

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035609.D
 Acq On : 13 Dec 2024 22:30
 Operator : RC/JU
 Sample : PB165514BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS514

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 23:28:02 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 10 16:10:57 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7427	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.953	164	4864	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.721	188	9092	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	6543	0.400	ng/ul	# 0.00
23) Perylene-d12	23.056	264	7531	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.967	96	1297	0.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	3971	0.365	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	7753	0.430	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.997	88	3494	1.451	ng/ul#	87
5) Naphthalene	10.086	128	5963	0.319	ng/ul	99
7) 2-Methylnaphthalene	11.719	142	4207	0.324	ng/ul	98
8) 1-Methylnaphthalene	11.945	142	4308	0.329	ng/ul	97
10) Acenaphthylene	13.662	152	6529	0.338	ng/ul	98
11) Acenaphthene	14.013	153	4811	0.326	ng/ul	97
12) Fluorene	15.017	166	5267	0.304	ng/ul	99
14) Pentachlorophenol	16.388	266	1449	0.684	ng/ul	99
15) Phenanthrene	16.764	178	7836	0.326	ng/ul	98
16) Anthracene	16.852	178	7520	0.337	ng/ul	98
19) Fluoranthene	18.805	202	8692	0.382	ng/ul#	95
20) Pyrene	19.172	202	9440	0.398	ng/ul#	94
21) Benzo(a)anthracene	20.950	228	7765	0.342	ng/ul#	94
22) Chrysene	21.002	228	7899m	0.346	ng/ul	
24) Benzo(b)fluoranthene	22.442	252	7979	0.321	ng/ul#	71
25) Benzo(k)fluoranthene	22.483	252	8560	0.334	ng/ul#	69
26) Benzo(a)pyrene	22.966	252	7502	0.330	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.091	276	9933	0.323	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.108	278	7743	0.321	ng/ul#	68
29) Benzo(g,h,i)perylene	25.705	276	7917	0.327	ng/ul#	74

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

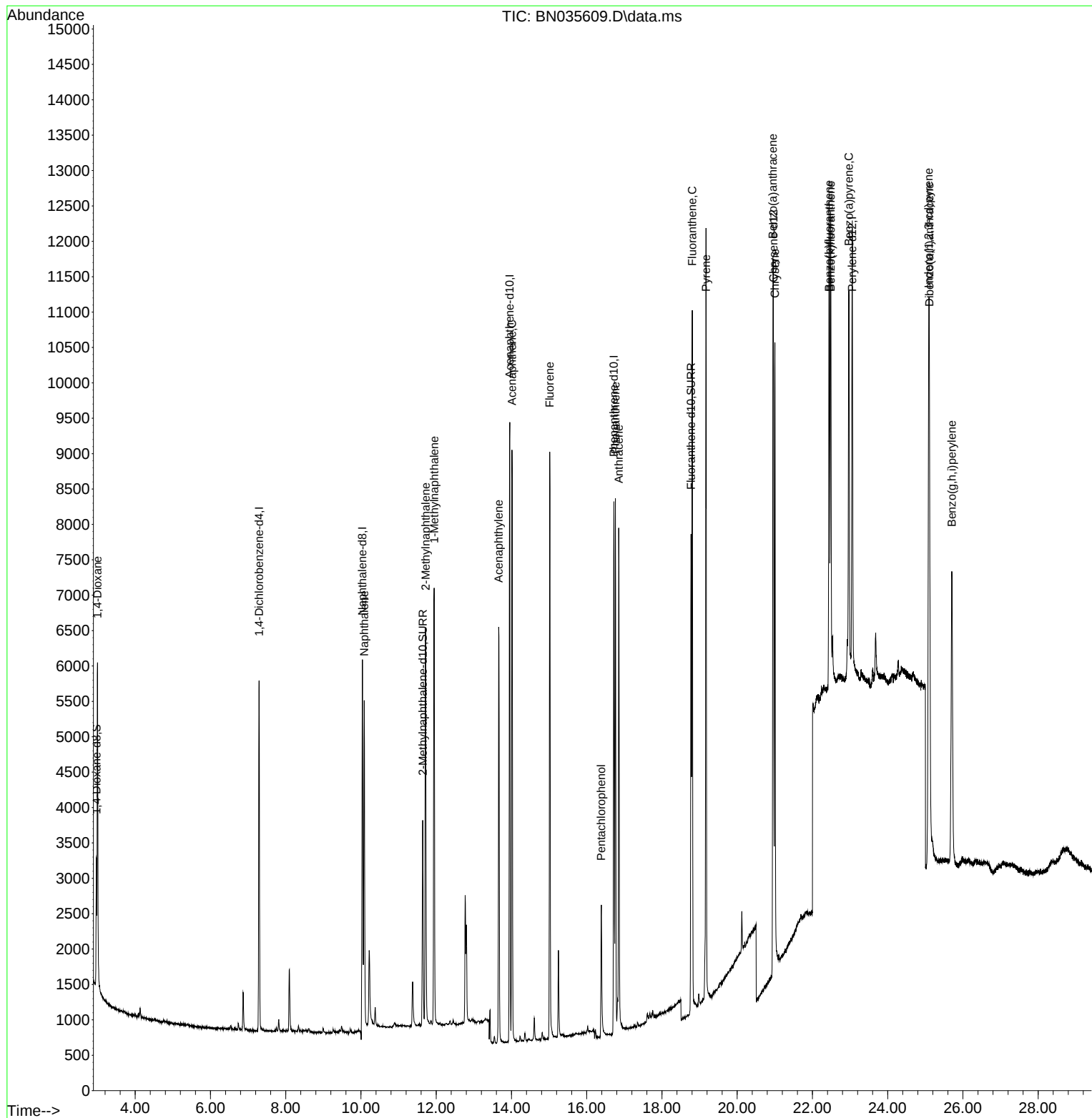
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035609.D
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ALS Vial : 21 Sample Multiplier: 1

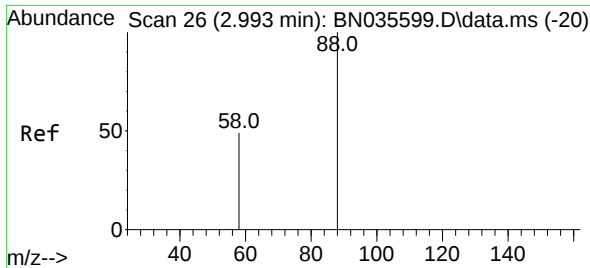
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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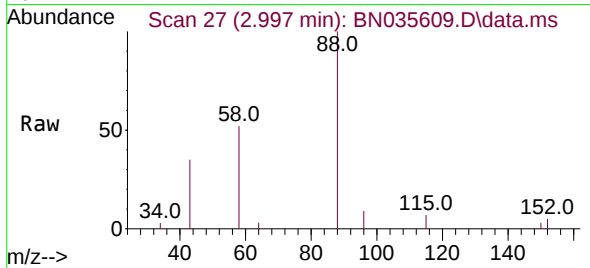
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024





#2
1,4-Dioxane
Concen: 1.451 ng/ul
RT: 2.997 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

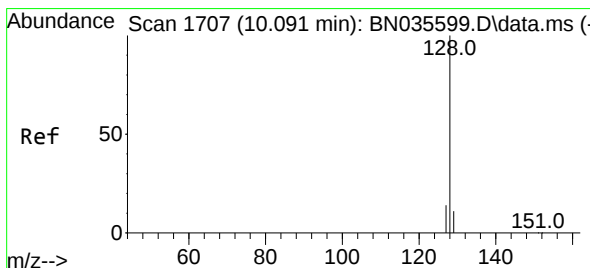
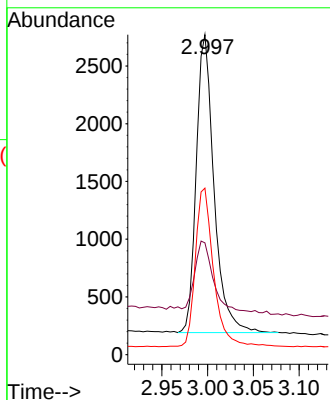
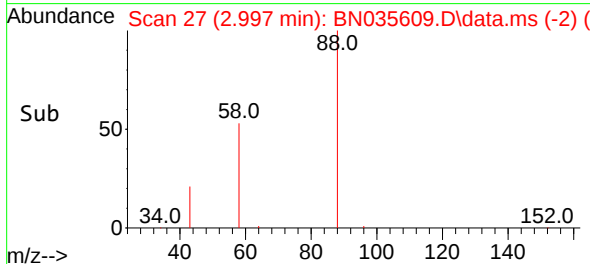
Instrument :
BNA_N
ClientSampleId :
SLCS514



Tgt Ion: 88 Resp: 3494
Ion Ratio Lower Upper
88 100
43 35.0 20.6 31.0
58 52.1 36.2 54.4

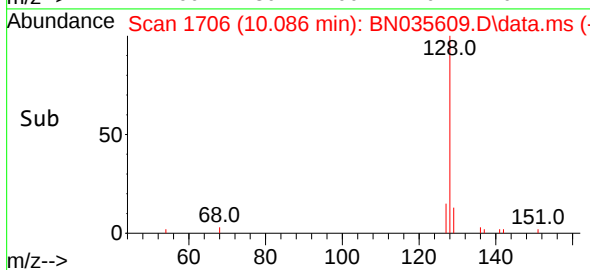
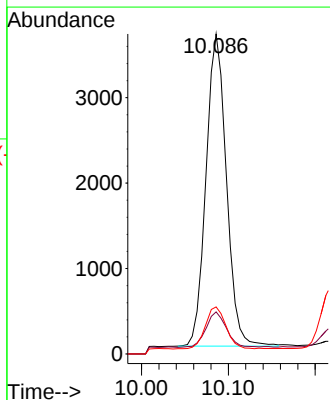
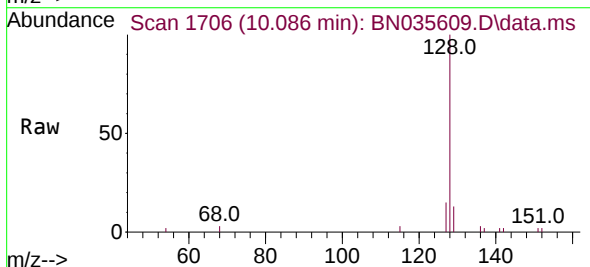
Manual Integrations
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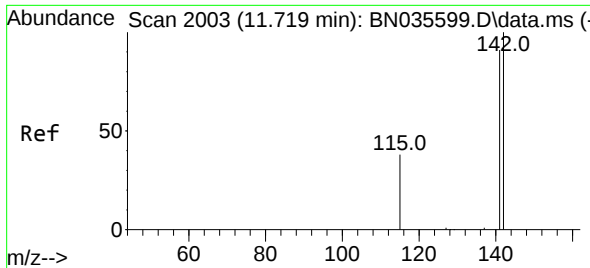
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

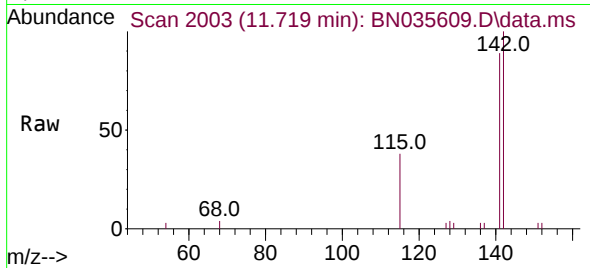
Tgt Ion:128 Resp: 5963
Ion Ratio Lower Upper
128 100
129 13.2 9.9 14.9
127 14.7 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 11.719 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

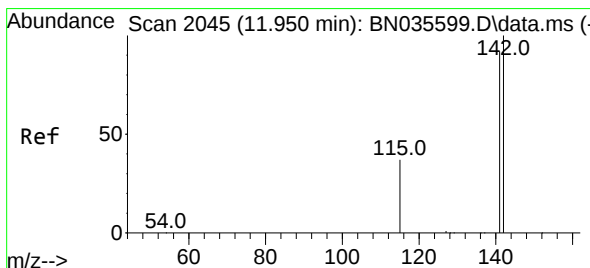
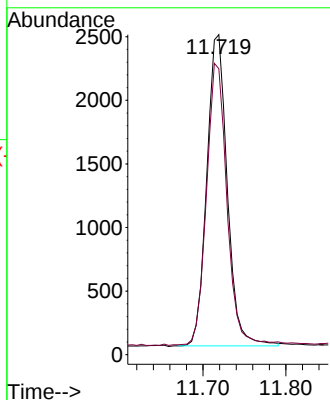
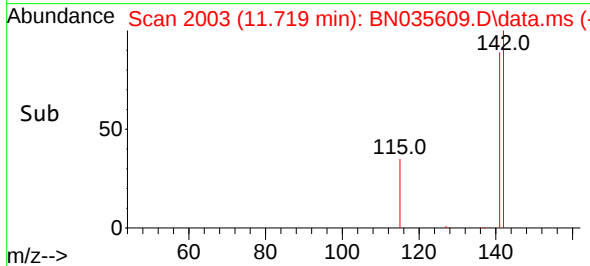
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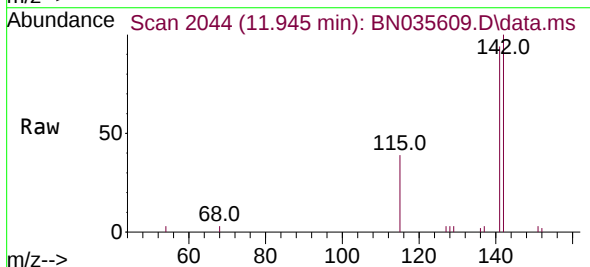
Tgt Ion:142 Resp: 4207
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6

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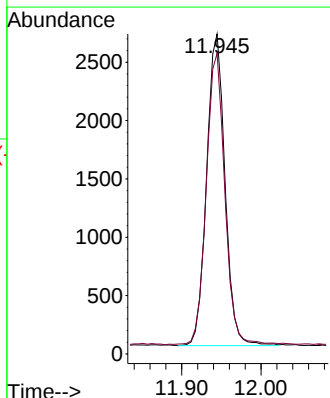
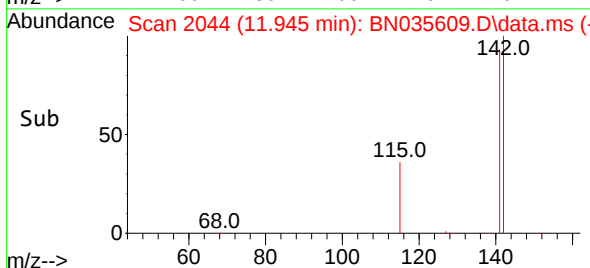
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

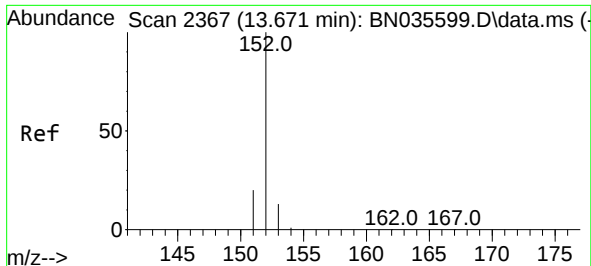


#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 11.945 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30



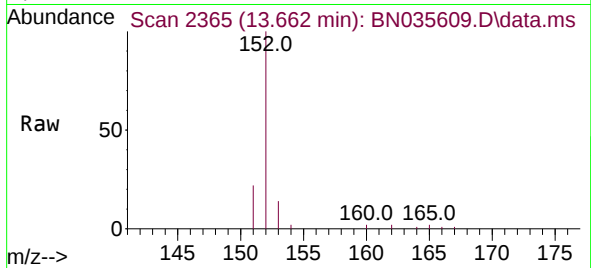
Tgt Ion:142 Resp: 4308
Ion Ratio Lower Upper
142 100
141 94.0 73.1 109.7





#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 13.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

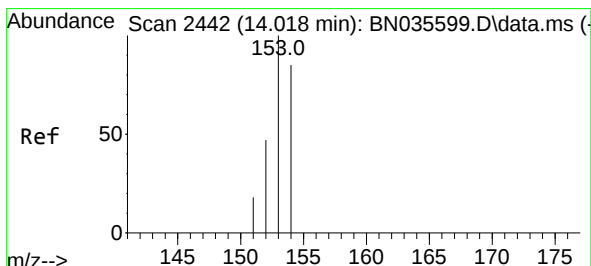
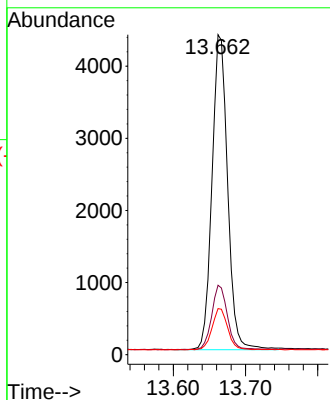
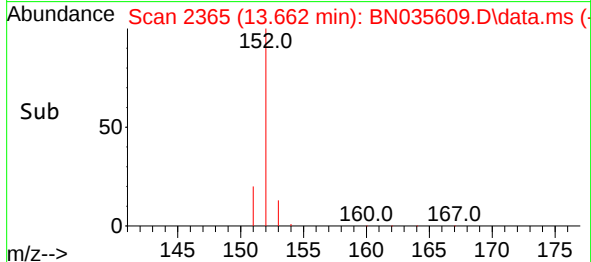
Instrument :
BNA_N
ClientSampleId :
SLCS514



Tgt Ion:152 Resp: 6529
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6
153 14.4 11.1 16.7

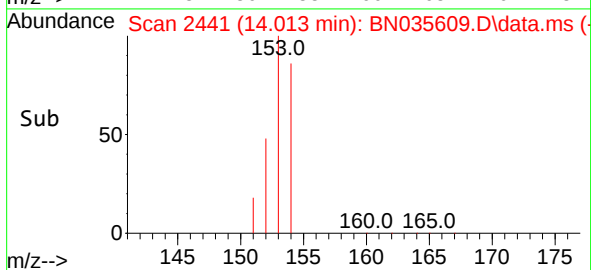
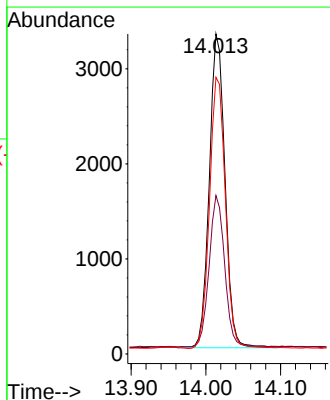
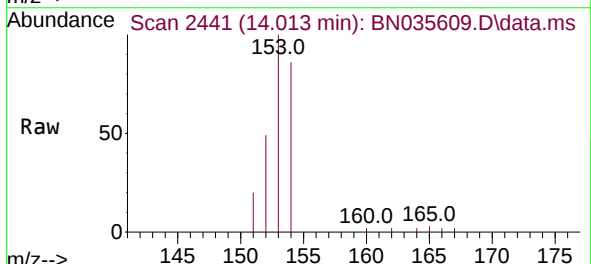
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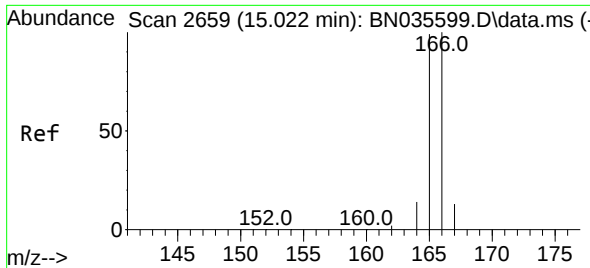
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.013 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

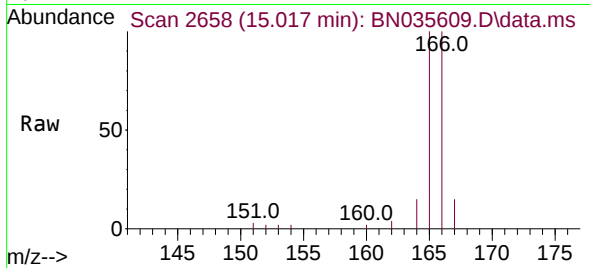
Tgt Ion:153 Resp: 4811
Ion Ratio Lower Upper
153 100
152 49.5 41.4 62.0
154 86.5 71.2 106.8





#12
Fluorene
Concen: 0.304 ng/ul
RT: 15.017 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

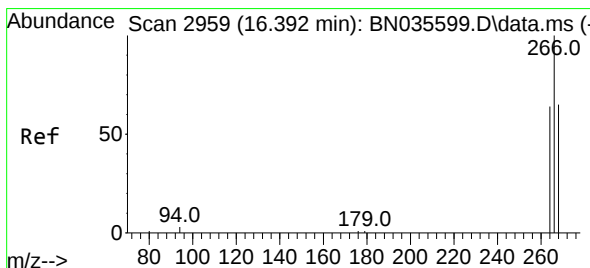
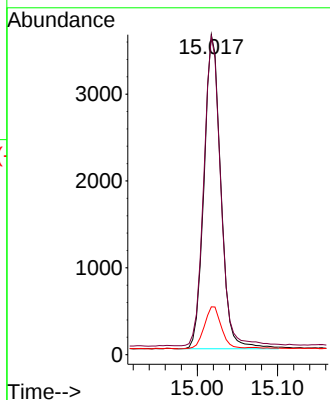
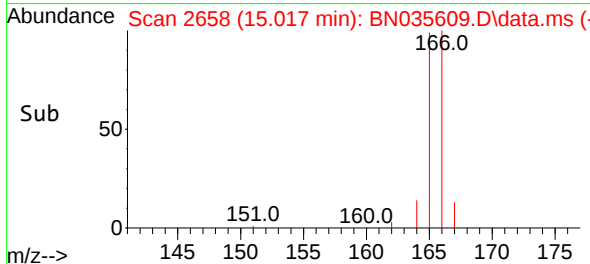
Instrument :
BNA_N
ClientSampleId :
SLCS514



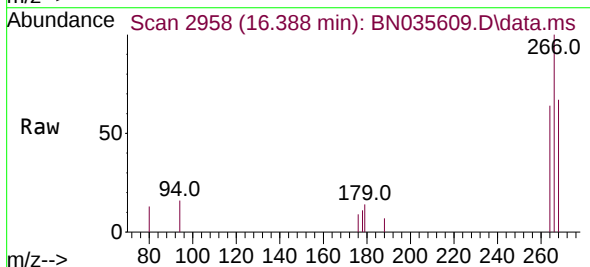
Tgt Ion:166 Resp: 526
Ion Ratio Lower Upper
166 100
165 99.6 78.6 118.0
167 14.9 11.8 17.6

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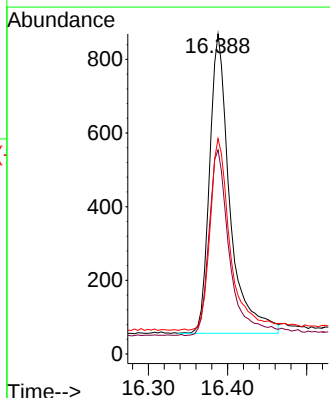
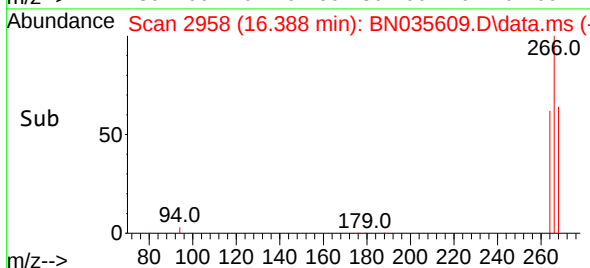
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

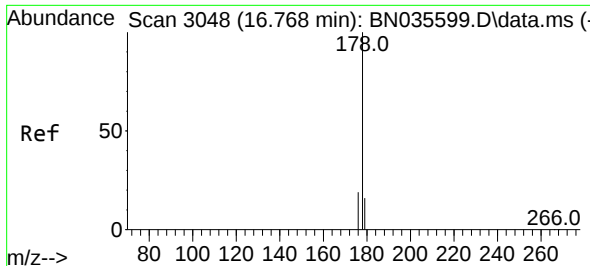


#14
Pentachlorophenol
Concen: 0.684 ng/ul
RT: 16.388 min Scan# 2958
Delta R.T. 0.008 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30



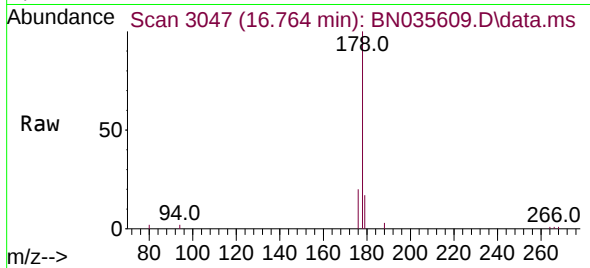
Tgt Ion:266 Resp: 1449
Ion Ratio Lower Upper
266 100
264 63.1 51.8 77.6
268 63.9 51.3 76.9





#15
Phenanthrene
Concen: 0.326 ng/u1
RT: 16.764 min Scan# 3048
Delta R.T. 0.004 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

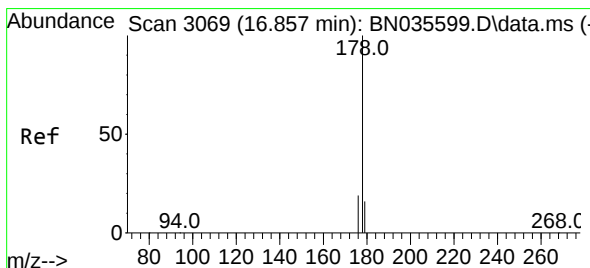
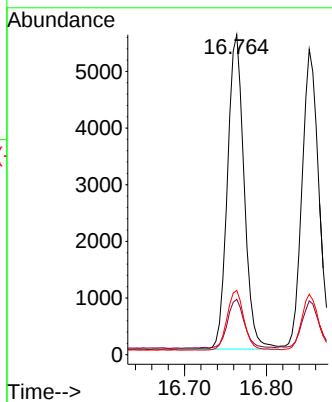
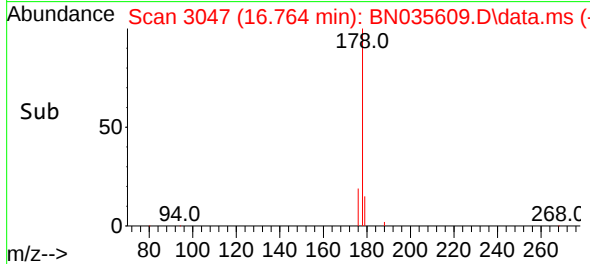
Instrument :
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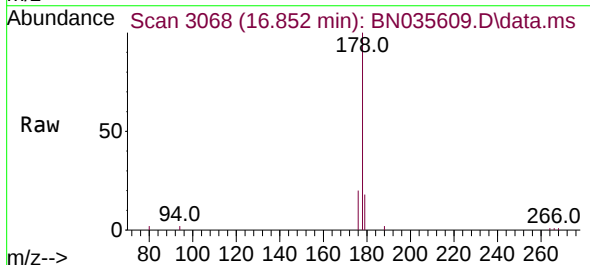
Tgt Ion:178 Resp: 7830
Ion Ratio Lower Upper
178 100
179 17.3 12.9 19.3
176 20.1 15.6 23.4

Manual Integrations
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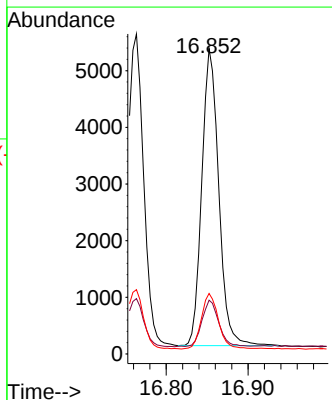
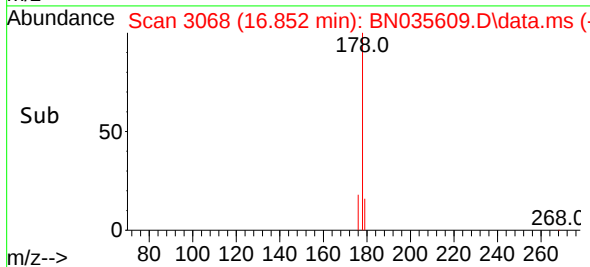
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

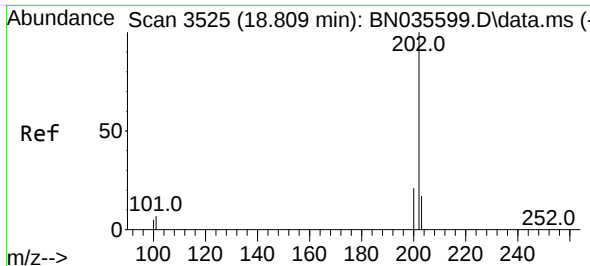


#16
Anthracene
Concen: 0.337 ng/u1
RT: 16.852 min Scan# 3068
Delta R.T. 0.004 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30



Tgt Ion:178 Resp: 7520
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 19.8 15.4 23.2





#19

Fluoranthene

Concen: 0.382 ng/u1

RT: 18.805 min Scan# 3525

Delta R.T. 0.005 min

Lab File: BN035609.D

Acq: 13 Dec 2024 22:30

Instrument :

BNA_N

ClientSampleId :

SLCS514

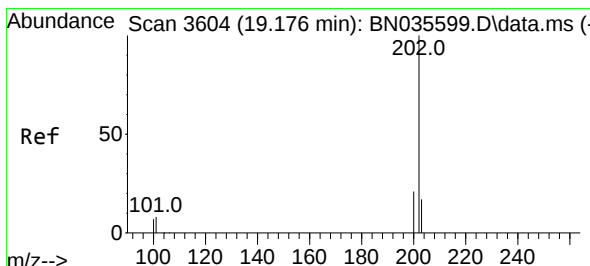
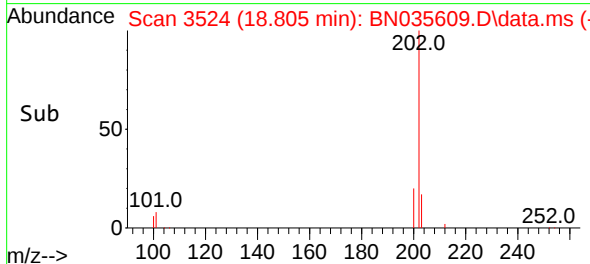
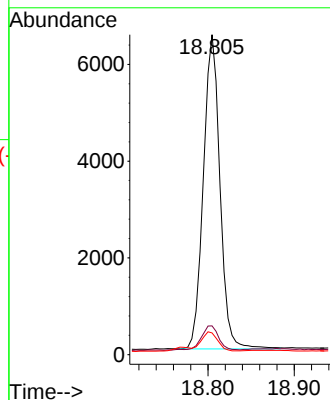
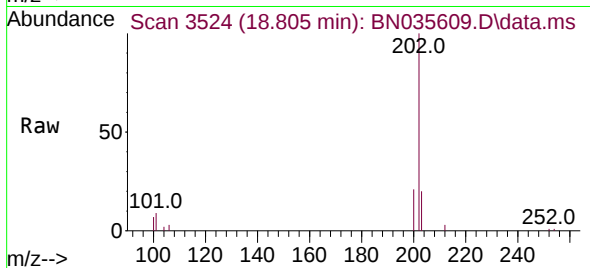
Tgt Ion:202	Resp:	8692
Ion Ratio	Lower	Upper
202	100	
101	9.0	5.8 8.6
100	6.8	4.5 6.7

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#20

Pyrene

Concen: 0.398 ng/u1

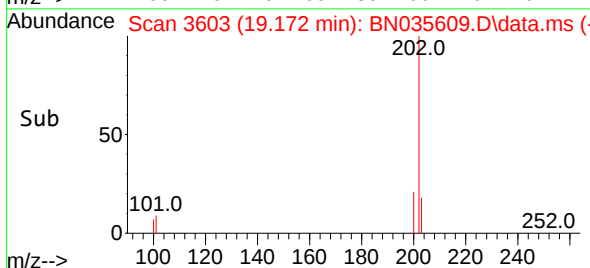
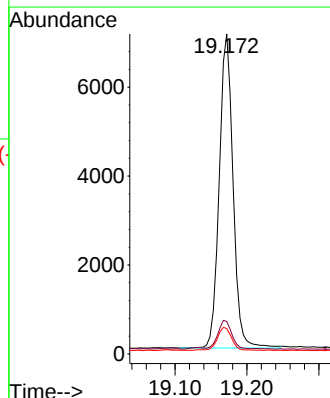
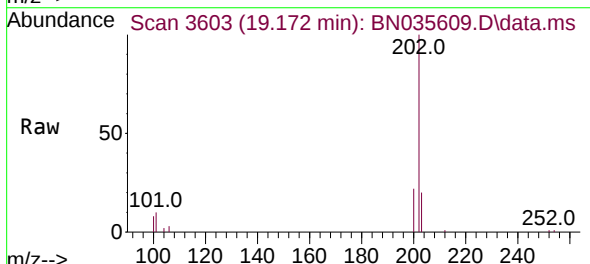
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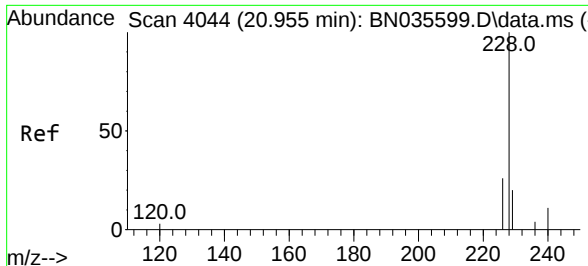
Delta R.T. 0.005 min

Lab File: BN035609.D

Acq: 13 Dec 2024 22:30

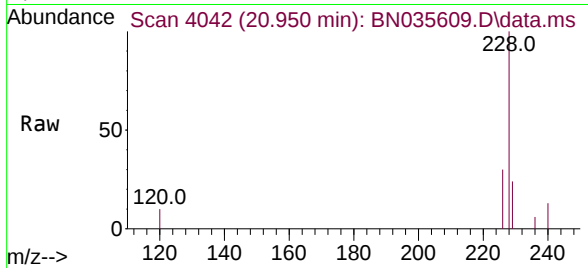
Tgt Ion:202	Resp:	9440
Ion Ratio	Lower	Upper
202	100	
101	10.1	6.2 9.4#
100	8.0	5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 20.950 min Scan# 4044
Delta R.T. 0.003 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

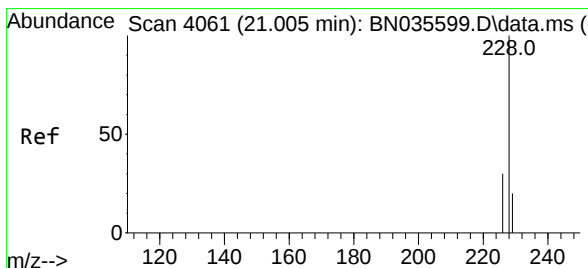
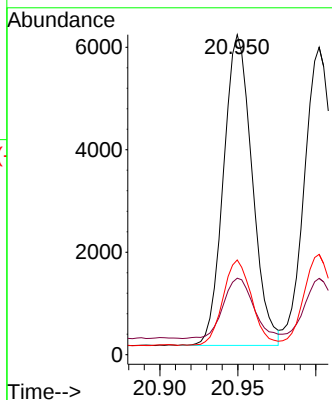
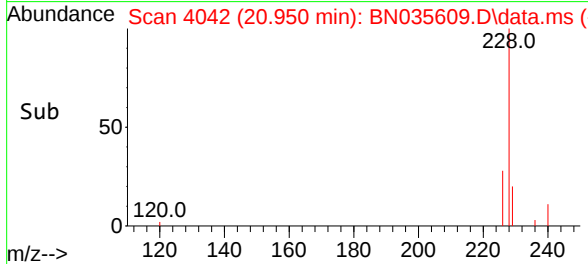
Instrument :
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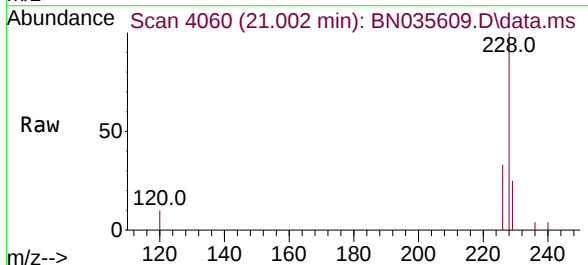
Tgt Ion:228 Resp: 7765
Ion Ratio Lower Upper
228 100
229 23.9 15.8 23.8
226 29.6 21.8 32.8

Manual Integrations
APPROVED

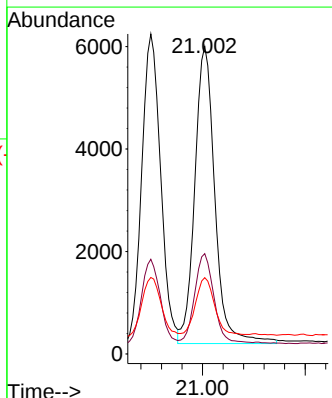
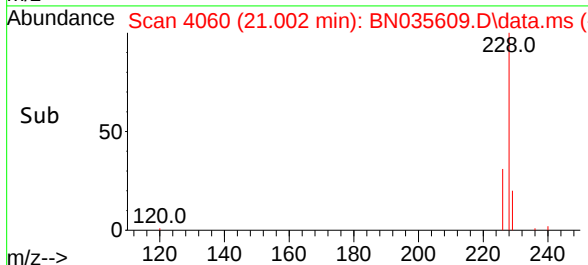
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

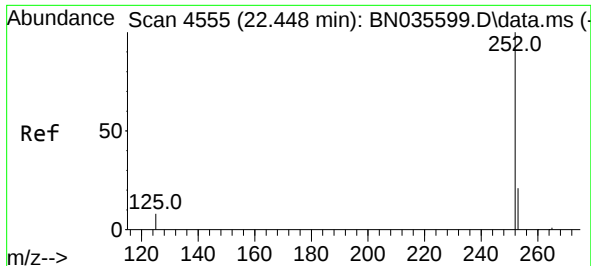


#22
Chrysene
Concen: 0.346 ng/ul m
RT: 21.002 min Scan# 4060
Delta R.T. 0.006 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30



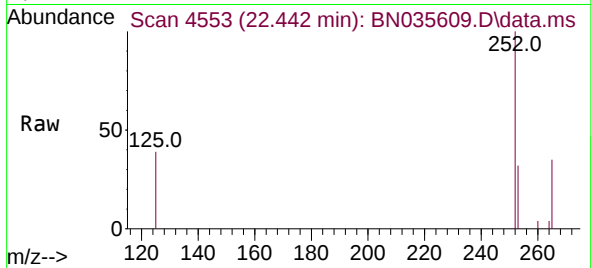
Tgt Ion:228 Resp: 7899
Ion Ratio Lower Upper
228 100
226 32.6 24.7 37.1
229 24.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 22.442 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

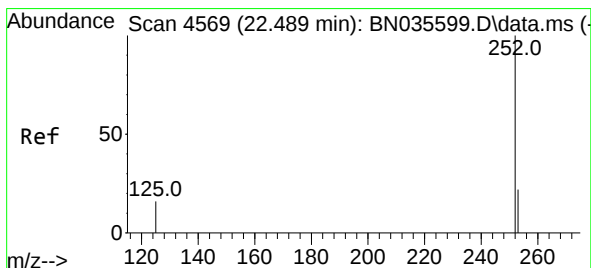
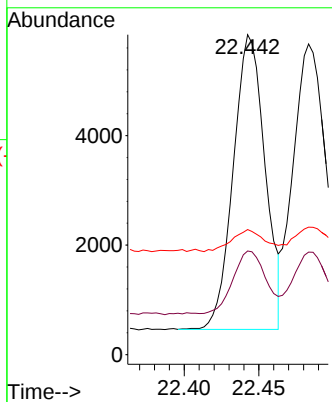
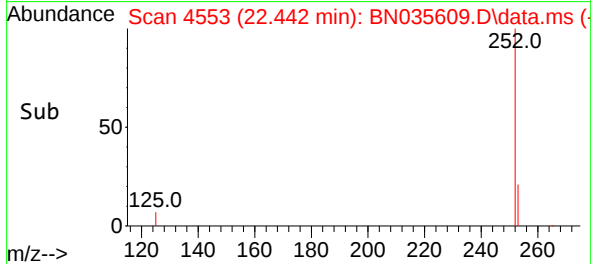
Instrument :
BNA_N
ClientSampleId :
SLCS514



Tgt Ion:252 Resp: 7979
Ion Ratio Lower Upper
252 100
253 32.4 0.0 54.0
125 39.1 0.0 19.4

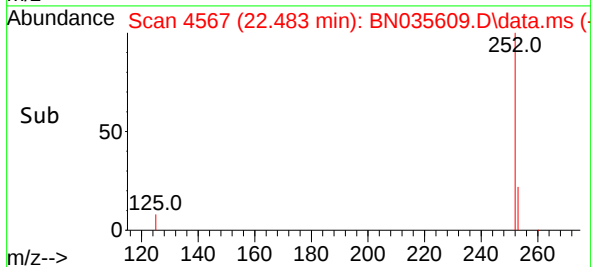
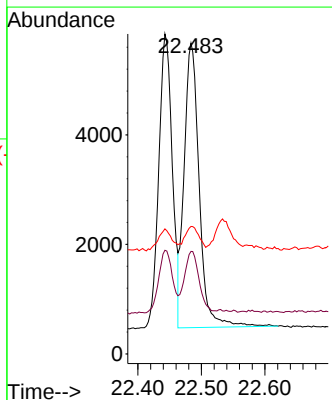
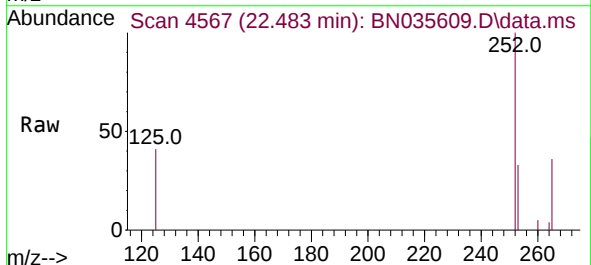
Manual Integrations
APPROVED

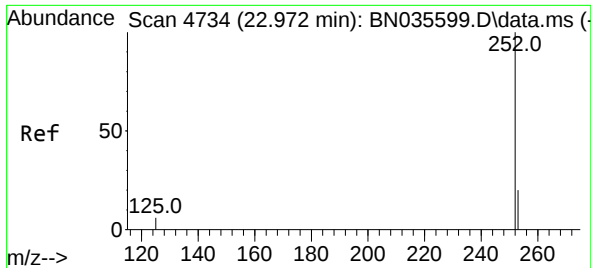
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 22.483 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

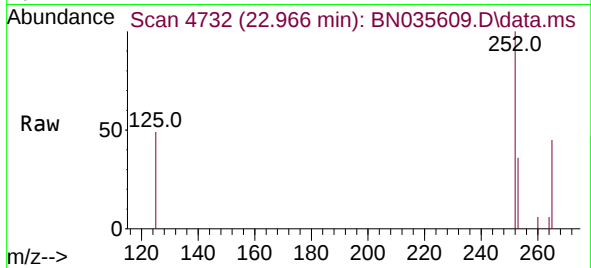
Tgt Ion:252 Resp: 8560
Ion Ratio Lower Upper
252 100
253 33.0 21.8 32.6#
125 41.0 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 22.966 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

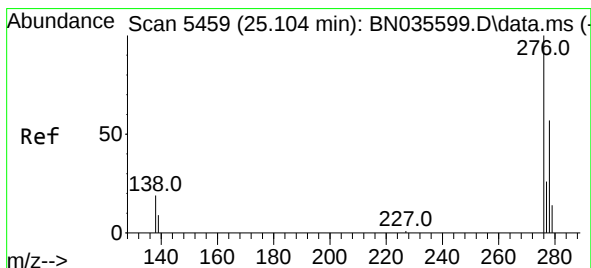
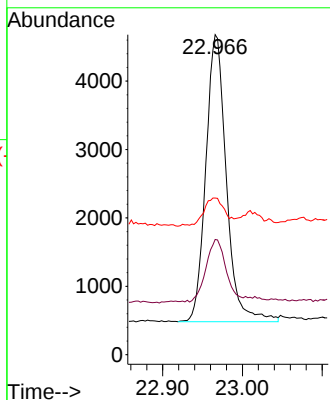
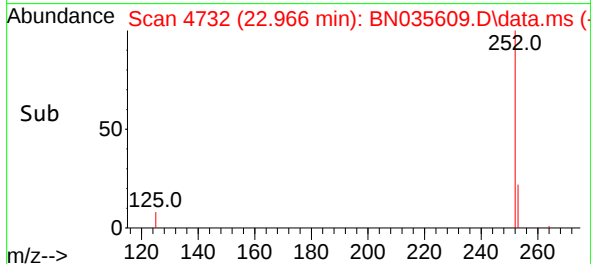
Instrument :
BNA_N
ClientSampleId :
SLCS514



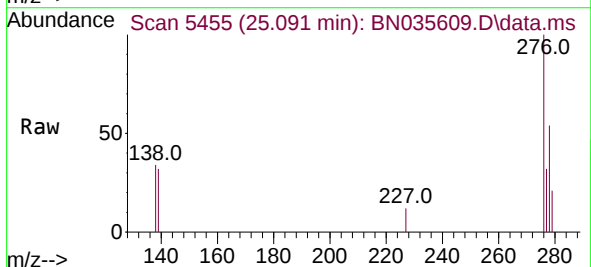
Tgt Ion:252 Resp: 7502
Ion Ratio Lower Upper
252 100
253 36.0 22.9 34.3#
125 48.9 9.4 14.2#

Manual Integrations
APPROVED

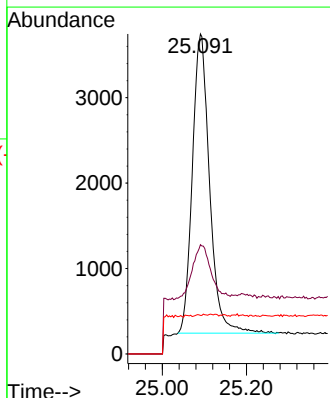
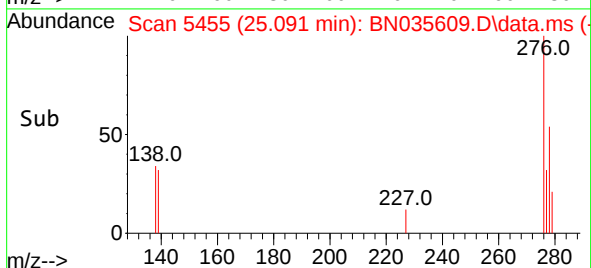
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

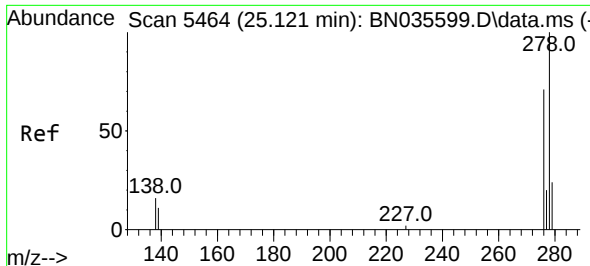


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 25.091 min Scan# 5455
Delta R.T. 0.010 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30



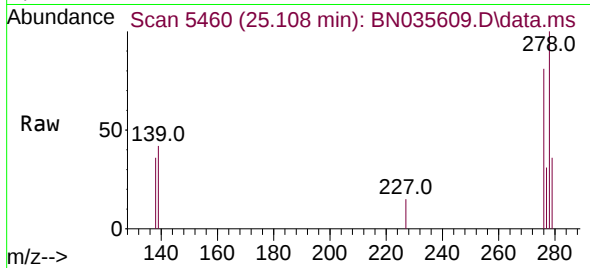
Tgt Ion:276 Resp: 9933
Ion Ratio Lower Upper
276 100
138 127.2 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 25.108 min Scan# 5460
Delta R.T. 0.007 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30

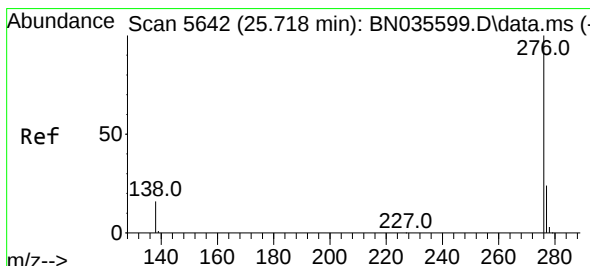
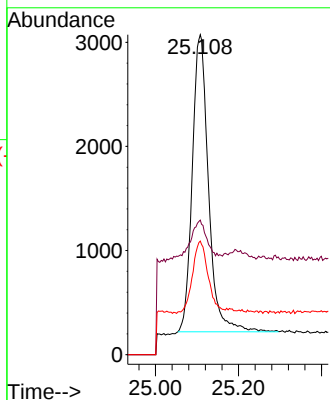
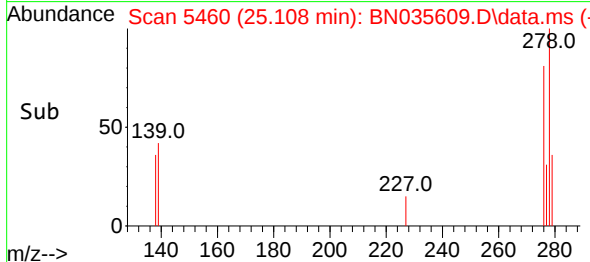
Instrument :
BNA_N
ClientSampleId :
SLCS514



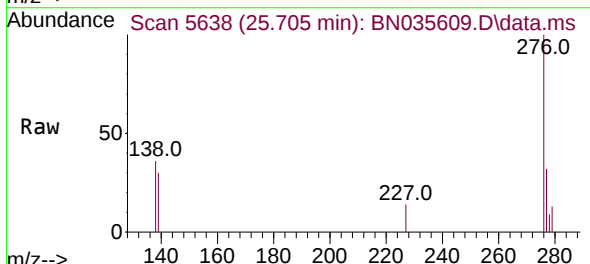
Tgt Ion:278 Resp: 774
Ion Ratio Lower Upper
278 100
139 42.0 10.7 16.1#
279 35.5 22.8 34.2#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 25.705 min Scan# 5638
Delta R.T. 0.013 min
Lab File: BN035609.D
Acq: 13 Dec 2024 22:30



Tgt Ion:276 Resp: 7917
Ion Ratio Lower Upper
276 100
138 36.2 13.0 19.6#
277 32.1 20.5 30.7#

