

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026077.D
 Acq On : 29 Jun 2023 03:08
 Operator : MA/JU
 Sample : 03142-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS1

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 03:42:04 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	8968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	29118	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	17389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	35795	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	19858	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	19709	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	27149	2.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	8192	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	16103	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	6308	0.076	ng/ul#	95
7) 2-Methylnaphthalene	12.436	142	3782	0.071	ng/ul	100
8) 1-Methylnaphthalene	12.656	142	2864	0.052	ng/ul	97
10) Acenaphthylene	14.326	152	5616	0.069	ng/ul#	92
11) Acenaphthene	14.668	153	2639	0.040	ng/ul	97
12) Fluorene	15.654	166	2256	0.030	ng/ul#	96
15) Phenanthrene	17.394	178	90032	0.761	ng/ul	100
16) Anthracene	17.487	178	12237	0.116	ng/ul	95
19) Fluoranthene	19.406	202	329963	3.111	ng/ul	100
20) Pyrene	19.773	202	276324	2.505	ng/ul	95
21) Benzo(a)anthracene	21.521	228	126667	1.546	ng/ul	96
22) Chrysene	21.574	228	181611	2.131	ng/ul	98
24) Benzo(b)fluoranthene	23.248	252	269985m	3.209	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	85632m	1.014	ng/ul	
26) Benzo(a)pyrene	23.889	252	151425	2.073	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.565	276	141432	1.772	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.572	278	33587	0.556	ng/ul#	89
29) Benzo(g,h,i)perylene	27.353	276	141496	1.993	ng/ul	96

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

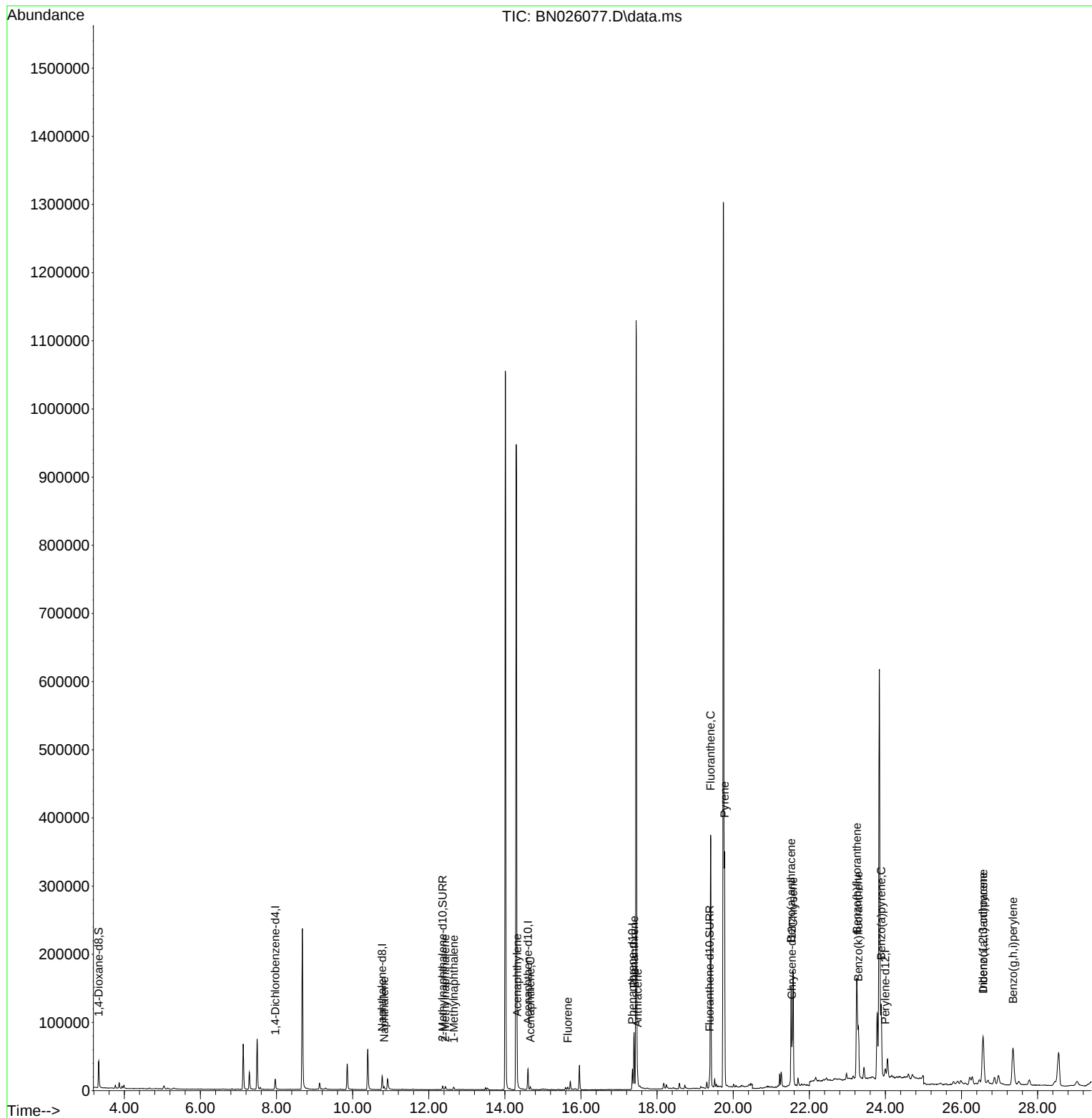
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026077.D
Acq On : 29 Jun 2023 03:08
Operator : MA/JU
Sample : 03142-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

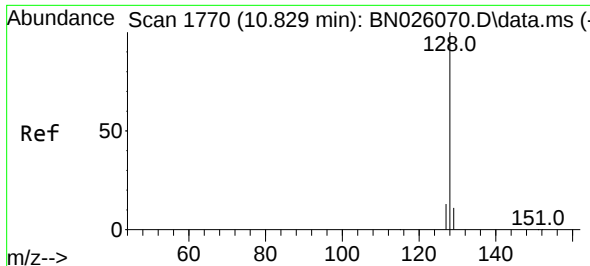
Instrument :
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Supervised By :mohammad ahmed 06/30/2023

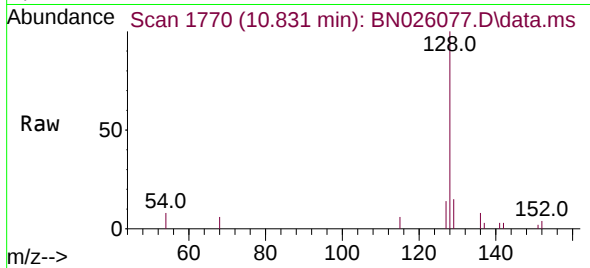
Quant Time: Jun 29 03:42:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

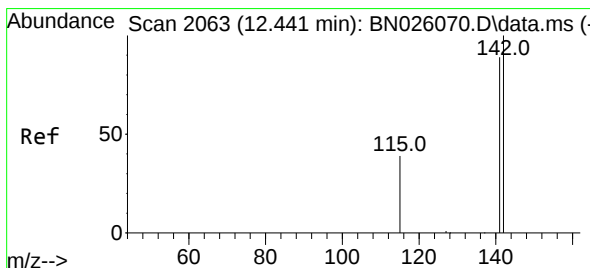
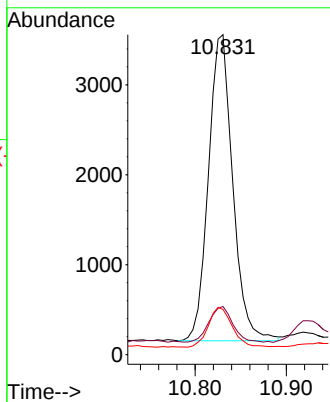
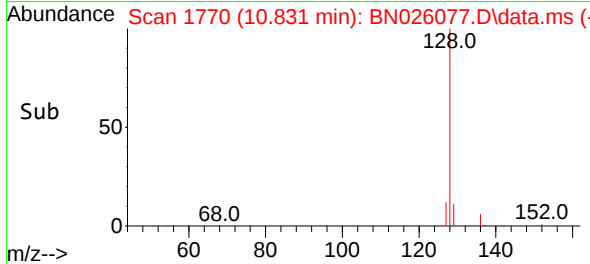
Instrument :
BNA_N
ClientSampleId :
DCFS1



Tgt Ion:128 Resp: 6308
Ion Ratio Lower Upper
128 100
129 15.1 9.1 13.7
127 14.2 10.7 16.1

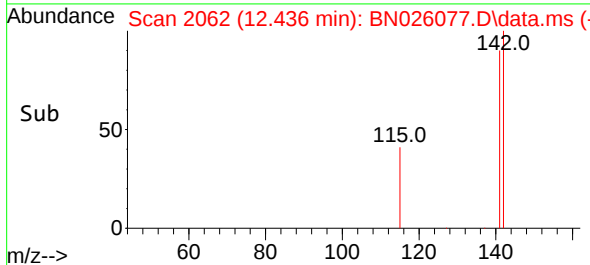
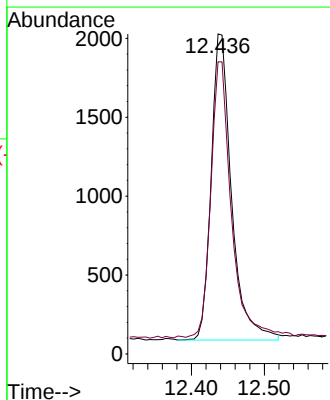
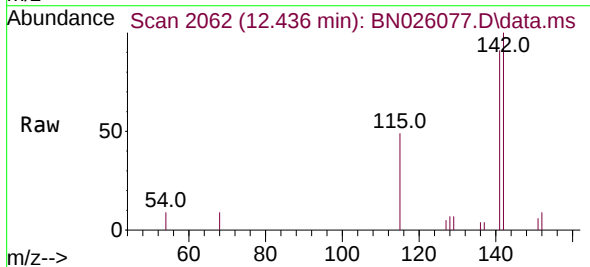
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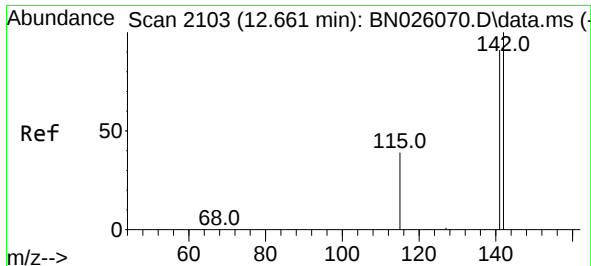
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

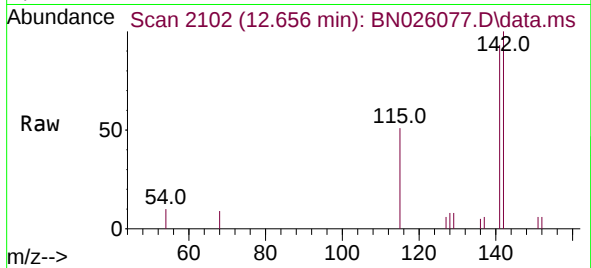
Tgt Ion:142 Resp: 3782
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

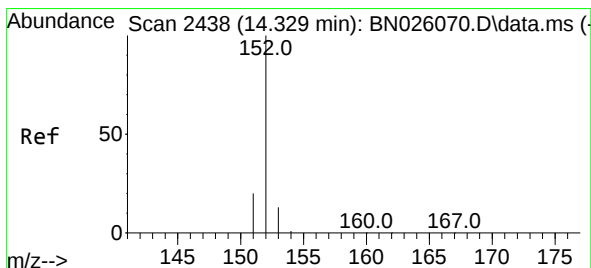
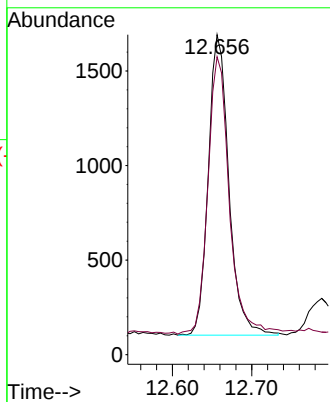
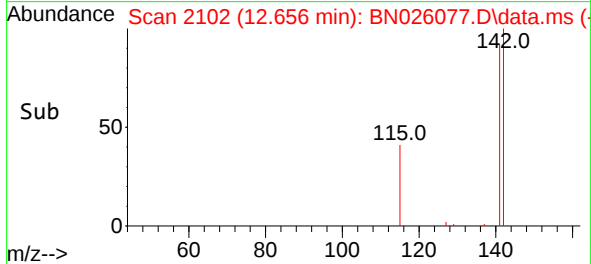
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2864
Ion Ratio Lower Upper
142 100
141 95.7 74.2 111.4

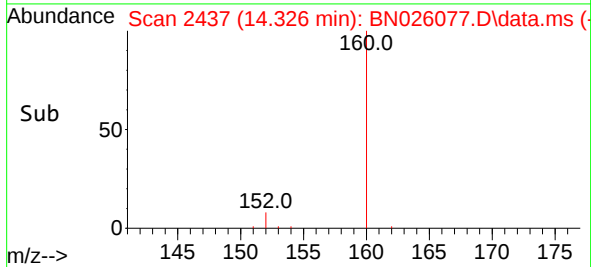
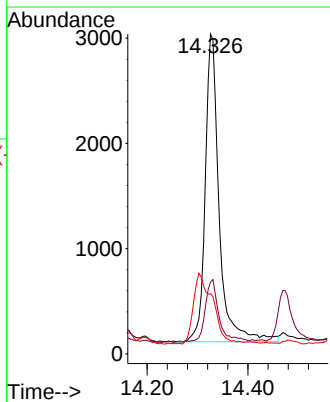
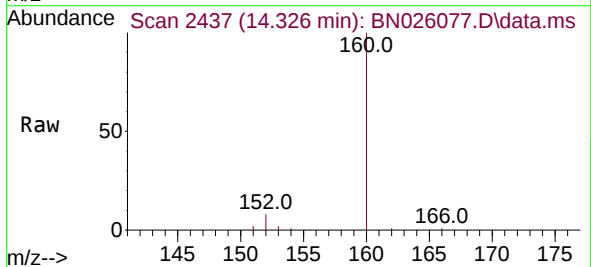
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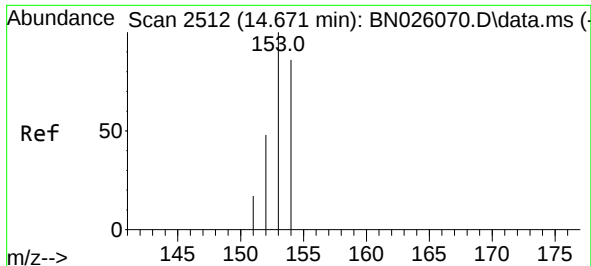
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

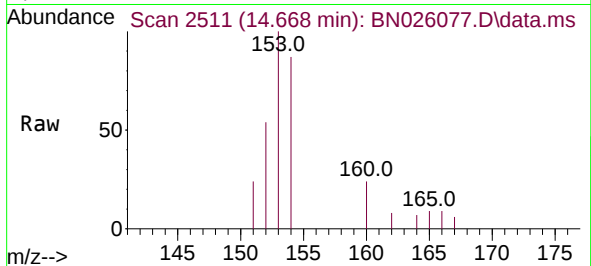
Tgt Ion:152 Resp: 5616
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.4
153 18.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.668 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

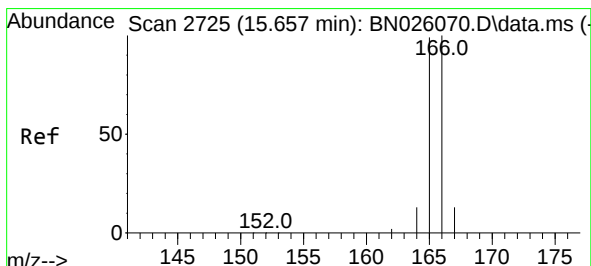
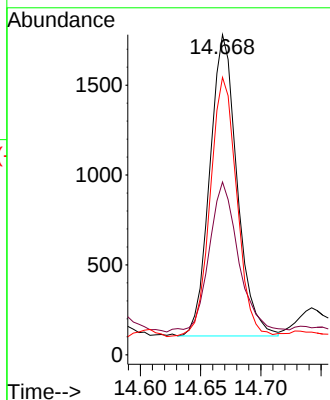
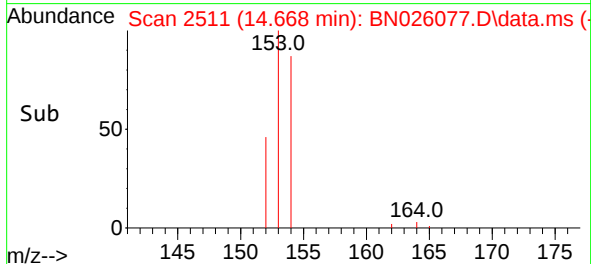
Instrument :
BNA_N
ClientSampleId :
DCFS1



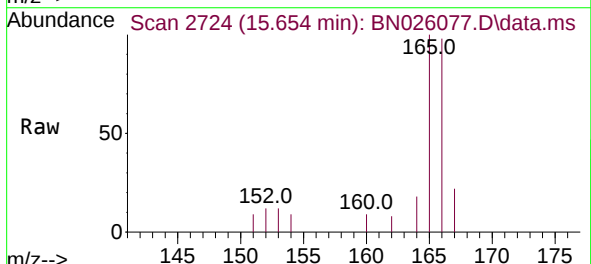
Tgt Ion:153 Resp: 2639
Ion Ratio Lower Upper
153 100
152 54.0 39.4 59.0
154 86.6 68.9 103.3

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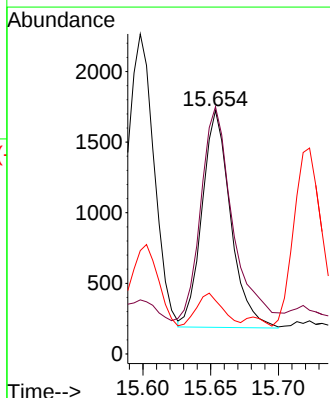
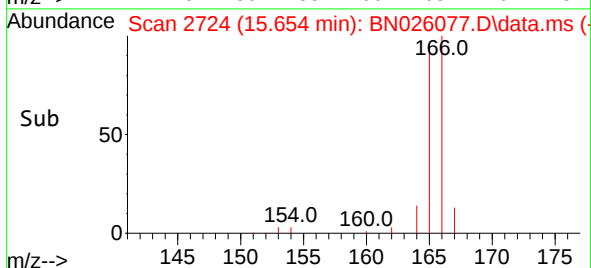
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

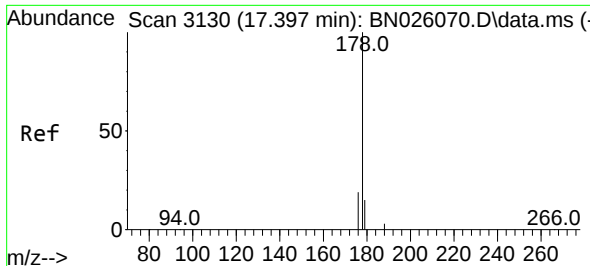


#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08



Tgt Ion:166 Resp: 2256
Ion Ratio Lower Upper
166 100
165 101.6 79.9 119.9
167 22.0 10.8 16.2#





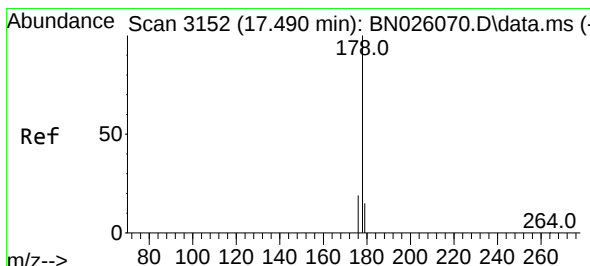
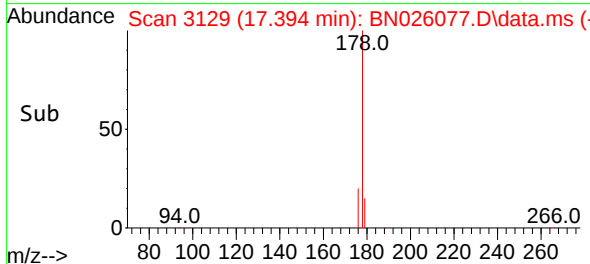
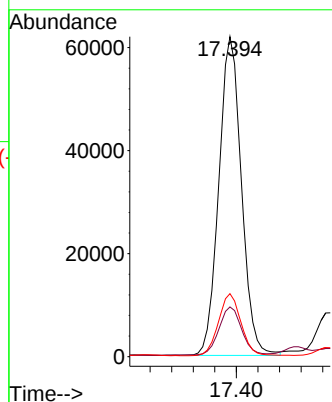
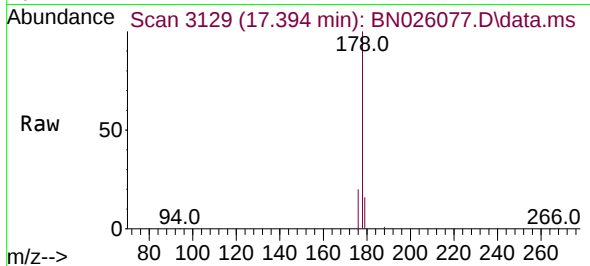
#15
Phenanthrene
Concen: 0.761 ng/ul
RT: 17.394 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

Instrument :
BNA_N
ClientSampleId :
DCFS1

Tgt Ion:178 Resp: 9003
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.7 15.8 23.6

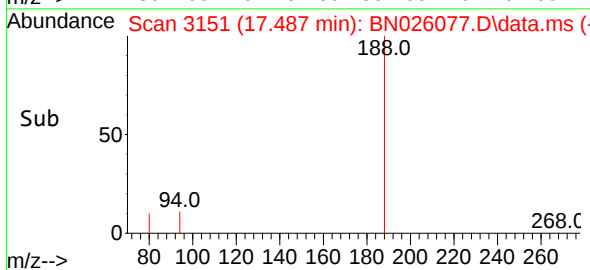
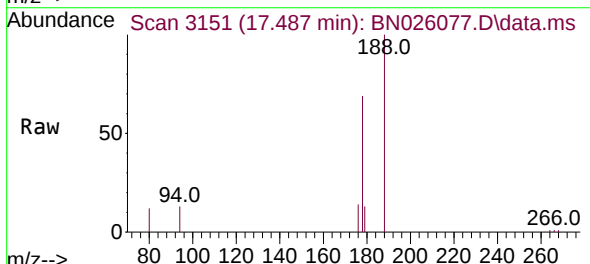
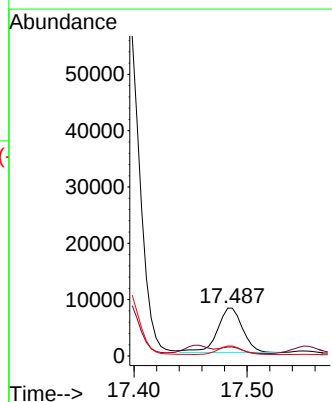
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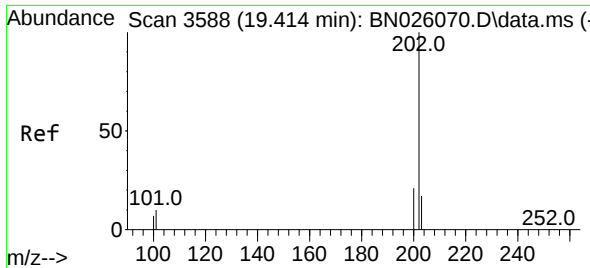
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.487 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

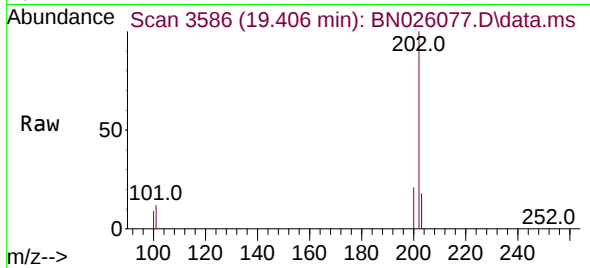
Tgt Ion:178 Resp: 12237
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 20.6 15.1 22.7





#19
Fluoranthene
Concen: 3.111 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

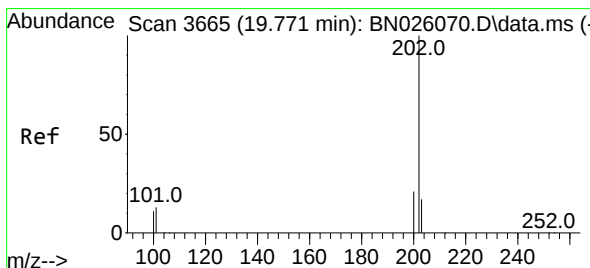
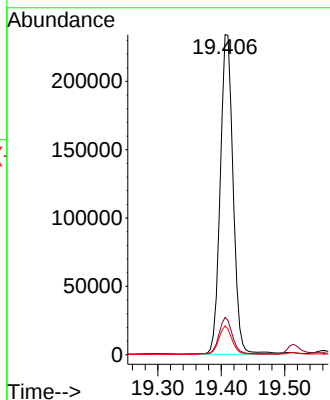
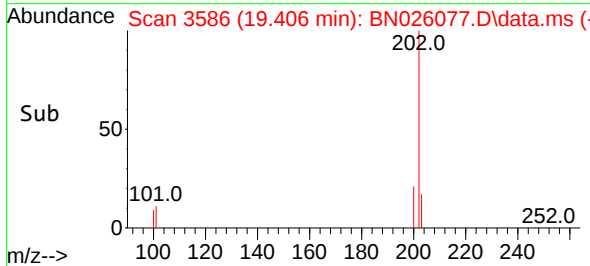
Instrument :
BNA_N
ClientSampleId :
DCFS1



Tgt Ion:202 Resp: 32996
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 9.0 7.3 10.9

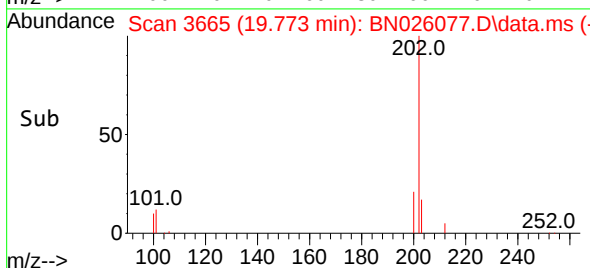
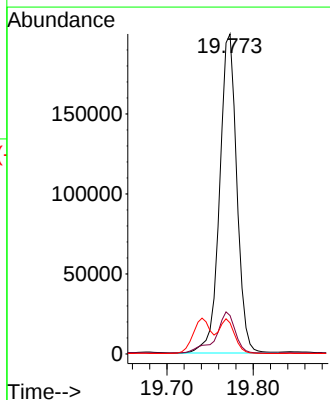
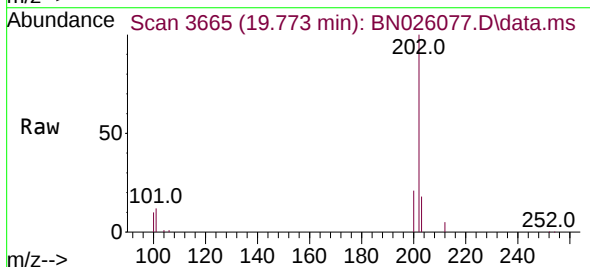
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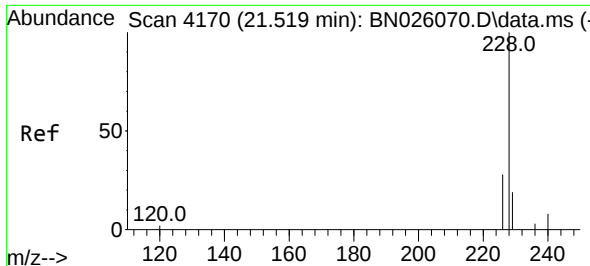
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 2.505 ng/u1
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

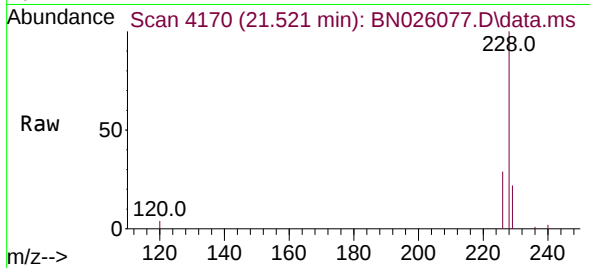
Tgt Ion:202 Resp: 276324
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.546 ng/ul
RT: 21.521 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

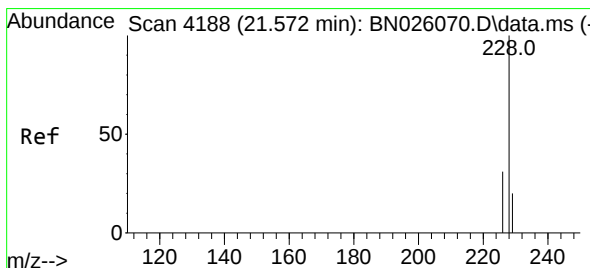
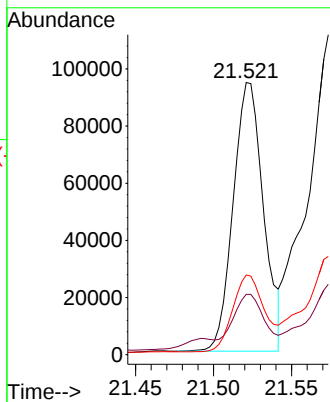
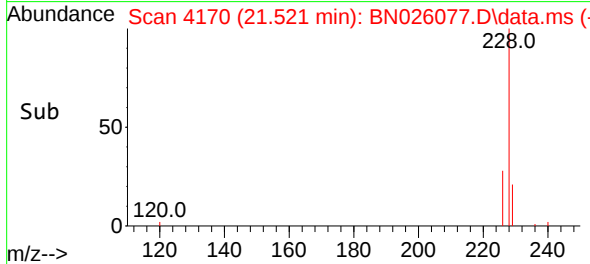
Instrument :
BNA_N
ClientSampleId :
DCFS1



Tgt Ion:228 Resp: 12666
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 29.3 22.5 33.7

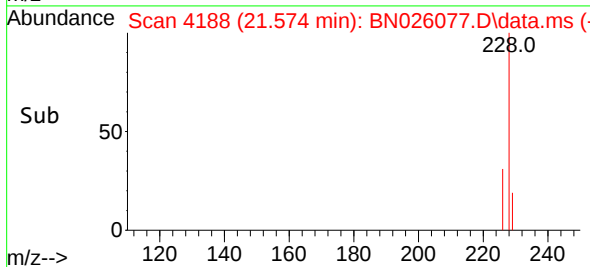
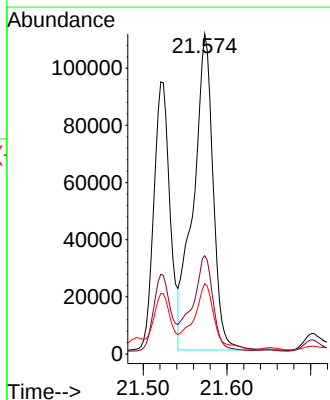
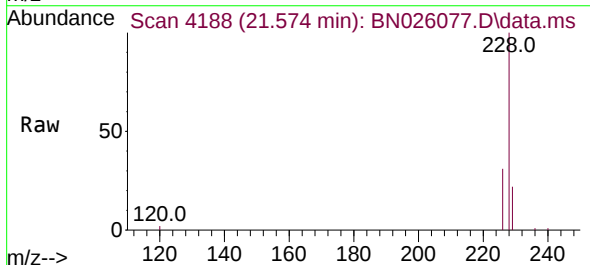
Manual Integrations
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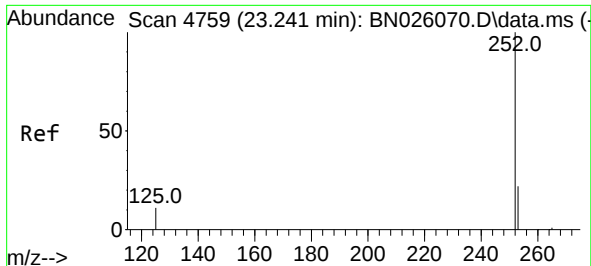
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 2.131 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

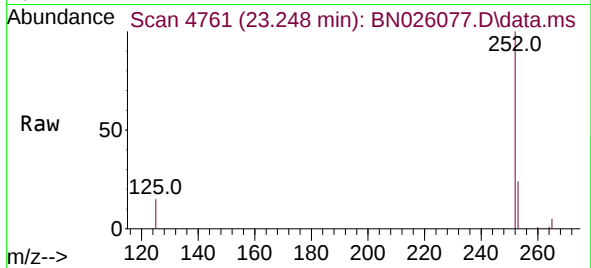
Tgt Ion:228 Resp: 181611
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.209 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.005 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

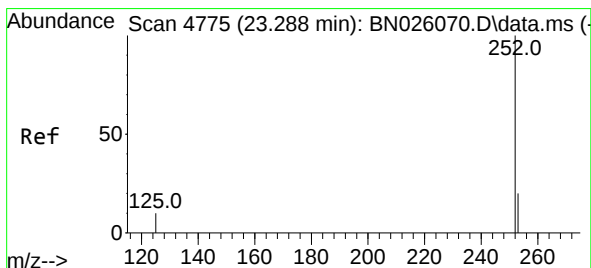
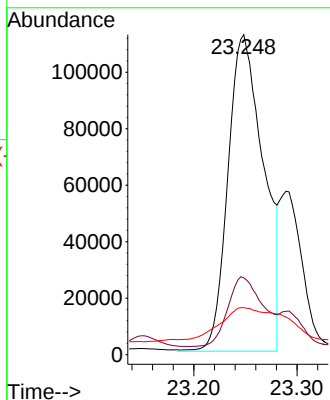
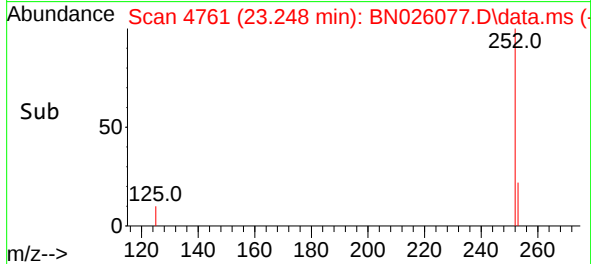
Instrument :
BNA_N
ClientSampleId :
DCFS1



Tgt Ion:252 Resp: 26998
Ion Ratio Lower Upper
252 100
253 24.0 0.0 55.6
125 14.7 0.0 35.8

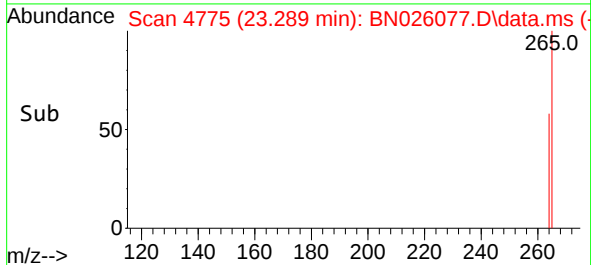
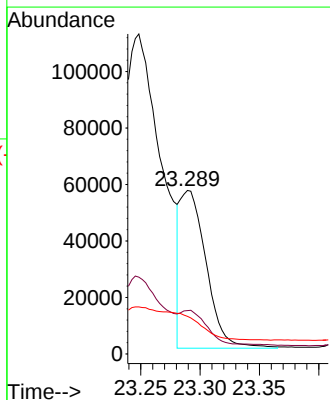
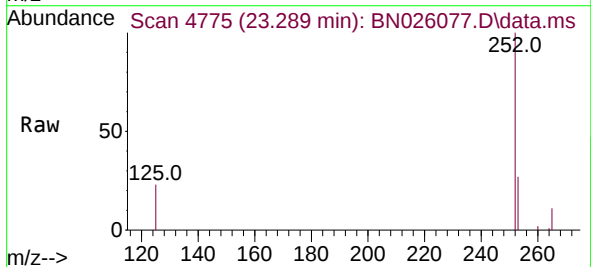
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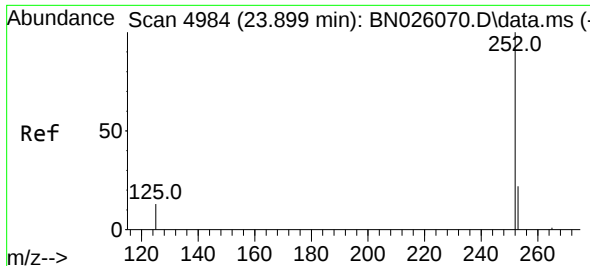
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 1.014 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

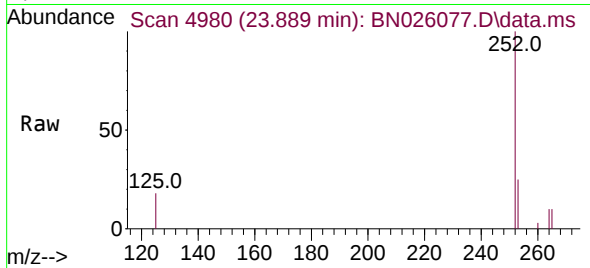
Tgt Ion:252 Resp: 85632
Ion Ratio Lower Upper
252 100
253 26.6 23.2 34.8
125 23.0 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.073 ng/ul
RT: 23.889 min Scan# 4984
Delta R.T. -0.017 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

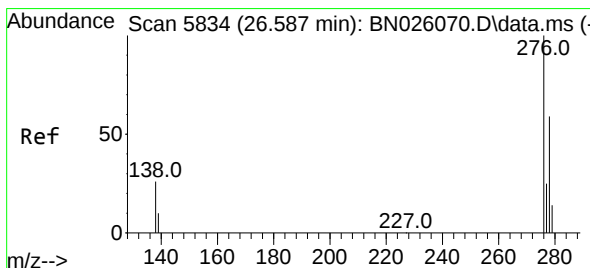
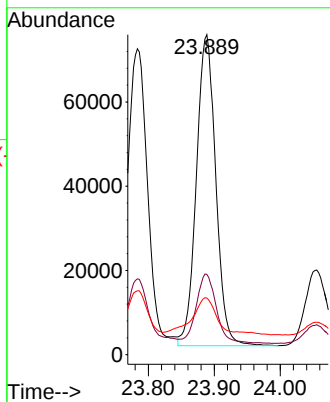
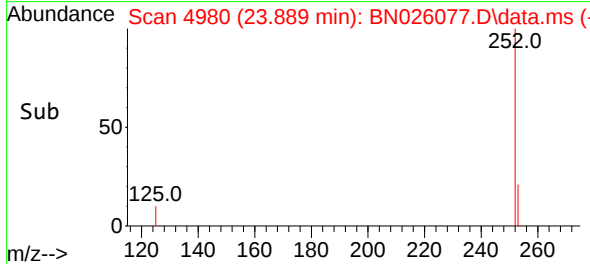
Instrument :
BNA_N
ClientSampleId :
DCFS1



Tgt Ion:252 Resp: 151425
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0#
125 17.7 17.3 25.9

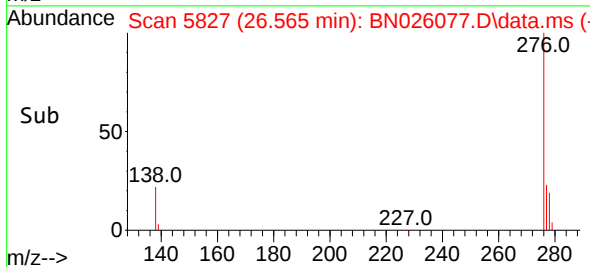
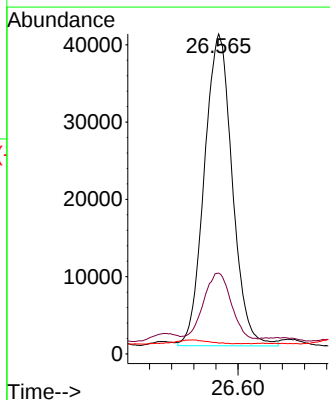
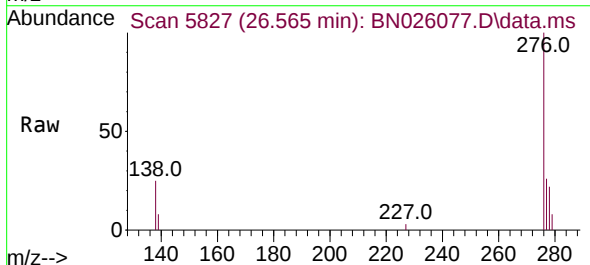
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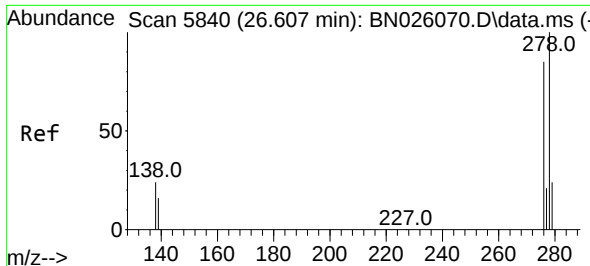
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.772 ng/ul
RT: 26.565 min Scan# 5827
Delta R.T. -0.029 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

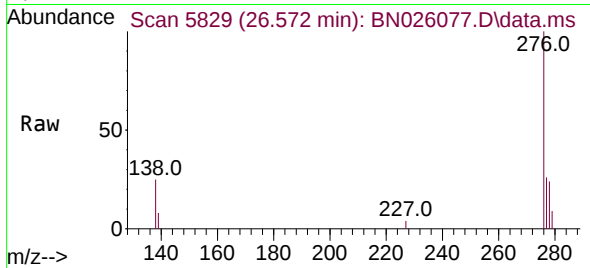
Tgt Ion:276 Resp: 141432
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.556 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.043 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08

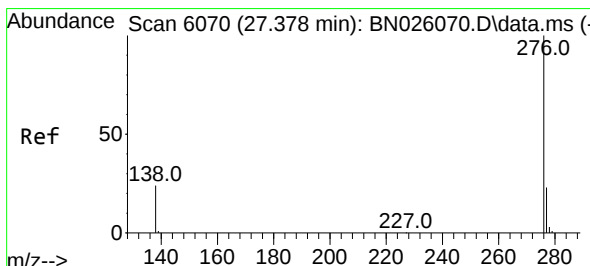
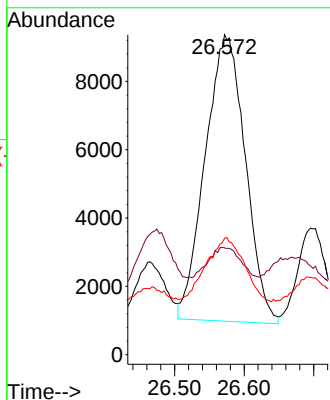
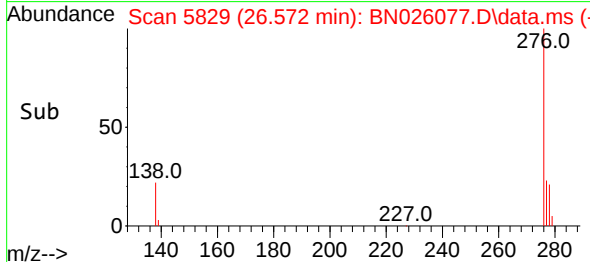
Instrument :
BNA_N
ClientSampleId :
DCFS1



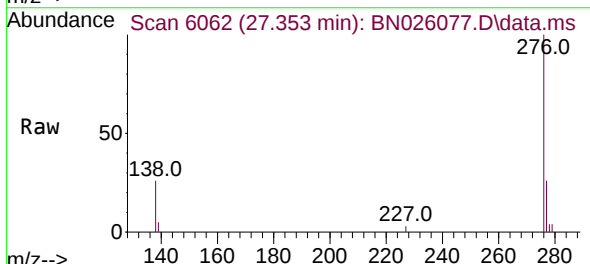
Tgt Ion:278 Resp: 3358
Ion Ratio Lower Upper
278 100
139 33.3 19.0 28.4
279 36.4 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.993 ng/ul
RT: 27.353 min Scan# 6062
Delta R.T. -0.033 min
Lab File: BN026077.D
Acq: 29 Jun 2023 03:08



Tgt Ion:276 Resp: 141496
Ion Ratio Lower Upper
276 100
138 26.2 23.4 35.0
277 25.7 20.0 30.0

