

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028698.D
 Acq On : 17 Nov 2023 12:40
 Operator : MA/JU
 Sample : PB157170BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS170

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 17 13:06:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	6100m	0.400	ng/ul	0.02
4) Naphthalene-d8	10.523	136	17189	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.330	164	11862	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	16472	0.400	ng/ul	0.00
17) Chrysene-d12	21.301	240	14128	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	14266	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5774	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	5140	0.199	ng/ul	0.01
18) Fluoranthene-d10	19.127	212	18471	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	16695	2.240	ng/ul#	82
5) Naphthalene	10.572	128	14380	0.299	ng/ul#	95
7) 2-Methylnaphthalene	12.217	142	8035m	0.253	ng/ul	
8) 1-Methylnaphthalene	12.376	142	9470	0.294	ng/ul	99
10) Acenaphthylene	14.057	152	18764	0.317	ng/ul	98
11) Acenaphthene	14.390	153	15568	0.357	ng/ul	98
12) Fluorene	15.408	166	12934	0.255	ng/ul	98
14) Pentachlorophenol	16.752	266	2668	0.675	ng/ul	98
15) Phenanthrene	17.140	178	19427	0.384	ng/ul	96
16) Anthracene	17.258	178	9612	0.207	ng/ul	94
19) Fluoranthene	19.154	202	23791	0.396	ng/ul	98
20) Pyrene	19.517	202	28154	0.452	ng/ul	96
21) Benzo(a)anthracene	21.287	228	13789	0.247	ng/ul	98
22) Chrysene	21.336	228	19298	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.894	252	18266	0.341	ng/ul	86
25) Benzo(k)fluoranthene	22.941	252	22074	0.394	ng/ul#	89
26) Benzo(a)pyrene	23.490	252	19408	0.384	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.937	276	23631	0.421	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.964	278	17712	0.395	ng/ul#	92
29) Benzo(g,h,i)perylene	26.638	276	21796	0.474	ng/ul	96

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

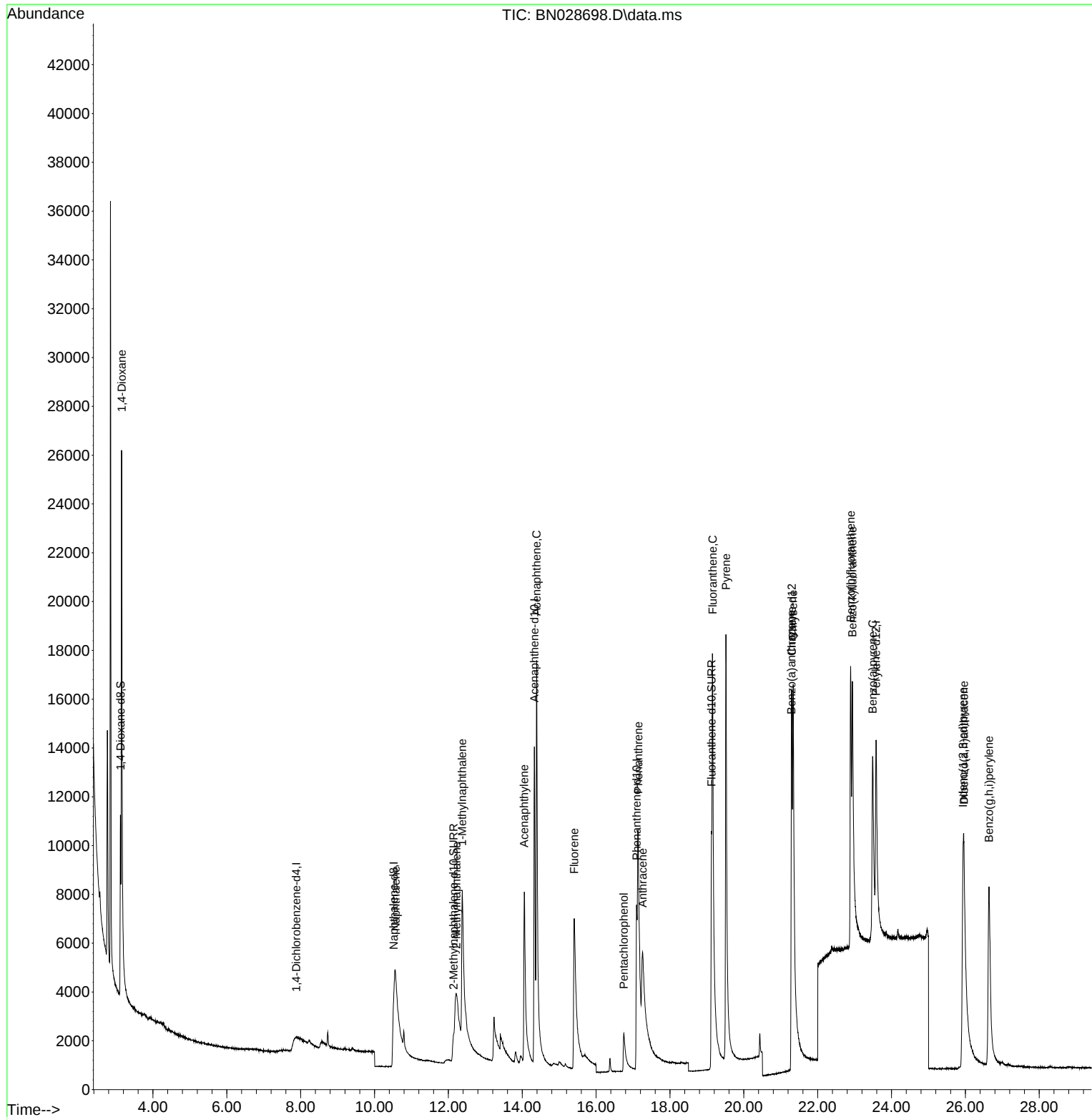
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028698.D
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ALS Vial : 72 Sample Multiplier: 1

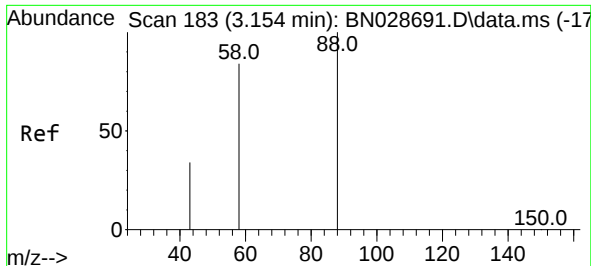
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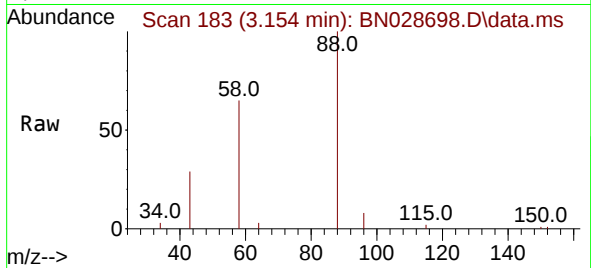
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 2.240 ng/ul
RT: 3.154 min Scan# 183
Delta R.T. 0.000 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

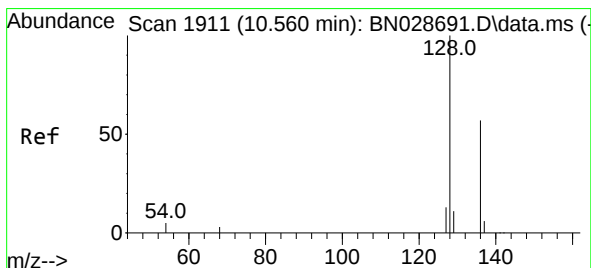
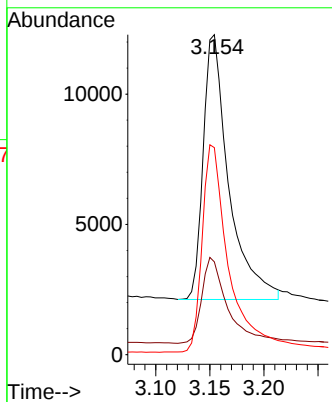
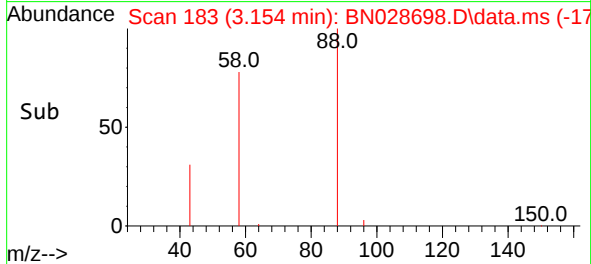
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 1669
Ion Ratio Lower Upper
88 100
43 29.0 32.9 49.3
58 64.7 41.8 62.8

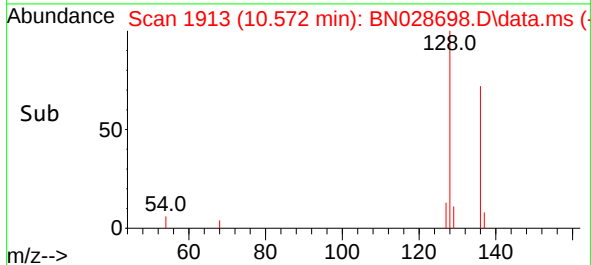
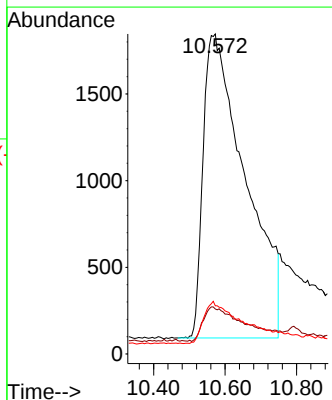
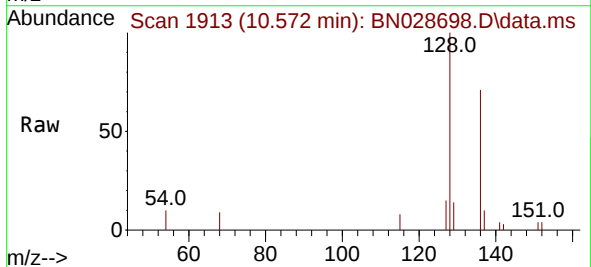
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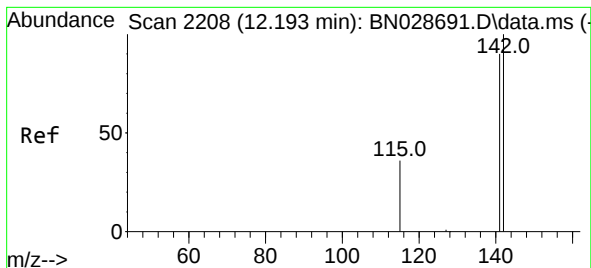
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.572 min Scan# 1913
Delta R.T. 0.012 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

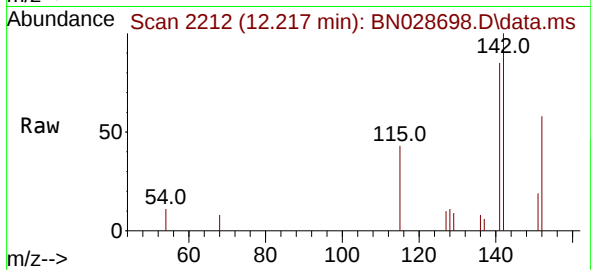
Tgt Ion:128 Resp: 14380
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8
127 15.1 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.253 ng/ul m
RT: 12.217 min Scan# 2212
Delta R.T. 0.023 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

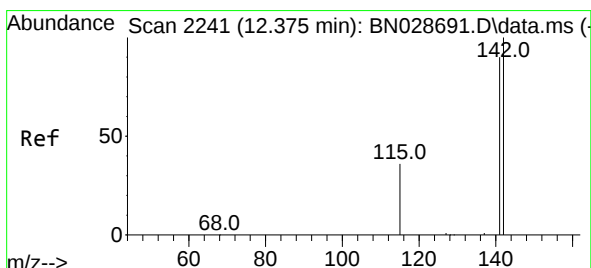
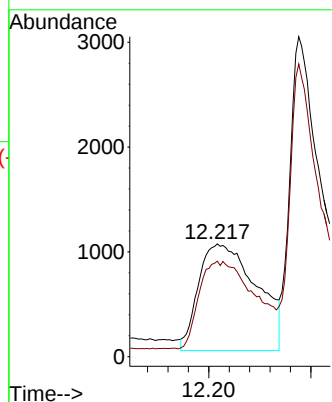
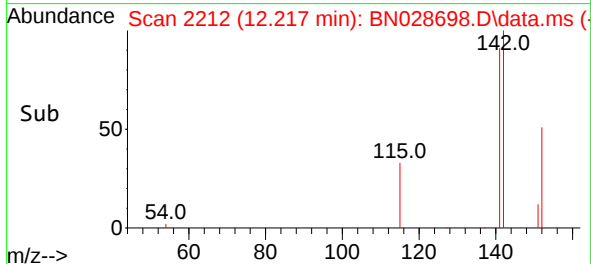
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ClientSampleId :
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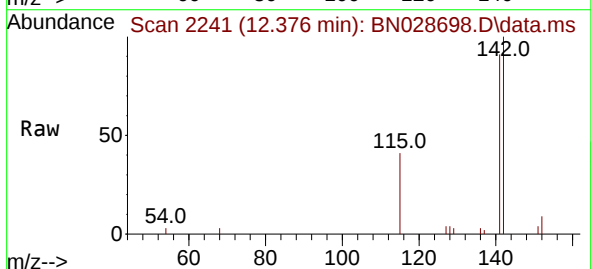
Tgt Ion:142 Resp: 803
Ion Ratio Lower Upper
142 100
141 66.1 70.8 106.2

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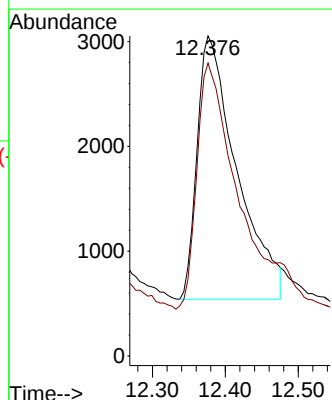
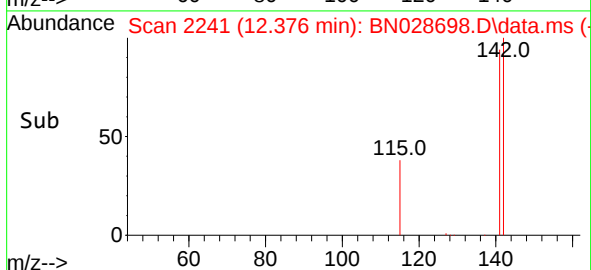
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

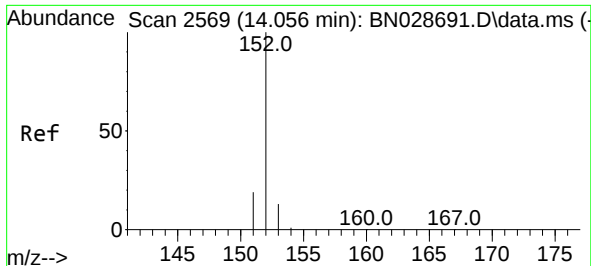


#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40



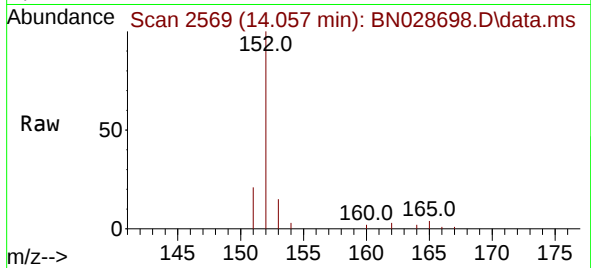
Tgt Ion:142 Resp: 9470
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1





#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.057 min Scan# 2569
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

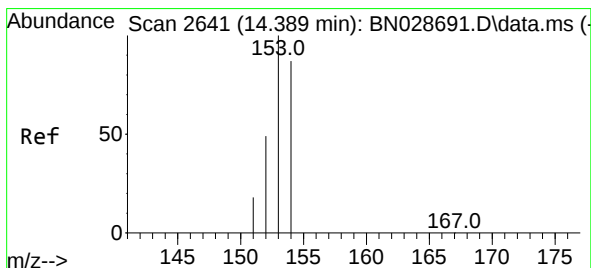
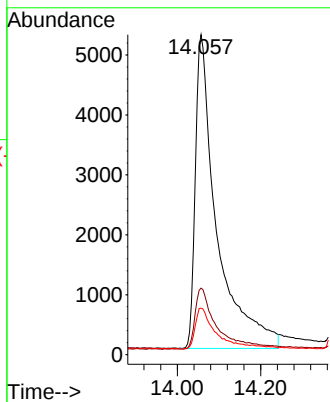
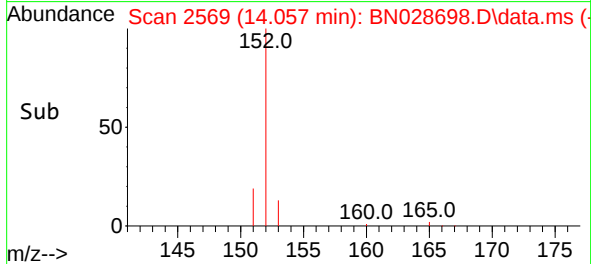
Instrument :
BNA_N
ClientSampleId :
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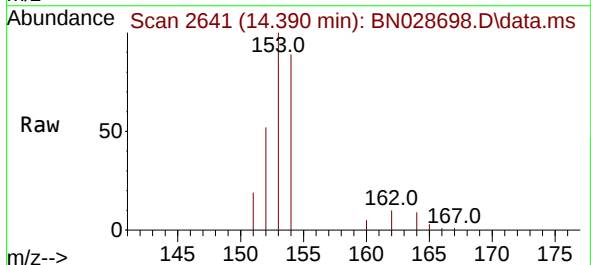
Tgt Ion:152 Resp: 18764
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 14.6 10.6 15.8

Manual Integrations
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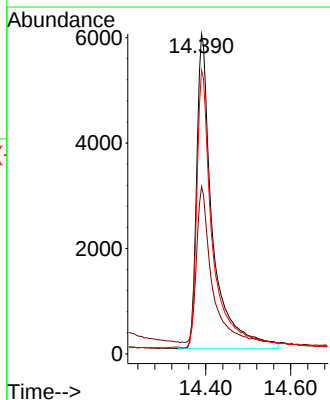
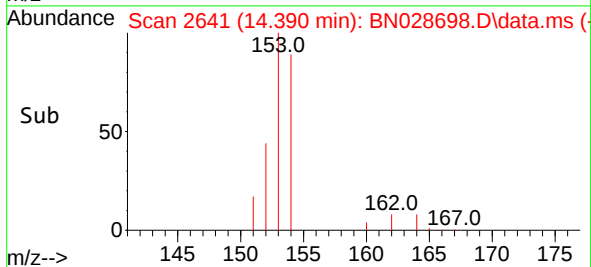
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

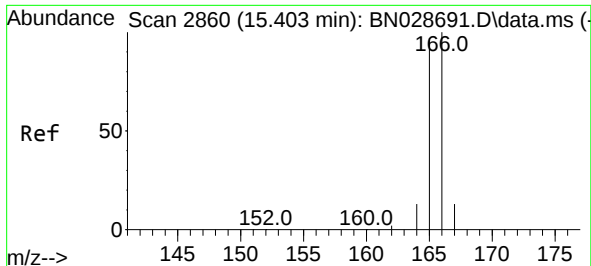


#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40



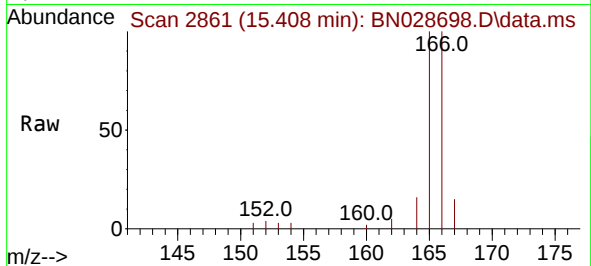
Tgt Ion:153 Resp: 15568
Ion Ratio Lower Upper
153 100
152 52.3 39.6 59.4
154 88.7 71.0 106.6





#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.408 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

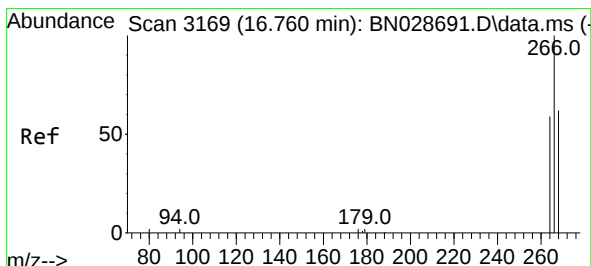
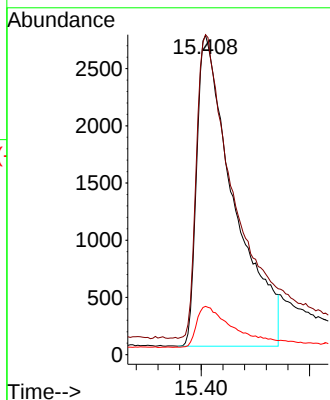
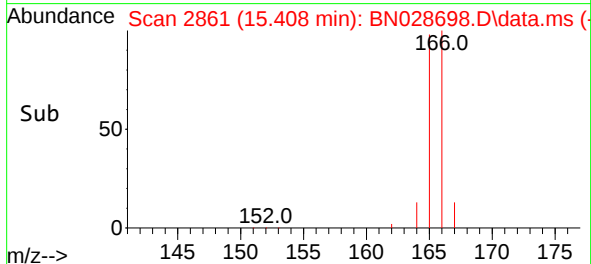
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:166 Resp: 12934
Ion Ratio Lower Upper
166 100
165 100.2 78.6 118.0
167 15.1 11.0 16.6

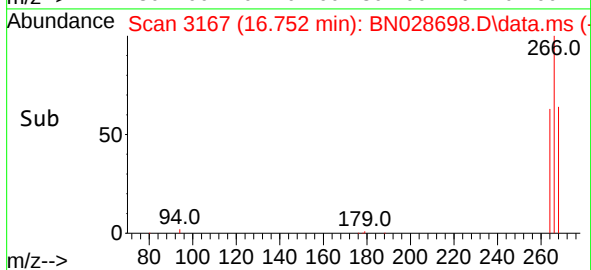
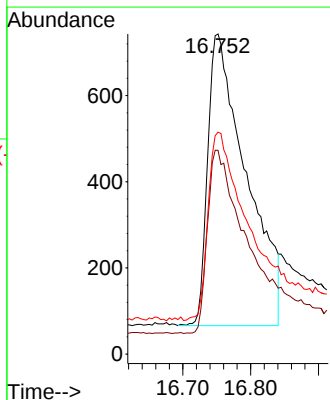
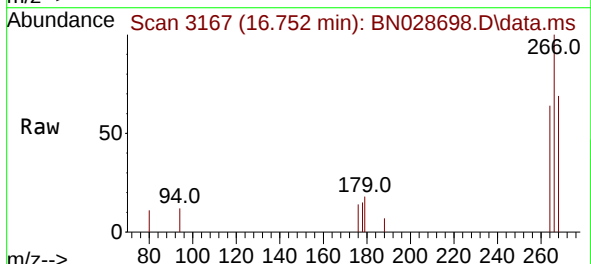
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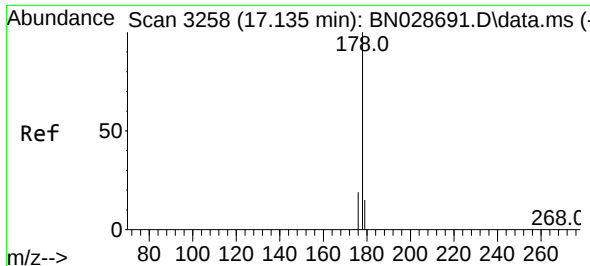
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.675 ng/ul
RT: 16.752 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

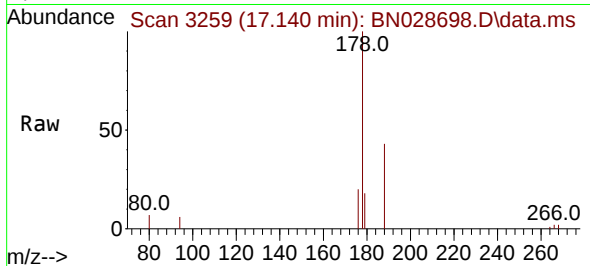
Tgt Ion:266 Resp: 2668
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 66.5 50.6 75.8





#15
Phenanthrene
Concen: 0.384 ng/u1
RT: 17.140 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

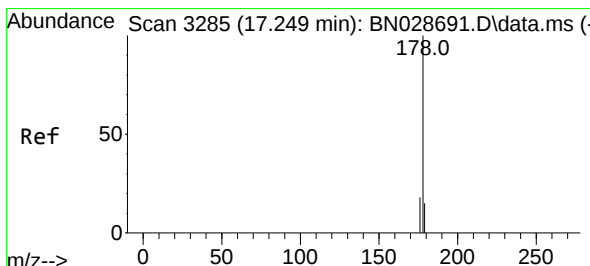
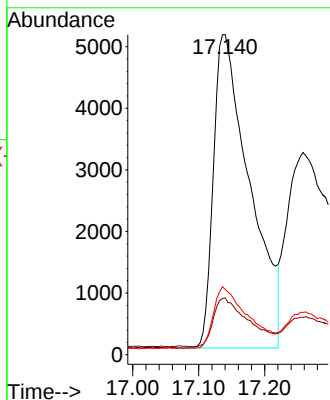
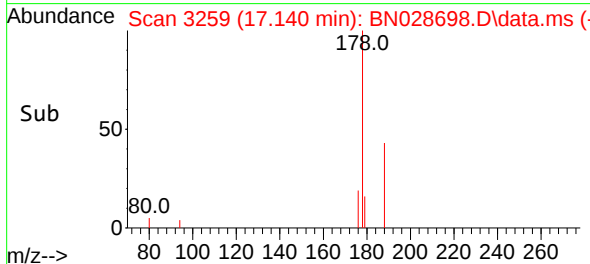
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Tgt Ion:178 Resp: 1942
Ion Ratio Lower Upper
178 100
179 17.7 12.4 18.6
176 20.4 15.4 23.2

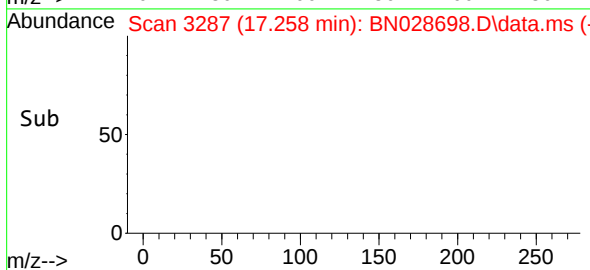
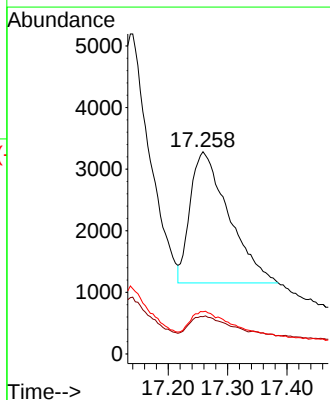
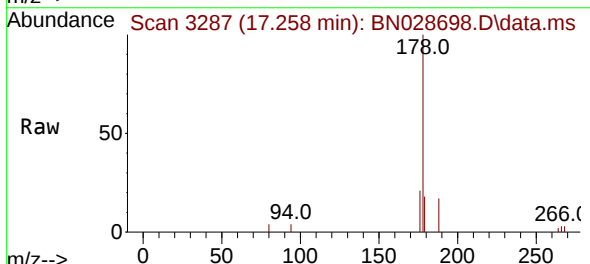
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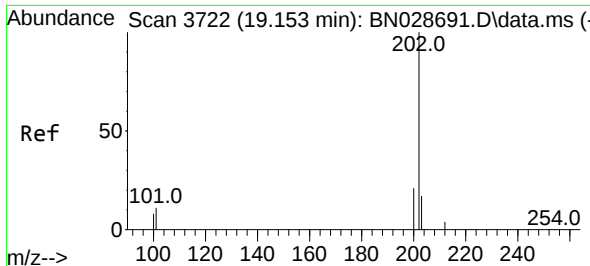
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.207 ng/u1
RT: 17.258 min Scan# 3287
Delta R.T. 0.009 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

Tgt Ion:178 Resp: 9612
Ion Ratio Lower Upper
178 100
179 18.4 12.6 18.8
176 20.9 14.9 22.3





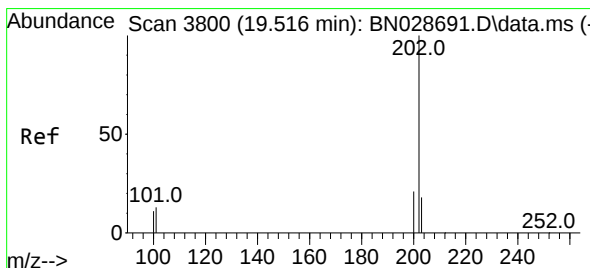
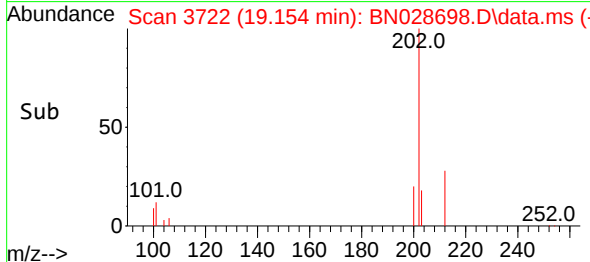
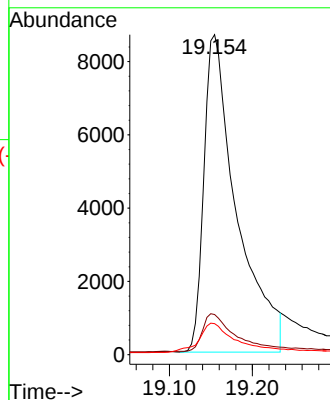
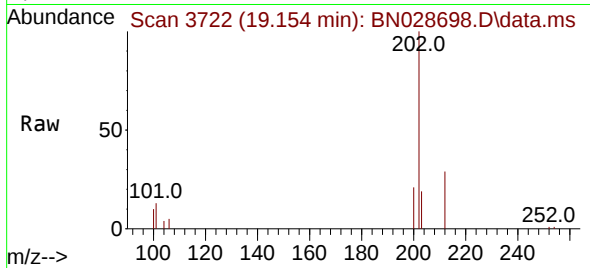
#19
Fluoranthene
Concen: 0.396 ng/u1
RT: 19.154 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

Instrument :
BNA_N
ClientSampleId :
SLCS170

Tgt Ion:202 Resp: 2379
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 9.7 7.2 10.8

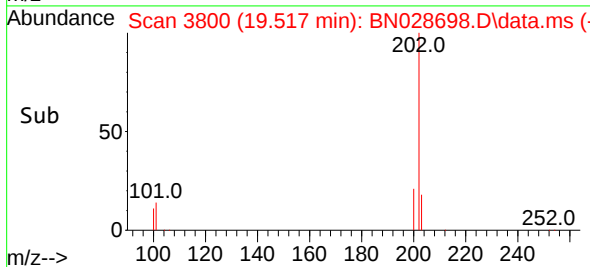
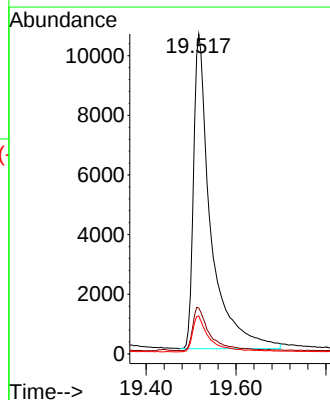
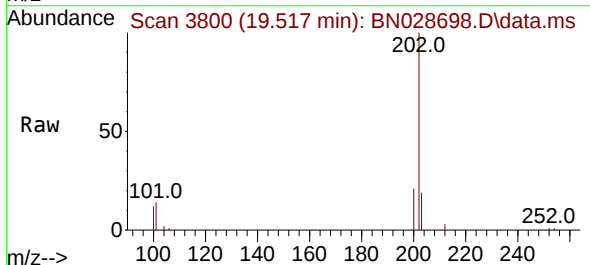
Manual Integrations
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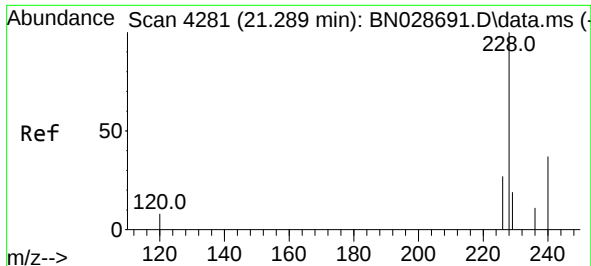
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.452 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

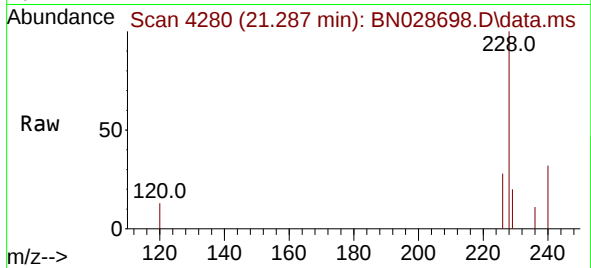
Tgt Ion:202 Resp: 28154
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.8 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.247 ng/ul
RT: 21.287 min Scan# 4281
Delta R.T. -0.002 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

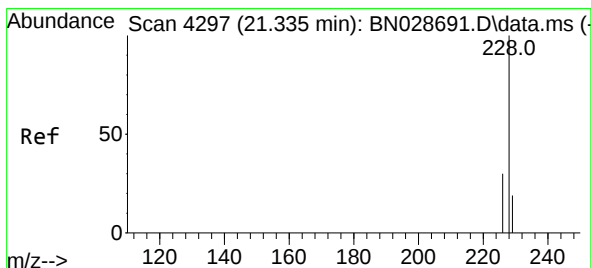
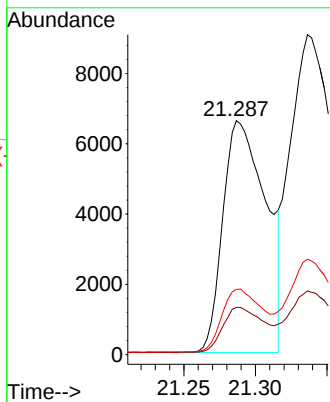
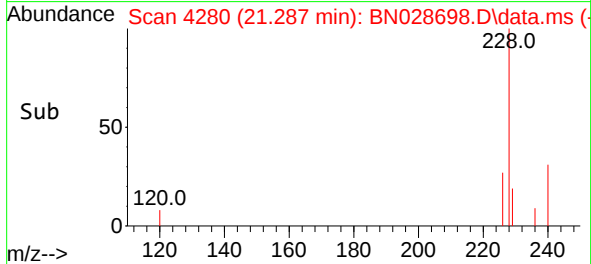
Instrument :
BNA_N
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SLCS170



Tgt Ion:228 Resp: 13789
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.9 21.4 32.0

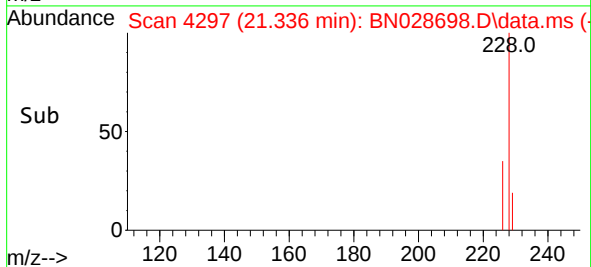
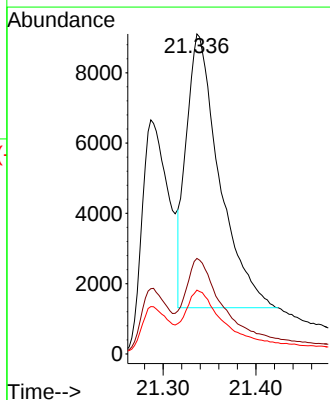
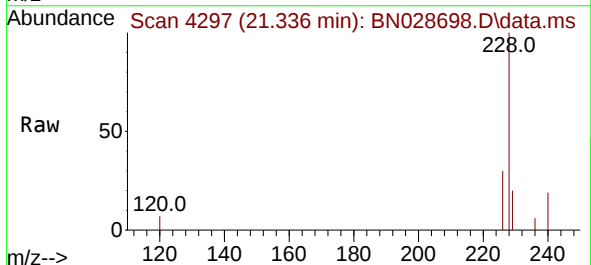
Manual Integrations
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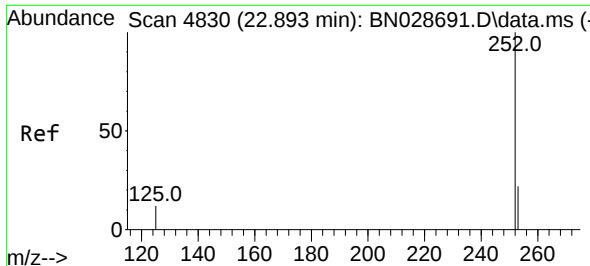
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.336 min Scan# 4297
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

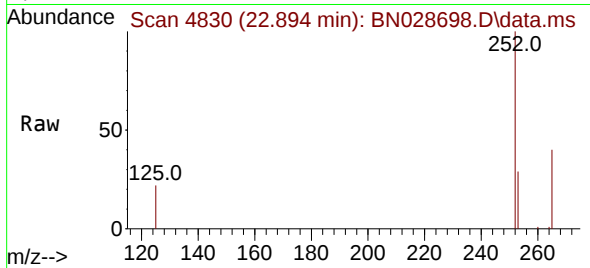
Tgt Ion:228 Resp: 19298
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 22.894 min Scan# 4830
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

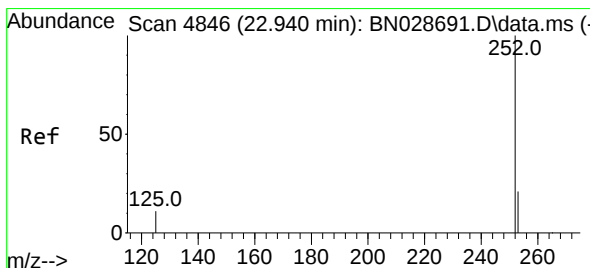
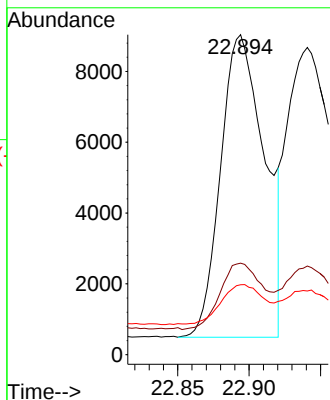
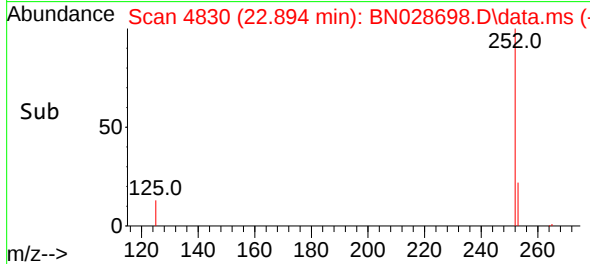
Instrument :
BNA_N
ClientSampleId :
SLCS170



Tgt Ion:252 Resp: 18260
Ion Ratio Lower Upper
252 100
253 28.6 0.0 46.6
125 21.9 0.0 27.6

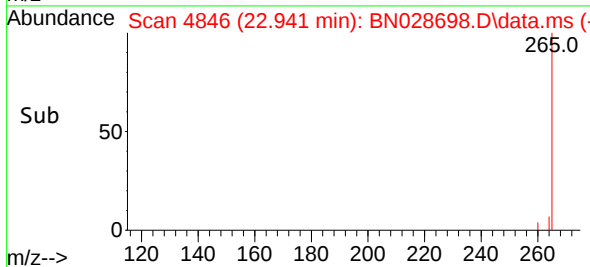
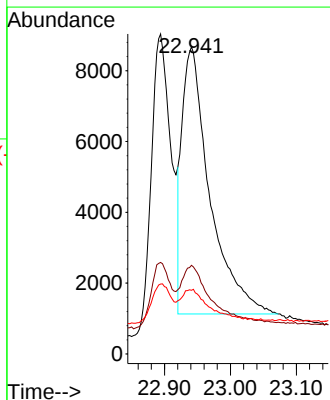
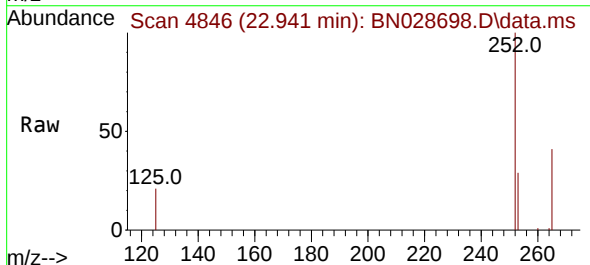
Manual Integrations
APPROVED

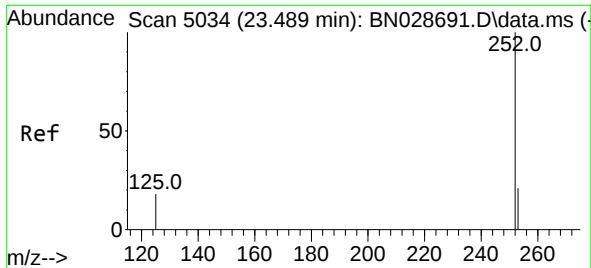
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.941 min Scan# 4846
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

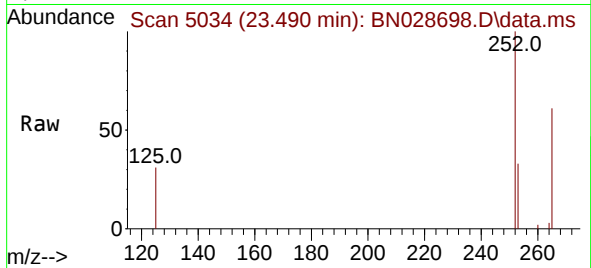
Tgt Ion:252 Resp: 22074
Ion Ratio Lower Upper
252 100
253 28.9 18.6 28.0#
125 20.7 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.490 min Scan# 5034
Delta R.T. 0.001 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40

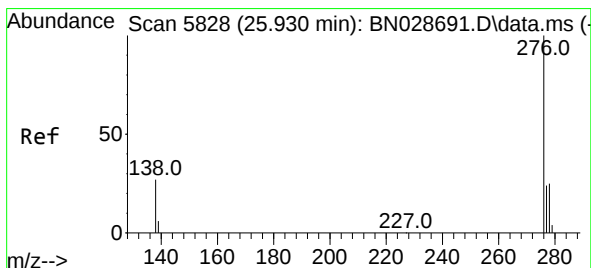
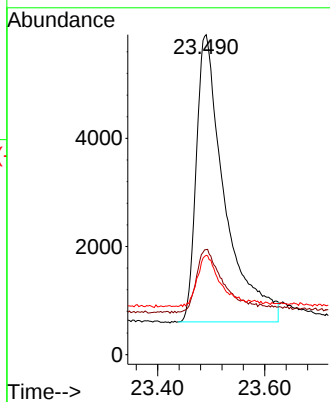
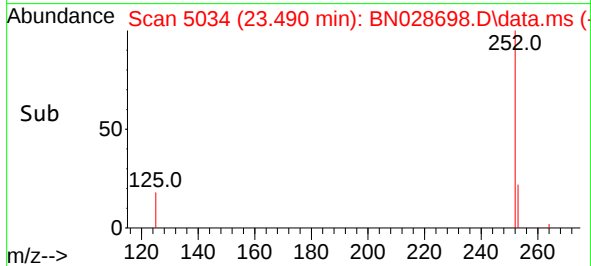
Instrument :
BNA_N
ClientSampleId :
SLCS170



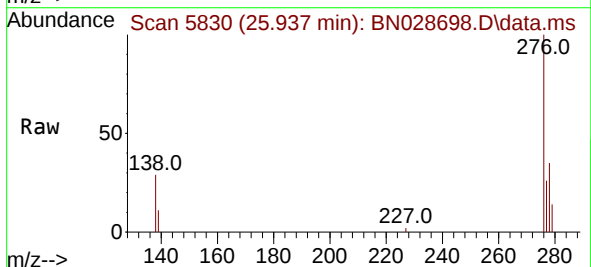
Tgt Ion:252 Resp: 19408
Ion Ratio Lower Upper
252 100
253 32.8 19.0 28.6
125 31.0 13.2 19.8

Manual Integrations
APPROVED

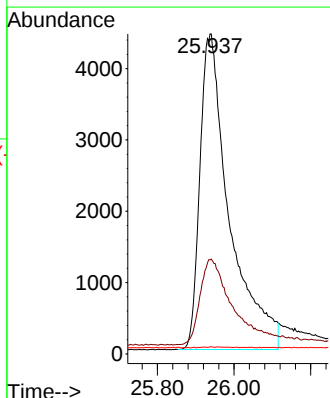
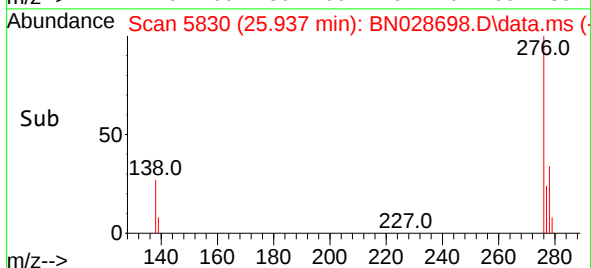
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

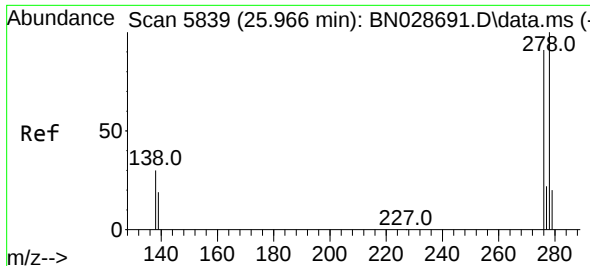


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.937 min Scan# 5830
Delta R.T. 0.008 min
Lab File: BN028698.D
Acq: 17 Nov 2023 12:40



Tgt Ion:276 Resp: 23631
Ion Ratio Lower Upper
276 100
138 30.3 23.8 35.6
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.395 ng/ul

RT: 25.964 min Scan# 5839

Delta R.T. -0.002 min

Lab File: BN028698.D

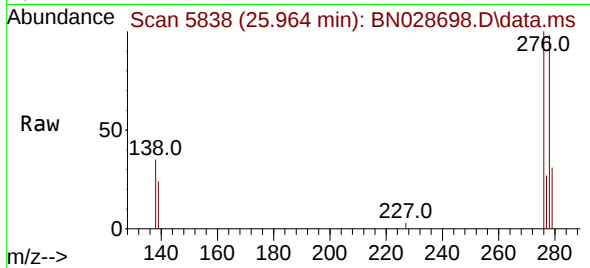
Acq: 17 Nov 2023 12:40

Instrument :

BNA_N

ClientSampleId :

SLCS170



Tgt Ion:278 Resp: 1771

Ion Ratio Lower Upper

278 100

139 24.3 18.2 27.4

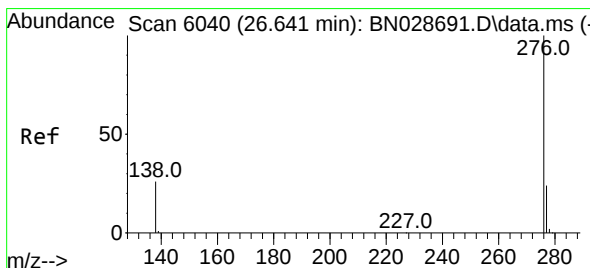
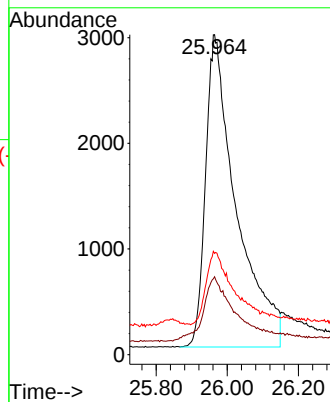
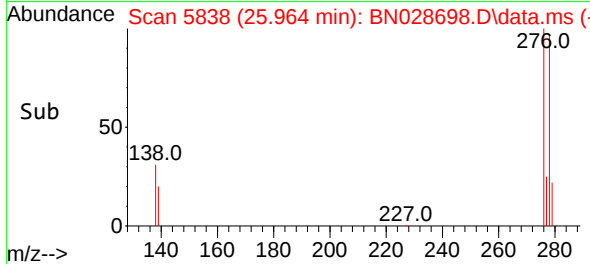
279 31.7 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023



#29

Benzo(g,h,i)perylene

Concen: 0.474 ng/ul

RT: 26.638 min Scan# 6039

Delta R.T. -0.002 min

Lab File: BN028698.D

Acq: 17 Nov 2023 12:40

Tgt Ion:276 Resp: 21796

Ion Ratio Lower Upper

276 100

138 28.4 20.5 30.7

277 25.1 19.4 29.0

