

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026711.D
 Acq On : 24 Jul 2023 13:06
 Operator : MA/JU
 Sample : PB154124BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS124

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 15:59:05 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	7.840	152	3587	0.400	ng/ul	0.00
4) Naphthalene-d8	10.630	136	13855	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	5968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	12642m	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	9128	0.400	ng/ul	0.00
23) Perylene-d12	23.796	264	10715	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2012	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	5437	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	10162	0.321	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.233	88	4942	1.106	ng/ul#	90
5) Naphthalene	10.680	128	10602	0.279	ng/ul	100
7) 2-Methylnaphthalene	12.302	142	6326	0.293	ng/ul	99
8) 1-Methylnaphthalene	12.511	142	7120	0.308	ng/ul	99
10) Acenaphthylene	14.194	152	10421	0.357	ng/ul	99
11) Acenaphthene	14.527	153	6042	0.271	ng/ul	99
12) Fluorene	15.522	166	6658	0.285	ng/ul	99
14) Pentachlorophenol	16.890	266	1296m	0.406	ng/ul	
15) Phenanthrene	17.261	178	9848	0.245	ng/ul	99
16) Anthracene	17.358	178	9013	0.258	ng/ul	98
19) Fluoranthene	19.283	202	13764	0.322	ng/ul	99
20) Pyrene	19.645	202	14147	0.304	ng/ul#	96
21) Benzo(a)anthracene	21.402	228	10664	0.318	ng/ul	99
22) Chrysene	21.454	228	11236	0.294	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	11409	0.273	ng/ul	94
25) Benzo(k)fluoranthene	23.117	252	12654	0.289	ng/ul#	94
26) Benzo(a)pyrene	23.690	252	11023	0.297	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.247	276	14773	0.303	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.261	278	11433	0.306	ng/ul	94
29) Benzo(g,h,i)perylene	27.005	276	12505	0.291	ng/ul	98

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

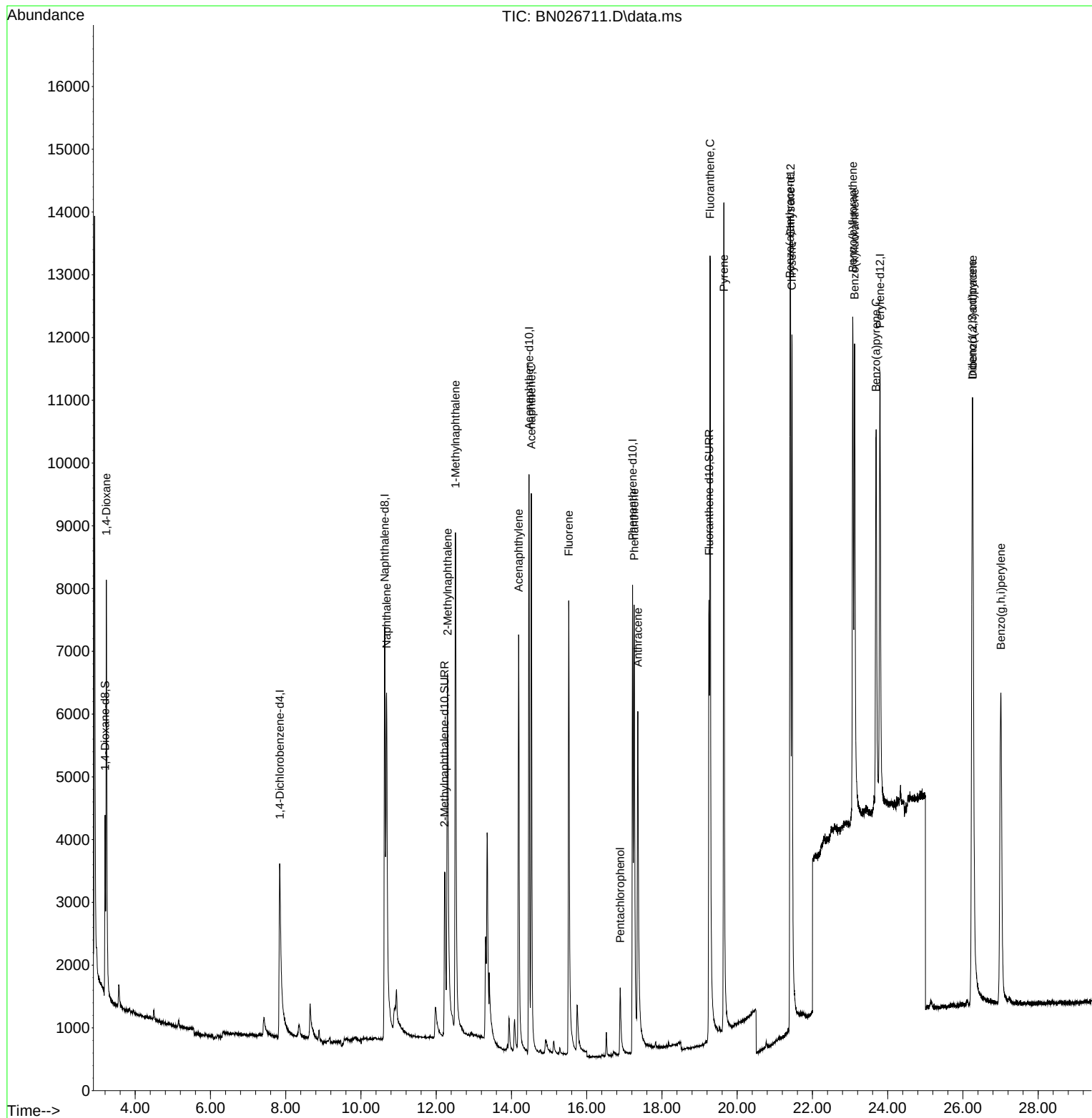
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026711.D
Acq On : 24 Jul 2023 13:06
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ALS Vial : 46 Sample Multiplier: 1

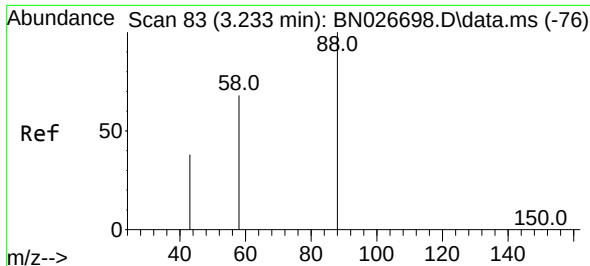
Instrument :
BNA_N
ClientSampleId :
SLCS124

Quant Time: Jul 24 15:59:05 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

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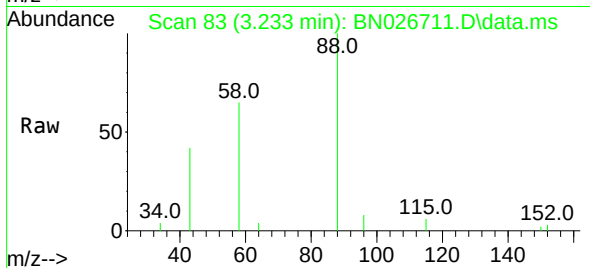
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023





#2
1,4-Dioxane
Concen: 1.106 ng/ul
RT: 3.233 min Scan# 81
Delta R.T. -0.004 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

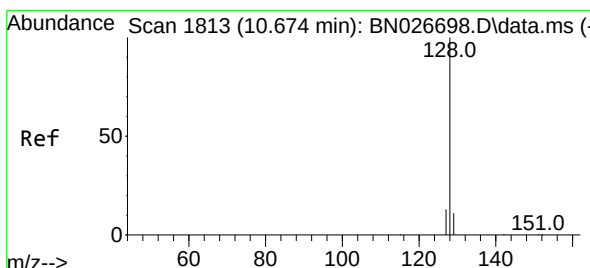
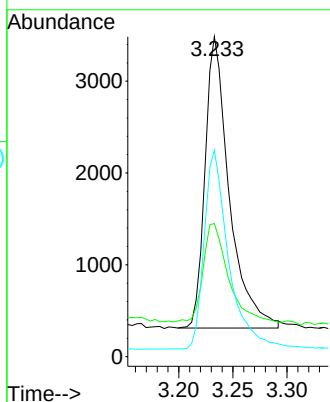
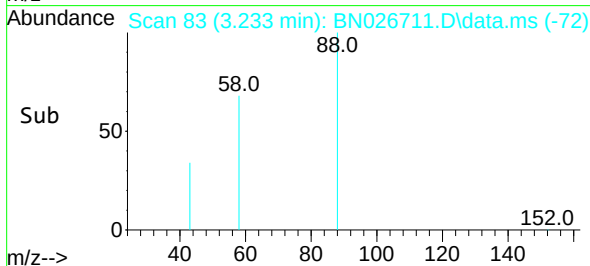
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ClientSampleId :
SLCS124



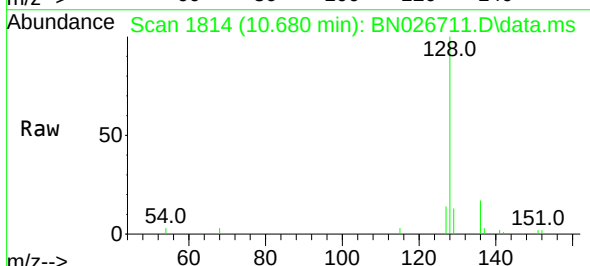
Tgt Ion: 88 Resp: 494
Ion Ratio Lower Upper
88 100
43 41.6 33.0 49.6
58 64.6 41.7 62.5

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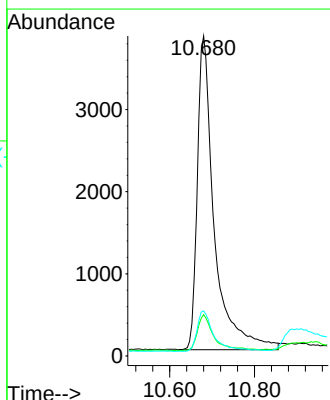
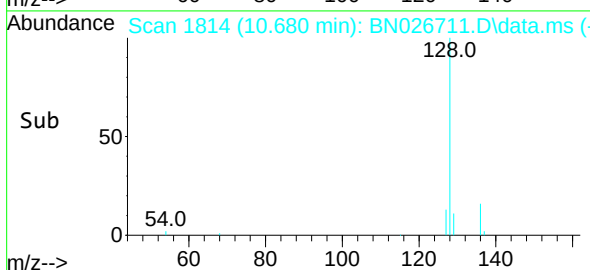
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

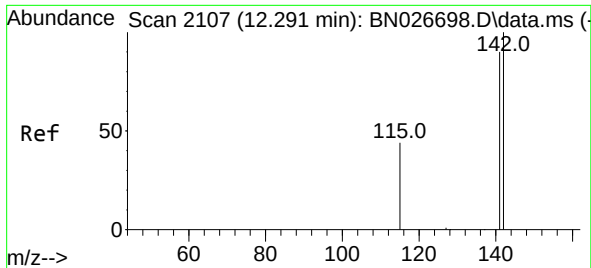


#5
Naphthalene
Concen: 0.279 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. 0.005 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06



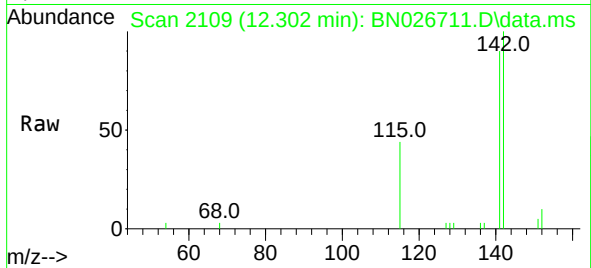
Tgt Ion:128 Resp: 10602
Ion Ratio Lower Upper
128 100
129 12.9 10.2 15.2
127 14.1 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

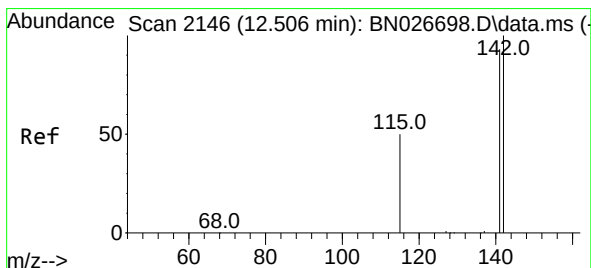
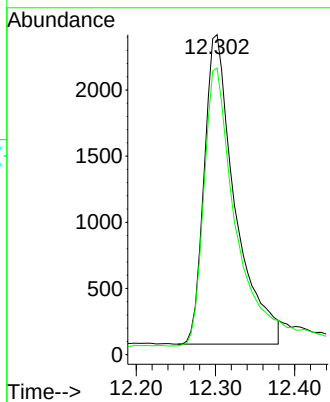
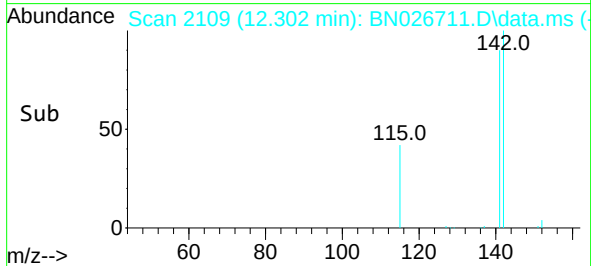
Instrument :
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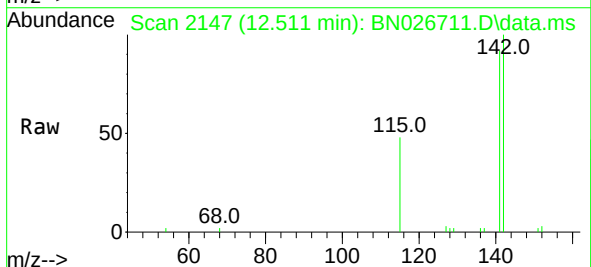
Tgt Ion:142 Resp: 6320
Ion Ratio Lower Upper
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141 91.1 72.3 108.5

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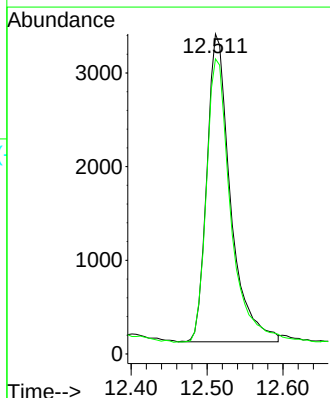
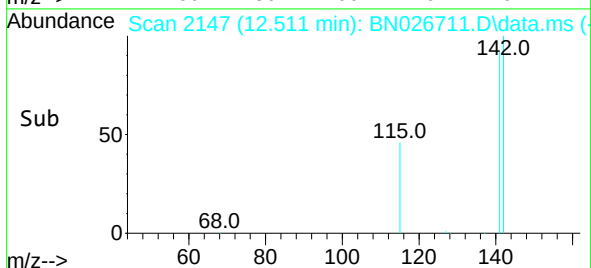
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

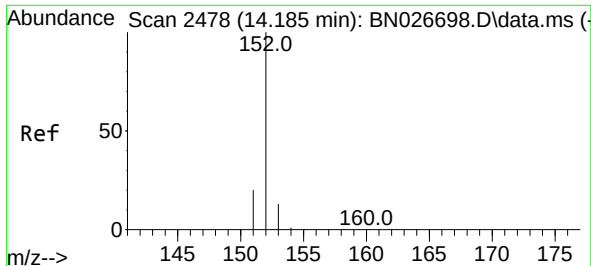


#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06



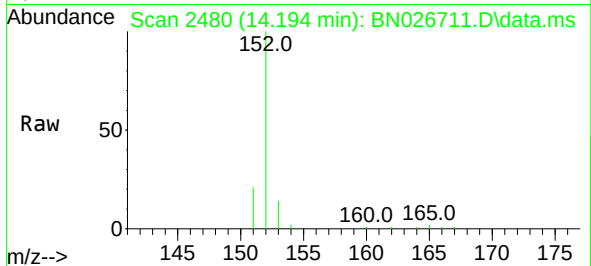
Tgt Ion:142 Resp: 7120
Ion Ratio Lower Upper
142 100
141 94.0 74.5 111.7





#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.194 min Scan# 2478
Delta R.T. 0.005 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

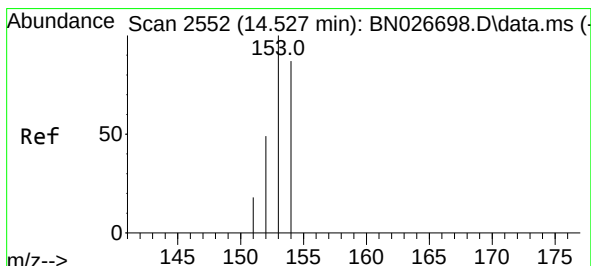
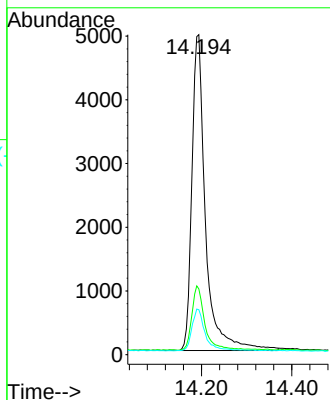
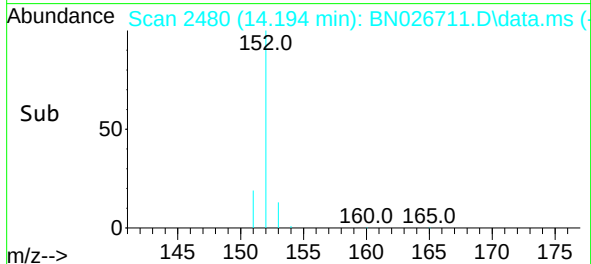
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 1042
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6
153 14.1 11.4 17.2

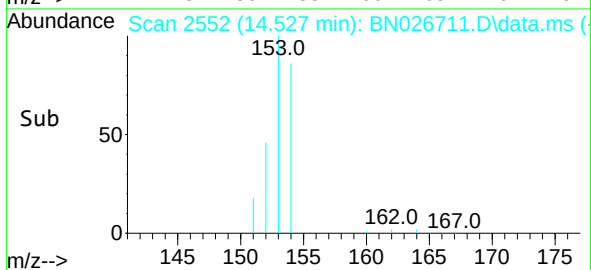
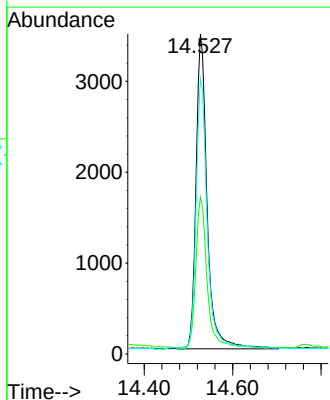
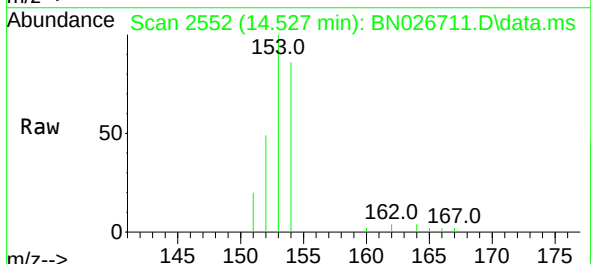
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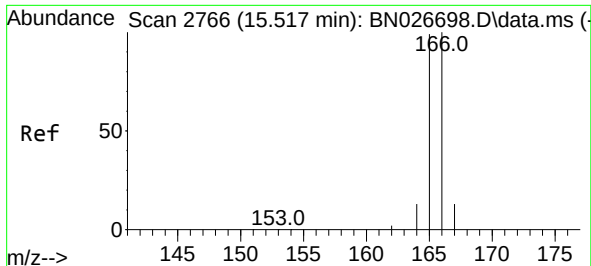
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.271 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

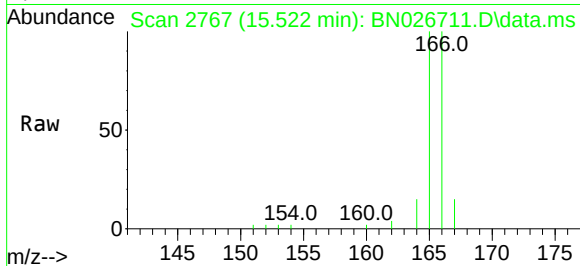
Tgt Ion:153 Resp: 6042
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 86.1 69.3 103.9





#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.522 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

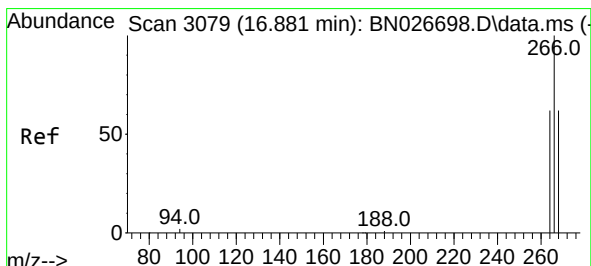
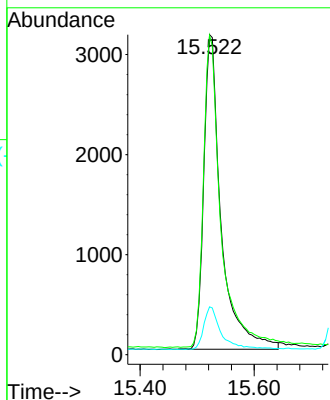
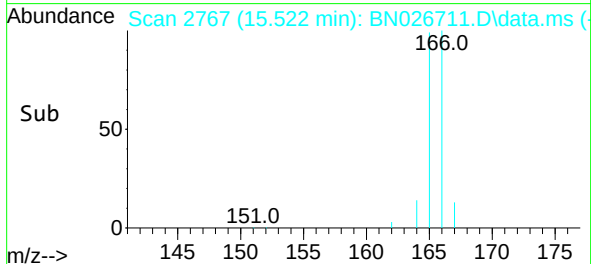
Instrument :
BNA_N
ClientSampleId :
SLCS124



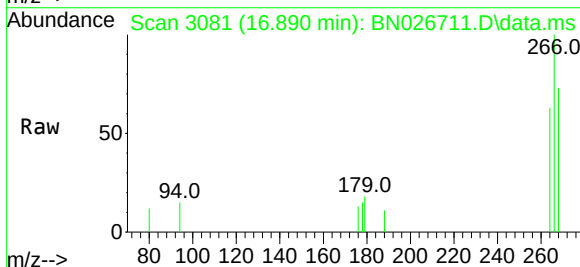
Tgt Ion:166 Resp: 665
Ion Ratio Lower Upper
166 100
165 99.8 80.6 120.8
167 15.0 12.0 18.0

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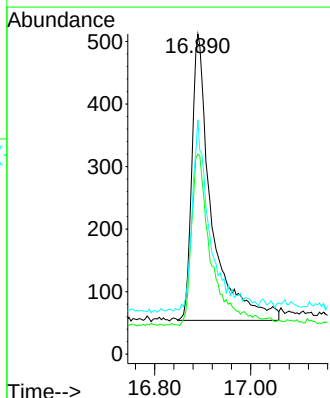
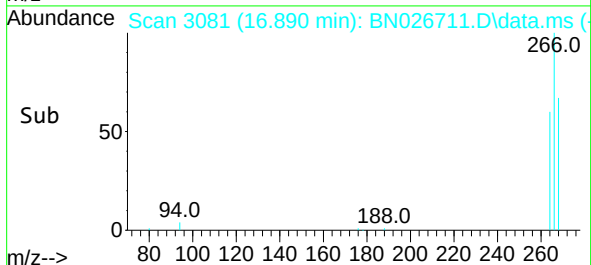
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

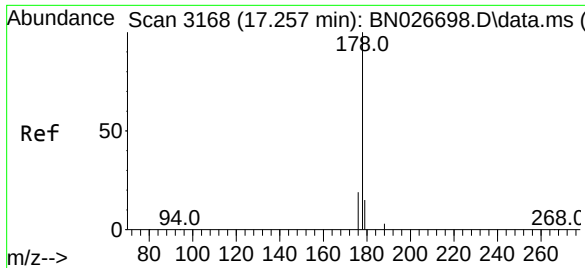


#14
Pentachlorophenol
Concen: 0.406 ng/ul m
RT: 16.890 min Scan# 3081
Delta R.T. 0.008 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06



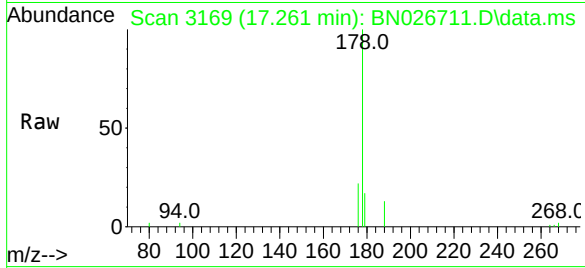
Tgt Ion:266 Resp: 1296
Ion Ratio Lower Upper
266 100
264 56.3 52.0 78.0
268 56.3 53.0 79.6





#15
Phenanthrene
Concen: 0.245 ng/u1
RT: 17.261 min Scan# 3168
Delta R.T. 0.004 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

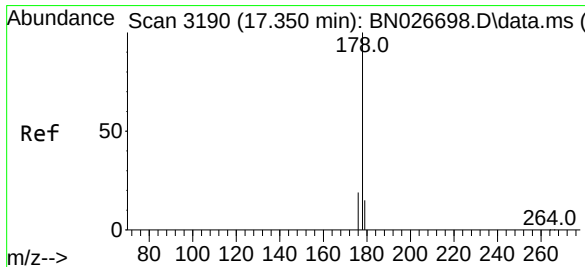
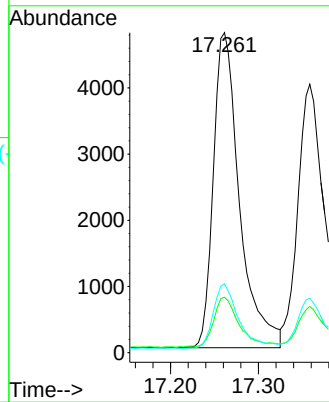
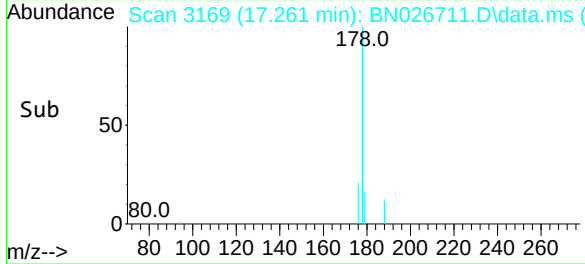
Instrument :
BNA_N
ClientSampleId :
SLCS124



Tgt Ion:178 Resp: 9848
Ion Ratio Lower Upper
178 100
179 17.3 13.7 20.5
176 21.6 16.5 24.7

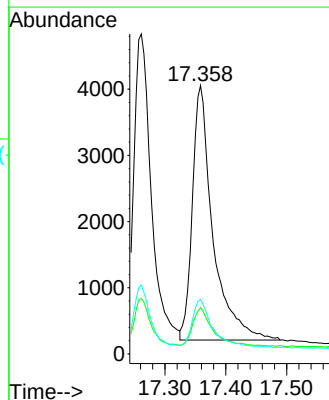
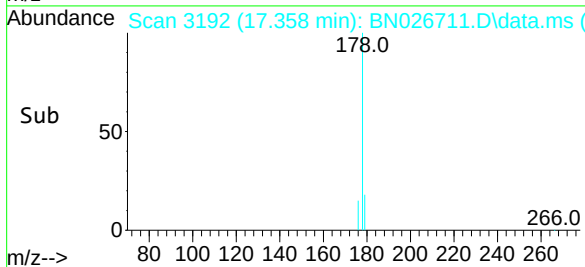
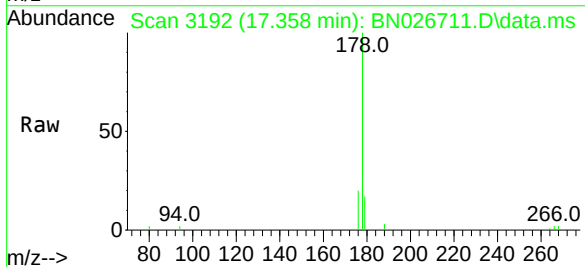
Manual Integrations
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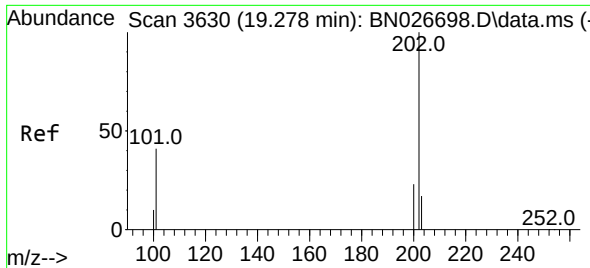
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.258 ng/u1
RT: 17.358 min Scan# 3192
Delta R.T. 0.008 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

Tgt Ion:178 Resp: 9013
Ion Ratio Lower Upper
178 100
179 17.2 14.8 22.2
176 20.2 16.6 25.0





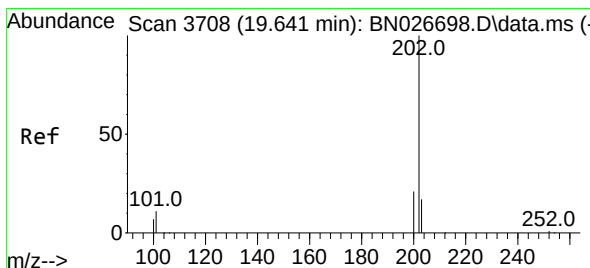
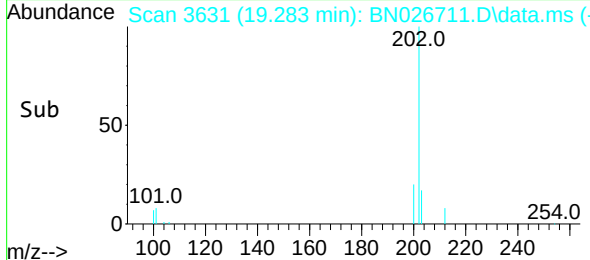
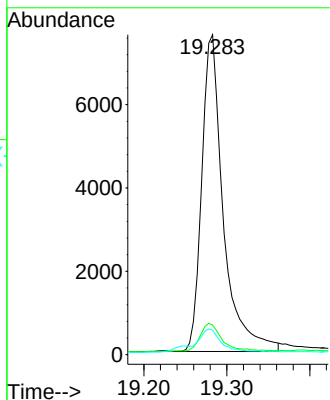
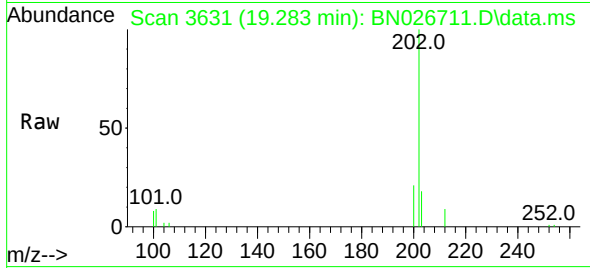
#19
Fluoranthene
Concen: 0.322 ng/u1
RT: 19.283 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

Instrument :
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Tgt Ion:202 Resp: 13764
Ion Ratio Lower Upper
202 100
101 9.3 7.0 10.4
100 7.6 6.0 9.0

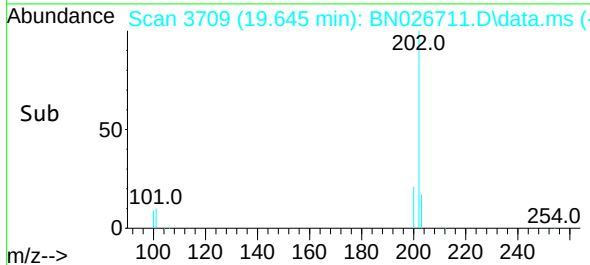
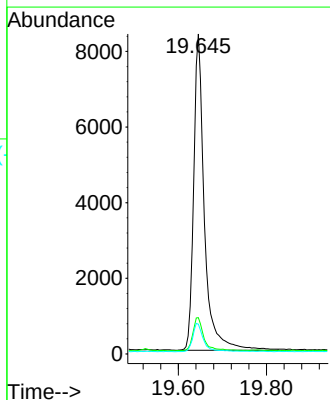
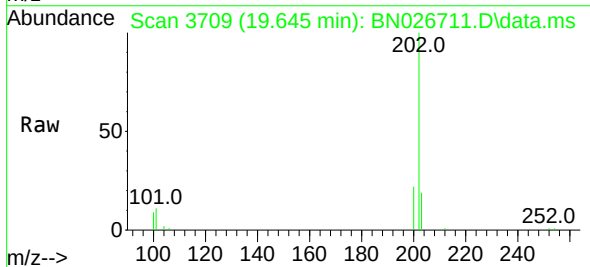
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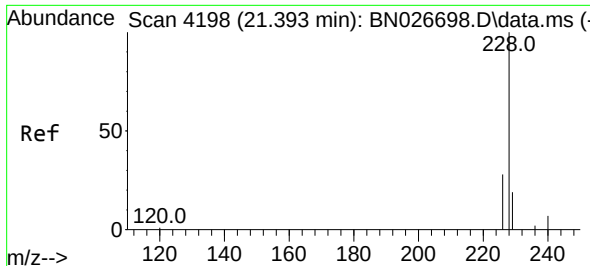
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.304 ng/u1
RT: 19.645 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

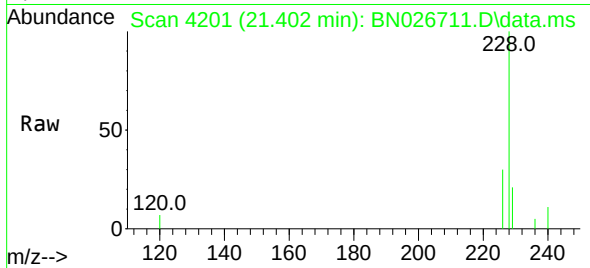
Tgt Ion:202 Resp: 14147
Ion Ratio Lower Upper
202 100
101 11.4 8.0 12.0
100 9.3 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.402 min Scan# 4198
Delta R.T. -0.000 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

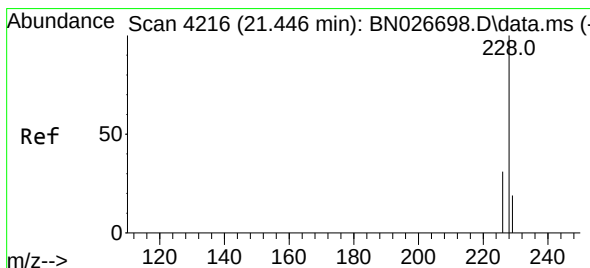
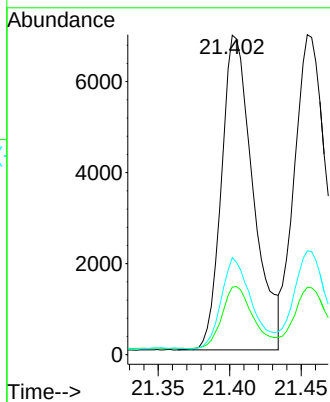
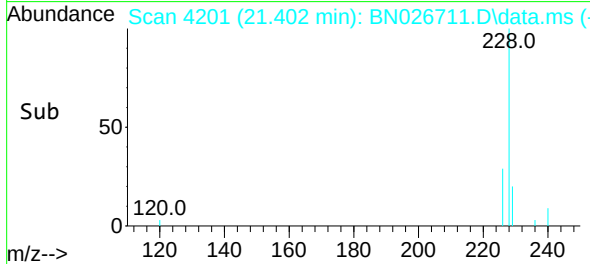
Instrument :
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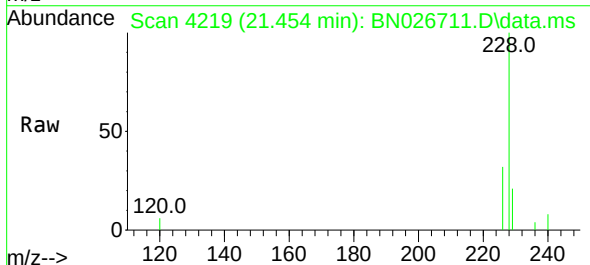
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Ion Ratio Lower Upper
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229 21.1 16.7 25.1
226 30.4 23.5 35.3

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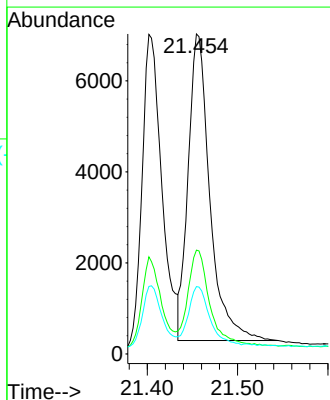
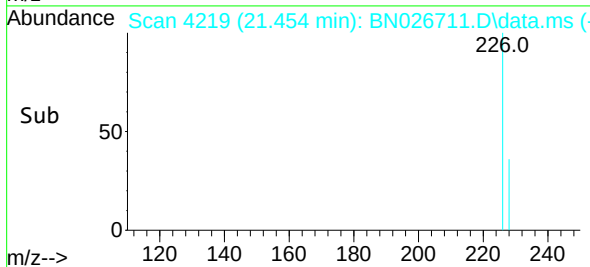
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

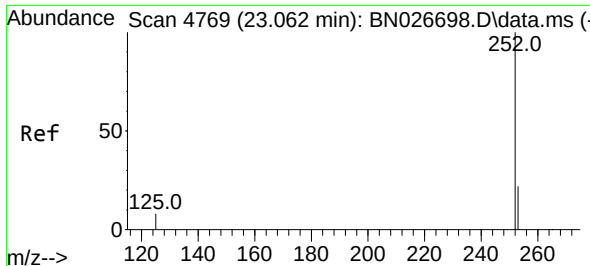


#22
Chrysene
Concen: 0.294 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06



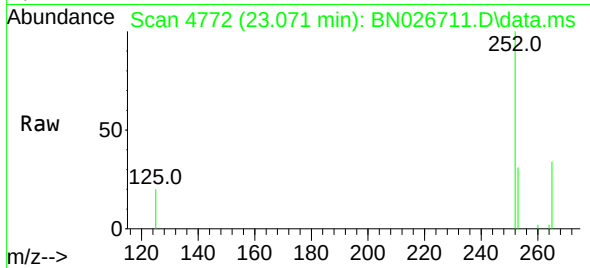
Tgt Ion:228 Resp: 11236
Ion Ratio Lower Upper
228 100
226 32.5 25.2 37.8
229 21.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.273 ng/ul
RT: 23.071 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

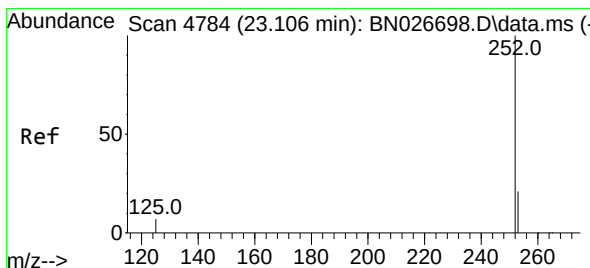
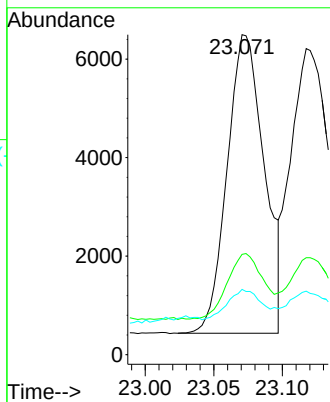
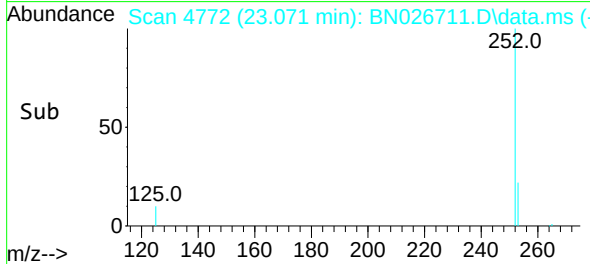
Instrument :
BNA_N
ClientSampleId :
SLCS124



Tgt Ion:252 Resp: 11409
Ion Ratio Lower Upper
252 100
253 31.3 0.0 68.6
125 20.4 0.0 34.0

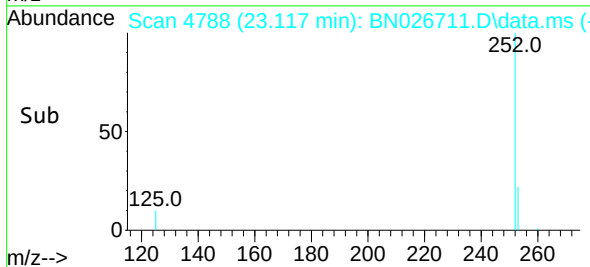
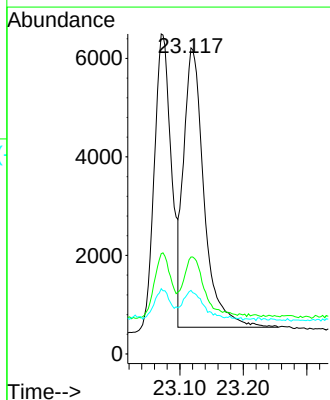
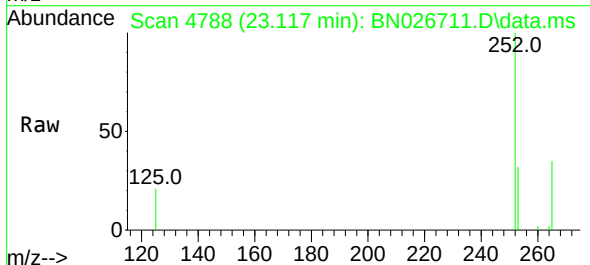
Manual Integrations
APPROVED

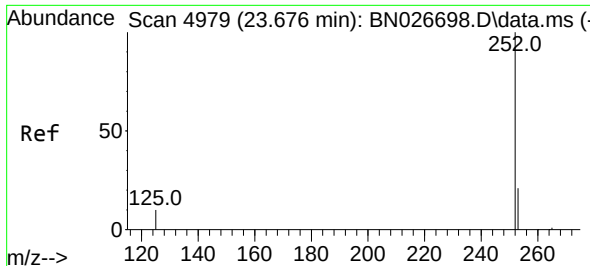
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul
RT: 23.117 min Scan# 4788
Delta R.T. 0.003 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

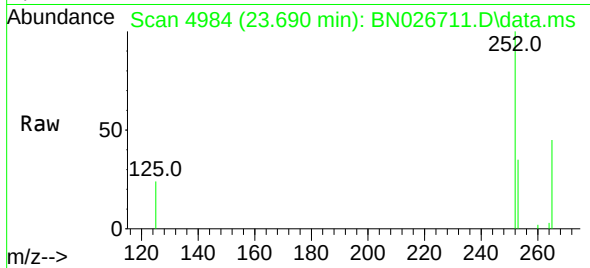
Tgt Ion:252 Resp: 12654
Ion Ratio Lower Upper
252 100
253 31.6 27.2 40.8
125 20.8 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.690 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

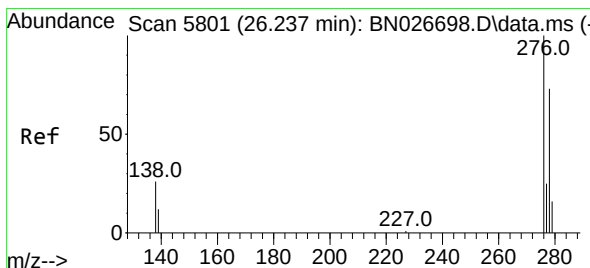
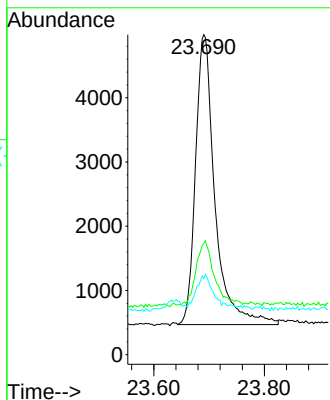
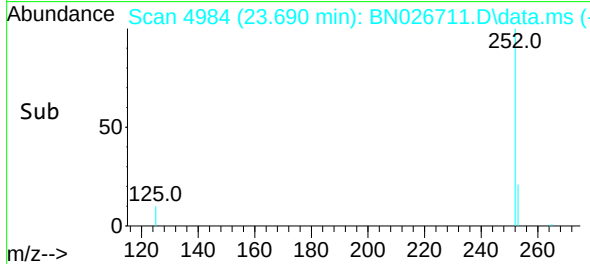
Instrument :
BNA_N
ClientSampleId :
SLCS124



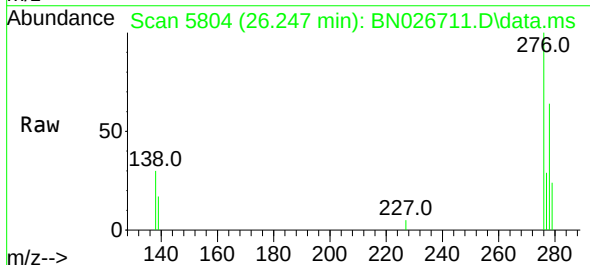
Tgt Ion:252 Resp: 1102
Ion Ratio Lower Upper
252 100
253 34.8 32.6 49.0
125 23.7 19.3 28.9

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APPROVED

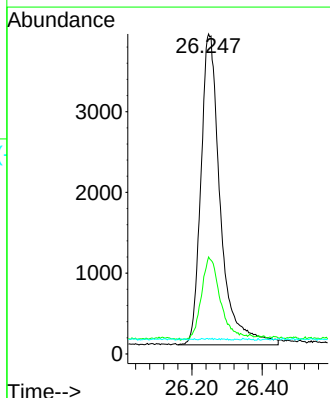
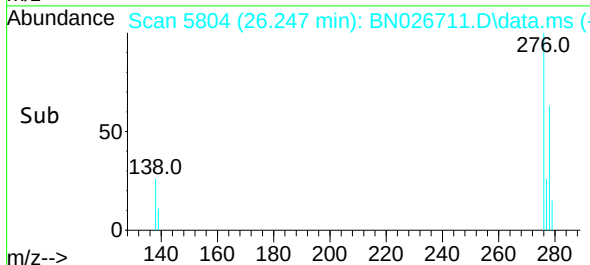
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

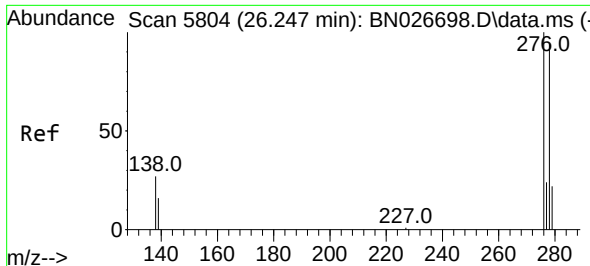


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.247 min Scan# 5804
Delta R.T. -0.003 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06



Tgt Ion:276 Resp: 14773
Ion Ratio Lower Upper
276 100
138 25.9 22.2 33.4
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 26.261 min Scan# 5808
Delta R.T. 0.003 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

Instrument :

BNA_N

ClientSampleId :

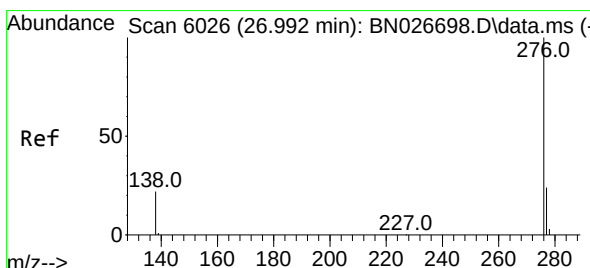
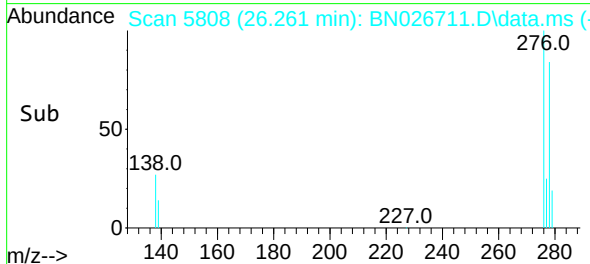
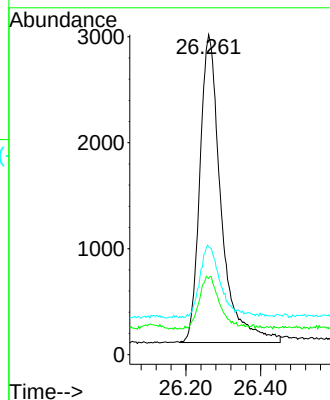
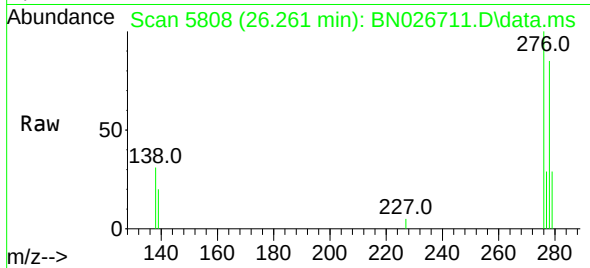
SLCS124

Tgt Ion:278 Resp: 1143
Ion Ratio Lower Upper
278 100
139 23.8 18.9 28.3
279 33.7 31.3 46.9

Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 27.005 min Scan# 6030
Delta R.T. 0.003 min
Lab File: BN026711.D
Acq: 24 Jul 2023 13:06

Tgt Ion:276 Resp: 12505
Ion Ratio Lower Upper
276 100
138 26.6 22.6 34.0
277 26.8 21.8 32.8

