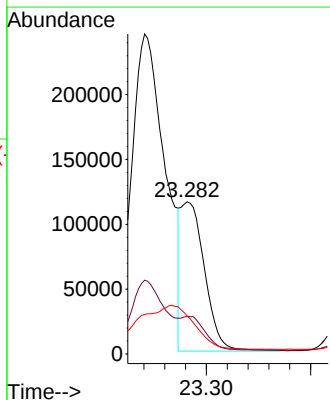
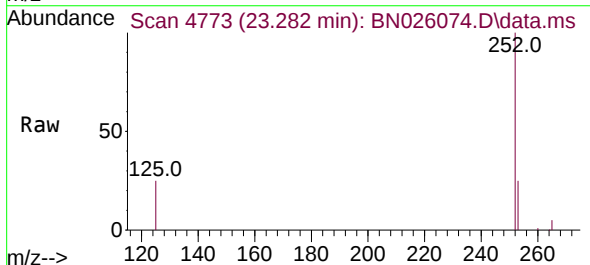
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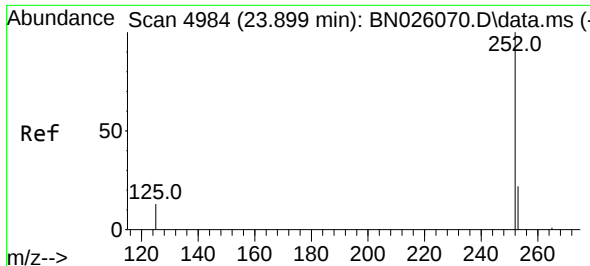
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 2.649 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.021 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

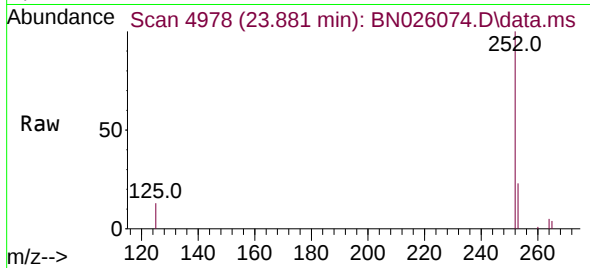
Tgt Ion:252 Resp: 182393
Ion Ratio Lower Upper
252 100
253 24.6 23.2 34.8
125 25.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 5.622 ng/ul
RT: 23.881 min Scan# 4984
Delta R.T. -0.024 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

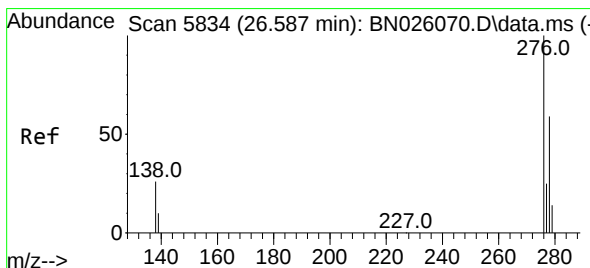
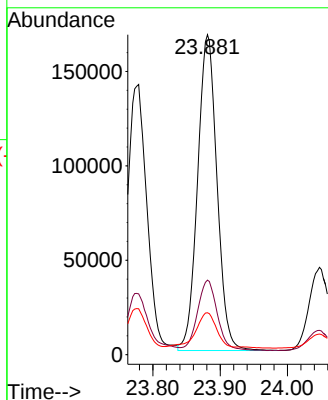
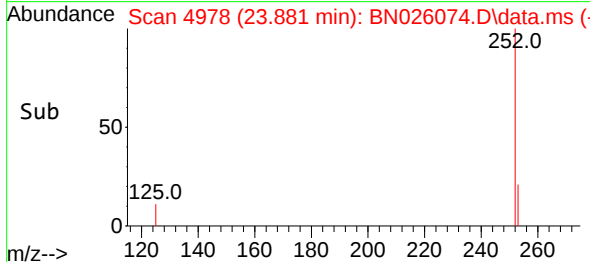
Instrument :
BNA_N
ClientSampleId :
DCFS9



Tgt Ion:252 Resp: 334764
Ion Ratio Lower Upper
252 100
253 23.3 26.0 39.0
125 13.1 17.3 25.9

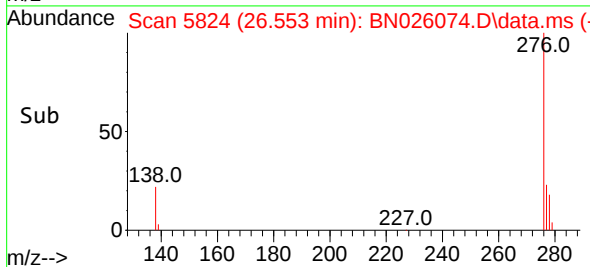
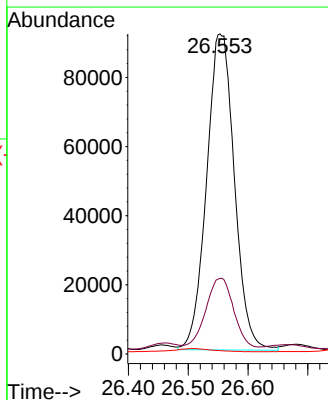
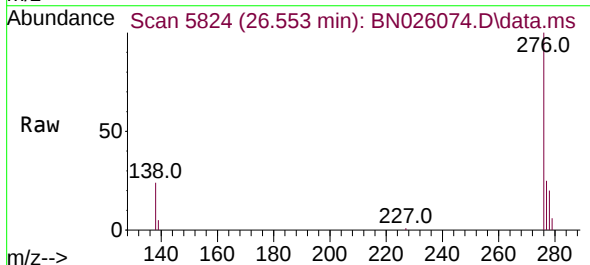
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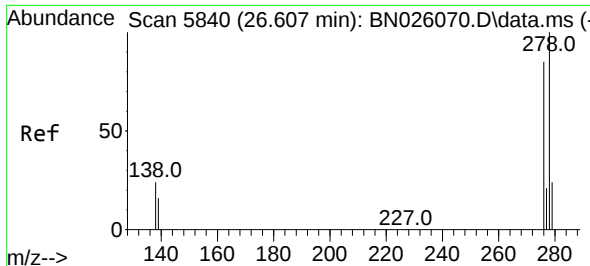
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.547 ng/ul
RT: 26.553 min Scan# 5824
Delta R.T. -0.041 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

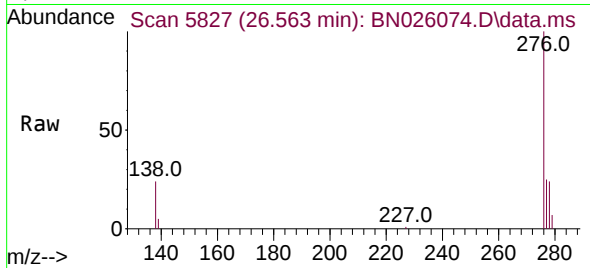
Tgt Ion:276 Resp: 295761
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.414 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. -0.051 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20

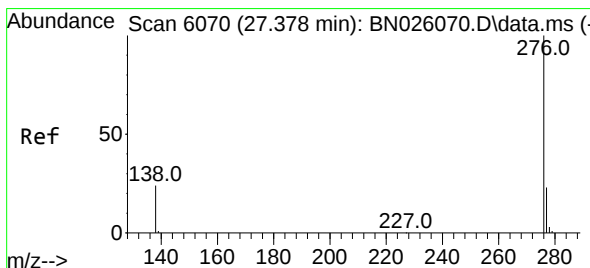
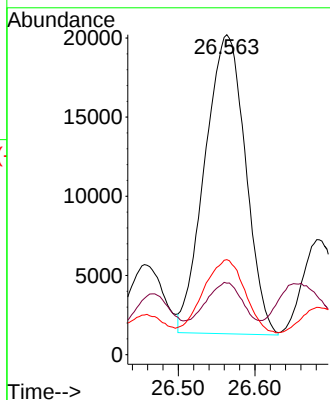
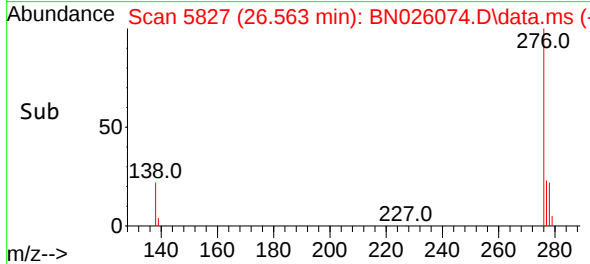
Instrument :
BNA_N
ClientSampleId :
DCFS9



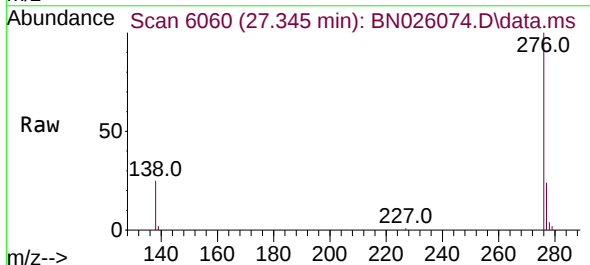
Tgt Ion:278 Resp: 6962
Ion Ratio Lower Upper
278 100
139 22.3 19.0 28.4
279 29.7 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 4.934 ng/ul
RT: 27.345 min Scan# 6060
Delta R.T. -0.041 min
Lab File: BN026074.D
Acq: 29 Jun 2023 01:20



Tgt Ion:276 Resp: 285495
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 24.2 20.0 30.0

