

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
 Data File : BN035584.D
 Acq On : 12 Dec 2024 14:42
 Operator : RC/JU
 Sample : P5153-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 15:22:09 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	7.289	152	2970	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8533	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5329	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9947	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	7536	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	8814	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	11134	4.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2368	0.189	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	3656	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.081	128	7460	0.347	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	5787	0.388	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	4528	0.301	ng/ul	98
10) Acenaphthylene	13.662	152	5070	0.240	ng/ul#	94
11) Acenaphthene	14.014	153	398	0.025	ng/ul#	88
12) Fluorene	15.018	166	1601	0.084	ng/ul#	90
14) Pentachlorophenol	16.375	266	68	0.029	ng/ul#	88
15) Phenanthrene	16.760	178	17992	0.684	ng/ul	98
16) Anthracene	16.848	178	9770	0.400	ng/ul	96
19) Fluoranthene	18.800	202	207801	7.920	ng/ul	99
20) Pyrene	19.167	202	199264	7.298	ng/ul	96
21) Benzo(a)anthracene	20.950	228	177223	6.778	ng/ul	97
22) Chrysene	20.999	228	142524	5.416	ng/ul	97
24) Benzo(b)fluoranthene	22.446	252	267366m	9.177	ng/ul	
25) Benzo(k)fluoranthene	22.484	252	83790m	2.789	ng/ul	
26) Benzo(a)pyrene	22.966	252	170746	6.413	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.084	276	123227	3.427	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.098	278	32813	1.164	ng/ul#	90
29) Benzo(g,h,i)perylene	25.705	276	110394	3.894	ng/ul	98

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

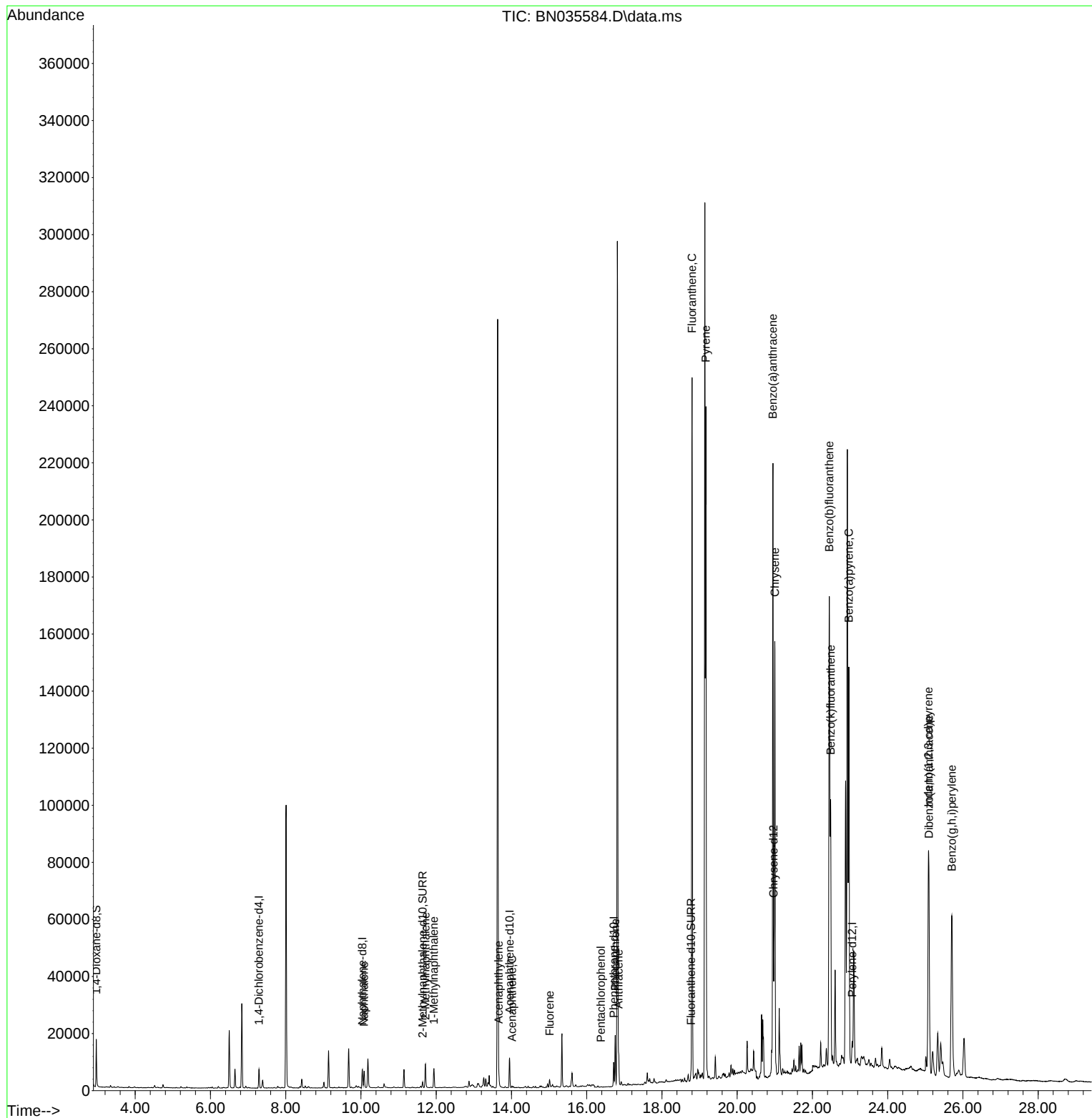
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035584.D
Acq On : 12 Dec 2024 14:42
Operator : RC/JU
Sample : P5153-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

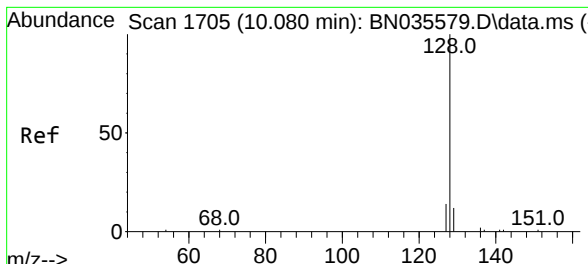
Instrument :
BNA_N
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E28Q0

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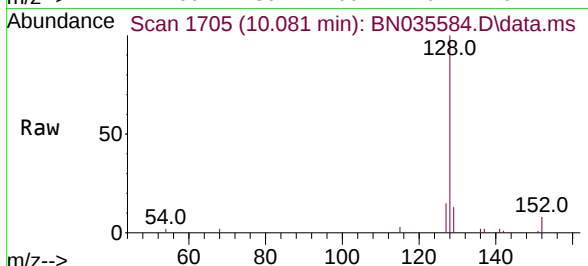
Quant Time: Dec 12 15:22:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.081 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

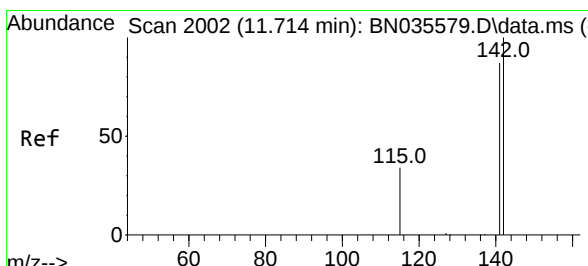
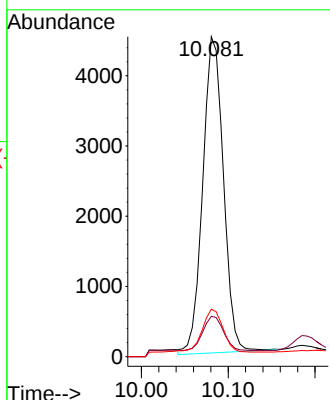
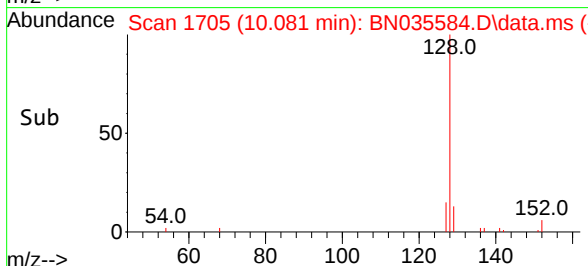
Instrument :
BNA_N
ClientSampleId :
E28Q0



Tgt Ion:128 Resp: 7460
Ion Ratio Lower Upper
128 100
129 12.6 9.9 14.9
127 14.9 11.4 17.2

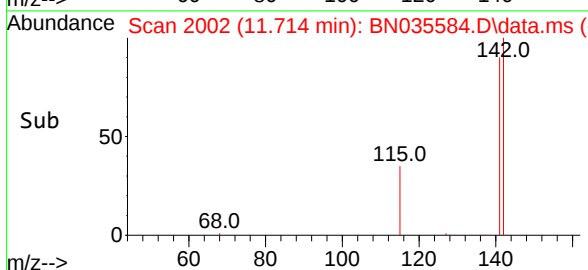
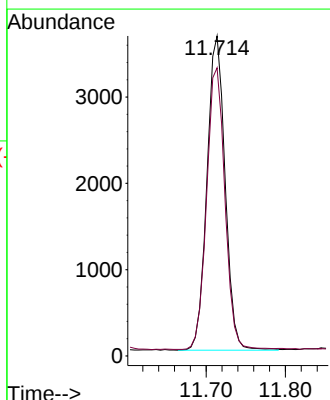
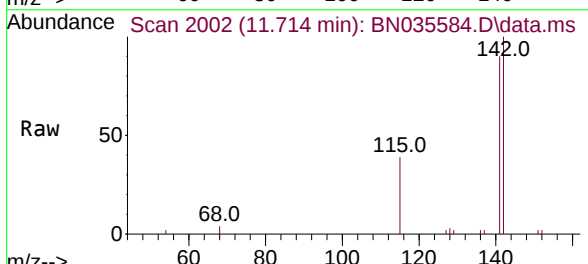
Manual Integrations
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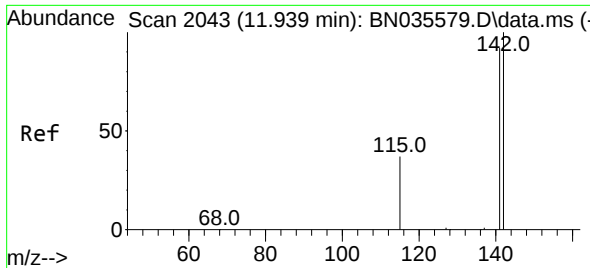
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

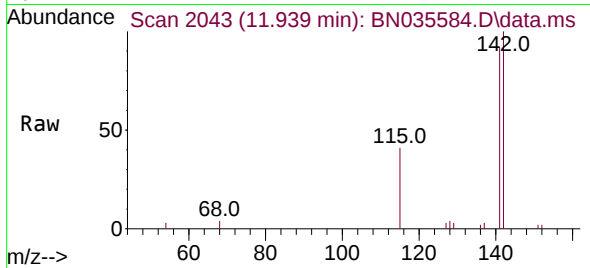
Tgt Ion:142 Resp: 5787
Ion Ratio Lower Upper
142 100
141 90.2 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

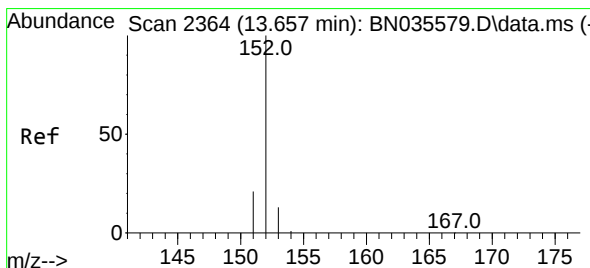
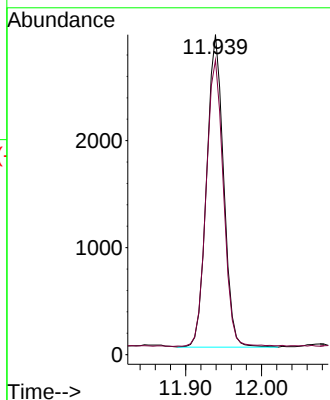
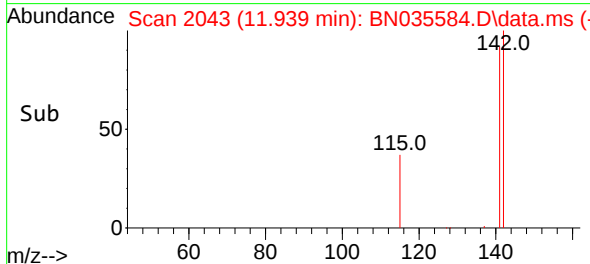
Instrument :
BNA_N
ClientSampleId :
E28Q0



Tgt Ion:142 Resp: 4528
Ion Ratio Lower Upper
142 100
141 93.5 73.1 109.7

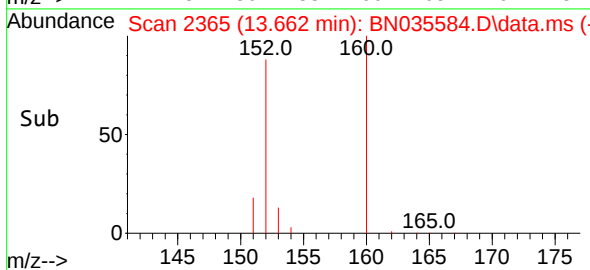
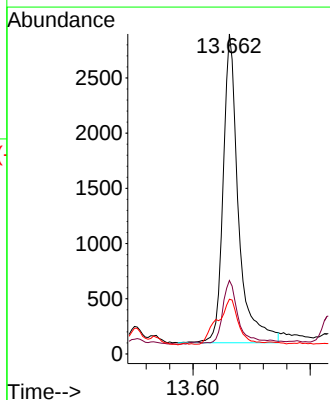
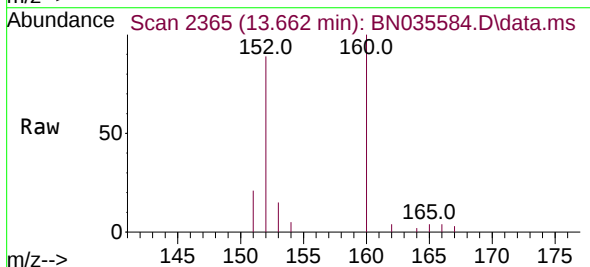
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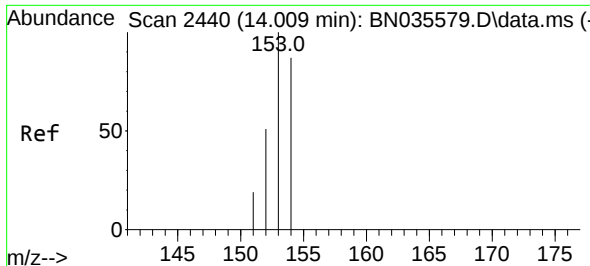
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#10
Acenaphthylene
Concen: 0.240 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

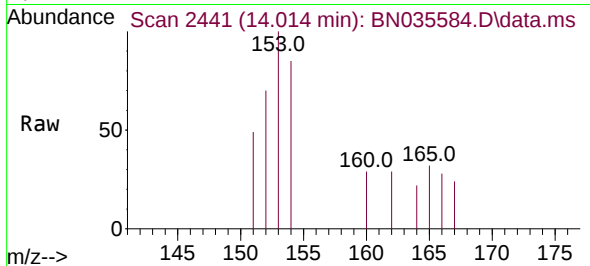
Tgt Ion:152 Resp: 5070
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6
153 17.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

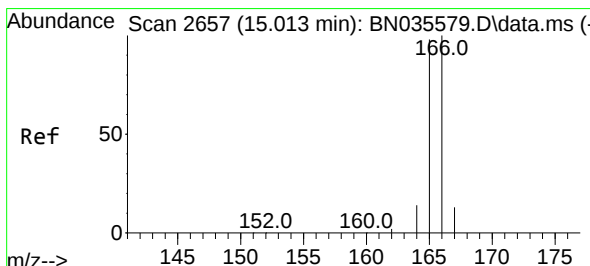
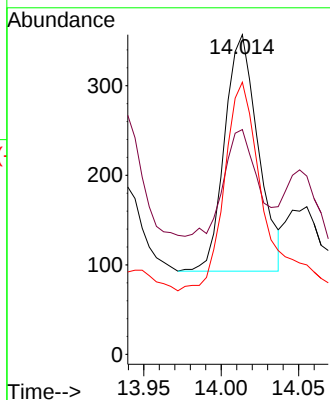
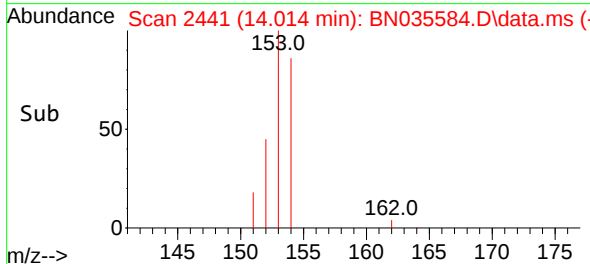
Instrument :
BNA_N
ClientSampleId :
E28Q0



Tgt Ion:153 Resp: 398
Ion Ratio Lower Upper
153 100
152 70.3 41.4 62.0
154 85.2 71.2 106.8

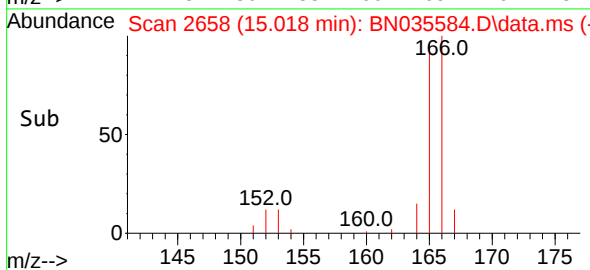
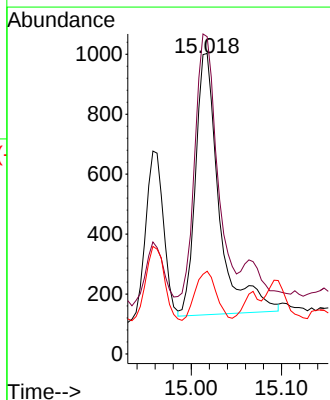
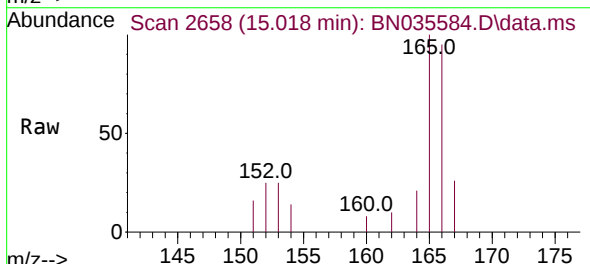
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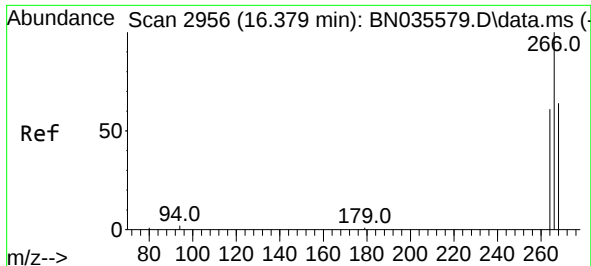
Reviewed By :Yogesh Patel 12/13/2024
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#12
Fluorene
Concen: 0.084 ng/u1
RT: 15.018 min Scan# 2658
Delta R.T. 0.000 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

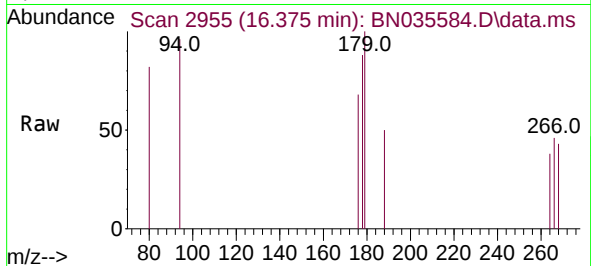
Tgt Ion:166 Resp: 1601
Ion Ratio Lower Upper
166 100
165 105.6 78.6 118.0
167 27.5 11.8 17.6#





#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 16.375 min Scan# 2956
Delta R.T. -0.004 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

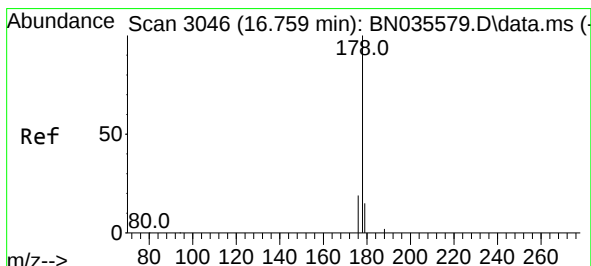
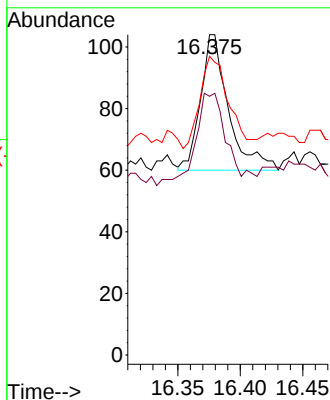
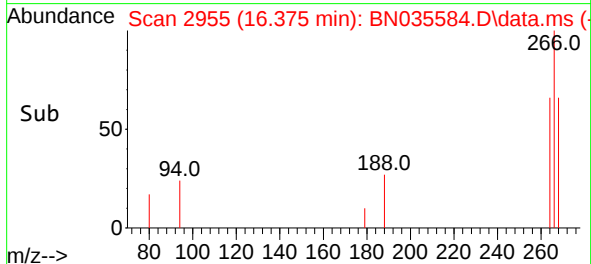
Instrument :
BNA_N
ClientSampleId :
E28Q0



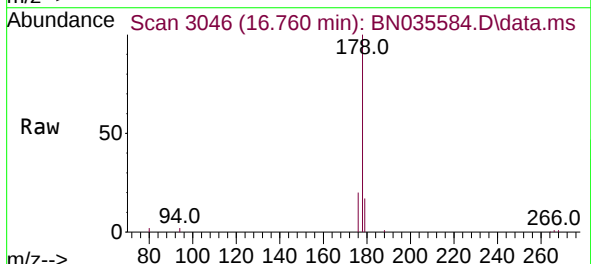
Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
264 77.9 51.8 77.6
268 69.1 51.3 76.9

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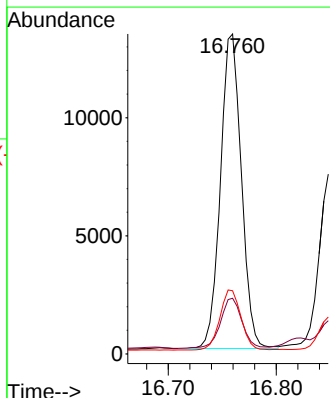
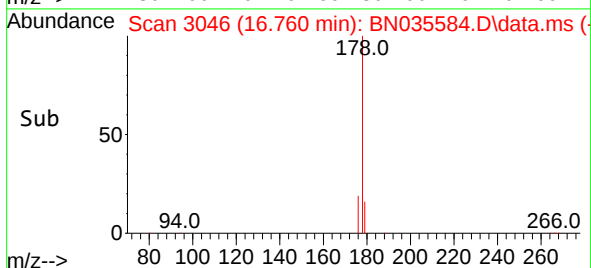
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

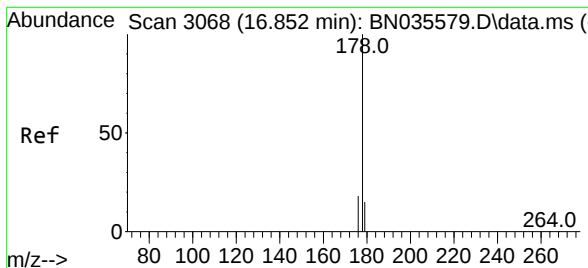


#15
Phenanthrene
Concen: 0.684 ng/ul
RT: 16.760 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42



Tgt Ion:178 Resp: 17992
Ion Ratio Lower Upper
178 100
179 17.4 12.9 19.3
176 19.7 15.6 23.4





#16

Anthracene

Concen: 0.400 ng/ul

RT: 16.848 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BN035584.D

Acq: 12 Dec 2024 14:42

Instrument :

BNA_N

ClientSampleId :

E28Q0

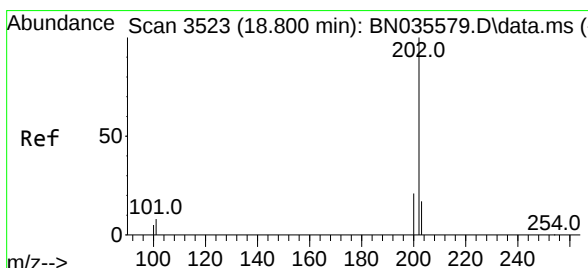
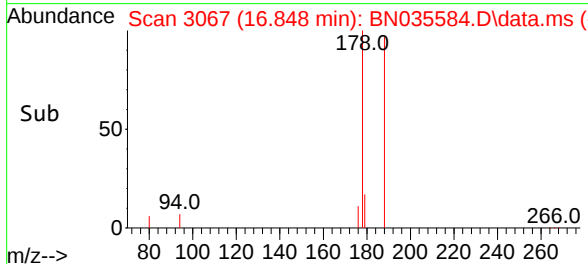
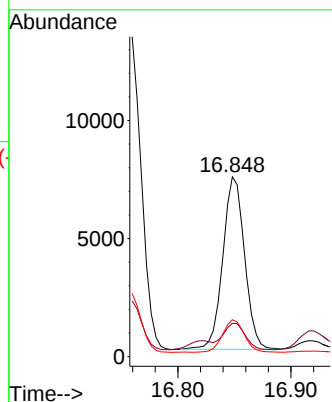
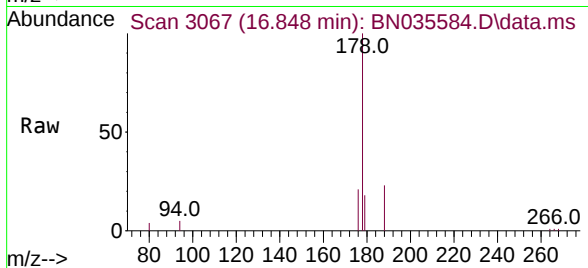
Tgt Ion:	178	Resp:	9770
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.9	19.3
176	20.5	15.4	23.2

Manual Integrations

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#19

Fluoranthene

Concen: 7.920 ng/ul

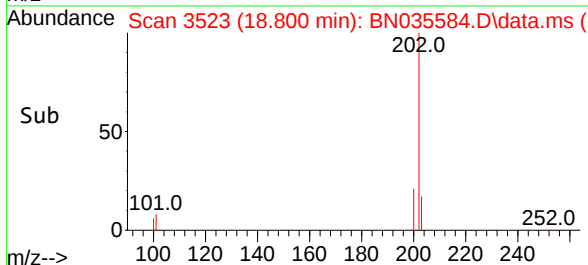
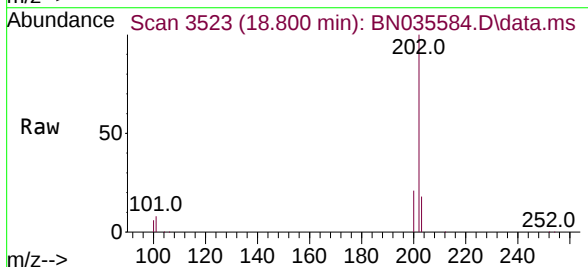
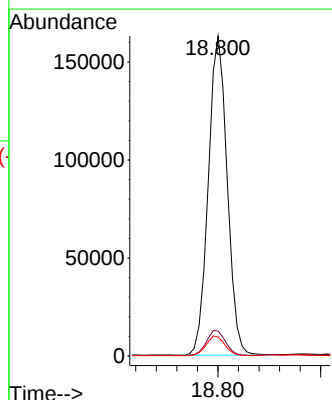
RT: 18.800 min Scan# 3523

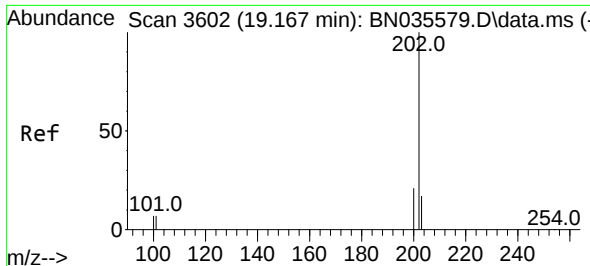
Delta R.T. 0.000 min

Lab File: BN035584.D

Acq: 12 Dec 2024 14:42

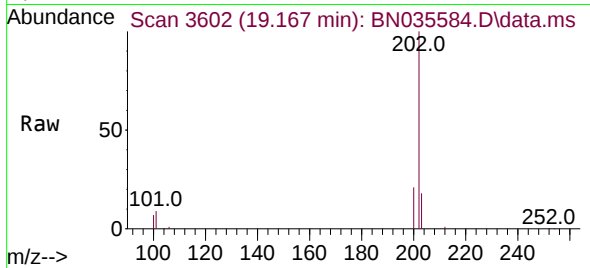
Tgt Ion:	202	Resp:	207801
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.8	8.6
100	5.9	4.5	6.7





#20
Pyrene
Concen: 7.298 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

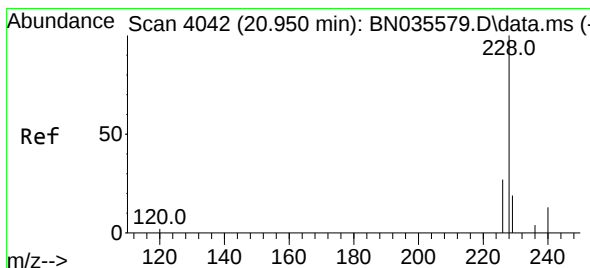
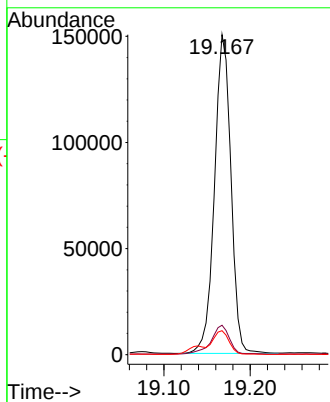
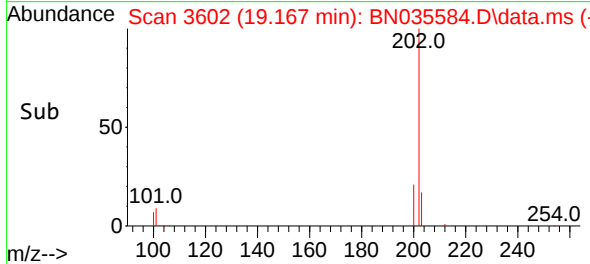
Instrument :
BNA_N
ClientSampleId :
E28Q0



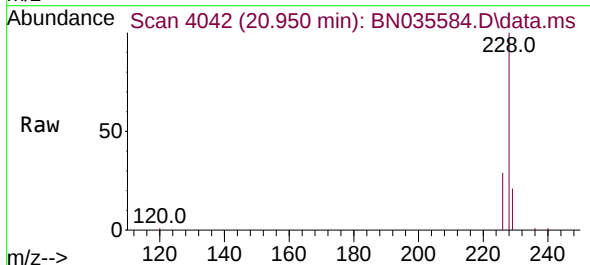
Tgt Ion:202 Resp: 199264
Ion Ratio Lower Upper
202 100
101 9.2 6.2 9.4
100 7.5 5.1 7.7

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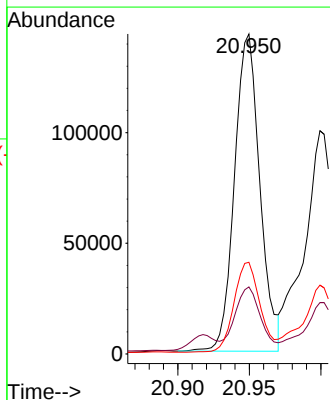
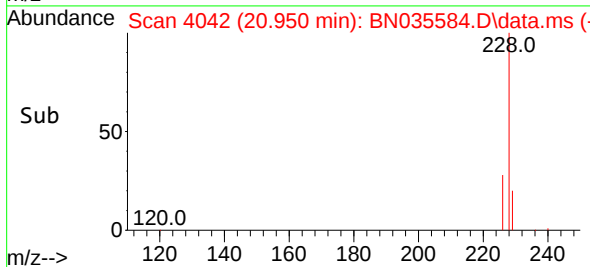
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

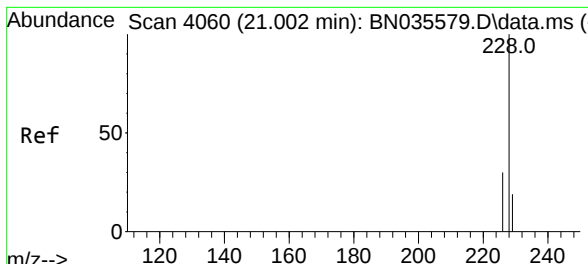


#21
Benzo(a)anthracene
Concen: 6.778 ng/ul
RT: 20.950 min Scan# 4042
Delta R.T. 0.003 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42



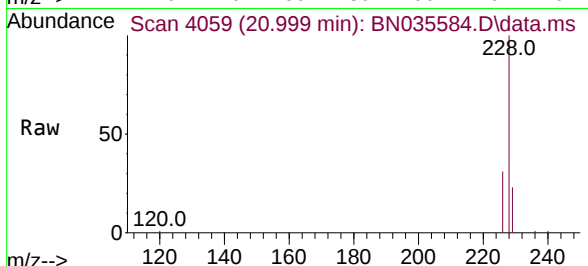
Tgt Ion:228 Resp: 177223
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.6 21.8 32.8





#22
Chrysene
Concen: 5.416 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

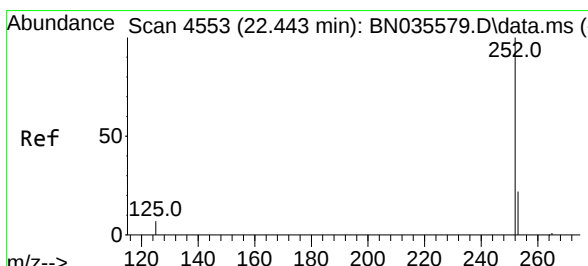
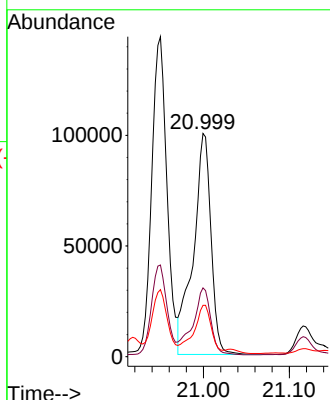
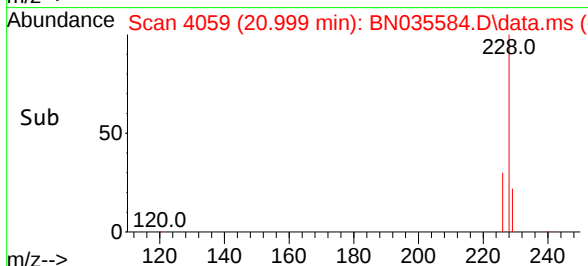
Instrument :
BNA_N
ClientSampleId :
E28Q0



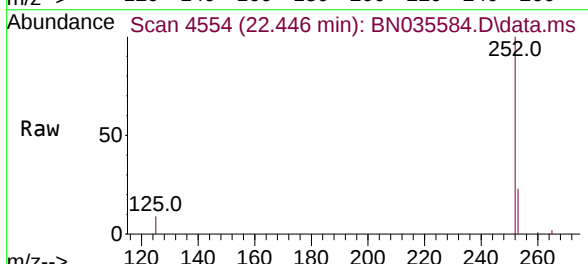
Tgt Ion:228 Resp: 142524
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 23.0 16.0 24.0

Manual Integrations
APPROVED

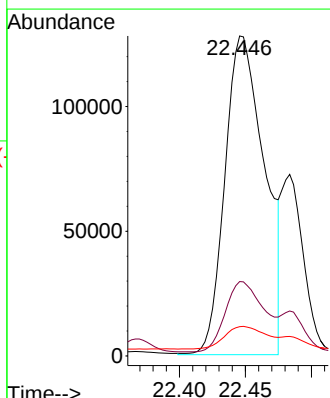
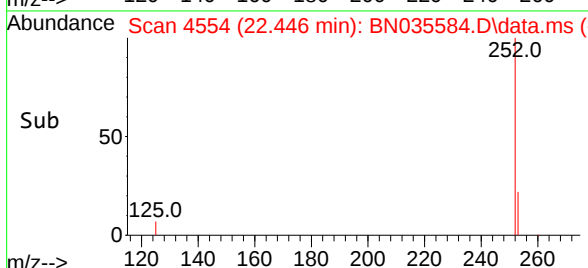
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

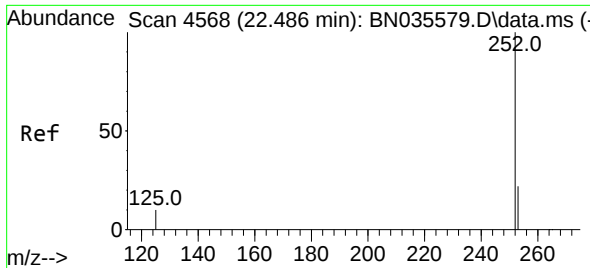


#24
Benzo(b)fluoranthene
Concen: 9.177 ng/ul m
RT: 22.446 min Scan# 4554
Delta R.T. 0.006 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42



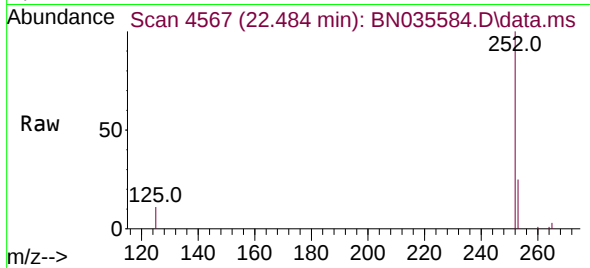
Tgt Ion:252 Resp: 267366
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 9.2 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 2.789 ng/ul m
RT: 22.484 min Scan# 4568
Delta R.T. 0.003 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

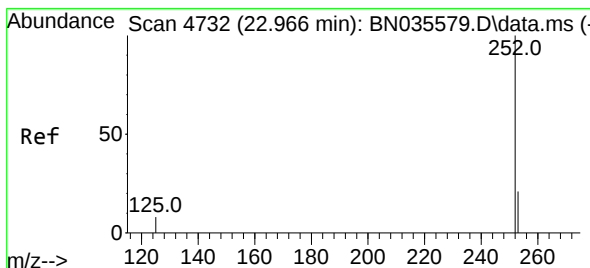
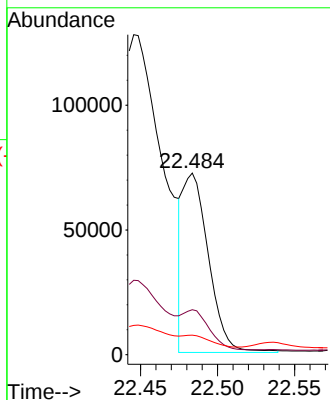
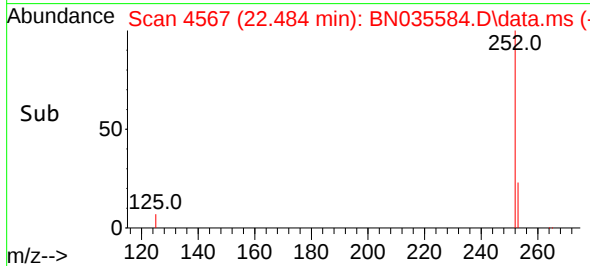
Instrument :
BNA_N
ClientSampleId :
E28Q0



Tgt Ion:252 Resp: 83790
Ion Ratio Lower Upper
252 100
253 24.8 21.8 32.6
125 10.8 8.6 12.8

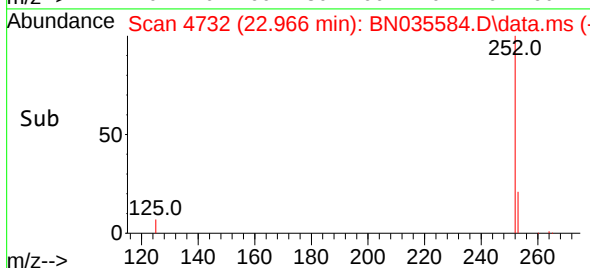
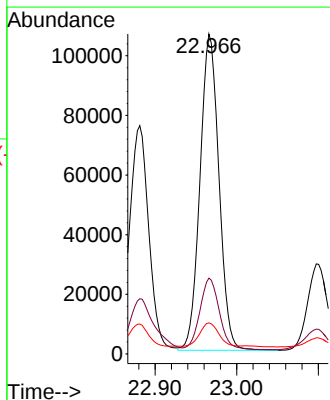
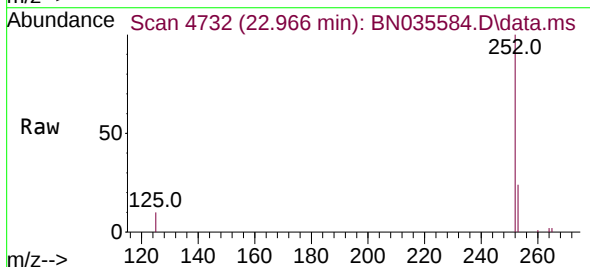
Manual Integrations
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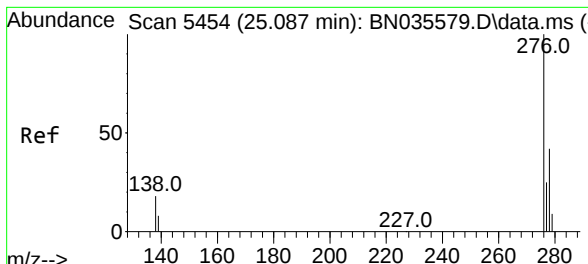
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#26
Benzo(a)pyrene
Concen: 6.413 ng/ul
RT: 22.966 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BN035584.D
Acq: 12 Dec 2024 14:42

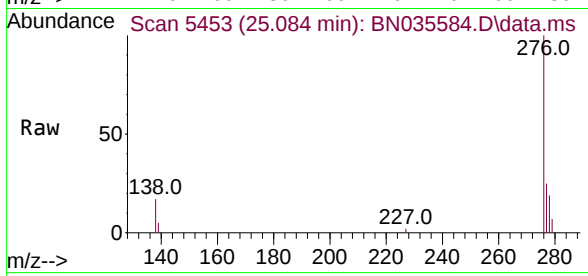
Tgt Ion:252 Resp: 170746
Ion Ratio Lower Upper
252 100
253 23.7 22.9 34.3
125 9.7 9.4 14.2





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.427 ng/ul
 RT: 25.084 min Scan# 5453
 Delta R.T. 0.004 min
 Lab File: BN035584.D
 Acq: 12 Dec 2024 14:42

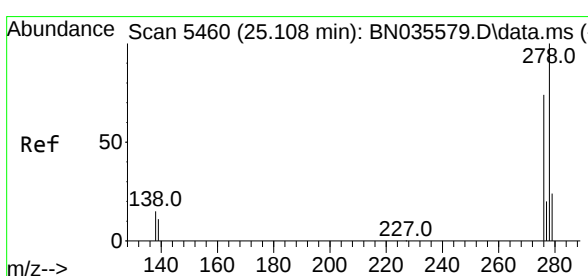
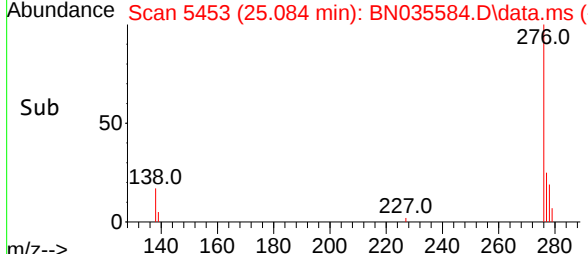
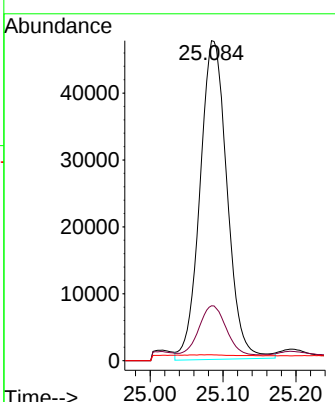
Instrument : BNA_N
 ClientSampleId : E28Q0



Tgt Ion: 276 Resp: 12322

Ion	Ratio	Lower	Upper
276	100		
138	20.5	13.8	20.8
227	10.2	0.2	0.4

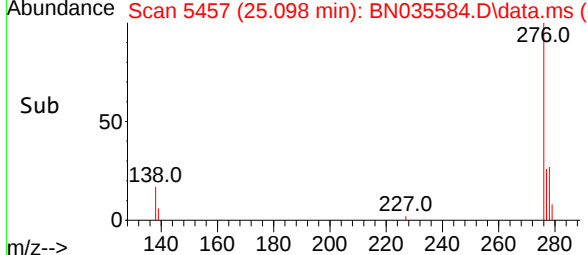
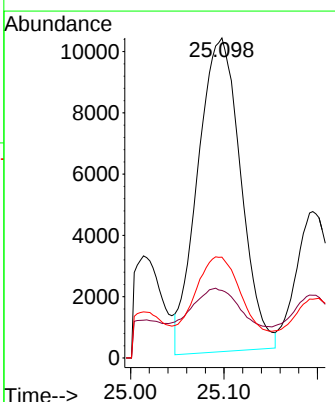
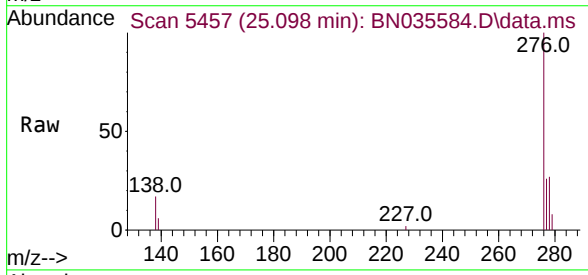
Manual Integrations
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 Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

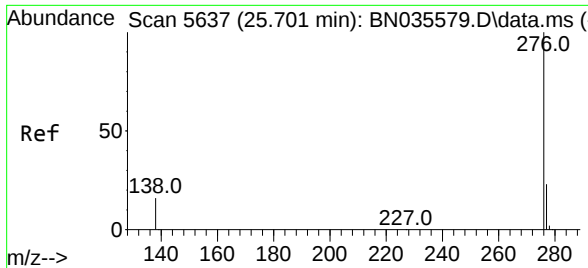


#28
 Dibenzo(a,h)anthracene
 Concen: 1.164 ng/ul
 RT: 25.098 min Scan# 5457
 Delta R.T. -0.003 min
 Lab File: BN035584.D
 Acq: 12 Dec 2024 14:42

Tgt Ion: 278 Resp: 32813

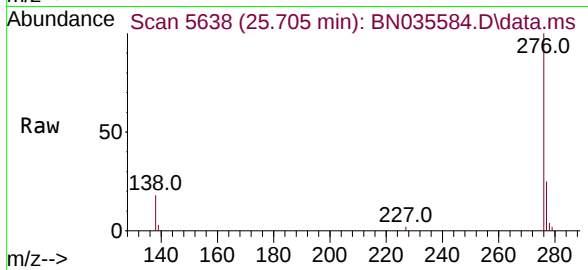
Ion	Ratio	Lower	Upper
278	100		
139	21.1	10.7	16.1
279	31.5	22.8	34.2





#29
 Benzo(g,h,i)perylene
 Concen: 3.894 ng/ul
 RT: 25.705 min Scan# 50
 Delta R.T. 0.014 min
 Lab File: BN035584.D
 Acq: 12 Dec 2024 14:42

Instrument :
 BNA_N
 ClientSampleId :
 E28Q0



Tgt Ion:276 Resp: 110394
 Ion Ratio Lower Upper
 276 100
 138 17.6 13.0 19.6
 277 24.9 20.5 30.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

