

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026712.D
 Acq On : 24 Jul 2023 13:43
 Operator : MA/JU
 Sample : PB154169BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS169

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 16:02:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	3650	0.400	ng/ul	0.01
4) Naphthalene-d8	10.630	136	14495	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	7661	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.223	188	14853	0.400	ng/ul	0.00
17) Chrysene-d12	21.422	240	9206	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	10847	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1892	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	5634m	0.286	ng/ul	0.01
18) Fluoranthene-d10	19.250	212	9008	0.282	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.233	88	4666	1.026	ng/ul#	88
5) Naphthalene	10.680	128	9992	0.251	ng/ul	100
7) 2-Methylnaphthalene	12.302	142	6354m	0.281	ng/ul	
8) 1-Methylnaphthalene	12.511	142	6630	0.274	ng/ul	99
10) Acenaphthylene	14.189	152	9487	0.253	ng/ul	99
11) Acenaphthene	14.527	153	7217	0.253	ng/ul	98
12) Fluorene	15.526	166	8460	0.282	ng/ul	100
14) Pentachlorophenol	16.890	266	1175	0.314	ng/ul	97
15) Phenanthrene	17.261	178	11848	0.250	ng/ul	100
16) Anthracene	17.358	178	10339	0.252	ng/ul	98
19) Fluoranthene	19.283	202	12222	0.283	ng/ul	99
20) Pyrene	19.645	202	12802	0.273	ng/ul#	95
21) Benzo(a)anthracene	21.405	228	9492	0.281	ng/ul	99
22) Chrysene	21.460	228	10220	0.265	ng/ul	99
24) Benzo(b)fluoranthene	23.073	252	9755	0.231	ng/ul	97
25) Benzo(k)fluoranthene	23.120	252	11151	0.252	ng/ul	96
26) Benzo(a)pyrene	23.690	252	9998	0.266	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.254	276	13336	0.270	ng/ul	97
28) Dibenzo(a,h)anthracene	26.264	278	10411	0.275	ng/ul	93
29) Benzo(g,h,i)perylene	27.005	276	11444	0.263	ng/ul	100

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

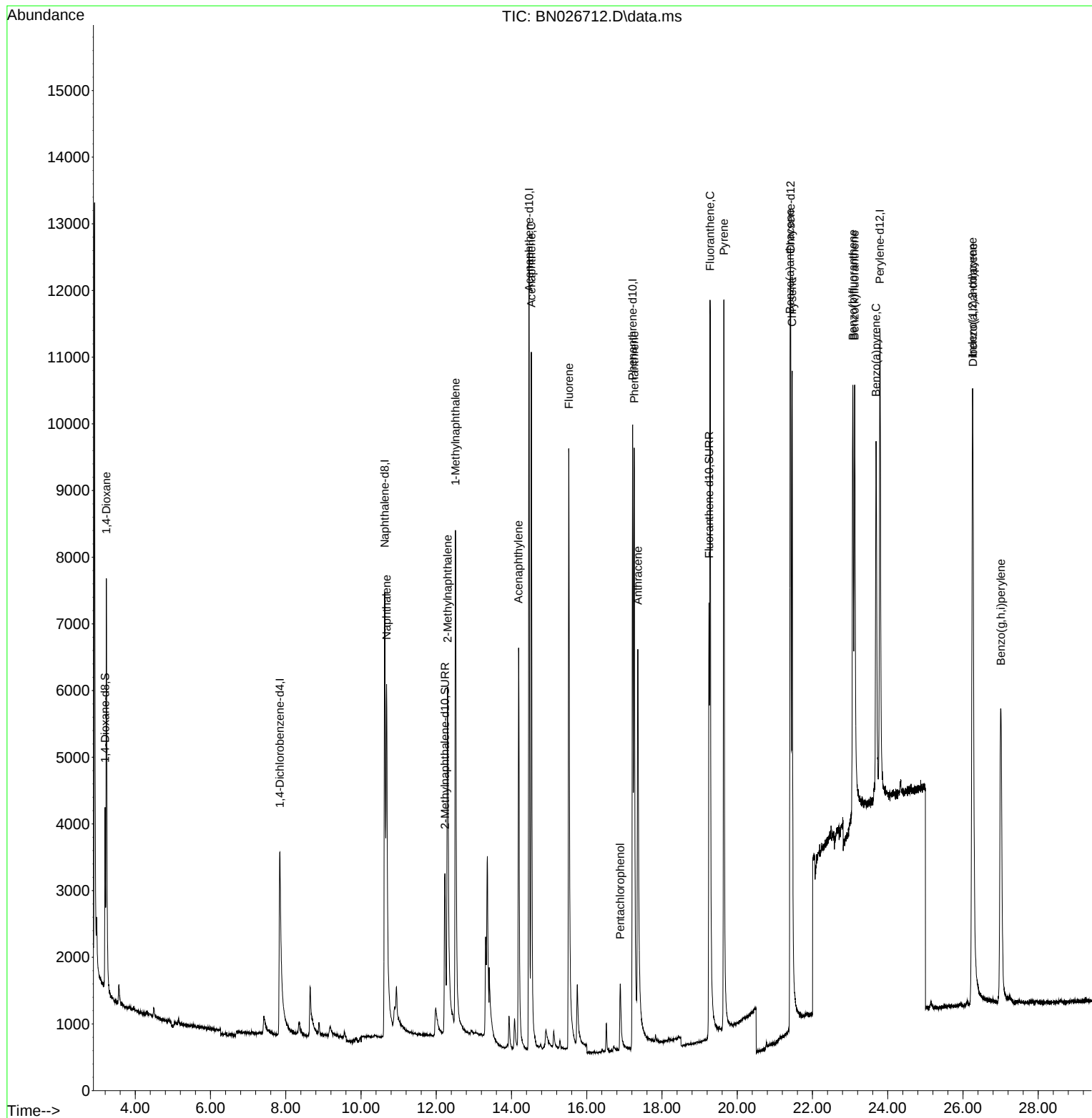
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026712.D
Acq On : 24 Jul 2023 13:43
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ALS Vial : 47 Sample Multiplier: 1

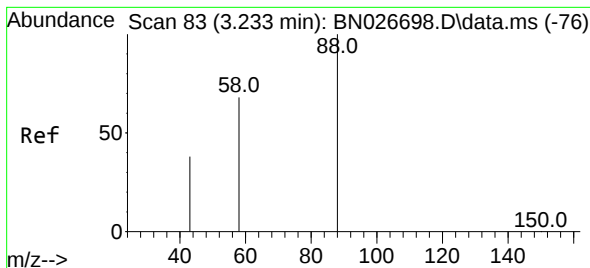
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Quant Time: Jul 24 16:02:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.026 ng/ul

RT: 3.233 min Scan# 81

Delta R.T. -0.004 min

Lab File: BN026712.D

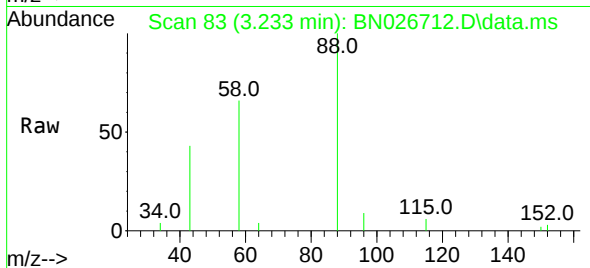
Acq: 24 Jul 2023 13:43

Instrument :

BNA_N

ClientSampleId :

SLCS169



Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

43 43.5 33.0 49.6

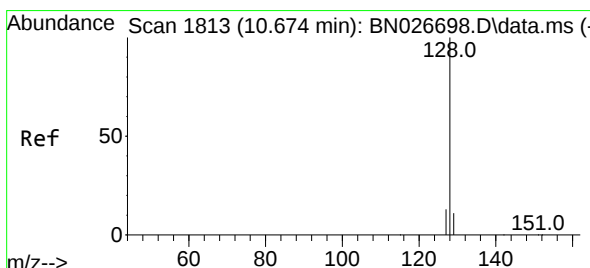
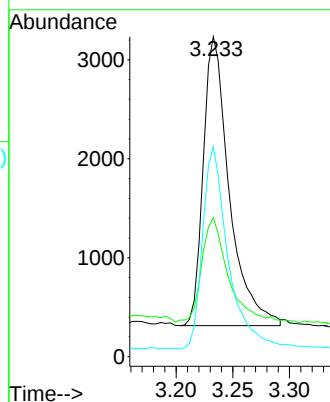
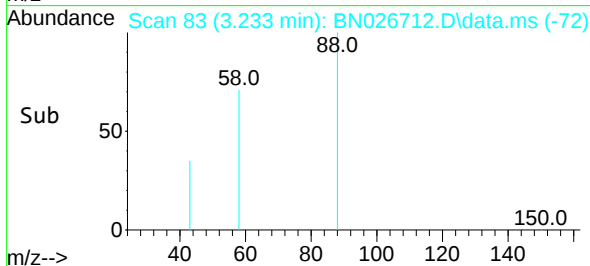
58 65.6 41.7 62.5

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#5

Naphthalene

Concen: 0.251 ng/ul

RT: 10.680 min Scan# 1814

Delta R.T. 0.005 min

Lab File: BN026712.D

Acq: 24 Jul 2023 13:43

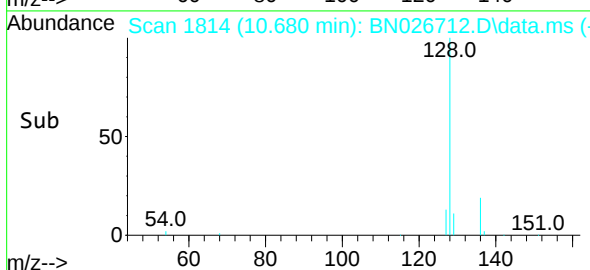
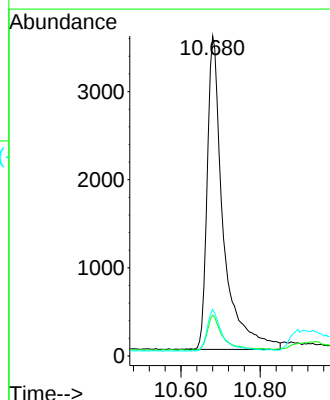
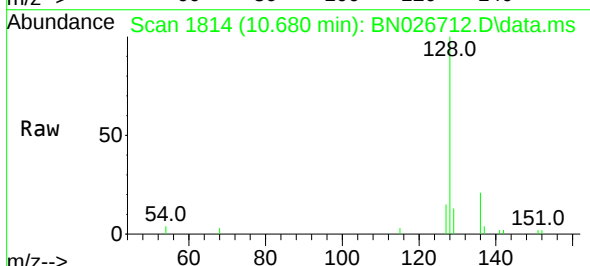
Tgt Ion:128 Resp: 9992

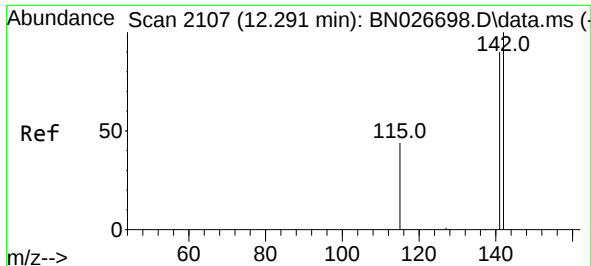
Ion Ratio Lower Upper

128 100

129 12.8 10.2 15.2

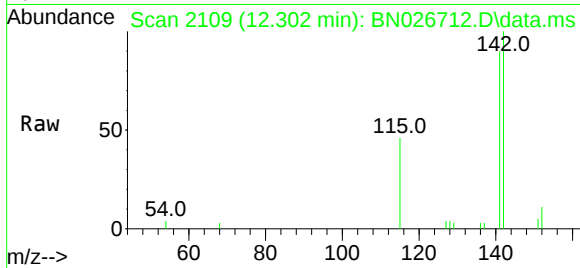
127 14.5 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.281 ng/ul m
RT: 12.302 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

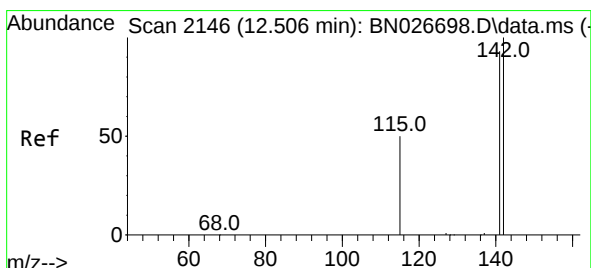
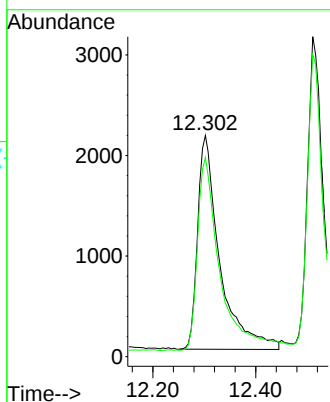
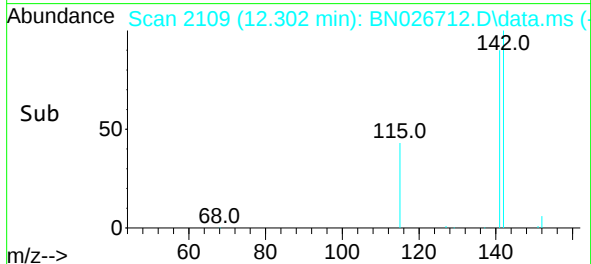
Instrument :
BNA_N
ClientSampleId :
SLCS169



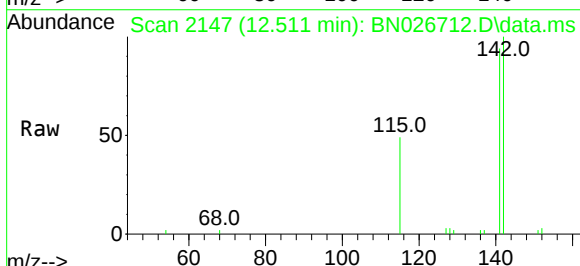
Tgt Ion:142 Resp: 6354
Ion Ratio Lower Upper
142 100
141 83.7 72.3 108.5

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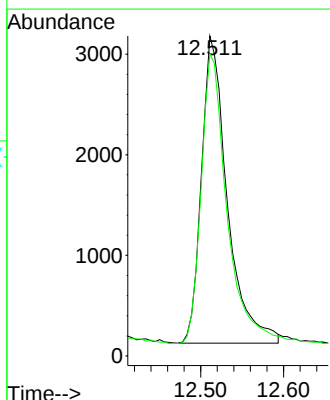
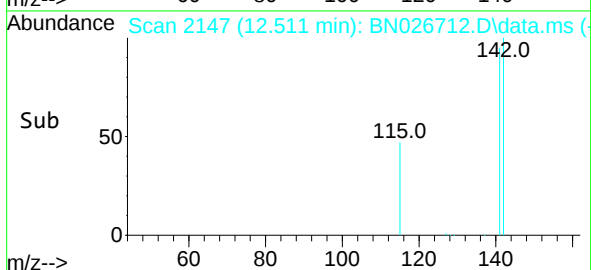
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

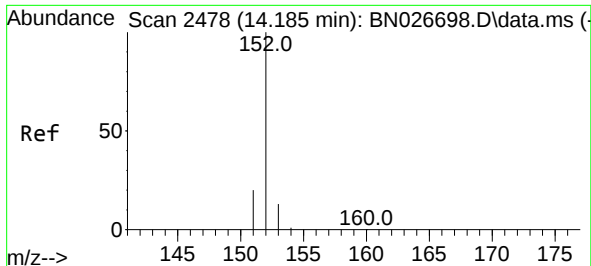


#8
1-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



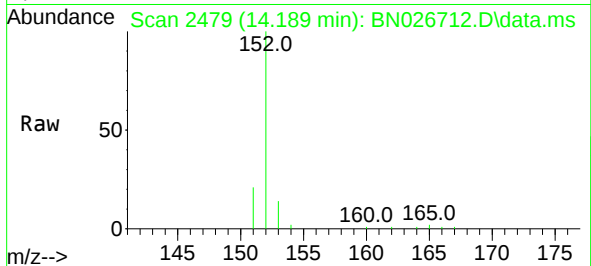
Tgt Ion:142 Resp: 6630
Ion Ratio Lower Upper
142 100
141 93.7 74.5 111.7





#10
Acenaphthylene
Concen: 0.253 ng/ul
RT: 14.189 min Scan# 2478
Delta R.T. -0.000 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

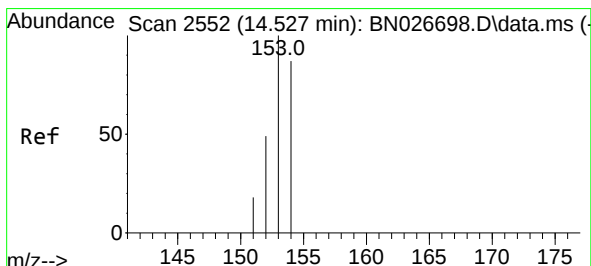
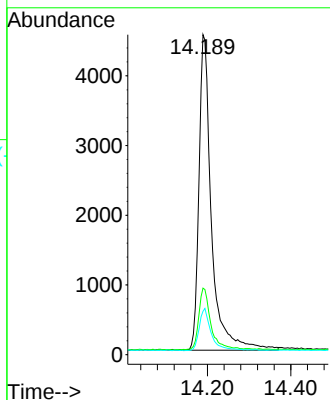
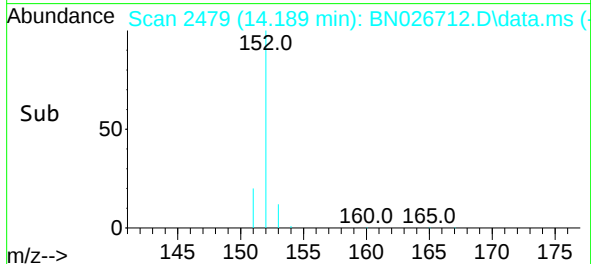
Instrument :
BNA_N
ClientSampleId :
SLCS169



Tgt Ion:152 Resp: 948
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6
153 13.6 11.4 17.2

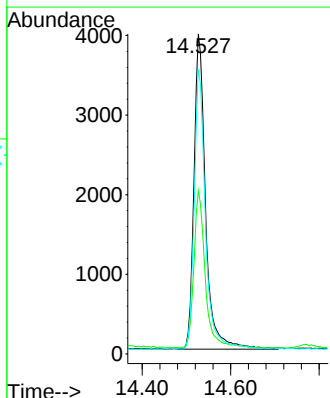
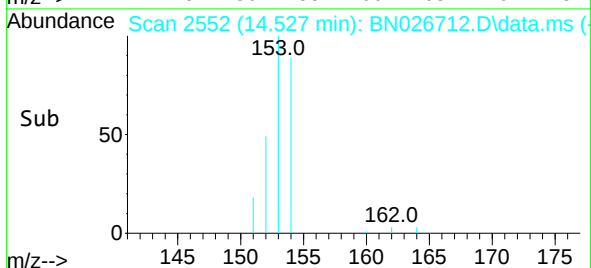
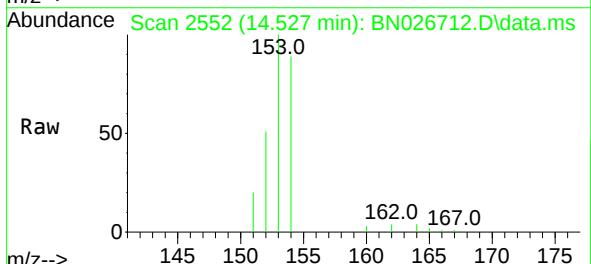
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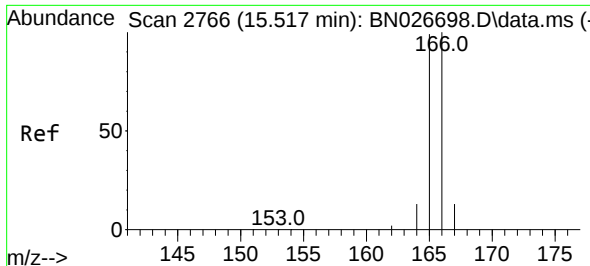
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

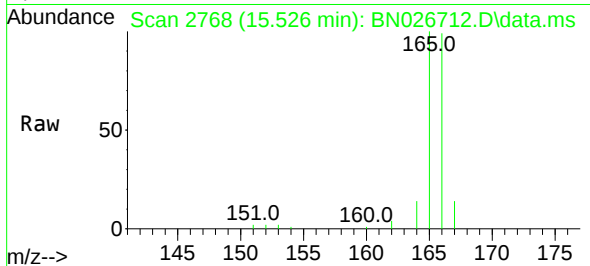
Tgt Ion:153 Resp: 7217
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 89.1 69.3 103.9





#12
Fluorene
Concen: 0.282 ng/ul
RT: 15.526 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

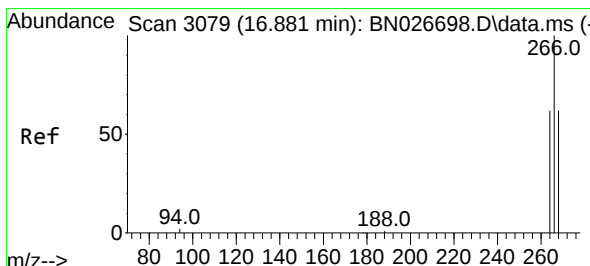
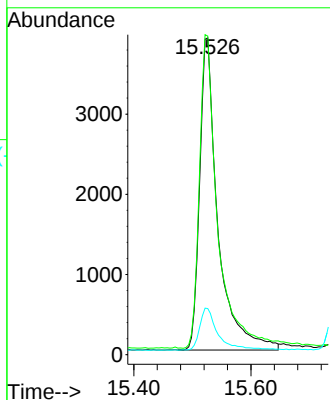
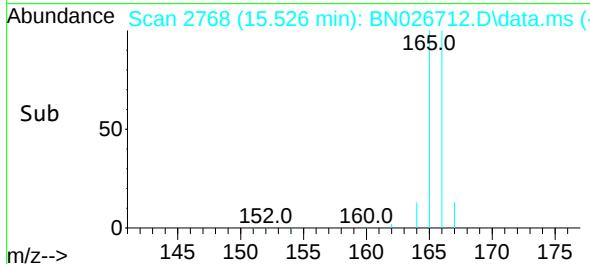
Instrument :
BNA_N
ClientSampleId :
SLCS169



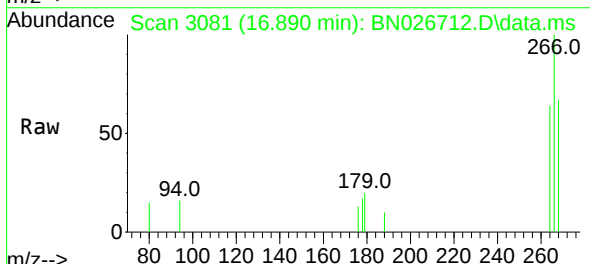
Tgt Ion:166 Resp: 846
Ion Ratio Lower Upper
166 100
165 100.6 80.6 120.8
167 14.5 12.0 18.0

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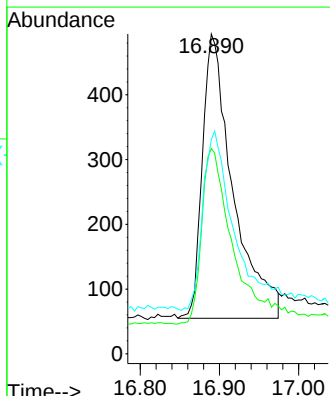
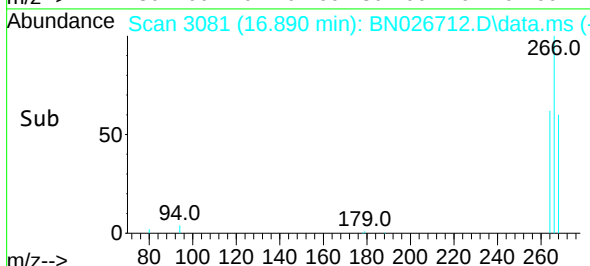
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

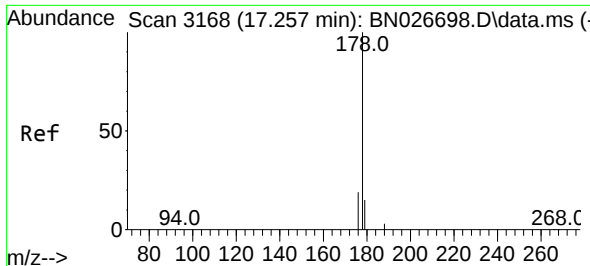


#14
Pentachlorophenol
Concen: 0.314 ng/ul
RT: 16.890 min Scan# 3081
Delta R.T. 0.008 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



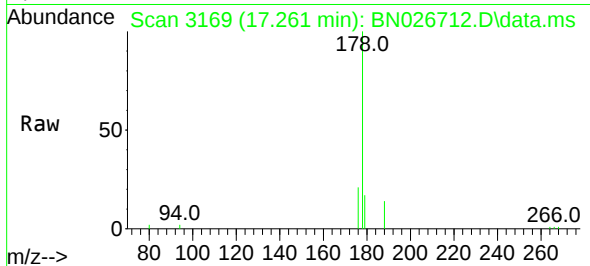
Tgt Ion:266 Resp: 1175
Ion Ratio Lower Upper
266 100
264 62.5 52.0 78.0
268 63.8 53.0 79.6





#15
Phenanthrene
Concen: 0.250 ng/u1
RT: 17.261 min Scan# 3169
Delta R.T. 0.004 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

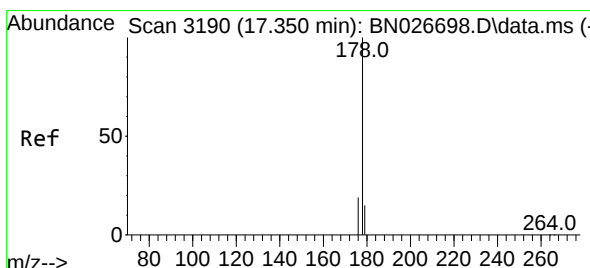
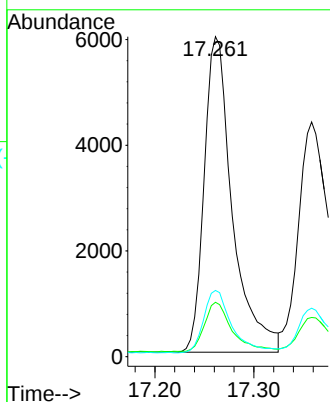
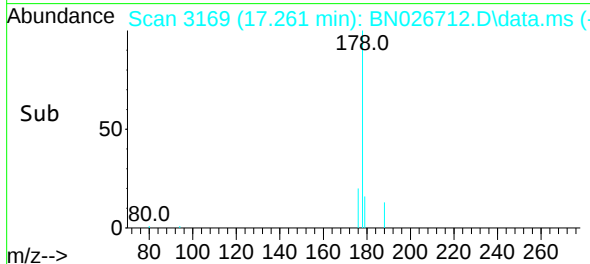
Instrument :
BNA_N
ClientSampleId :
SLCS169



Tgt Ion:178 Resp: 11848
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 20.7 16.5 24.7

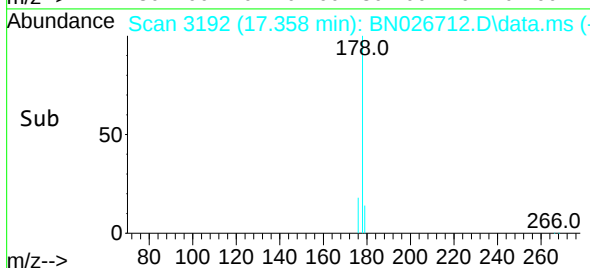
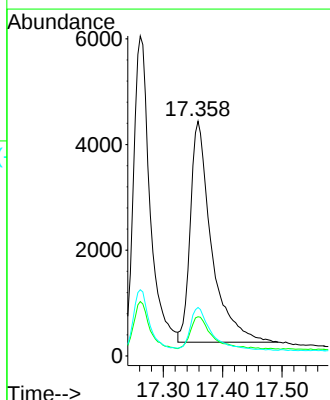
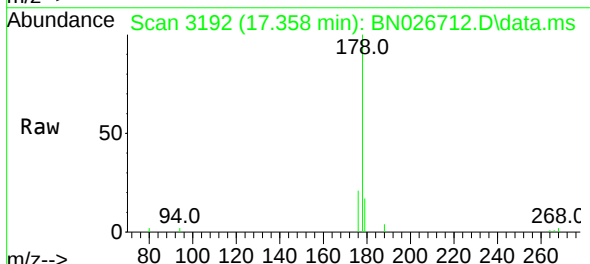
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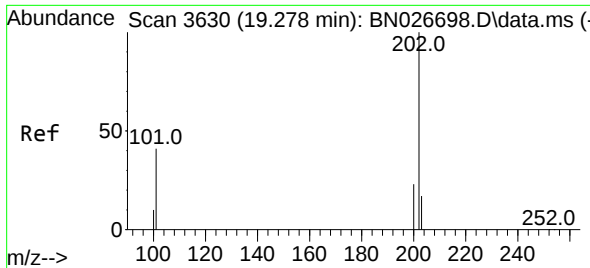
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.252 ng/u1
RT: 17.358 min Scan# 3192
Delta R.T. 0.008 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

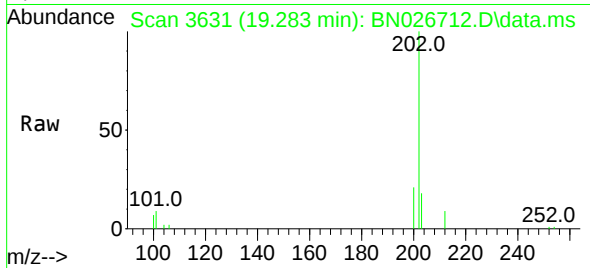
Tgt Ion:178 Resp: 10339
Ion Ratio Lower Upper
178 100
179 16.7 14.8 22.2
176 20.7 16.6 25.0





#19
Fluoranthene
Concen: 0.283 ng/u1
RT: 19.283 min Scan# 30
Delta R.T. 0.004 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

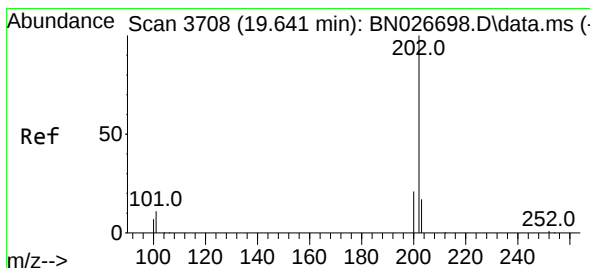
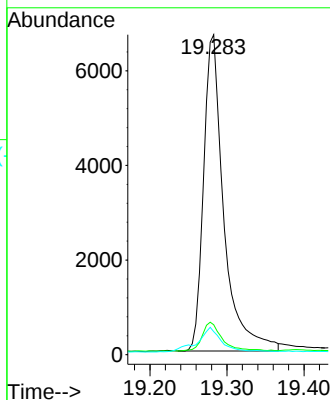
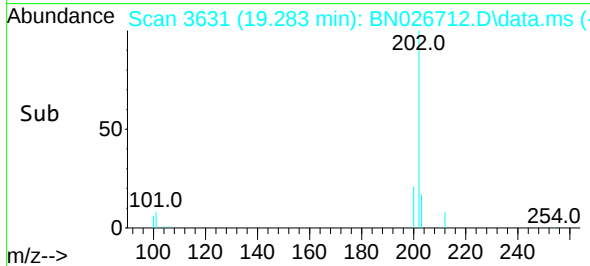
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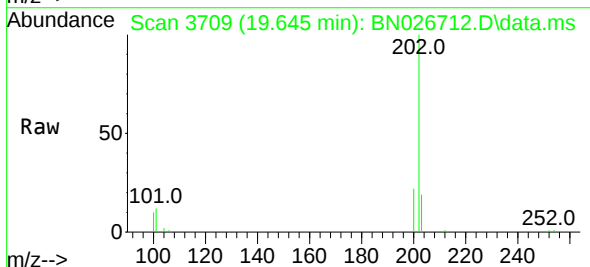
Tgt Ion:202 Resp: 1222
Ion Ratio Lower Upper
202 100
101 9.4 7.0 10.4
100 7.2 6.0 9.0

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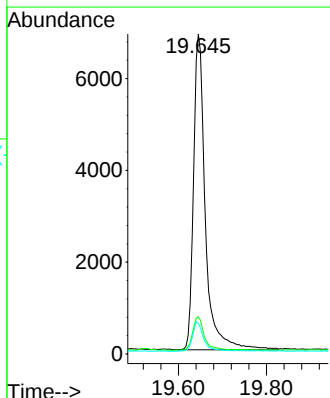
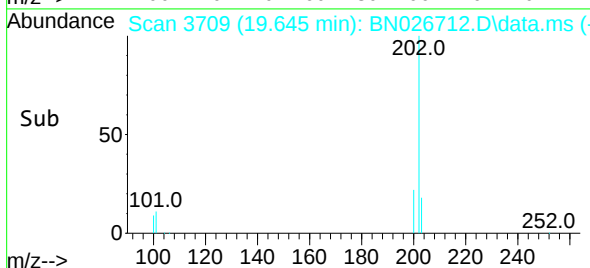
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

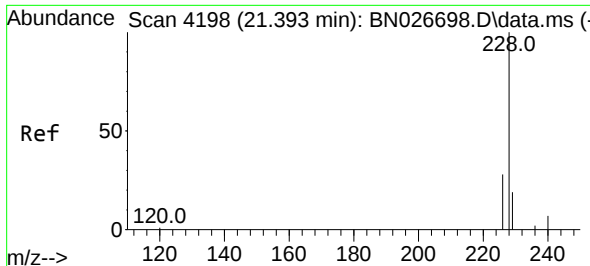


#20
Pyrene
Concen: 0.273 ng/u1
RT: 19.645 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



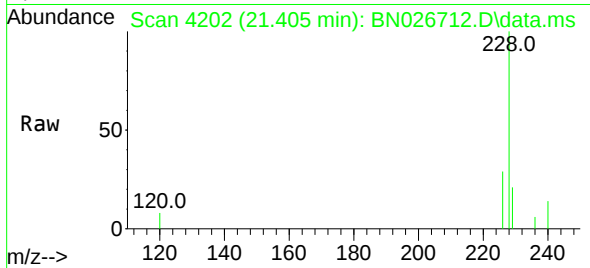
Tgt Ion:202 Resp: 12802
Ion Ratio Lower Upper
202 100
101 11.6 8.0 12.0
100 9.6 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.281 ng/u1
RT: 21.405 min Scan# 4198
Delta R.T. 0.003 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

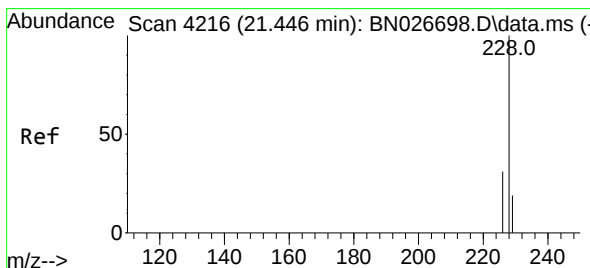
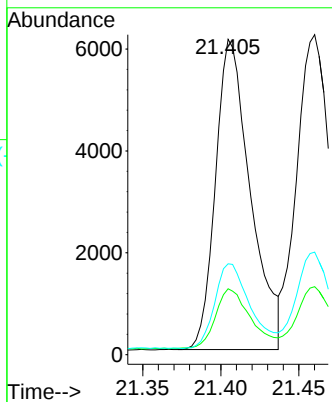
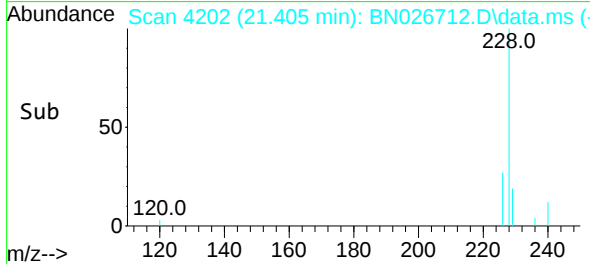
Instrument :
BNA_N
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SLCS169



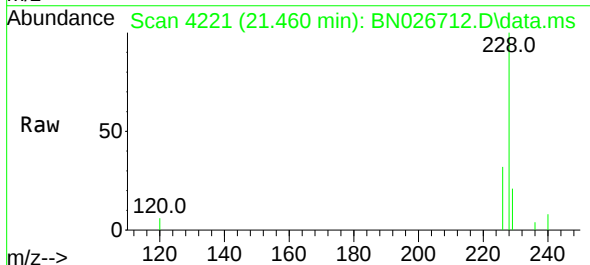
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Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 28.8 23.5 35.3

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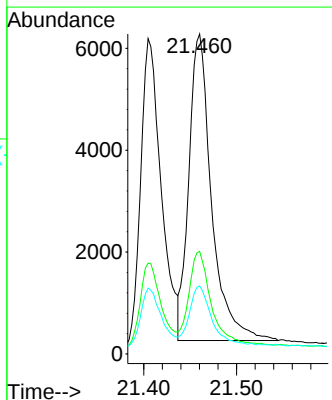
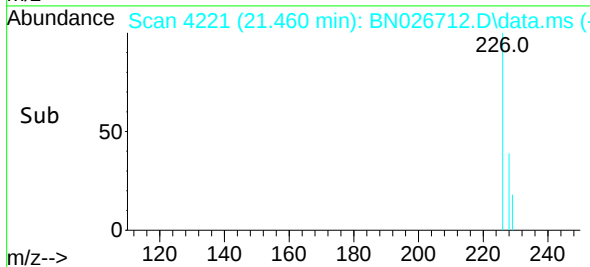
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

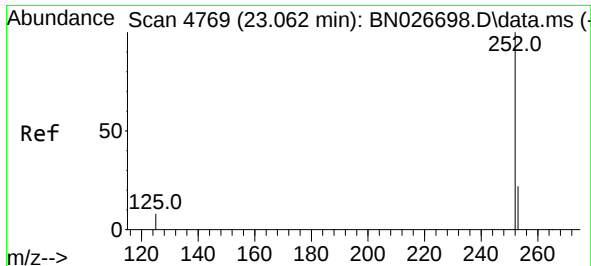


#22
Chrysene
Concen: 0.265 ng/u1
RT: 21.460 min Scan# 4221
Delta R.T. 0.006 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



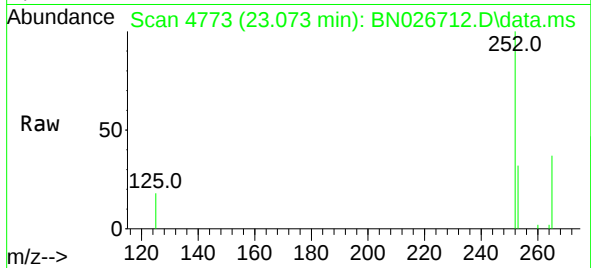
Tgt Ion:228 Resp: 10220
Ion Ratio Lower Upper
228 100
226 32.1 25.2 37.8
229 21.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.231 ng/ul
RT: 23.073 min Scan# 4773
Delta R.T. 0.006 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

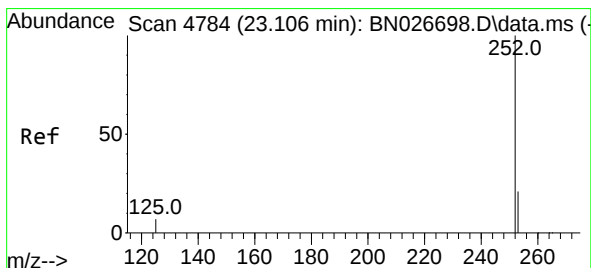
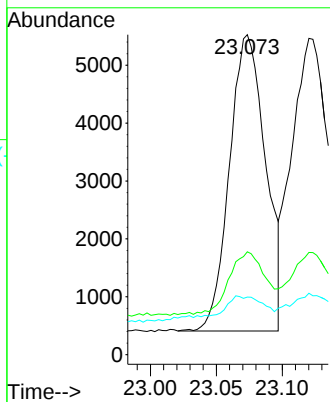
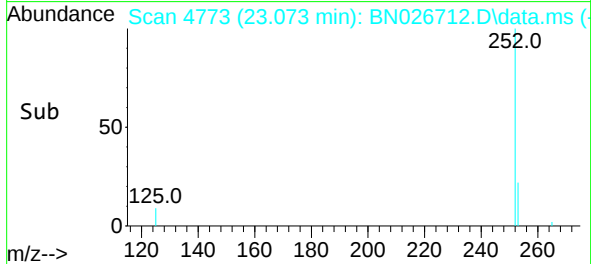
Instrument :
BNA_N
ClientSampleId :
SLCS169



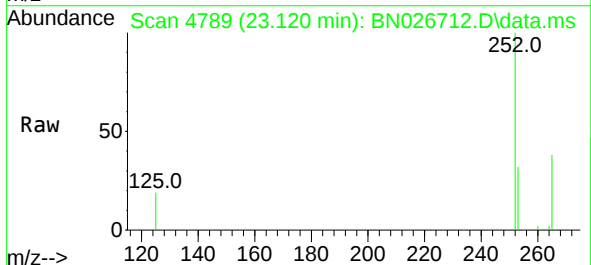
Tgt Ion:252 Resp: 975
Ion Ratio Lower Upper
252 100
253 32.2 0.0 68.6
125 18.0 0.0 34.0

Manual Integrations
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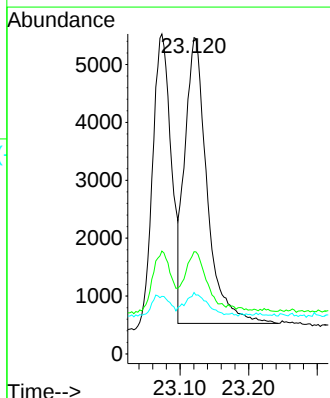
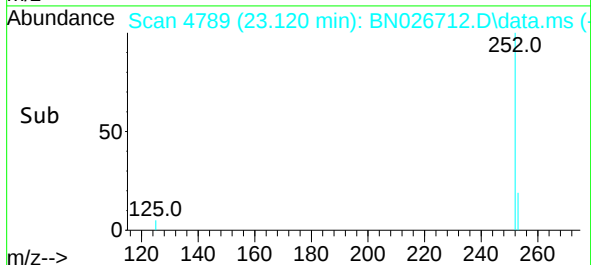
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

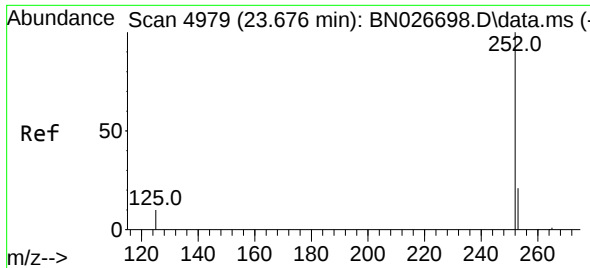


#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul
RT: 23.120 min Scan# 4789
Delta R.T. 0.006 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



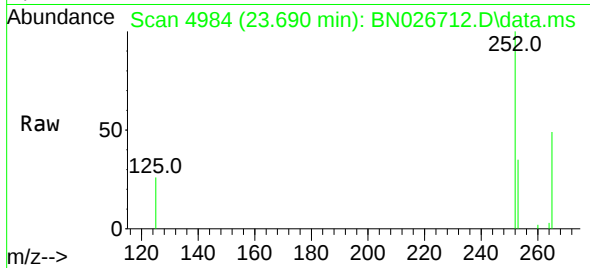
Tgt Ion:252 Resp: 11151
Ion Ratio Lower Upper
252 100
253 32.3 27.2 40.8
125 19.4 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.266 ng/ul
RT: 23.690 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

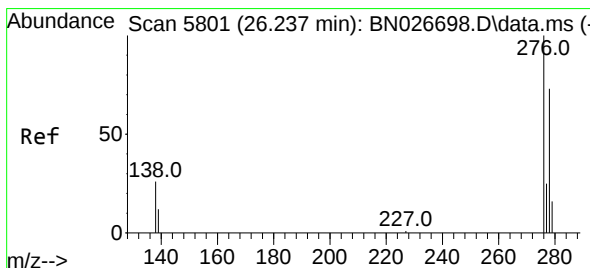
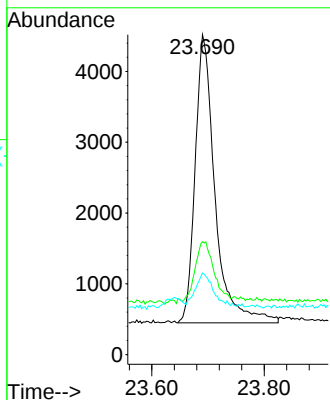
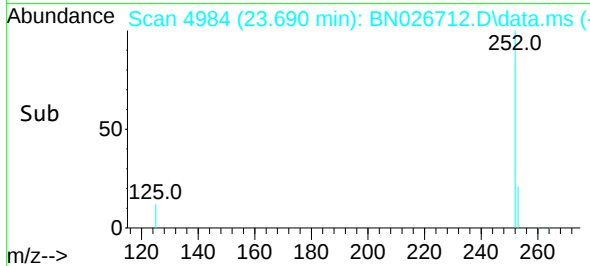
Instrument :
BNA_N
ClientSampleId :
SLCS169



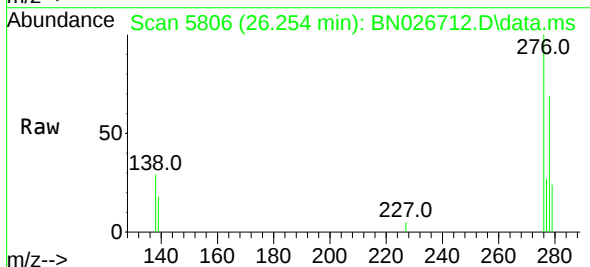
Tgt Ion:252 Resp: 998
Ion Ratio Lower Upper
252 100
253 35.3 32.6 49.0
125 25.6 19.3 28.9

Manual Integrations
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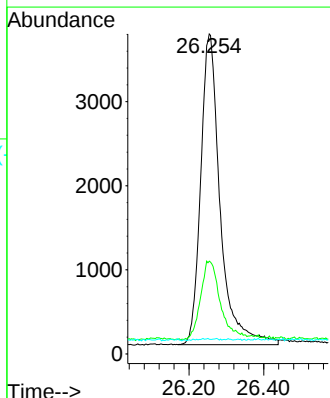
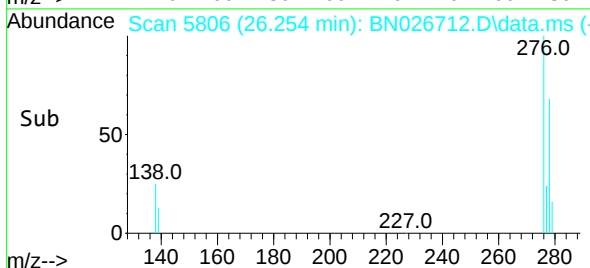
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

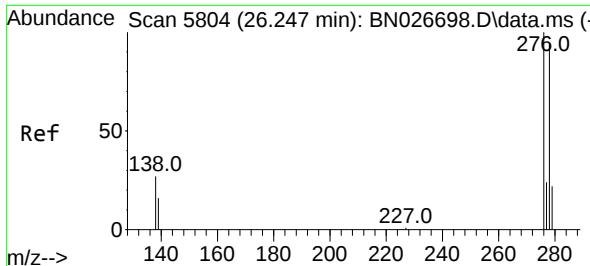


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.270 ng/ul
RT: 26.254 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



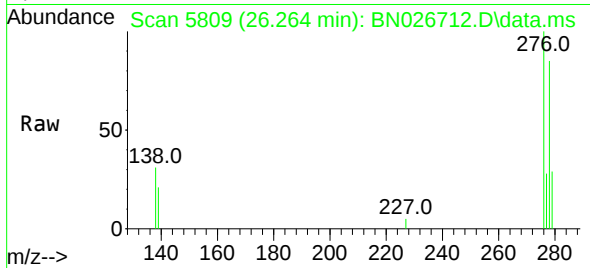
Tgt Ion:276 Resp: 13336
Ion Ratio Lower Upper
276 100
138 26.2 22.2 33.4
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.275 ng/ul
RT: 26.264 min Scan# 5809
Delta R.T. 0.006 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43

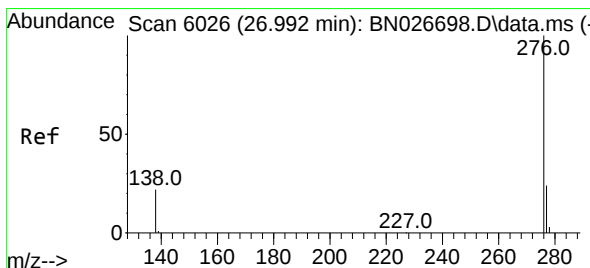
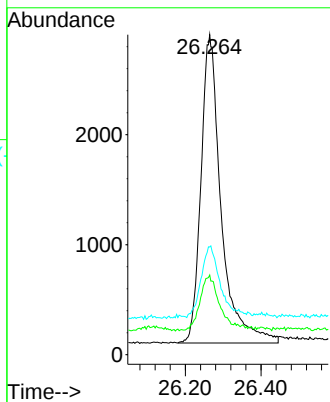
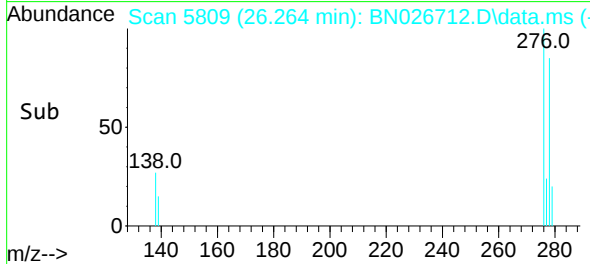
Instrument :
BNA_N
ClientSampleId :
SLCS169



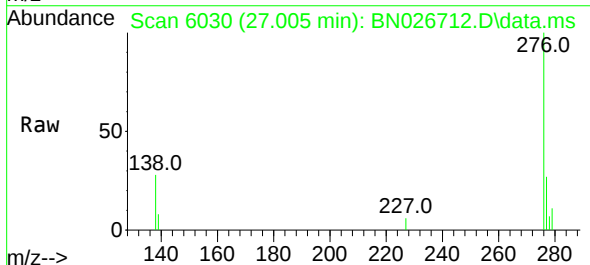
Tgt Ion:278 Resp: 1041
Ion Ratio Lower Upper
278 100
139 24.9 18.9 28.3
279 33.7 31.3 46.9

Manual Integrations
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Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.263 ng/ul
RT: 27.005 min Scan# 6030
Delta R.T. 0.003 min
Lab File: BN026712.D
Acq: 24 Jul 2023 13:43



Tgt Ion:276 Resp: 11444
Ion Ratio Lower Upper
276 100
138 28.0 22.6 34.0
277 27.3 21.8 32.8

