

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028673.D
 Acq On : 16 Nov 2023 20:35
 Operator : MA/JU
 Sample : PB157094BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS094

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 22:41:10 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 : Thu Nov 16 22:38:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6148m	0.400	ng/ul	0.12
4) Naphthalene-d8	10.512	136	18130m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.330	164	13249	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	18863	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	18778	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	17478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.121	96	5583m	0.822	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	7739m	0.284	ng/ul	0.03
18) Fluoranthene-d10	19.122	212	22623	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	16476m	2.194	ng/ul	
5) Naphthalene	10.561	128	12904	0.254	ng/ul#	94
7) 2-Methylnaphthalene	12.206	142	3832	0.114	ng/ul	92
8) 1-Methylnaphthalene	12.376	142	8992	0.265	ng/ul	99
10) Acenaphthylene	14.057	152	19652	0.297	ng/ul	98
11) Acenaphthene	14.390	153	16701	0.343	ng/ul	99
12) Fluorene	15.403	166	13396	0.237	ng/ul	97
14) Pentachlorophenol	16.756	266	2529	0.559	ng/ul	100
15) Phenanthrene	17.136	178	21719	0.375	ng/ul	97
16) Anthracene	17.267	178	9312	0.175	ng/ul	95
19) Fluoranthene	19.155	202	28580	0.358	ng/ul	99
20) Pyrene	19.517	202	34192	0.413	ng/ul	97
21) Benzo(a)anthracene	21.287	228	16138	0.217	ng/ul	98
22) Chrysene	21.336	228	23607	0.325	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	20906	0.319	ng/ul	88
25) Benzo(k)fluoranthene	22.938	252	25997	0.378	ng/ul#	90
26) Benzo(a)pyrene	23.490	252	21673	0.350	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.931	276	24333	0.354	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.971	278	17745	0.323	ng/ul#	91
29) Benzo(g,h,i)perylene	26.638	276	22654	0.402	ng/ul	96

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

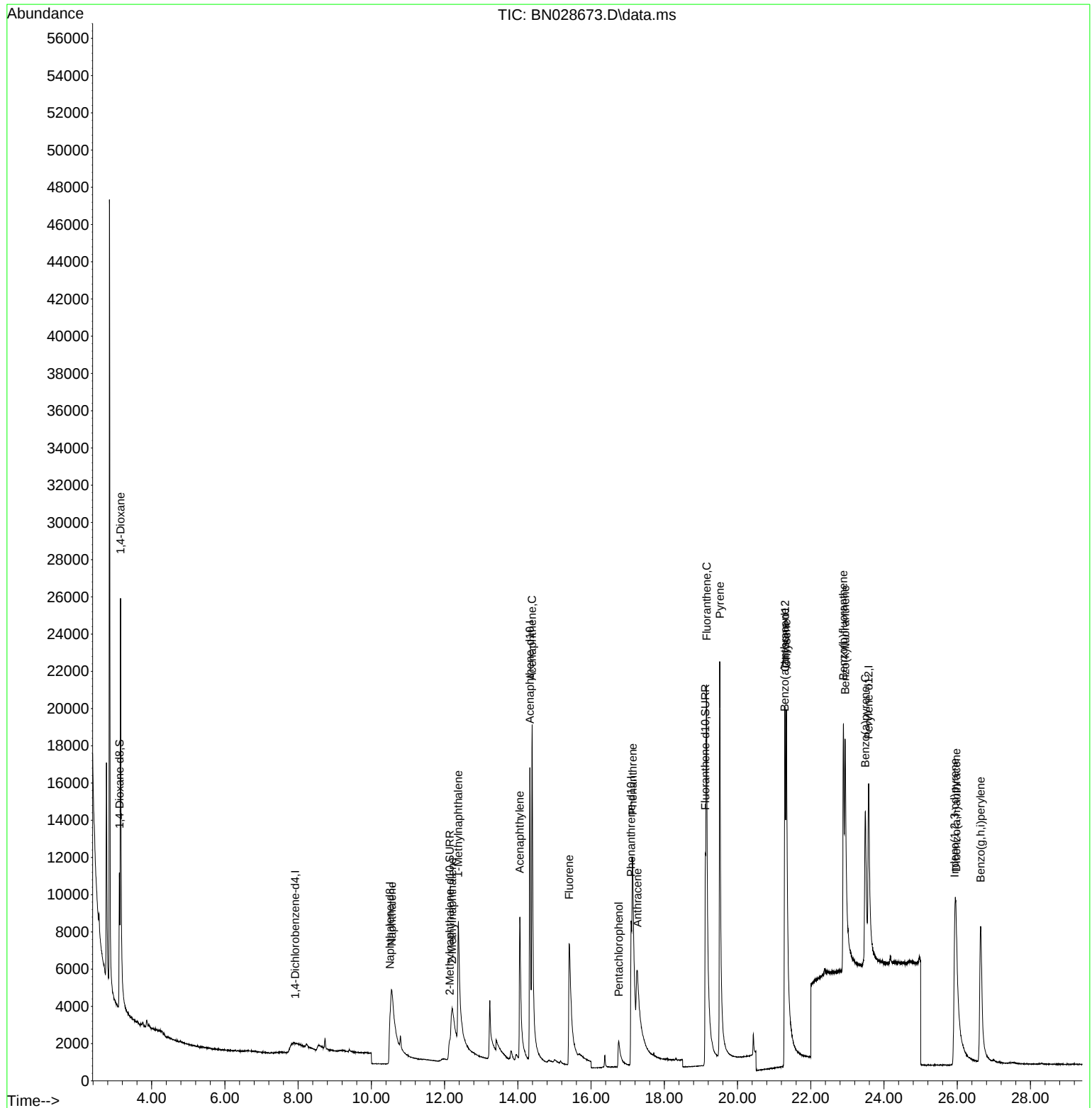
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
Acq On : 16 Nov 2023 20:35
Operator : MA/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

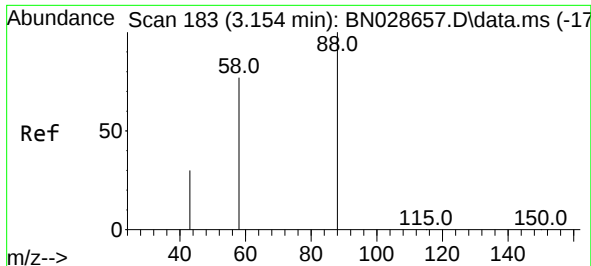
Instrument :
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Supervised By :mohammad ahmed 11/20/2023

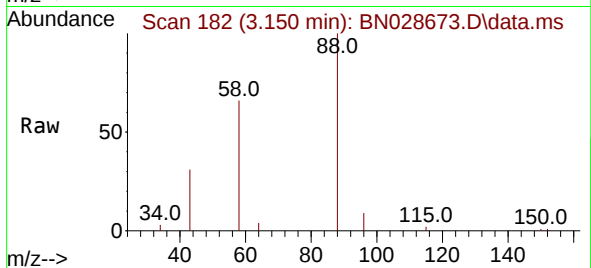
Quant Time: Nov 16 22:41:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.194 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

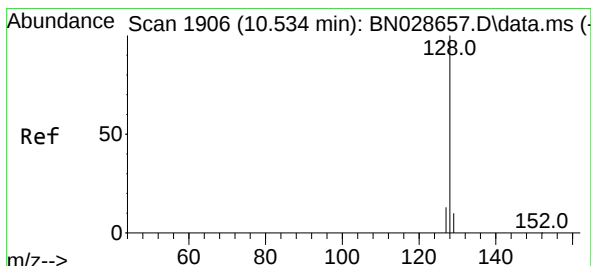
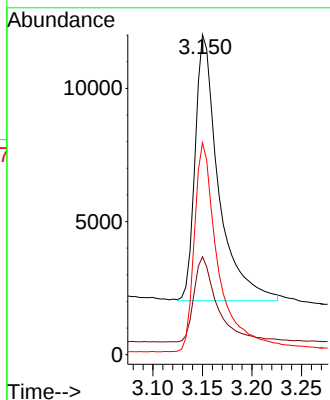
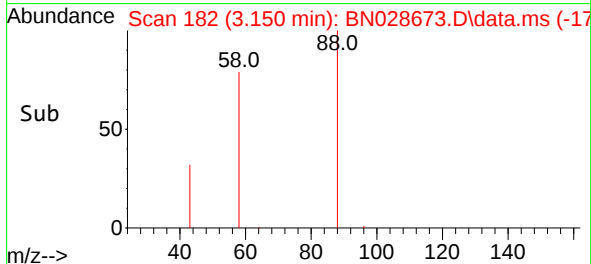
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 16470
Ion Ratio Lower Upper
88 100
43 30.6 32.9 49.3
58 66.3 41.8 62.8

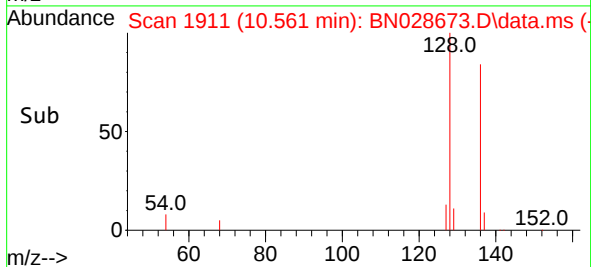
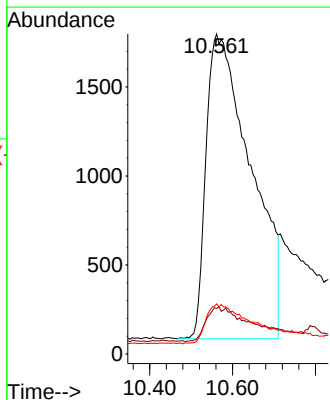
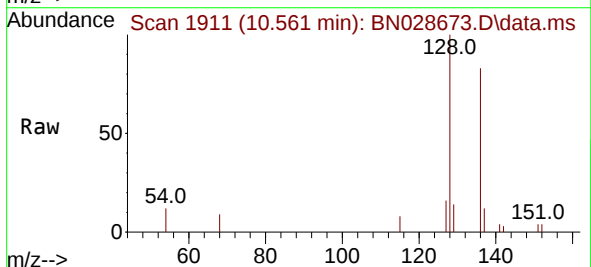
Manual Integrations
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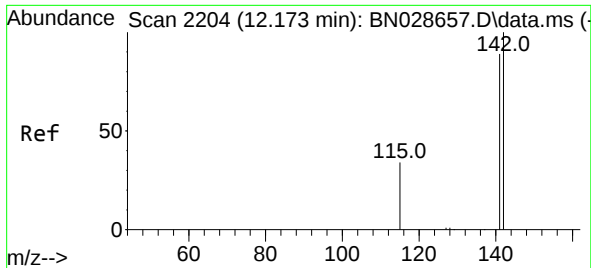
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.254 ng/ul
RT: 10.561 min Scan# 1911
Delta R.T. 0.028 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

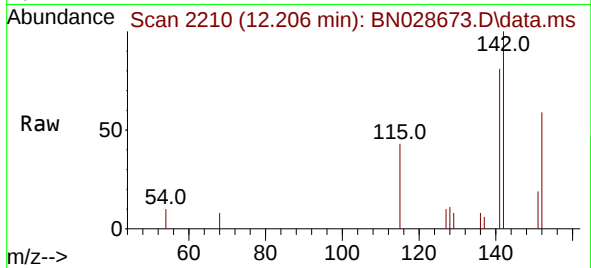
Tgt Ion:128 Resp: 12904
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8
127 15.6 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.206 min Scan# 2110
Delta R.T. 0.033 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

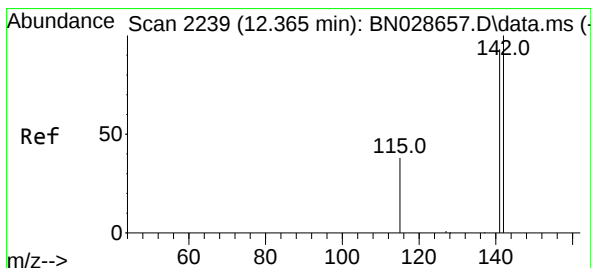
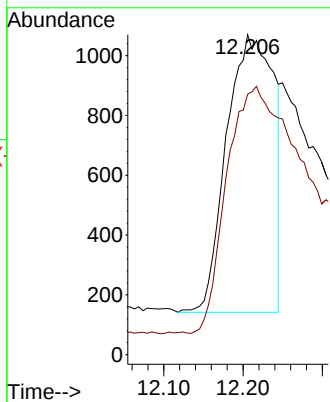
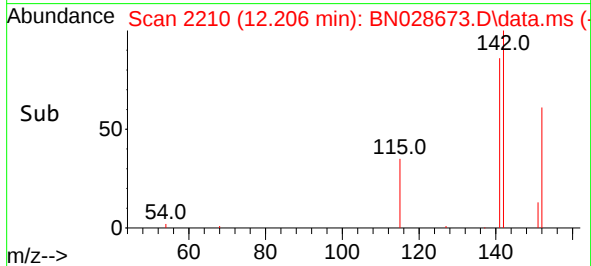
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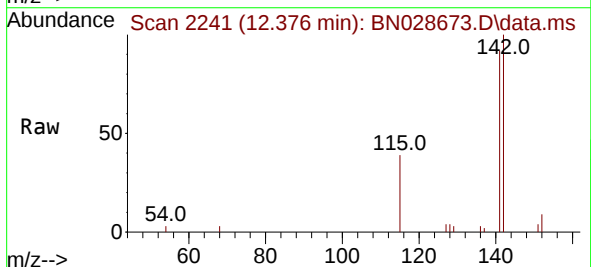
Tgt Ion:142 Resp: 3832
Ion Ratio Lower Upper
142 100
141 96.4 70.8 106.2

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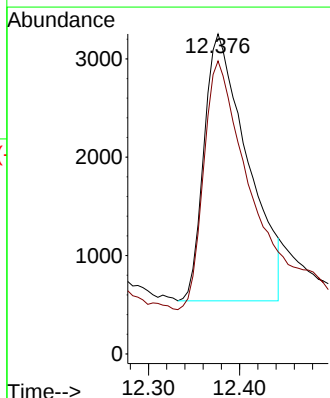
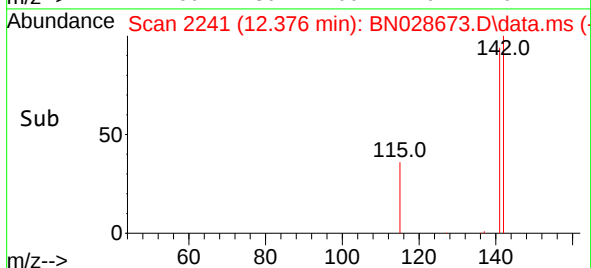
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

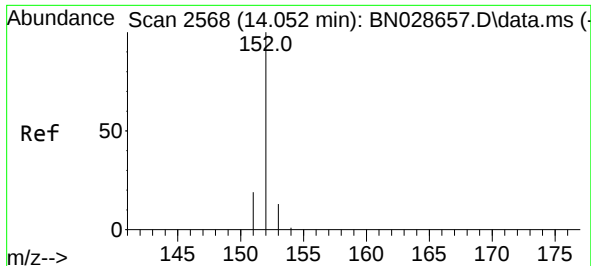


#8
1-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.011 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35



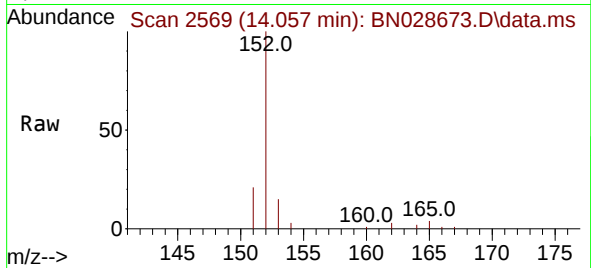
Tgt Ion:142 Resp: 8992
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1





#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 14.057 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

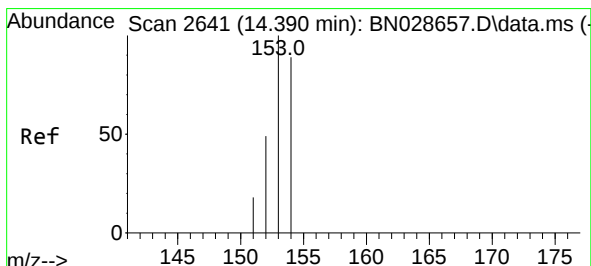
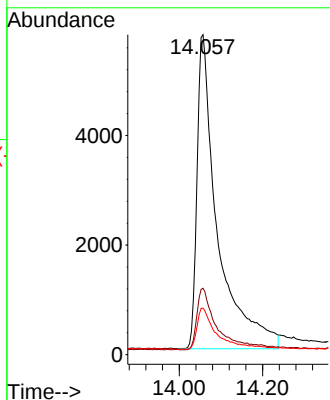
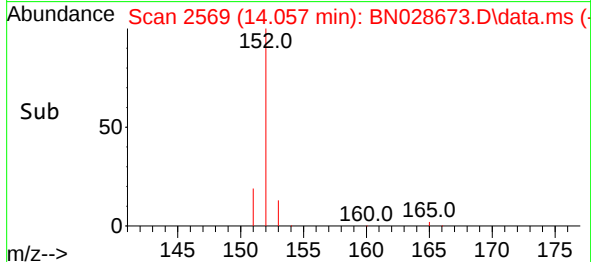
Instrument :
BNA_N
ClientSampleId :
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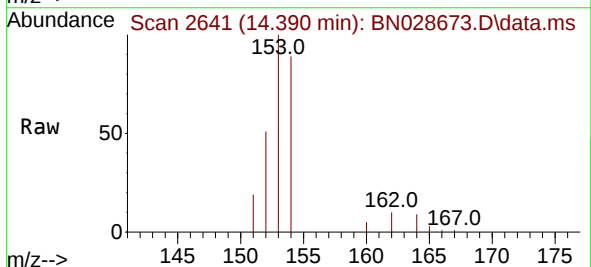
Tgt Ion:152 Resp: 19652
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 14.6 10.6 15.8

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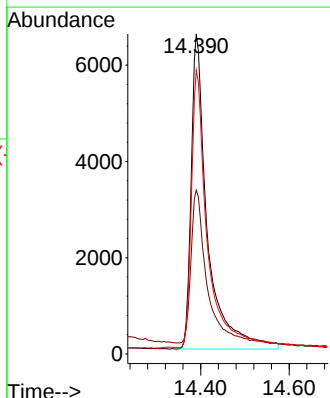
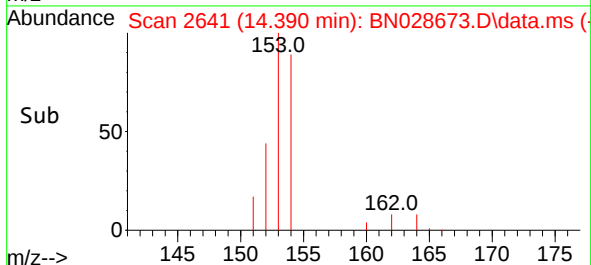
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

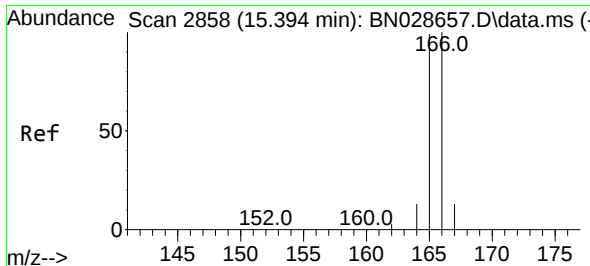


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. 0.000 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35



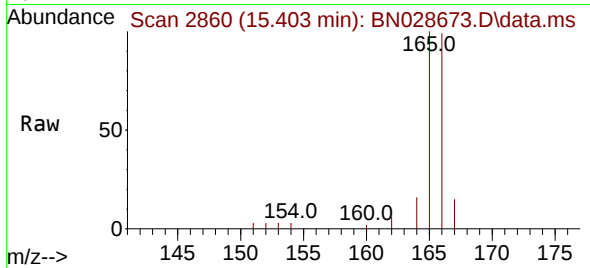
Tgt Ion:153 Resp: 16701
Ion Ratio Lower Upper
153 100
152 51.2 39.6 59.4
154 88.7 71.0 106.6





#12
Fluorene
Concen: 0.237 ng/ul
RT: 15.403 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

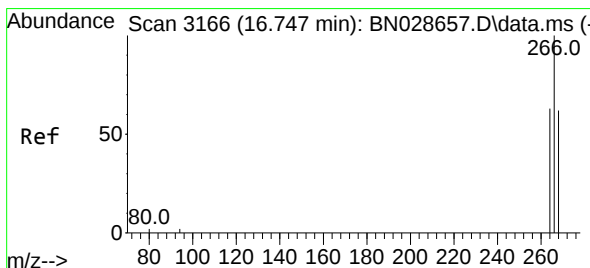
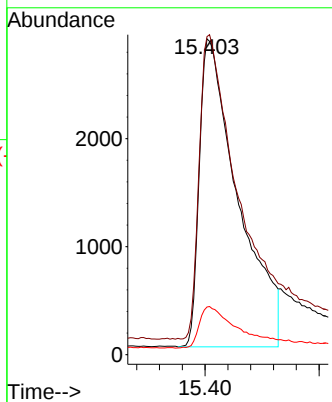
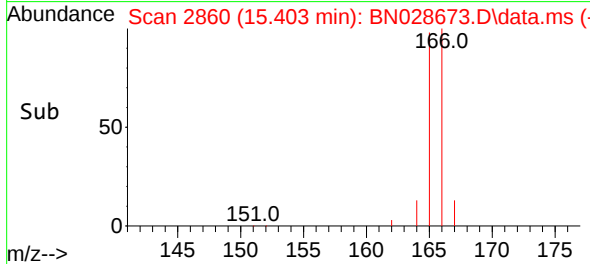
Instrument :
BNA_N
ClientSampleId :
SLCS094



Tgt Ion:166 Resp: 13390
Ion Ratio Lower Upper
166 100
165 100.7 78.6 118.0
167 15.1 11.0 16.6

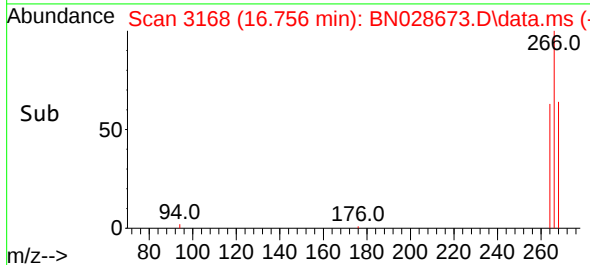
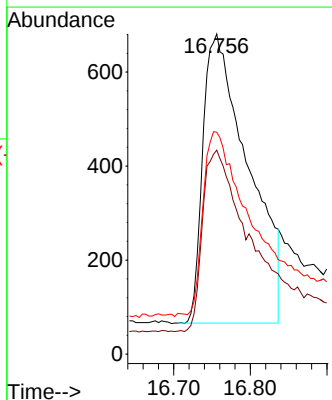
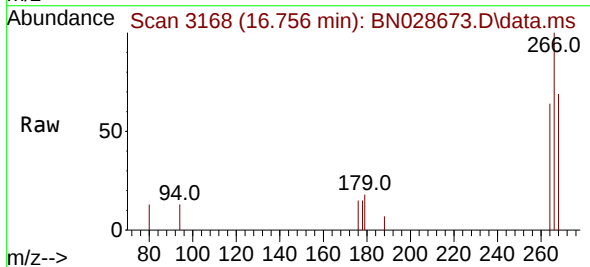
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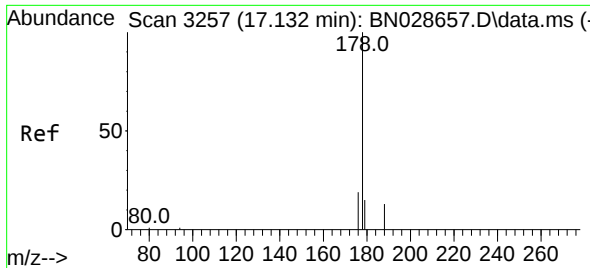
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.559 ng/ul
RT: 16.756 min Scan# 3168
Delta R.T. 0.009 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

Tgt Ion:266 Resp: 2529
Ion Ratio Lower Upper
266 100
264 62.4 50.1 75.1
268 62.7 50.6 75.8





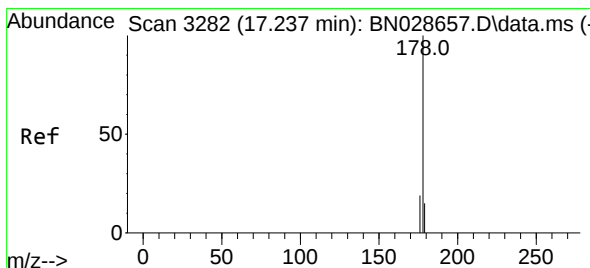
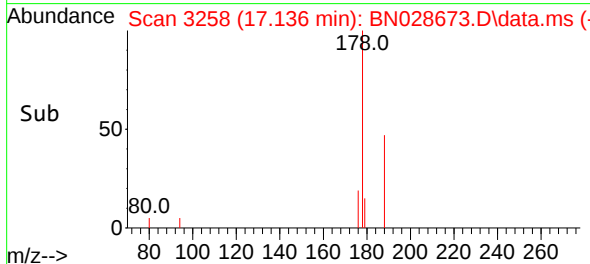
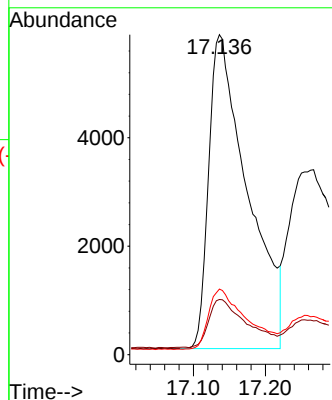
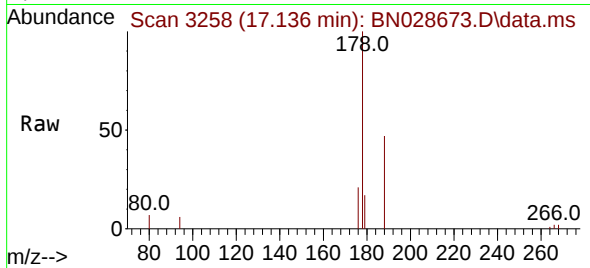
#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.136 min Scan# 3257
Delta R.T. 0.004 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

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Tgt Ion:	178	Resp:	21719
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.4	18.6
176	20.5	15.4	23.2

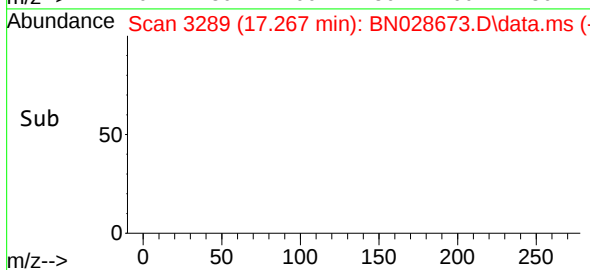
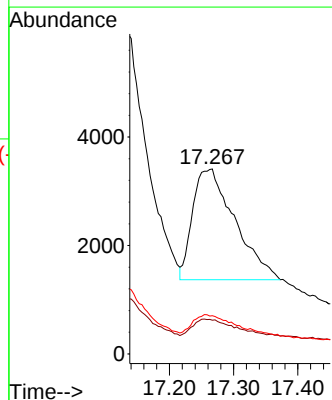
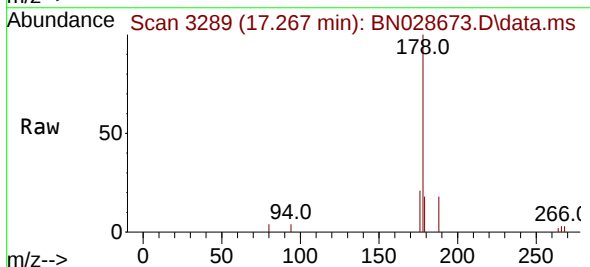
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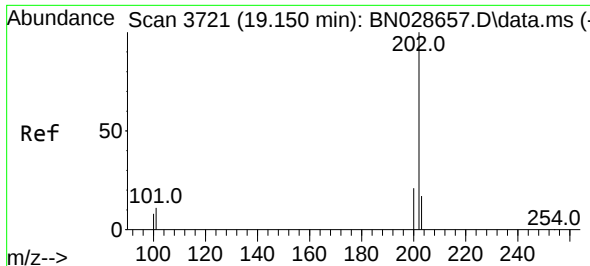
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.175 ng/ul
RT: 17.267 min Scan# 3289
Delta R.T. 0.030 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

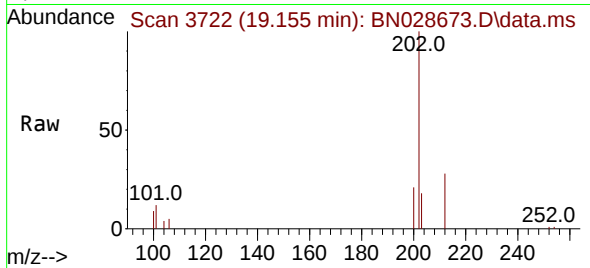
Tgt Ion:	178	Resp:	9312
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.6	18.8
176	20.7	14.9	22.3





#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.155 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

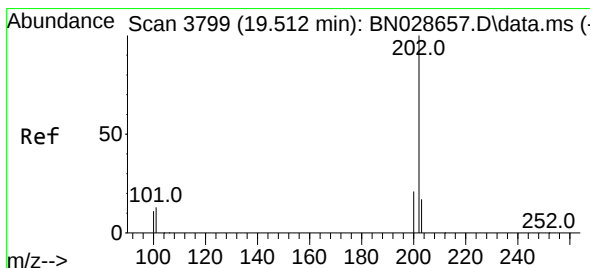
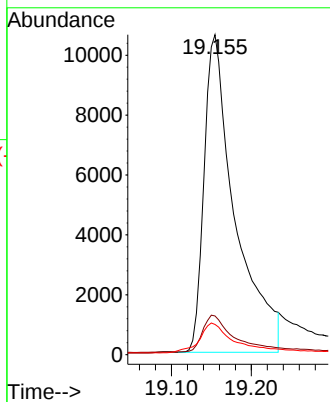
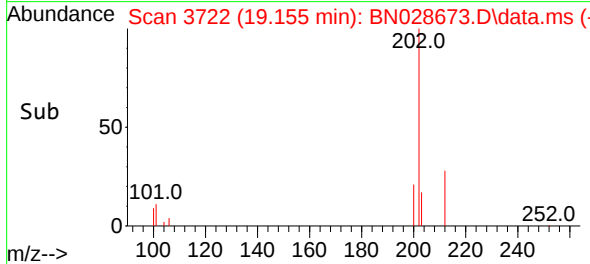
Instrument :
BNA_N
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SLCS094



Tgt Ion:202 Resp: 28580
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.5 7.2 10.8

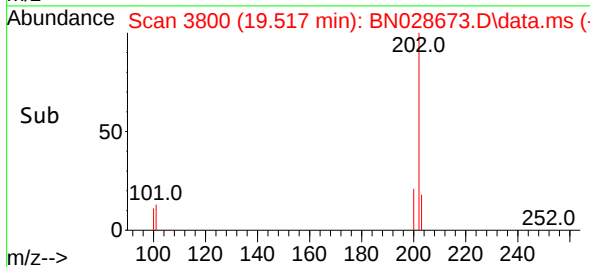
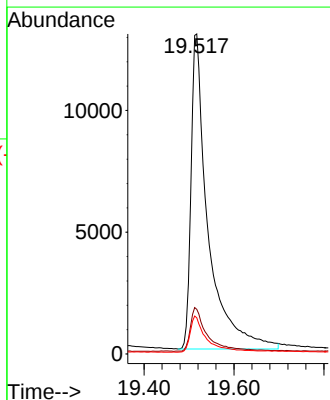
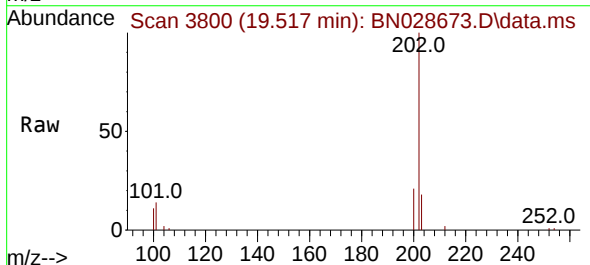
Manual Integrations
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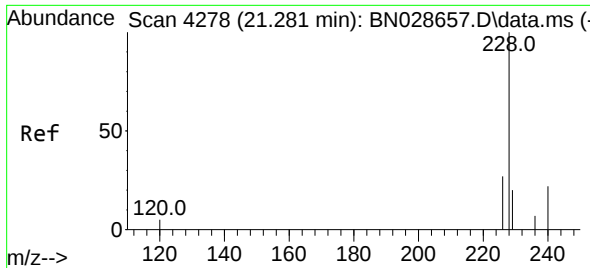
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.413 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.005 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

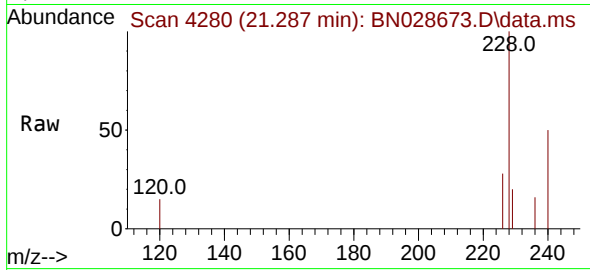
Tgt Ion:202 Resp: 34192
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.3 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.217 ng/ul
RT: 21.287 min Scan# 4278
Delta R.T. 0.006 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

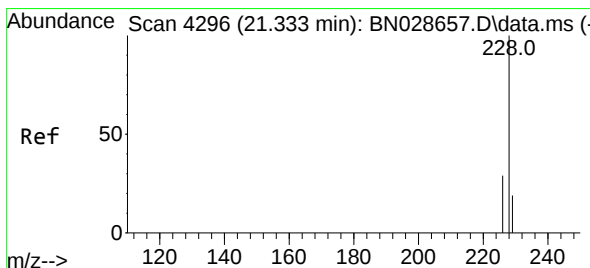
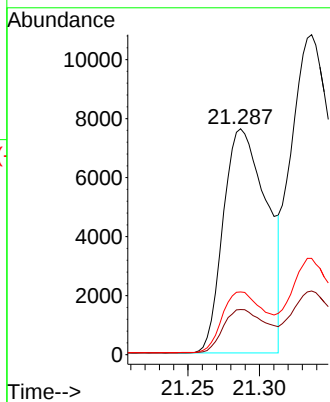
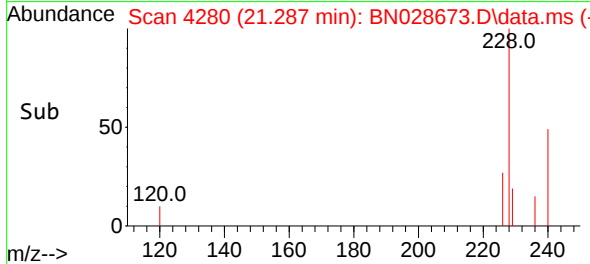
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 16138
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.8 21.4 32.0

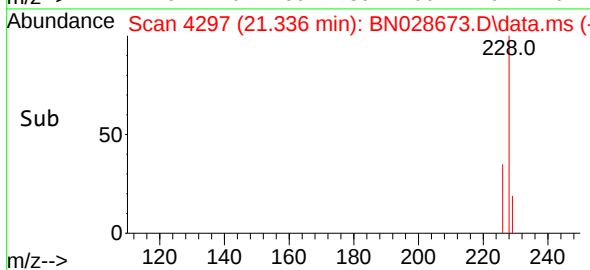
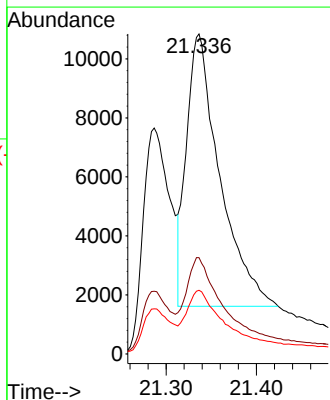
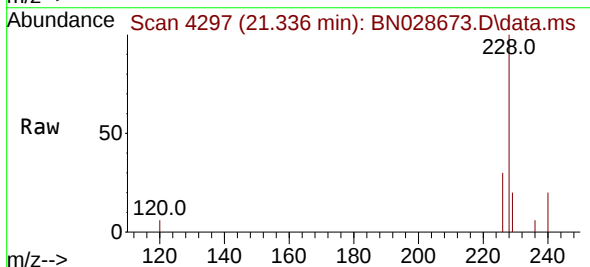
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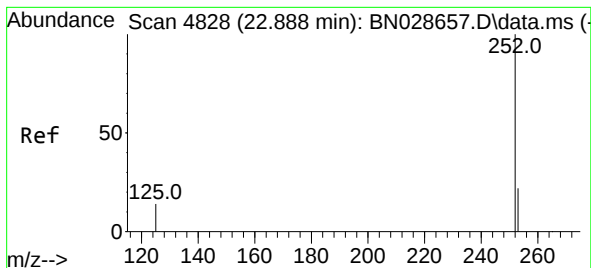
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.336 min Scan# 4297
Delta R.T. 0.003 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

Tgt Ion:228 Resp: 23607
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.9 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.319 ng/ul

RT: 22.891 min Scan# 4829

Delta R.T. 0.003 min

Lab File: BN028673.D

Acq: 16 Nov 2023 20:35

Instrument :

BNA_N

ClientSampleId :

SLCS094

Tgt Ion:252 Resp: 20900

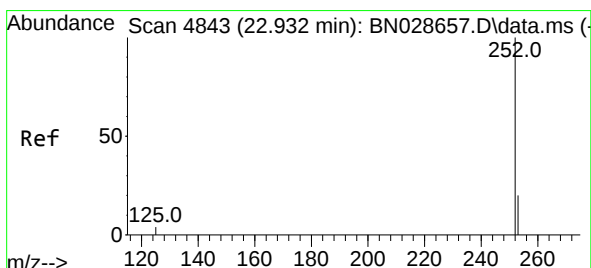
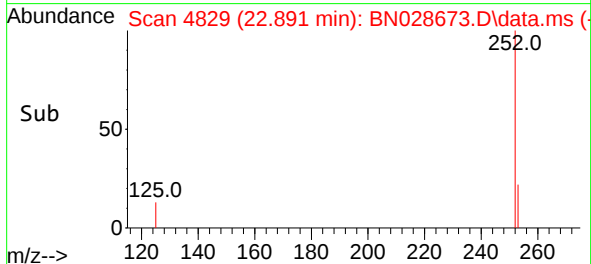
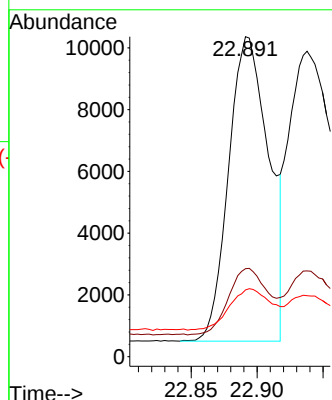
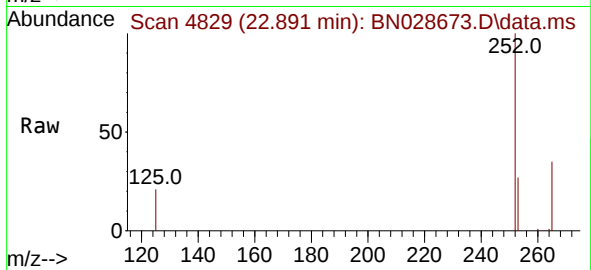
Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	46.6
125	20.9	0.0	27.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023



#25

Benzo(k)fluoranthene

Concen: 0.378 ng/ul

RT: 22.938 min Scan# 4845

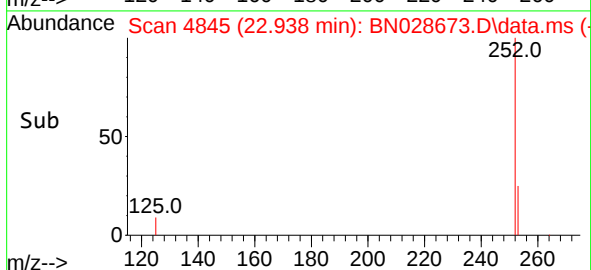
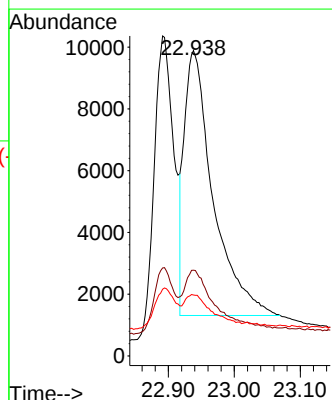
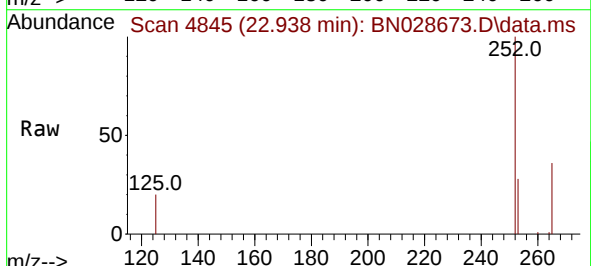
Delta R.T. 0.006 min

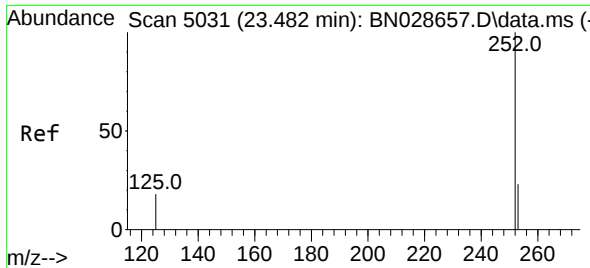
Lab File: BN028673.D

Acq: 16 Nov 2023 20:35

Tgt Ion:252 Resp: 25997

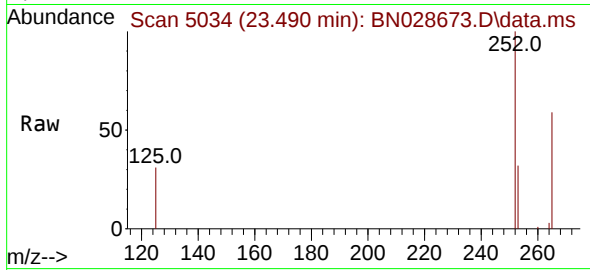
Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.6	28.0#
125	20.0	12.7	19.1#





#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.490 min Scan# 5031
Delta R.T. 0.009 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

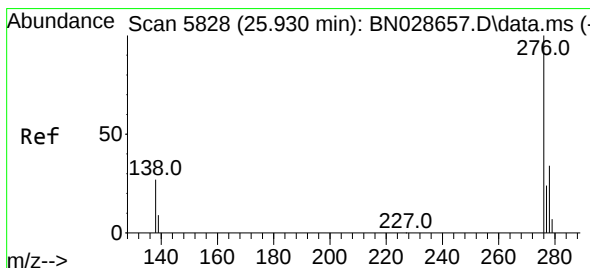
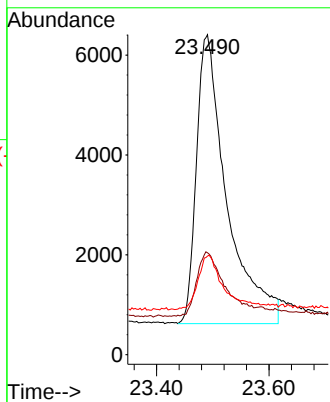
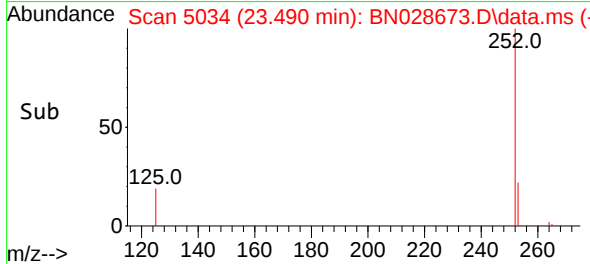
Instrument :
BNA_N
ClientSampleId :
SLCS094



Tgt Ion:252 Resp: 21673
Ion Ratio Lower Upper
252 100
253 31.9 19.0 28.6
125 30.8 13.2 19.8

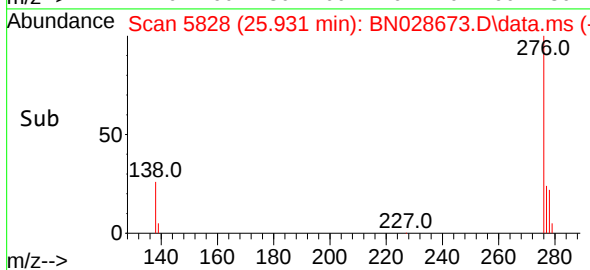
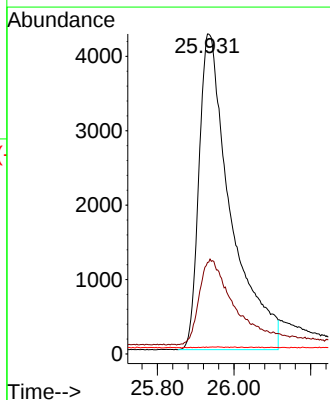
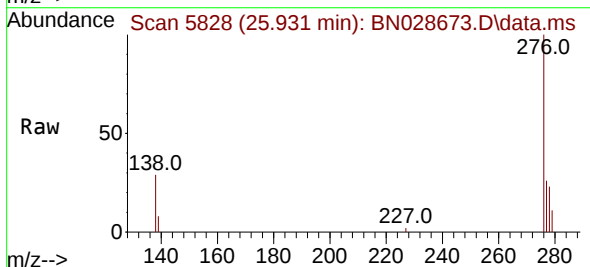
Manual Integrations
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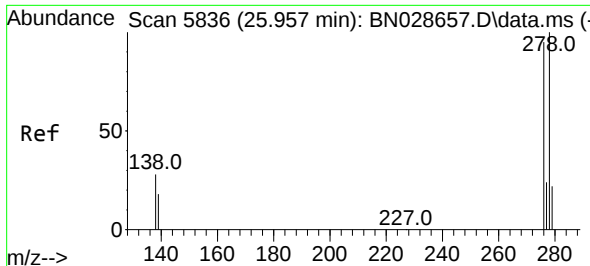
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 25.931 min Scan# 5828
Delta R.T. 0.000 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

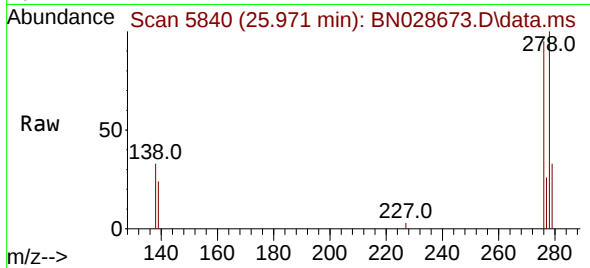
Tgt Ion:276 Resp: 24333
Ion Ratio Lower Upper
276 100
138 30.4 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 25.971 min Scan# 5840
Delta R.T. 0.014 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35

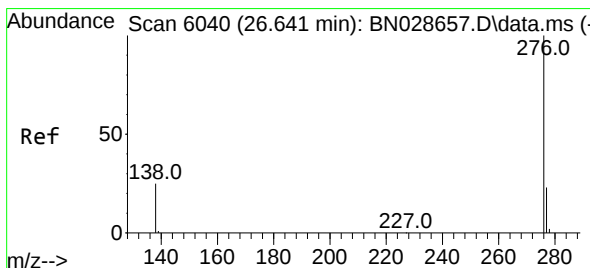
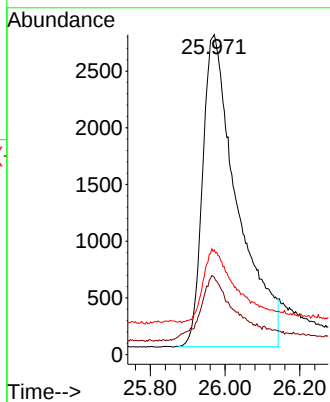
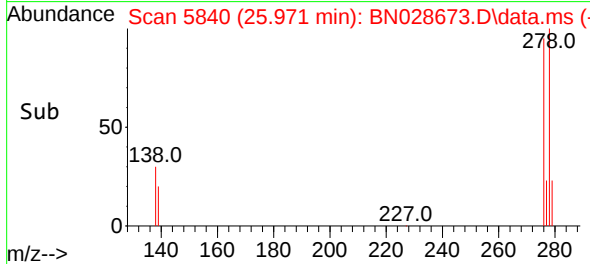
Instrument :
BNA_N
ClientSampleId :
SLCS094



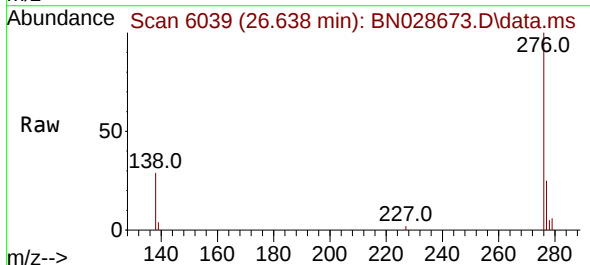
Tgt Ion:278 Resp: 1774
Ion Ratio Lower Upper
278 100
139 24.2 18.2 27.4
279 32.7 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.638 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BN028673.D
Acq: 16 Nov 2023 20:35



Tgt Ion:276 Resp: 22654
Ion Ratio Lower Upper
276 100
138 28.9 20.5 30.7
277 25.0 19.4 29.0

