

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026178.D
 Acq On : 02 Jul 2023 07:51
 Operator : MA/JU
 Sample : PB153781BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS781

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 08:21:22 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8035	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	27392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	15746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	29294	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	16205	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	17738	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4523	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	12460	0.296	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	22333	0.362	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.356	88	12056	1.255	ng/ul#	89
5) Naphthalene	10.820	128	24210	0.308	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	14960	0.299	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	15746	0.304	ng/ul	100
10) Acenaphthylene	14.321	152	25066	0.340	ng/ul	100
11) Acenaphthene	14.659	153	18554	0.308	ng/ul	99
12) Fluorene	15.649	166	19961	0.289	ng/ul	99
14) Pentachlorophenol	17.006	266	4475	0.426	ng/ul	99
15) Phenanthrene	17.390	178	29395	0.304	ng/ul	100
16) Anthracene	17.483	178	27546	0.320	ng/ul	99
19) Fluoranthene	19.406	202	31580	0.365	ng/ul	98
20) Pyrene	19.769	202	32389	0.360	ng/ul	97
21) Benzo(a)anthracene	21.518	228	23479m	0.351	ng/ul	
22) Chrysene	21.574	228	23258	0.334	ng/ul	96
24) Benzo(b)fluoranthene	23.243	252	23892	0.316	ng/ul	89
25) Benzo(k)fluoranthene	23.292	252	23410	0.308	ng/ul#	90
26) Benzo(a)pyrene	23.892	252	22359	0.340	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.579	276	28732	0.400	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.595	278	21772	0.401	ng/ul	96
29) Benzo(g,h,i)perylene	27.377	276	24508	0.384	ng/ul	97

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

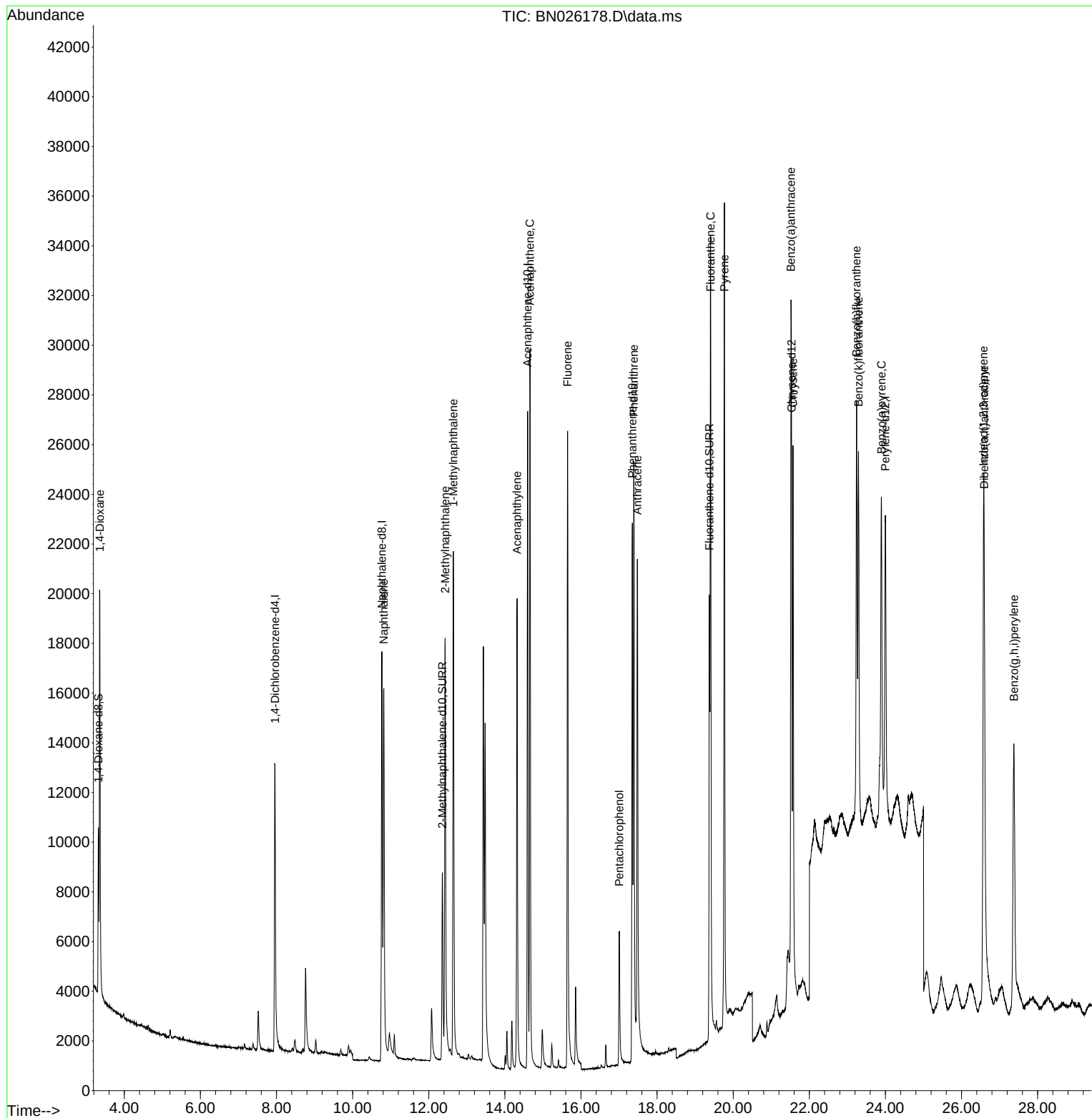
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026178.D
Acq On : 02 Jul 2023 07:51
Operator : MA/JU
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ALS Vial : 35 Sample Multiplier: 1

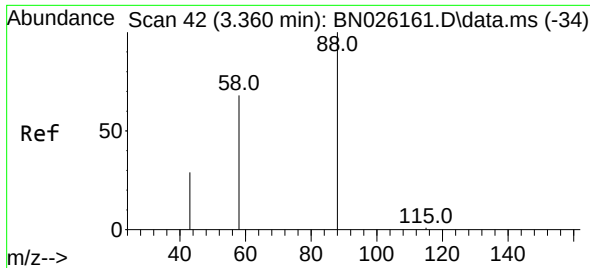
Instrument :
BNA_N
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SLCS781

Quant Time: Jul 02 08:21:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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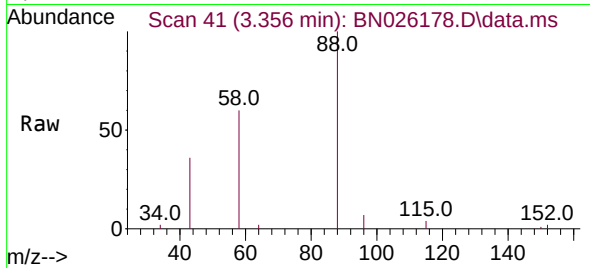
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#2
1,4-Dioxane
Concen: 1.255 ng/ul
RT: 3.356 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

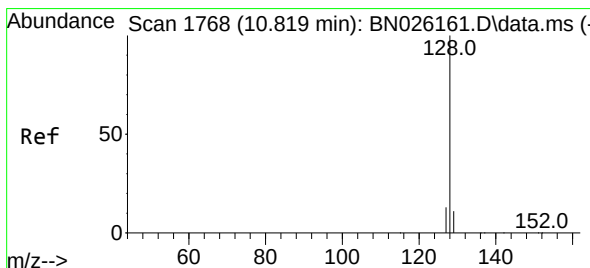
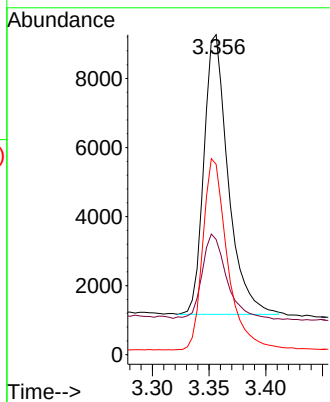
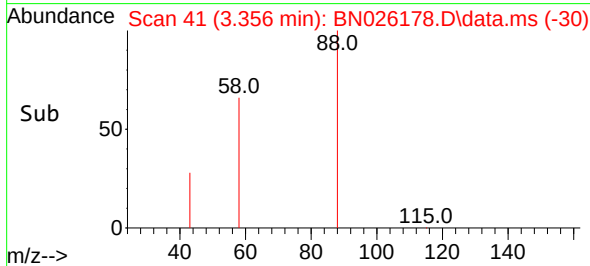
Instrument :
BNA_N
ClientSampleId :
SLCS781



Tgt Ion: 88 Resp: 12050
Ion Ratio Lower Upper
88 100
43 36.0 29.5 44.3
58 59.5 37.4 56.2

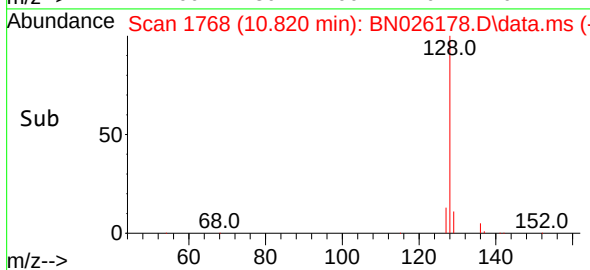
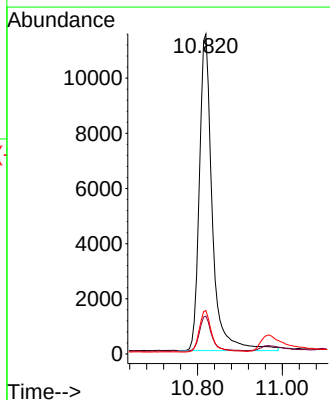
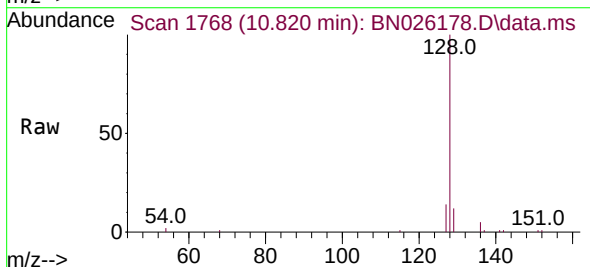
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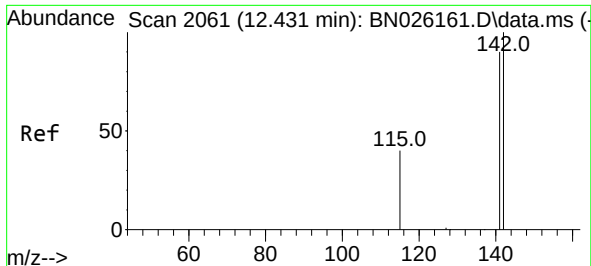
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

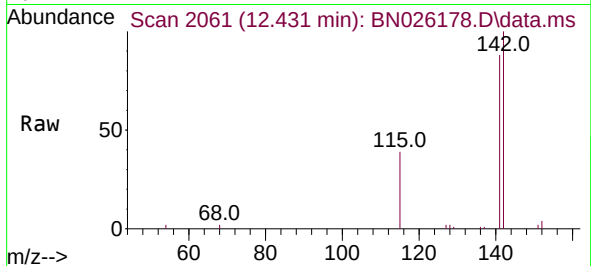
Tgt Ion:128 Resp: 24210
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.5 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

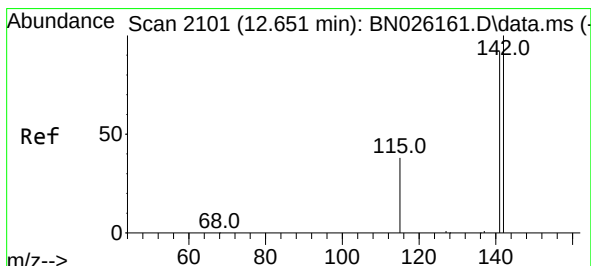
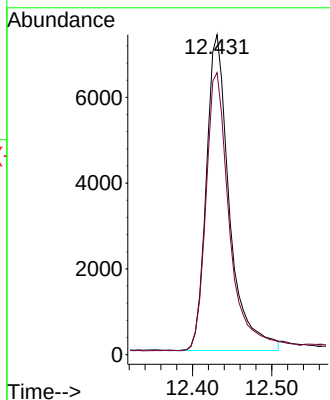
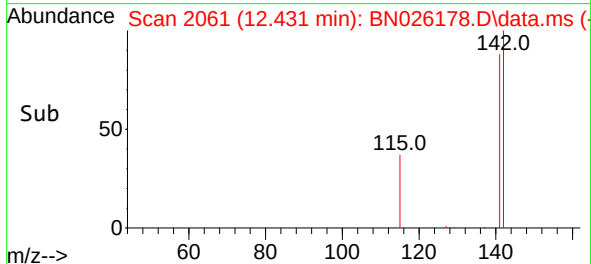
Instrument :
BNA_N
ClientSampleId :
SLCS781



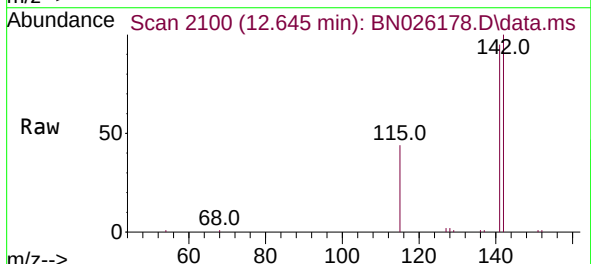
Tgt Ion:142 Resp: 14960
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9

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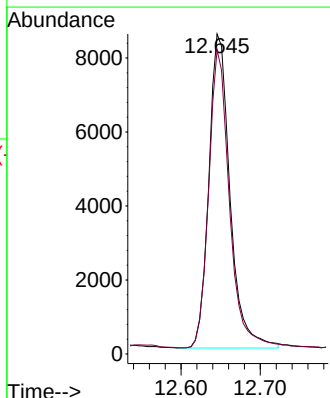
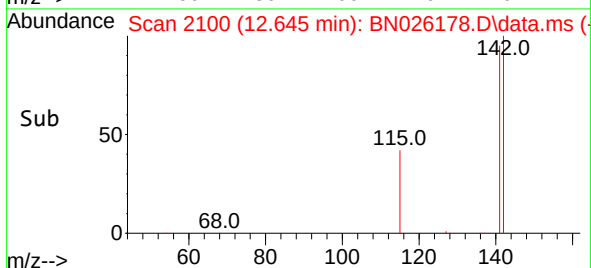
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

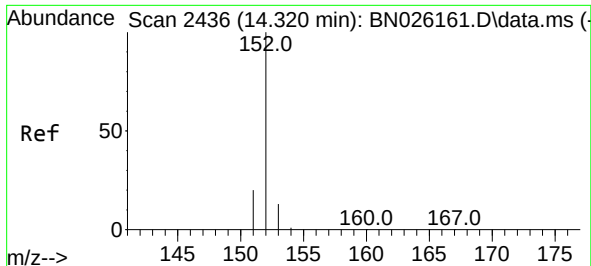


#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51



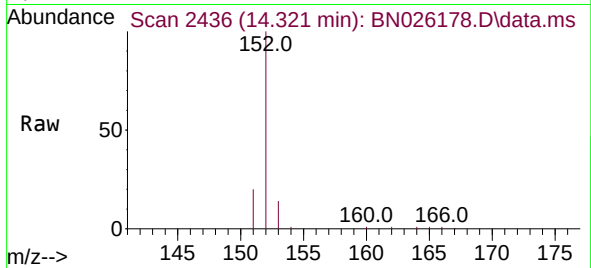
Tgt Ion:142 Resp: 15746
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4





#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.321 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

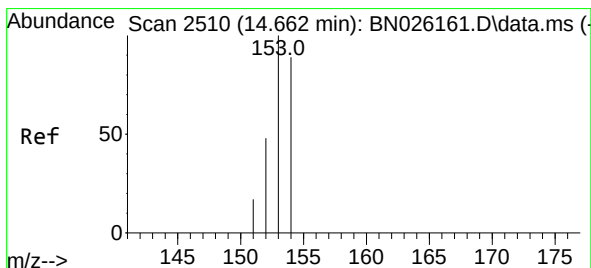
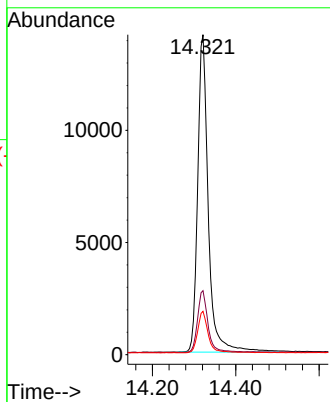
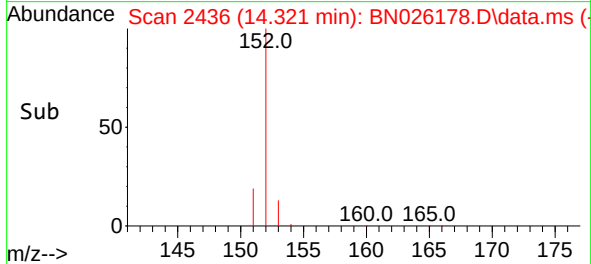
Instrument :
BNA_N
ClientSampleId :
SLCS781



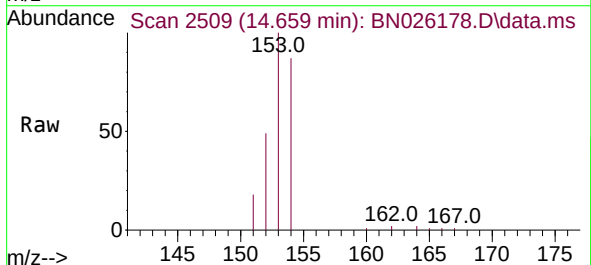
Tgt Ion:152 Resp: 25060
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.6 10.9 16.3

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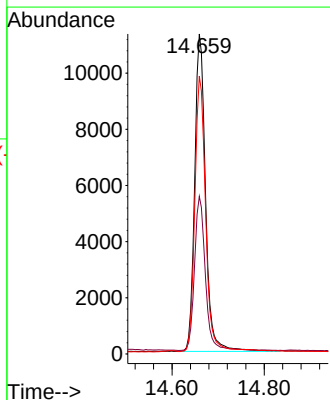
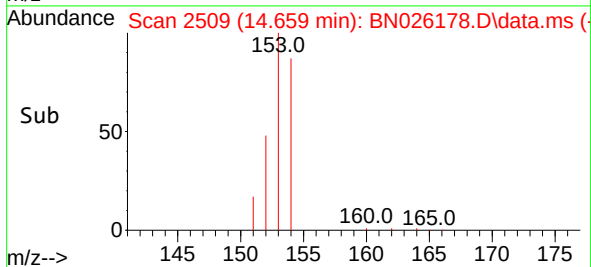
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

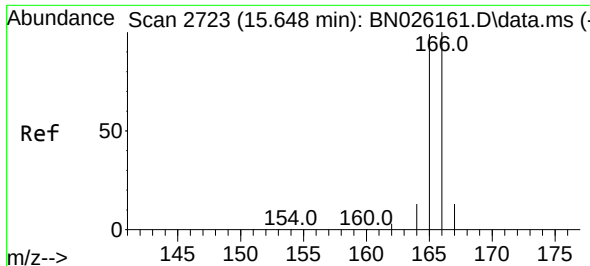


#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51



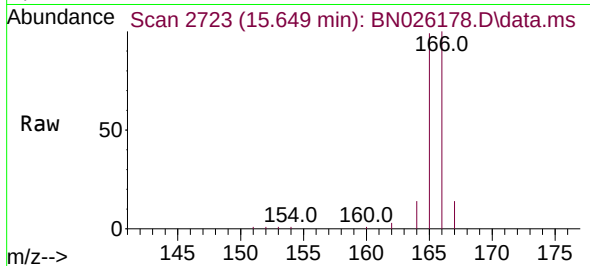
Tgt Ion:153 Resp: 18554
Ion Ratio Lower Upper
153 100
152 49.2 39.4 59.0
154 86.9 68.9 103.3





#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.649 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

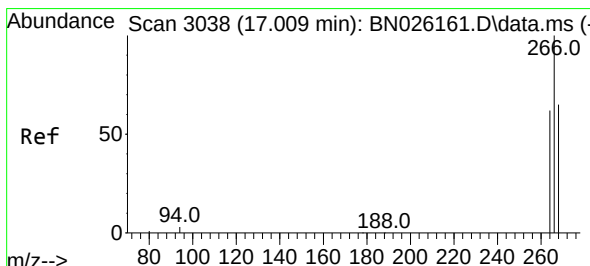
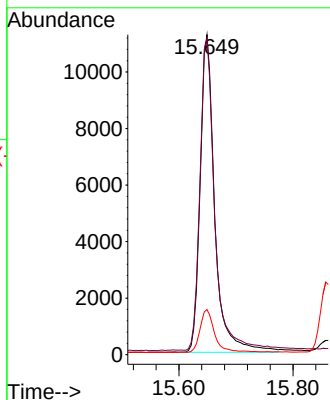
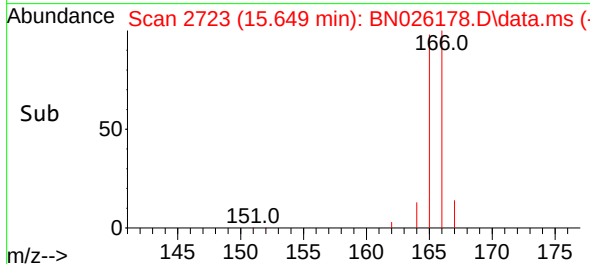
Instrument :
BNA_N
ClientSampleId :
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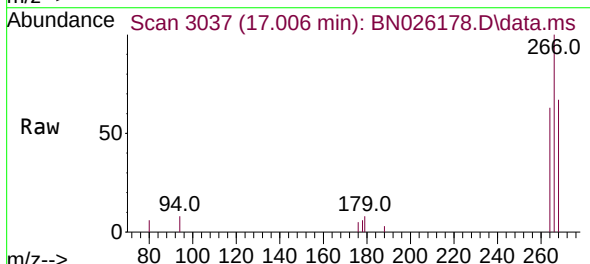
Tgt Ion:166 Resp: 1996
Ion Ratio Lower Upper
166 100
165 98.9 79.9 119.9
167 14.1 10.8 16.2

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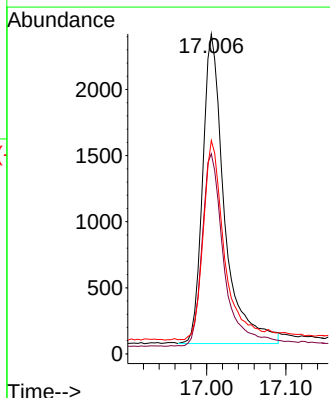
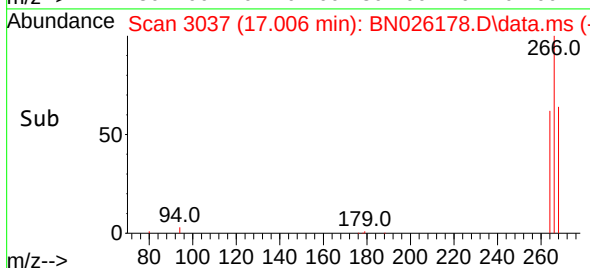
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

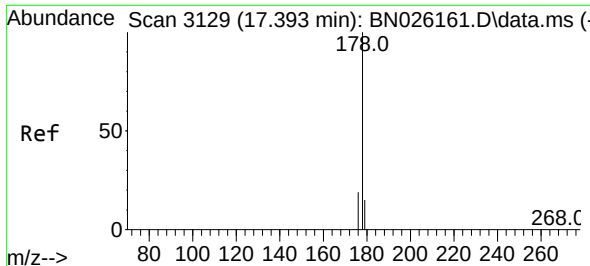


#14
Pentachlorophenol
Concen: 0.426 ng/ul
RT: 17.006 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51



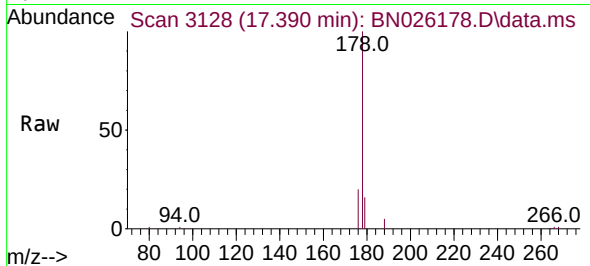
Tgt Ion:266 Resp: 4475
Ion Ratio Lower Upper
266 100
264 62.9 50.5 75.7
268 63.6 51.6 77.4





#15
Phenanthrene
Concen: 0.304 ng/u1
RT: 17.390 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

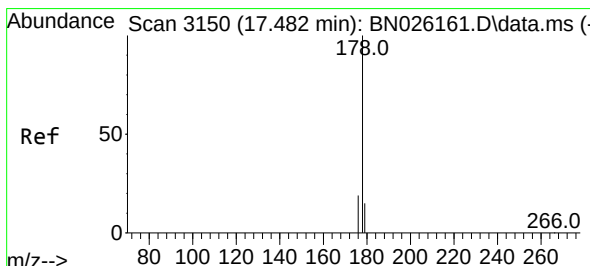
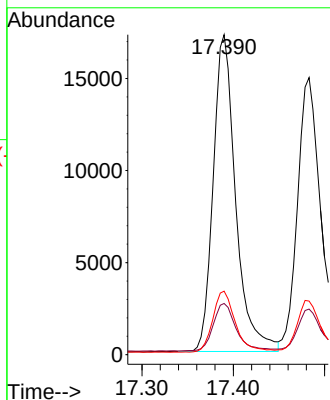
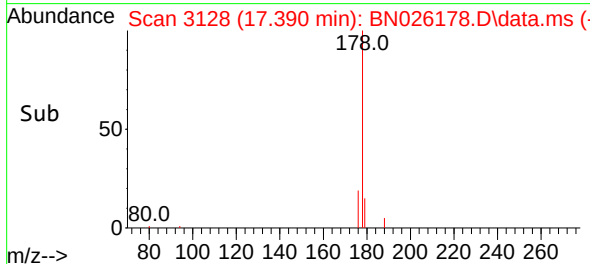
Instrument :
BNA_N
ClientSampleId :
SLCS781



Tgt Ion:178 Resp: 29395
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.8 15.8 23.6

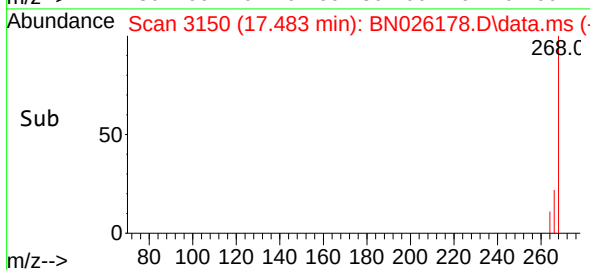
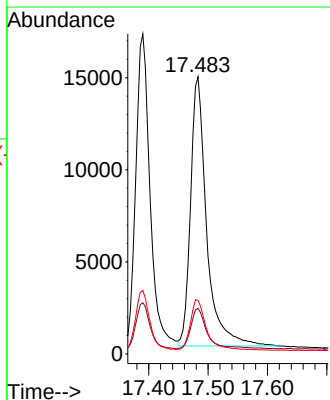
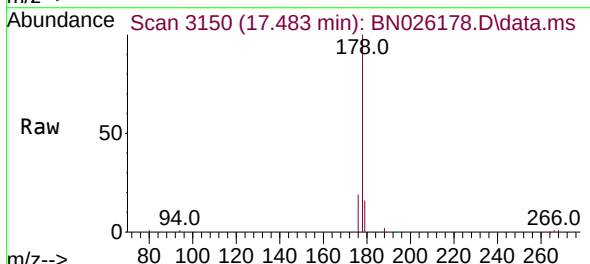
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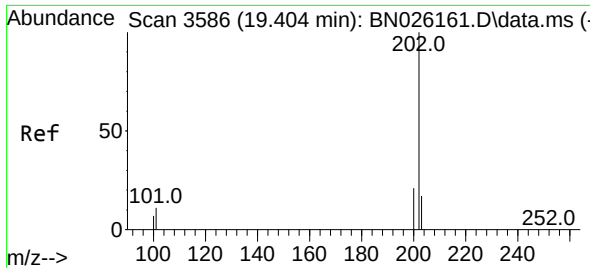
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.320 ng/u1
RT: 17.483 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

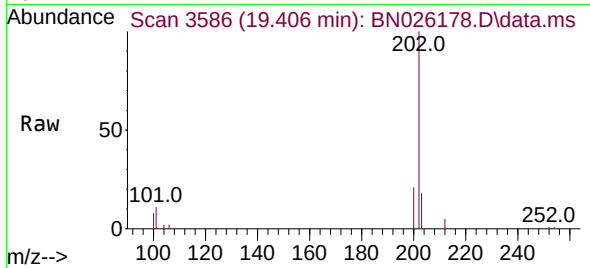
Tgt Ion:178 Resp: 27546
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.3 15.1 22.7





#19
Fluoranthene
Concen: 0.365 ng/u1
RT: 19.406 min Scan# 31586
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

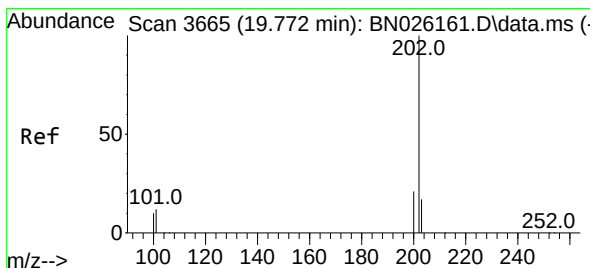
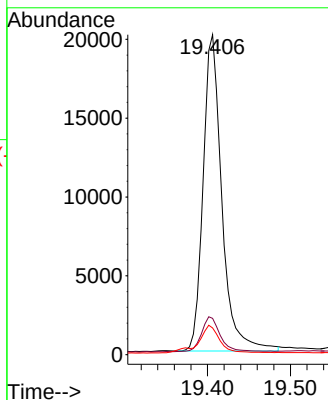
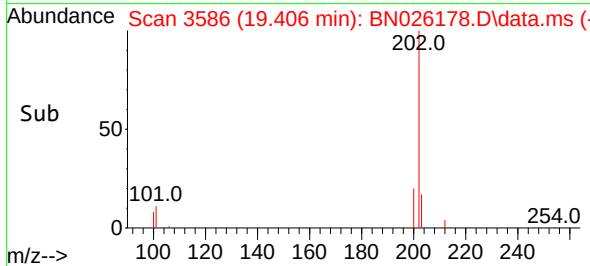
Instrument :
BNA_N
ClientSampleId :
SLCS781



Tgt Ion:202 Resp: 31586
Ion Ratio Lower Upper
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100 8.4 7.3 10.9

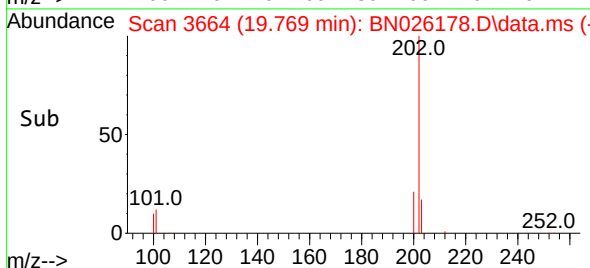
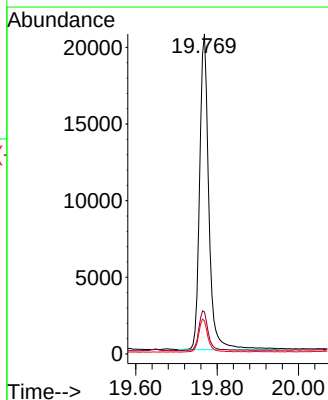
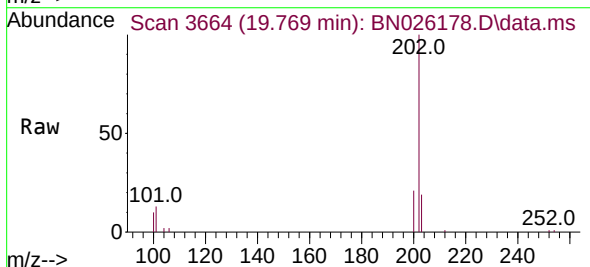
Manual Integrations
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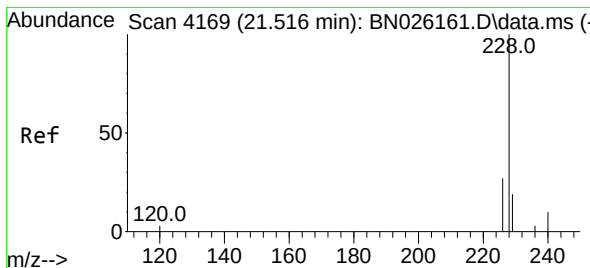
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 0.360 ng/u1
RT: 19.769 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

Tgt Ion:202 Resp: 32389
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.4 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.351 ng/ul m

RT: 21.518 min Scan# 4169

Delta R.T. -0.009 min

Lab File: BN026178.D

Acq: 02 Jul 2023 07:51

Instrument :

BNA_N

ClientSampleId :

SLCS781

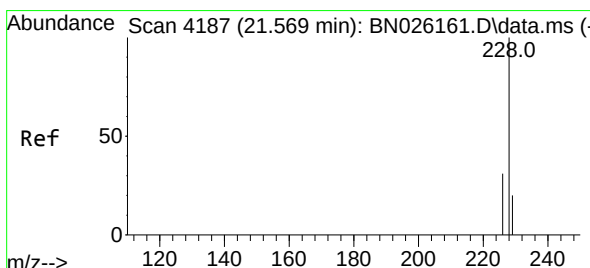
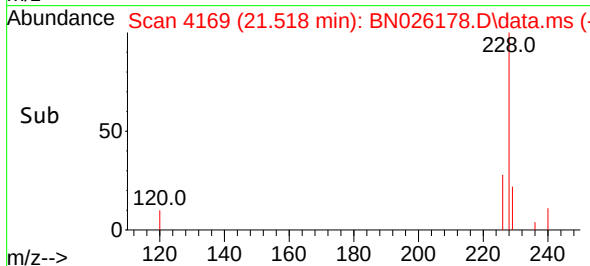
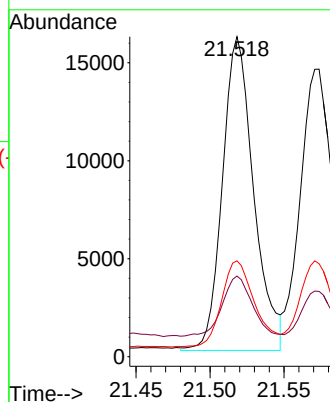
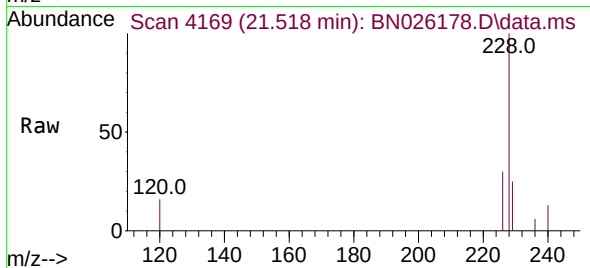
Tgt Ion:228 Resp: 23479
 Ion Ratio Lower Upper
 228 100
 229 25.2 15.8 23.6
 226 30.0 22.5 33.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#22

Chrysene

Concen: 0.334 ng/ul

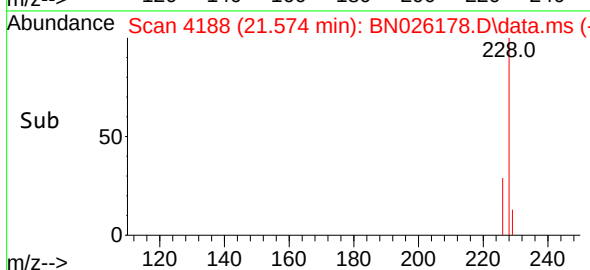
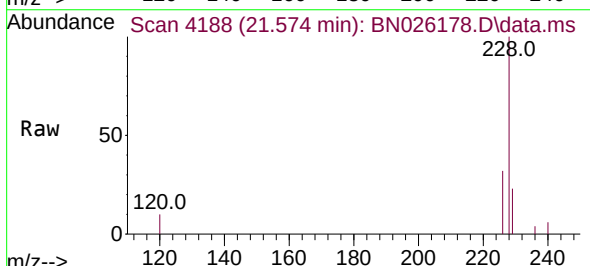
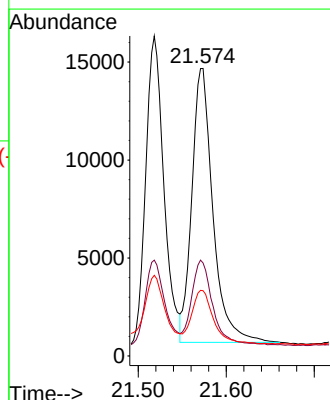
RT: 21.574 min Scan# 4188

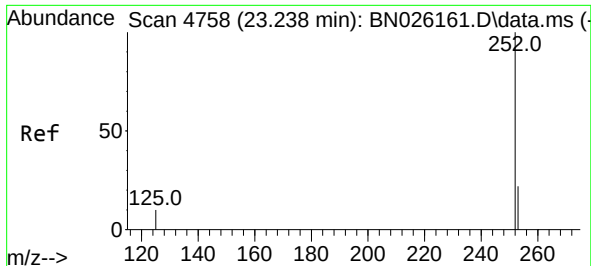
Delta R.T. -0.006 min

Lab File: BN026178.D

Acq: 02 Jul 2023 07:51

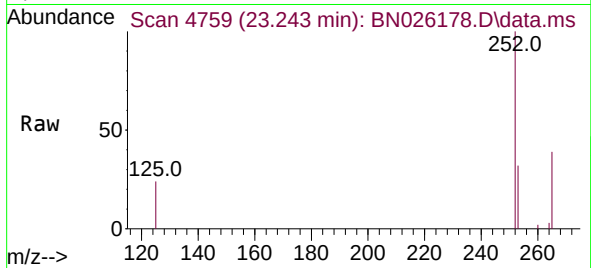
Tgt Ion:228 Resp: 23258
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.8 37.2
 229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.243 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

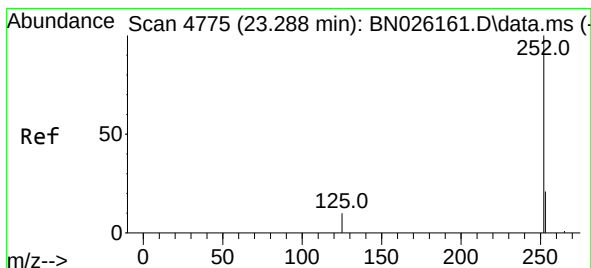
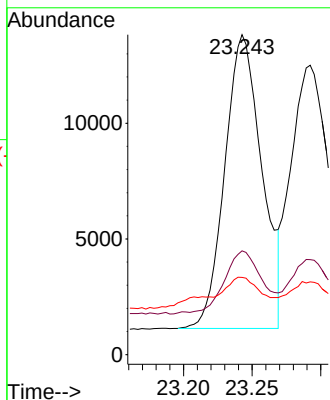
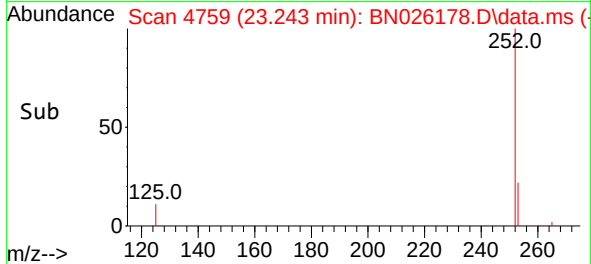
Instrument :
BNA_N
ClientSampleId :
SLCS781



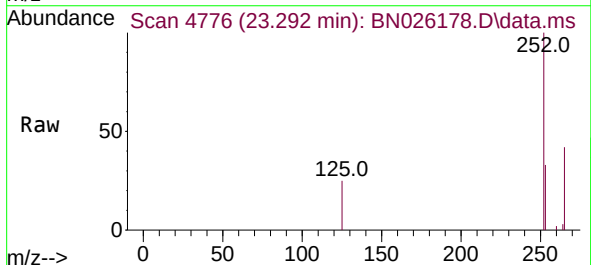
Tgt Ion:252 Resp: 23892
Ion Ratio Lower Upper
252 100
253 32.5 0.0 55.6
125 24.1 0.0 35.8

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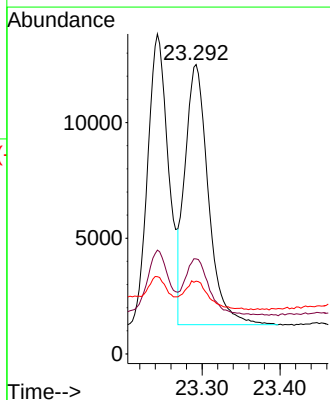
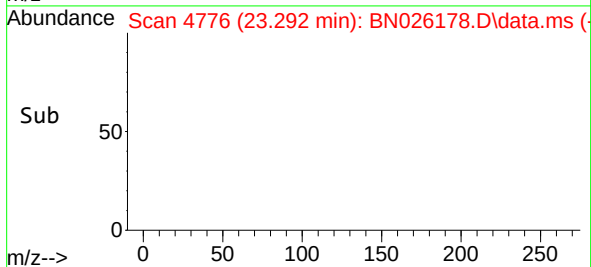
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

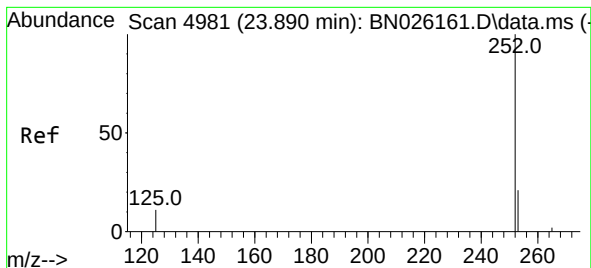


#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul
RT: 23.292 min Scan# 4776
Delta R.T. 0.000 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51



Tgt Ion:252 Resp: 23410
Ion Ratio Lower Upper
252 100
253 32.8 23.2 34.8
125 25.1 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.340 ng/ul

RT: 23.892 min Scan# 4981

Delta R.T. 0.006 min

Lab File: BN026178.D

Acq: 02 Jul 2023 07:51

Instrument :

BNA_N

ClientSampleId :

SLCS781

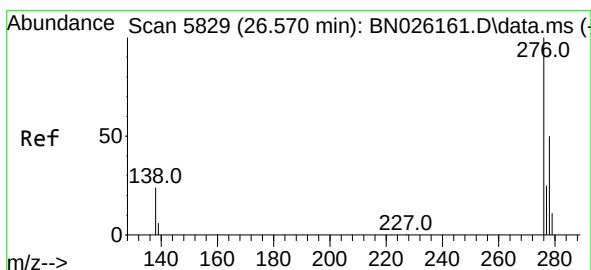
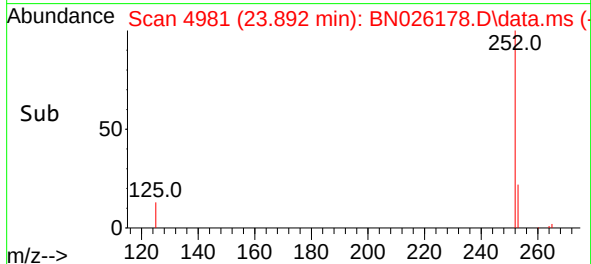
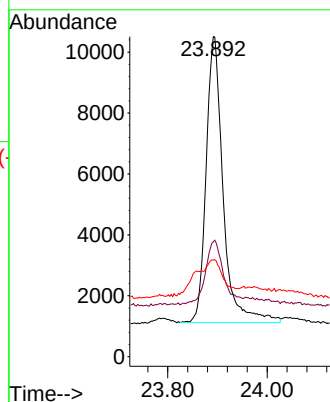
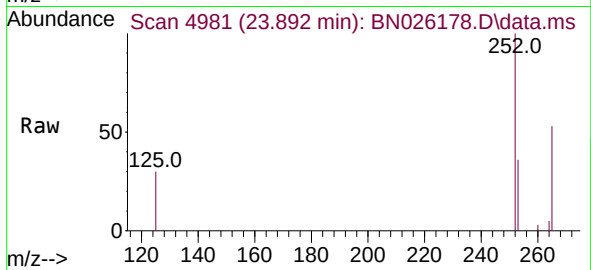
Tgt Ion:	252	Resp:	2235
Ion Ratio	Lower	Upper	
252	100		
253	35.9	26.0	39.0
125	30.2	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng/ul

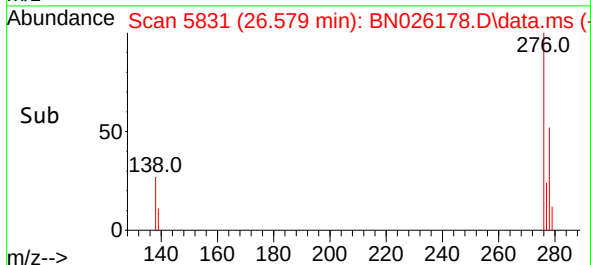
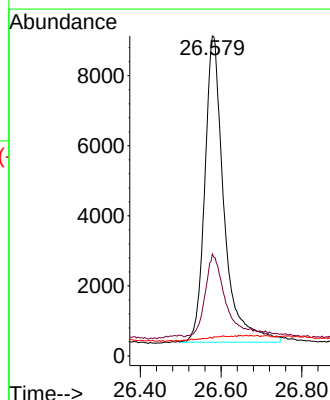
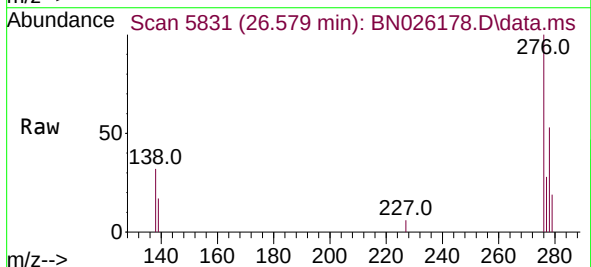
RT: 26.579 min Scan# 5831

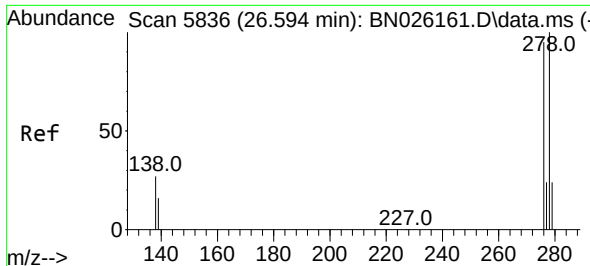
Delta R.T. 0.020 min

Lab File: BN026178.D

Acq: 02 Jul 2023 07:51

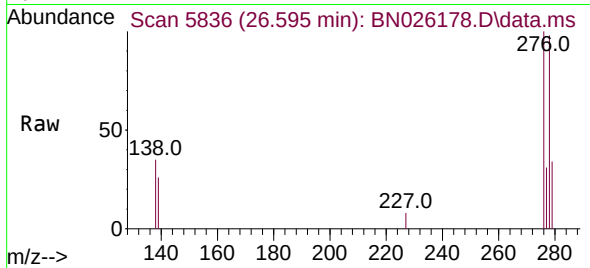
Tgt Ion:	276	Resp:	28732
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.5	36.7
227	0.1	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.401 ng/ul
RT: 26.595 min Scan# 5836
Delta R.T. 0.017 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51

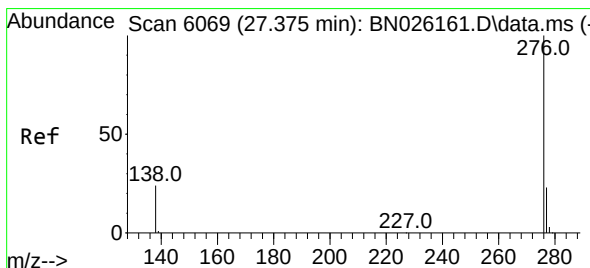
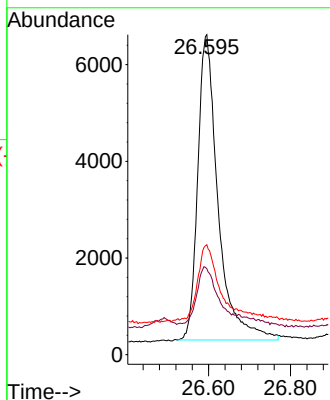
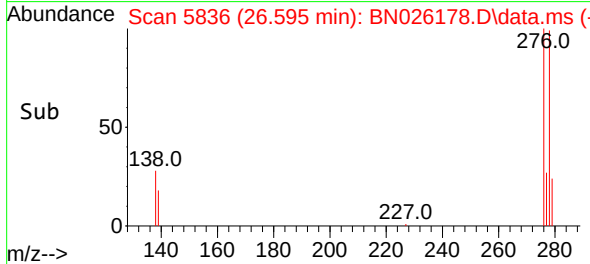
Instrument :
BNA_N
ClientSampleId :
SLCS781



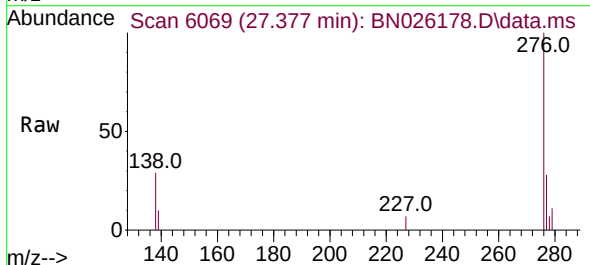
Tgt Ion:278 Resp: 21772
Ion Ratio Lower Upper
278 100
139 26.8 19.0 28.4
279 34.3 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.377 min Scan# 6069
Delta R.T. 0.030 min
Lab File: BN026178.D
Acq: 02 Jul 2023 07:51



Tgt Ion:276 Resp: 24508
Ion Ratio Lower Upper
276 100
138 29.5 23.4 35.0
277 28.1 20.0 30.0

