

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035264.D
 Acq On : 23 Nov 2024 05:11
 Operator : RC/JU
 Sample : P4872-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 23 05:34:21 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 : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4265	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	11131	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164	6698	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	13771	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	8828	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	8189m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	8455	2.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	2595	0.159	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	5544	0.228	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.113	128	752	0.027	ng/ul#	79
7) 2-Methylnaphthalene	11.747	142	411	0.021	ng/ul	99
8) 1-Methylnaphthalene	11.972	142	626	0.032	ng/ul	99
10) Acenaphthylene	13.690	152	7754	0.292	ng/ul	99
11) Acenaphthene	14.041	153	1215	0.060	ng/ul	94
12) Fluorene	15.045	166	4954	0.208	ng/ul	99
15) Phenanthrene	16.785	178	69174	1.900	ng/ul	99
16) Anthracene	16.878	178	14056	0.416	ng/ul	99
19) Fluoranthene	18.828	202	118537	3.857	ng/ul#	96
20) Pyrene	19.195	202	94280	2.948	ng/ul#	92
21) Benzo(a)anthracene	20.973	228	37025	1.209	ng/ul	95
22) Chrysene	21.023	228	37324	1.211	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	46398m	1.714	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	17245m	0.618	ng/ul	
26) Benzo(a)pyrene	23.001	252	33395	1.350	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.134	276	24552	0.735	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.144	278	5606	0.214	ng/ul#	86
29) Benzo(g,h,i)perylene	25.755	276	23066	0.876	ng/ul#	93

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

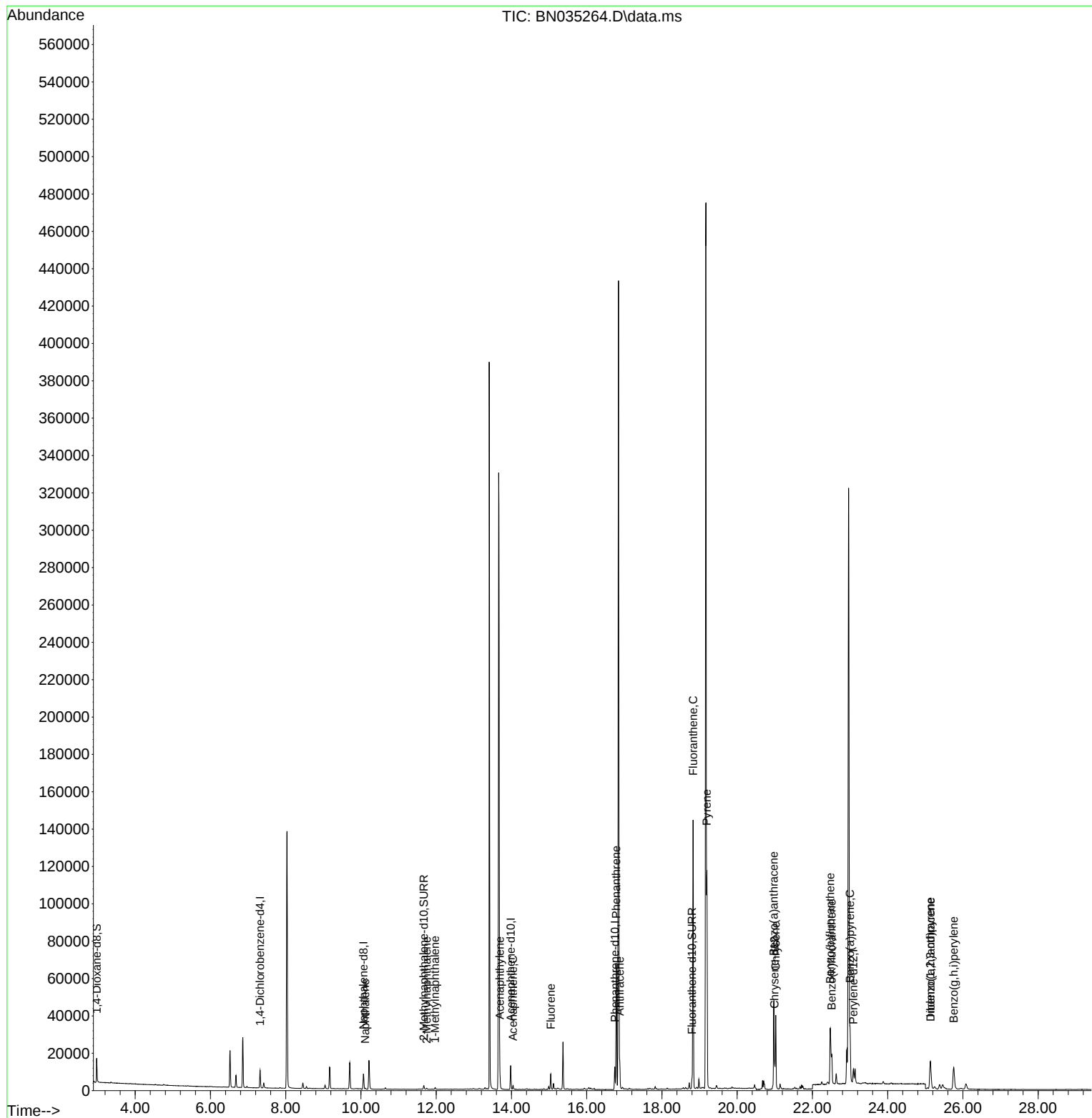
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035264.D
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ALS Vial : 30 Sample Multiplier: 1

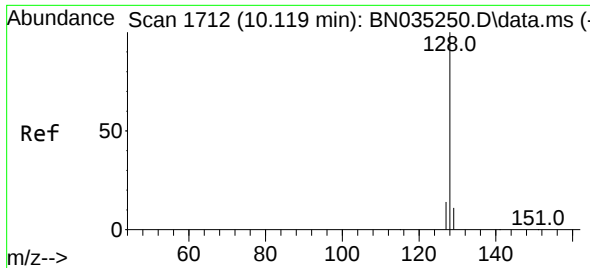
Instrument :
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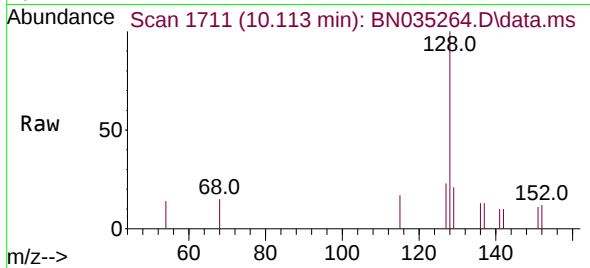
Quant Time: Nov 23 05:34:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.113 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

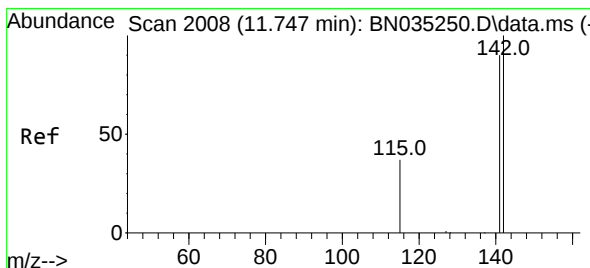
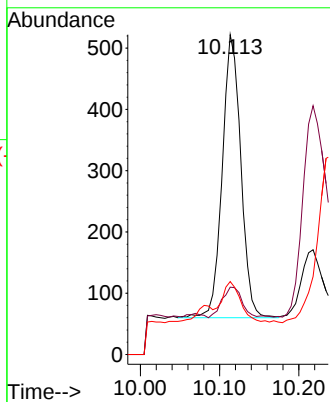
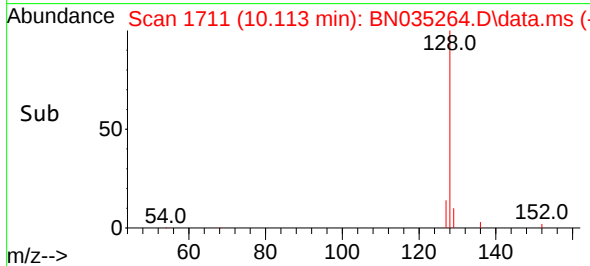
Instrument :
BNA_N
ClientSampleId :
E29X4



Tgt Ion:128 Resp: 752
Ion Ratio Lower Upper
128 100
129 21.1 9.9 14.9
127 22.8 11.4 17.2

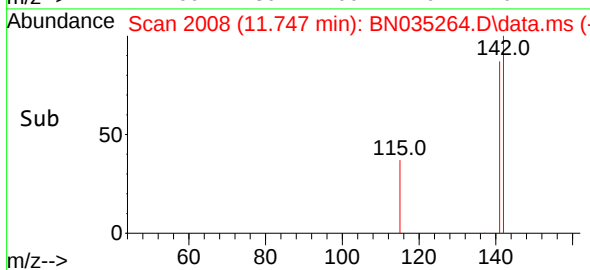
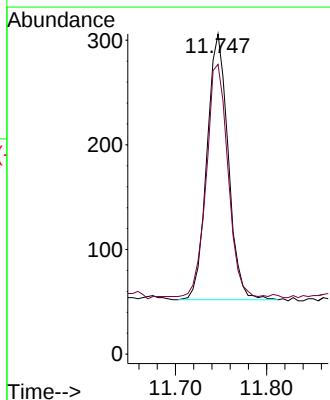
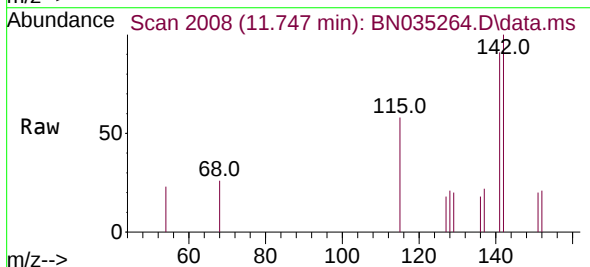
Manual Integrations
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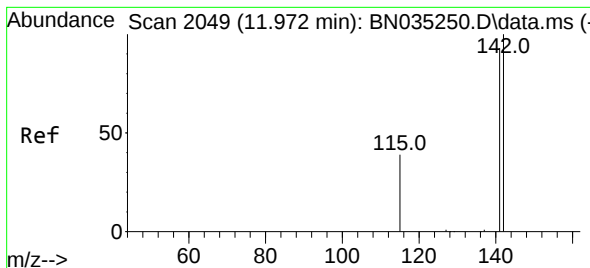
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.747 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

Tgt Ion:142 Resp: 411
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 11.972 min Scan# 2049

Delta R.T. -0.000 min

Lab File: BN035264.D

Acq: 23 Nov 2024 05:11

Instrument :

BNA_N

ClientSampleId :

E29X4

Tgt Ion:142 Resp: 620

Ion Ratio Lower Upper

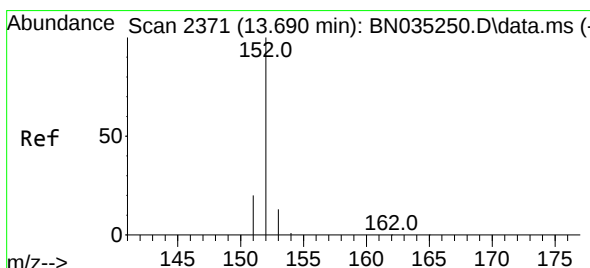
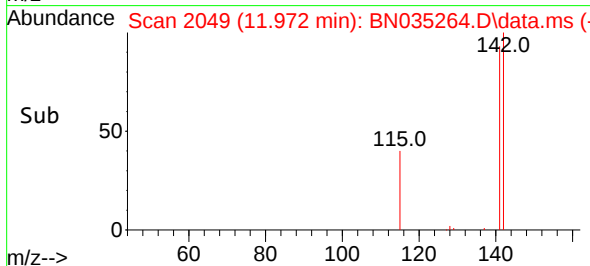
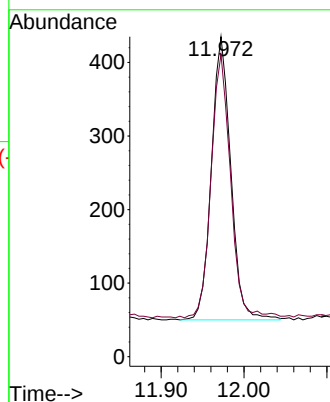
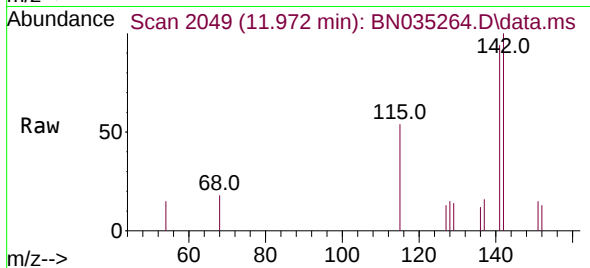
142 100

141 92.8 73.1 109.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.292 ng/ul

RT: 13.690 min Scan# 2371

Delta R.T. -0.000 min

Lab File: BN035264.D

Acq: 23 Nov 2024 05:11

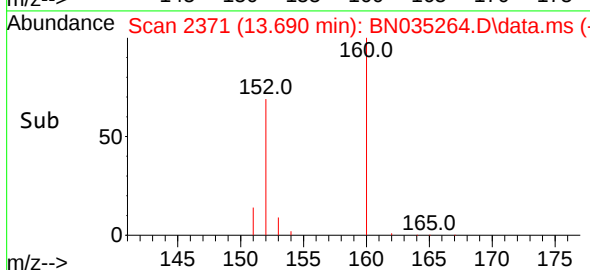
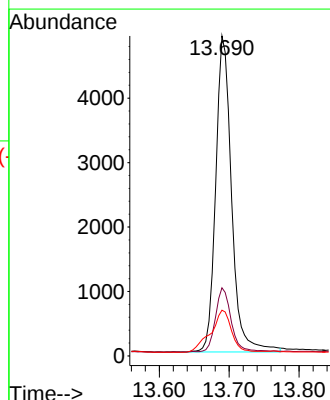
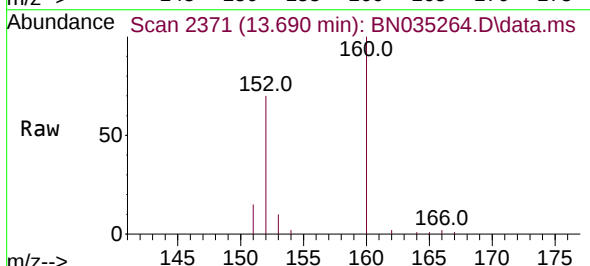
Tgt Ion:152 Resp: 7754

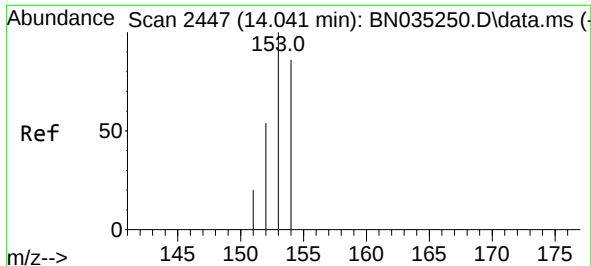
Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

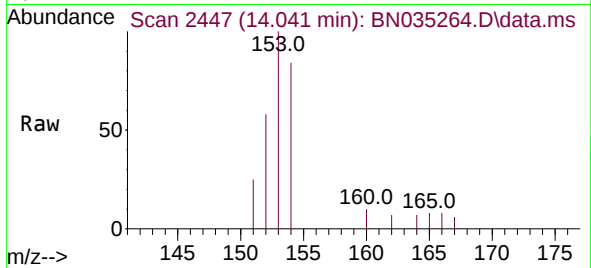
153 14.3 11.1 16.7





#11
Acenaphthene
Concen: 0.060 ng/u1
RT: 14.041 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

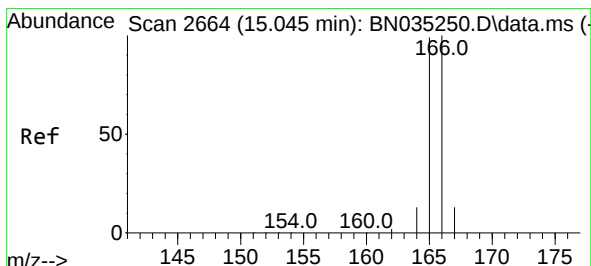
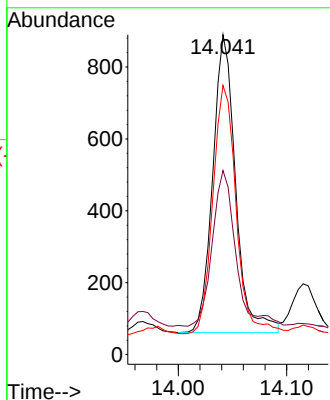
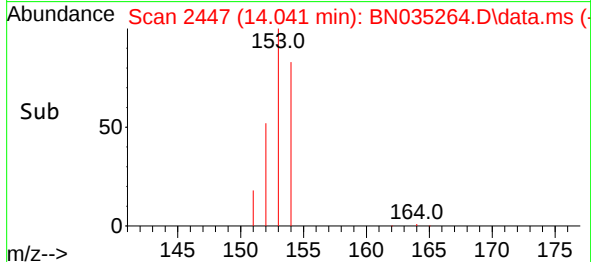
Instrument :
BNA_N
ClientSampleId :
E29X4



Tgt Ion:153 Resp: 1215
Ion Ratio Lower Upper
153 100
152 57.5 41.4 62.0
154 84.2 71.2 106.8

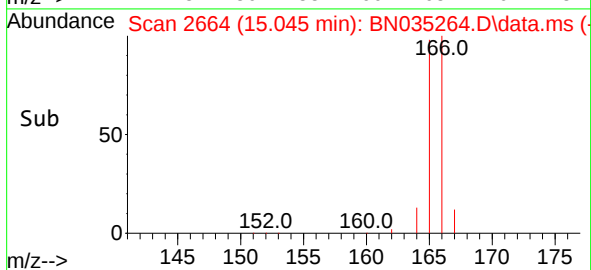
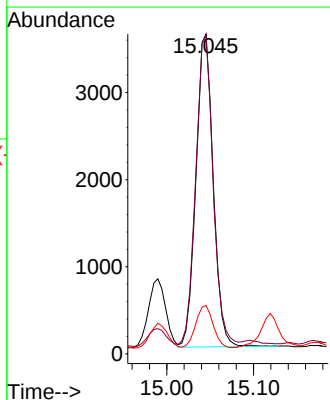
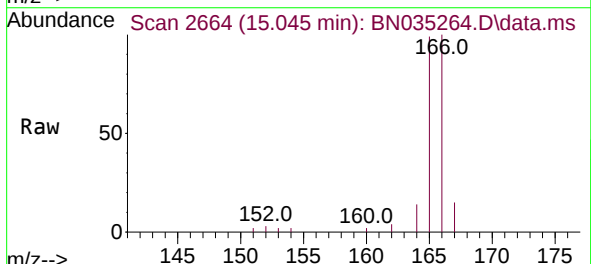
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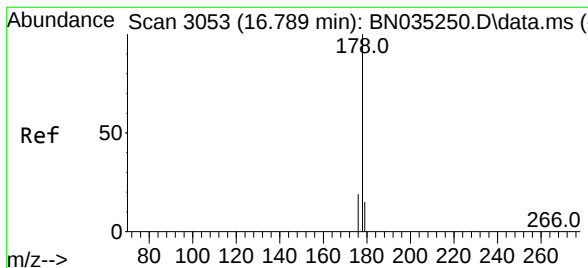
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.208 ng/u1
RT: 15.045 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

Tgt Ion:166 Resp: 4954
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 15.2 11.8 17.6





#15

Phenanthrene

Concen: 1.900 ng/ul

RT: 16.785 min Scan# 3053

Delta R.T. -0.004 min

Lab File: BN035264.D

Acq: 23 Nov 2024 05:11

Instrument :

BNA_N

ClientSampleId :

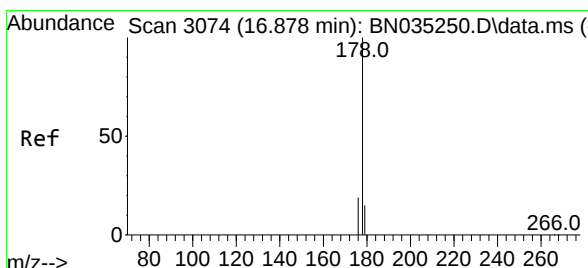
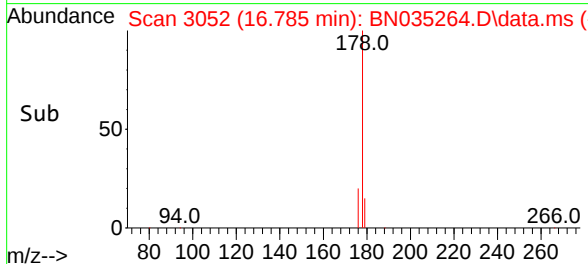
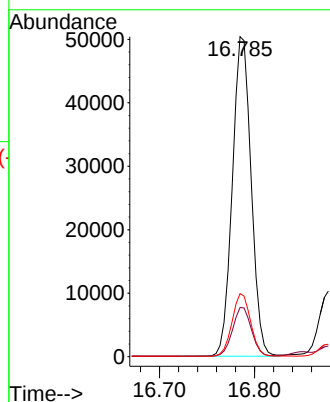
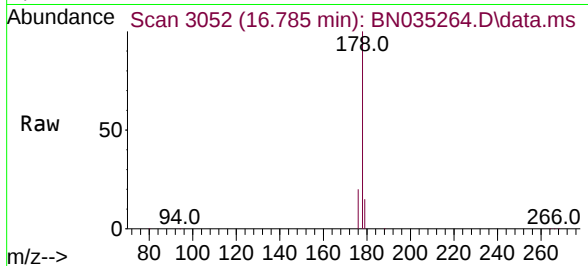
E29X4

Tgt Ion:178	Resp:	69174
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.9 19.3
176	19.7	15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#16

Anthracene

Concen: 0.416 ng/ul

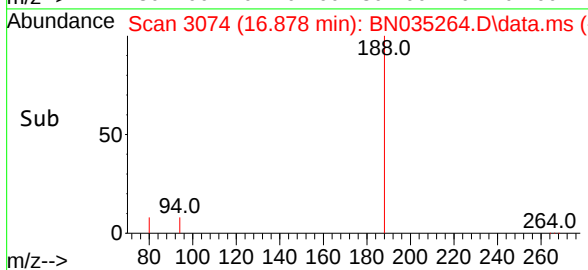
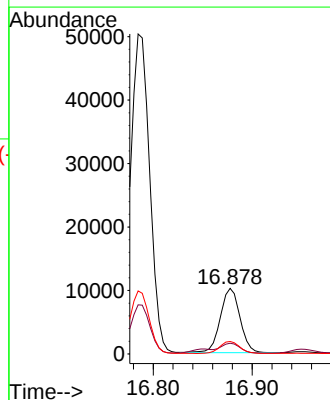
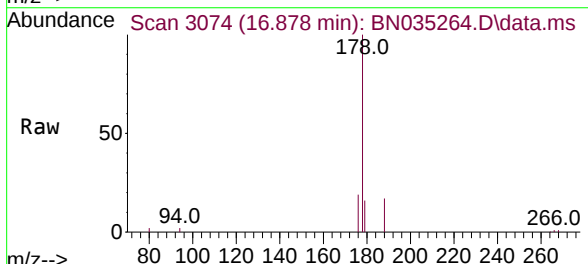
RT: 16.878 min Scan# 3074

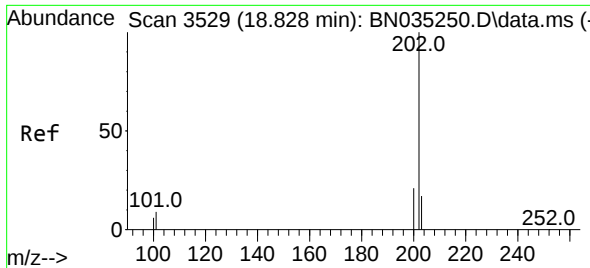
Delta R.T. -0.004 min

Lab File: BN035264.D

Acq: 23 Nov 2024 05:11

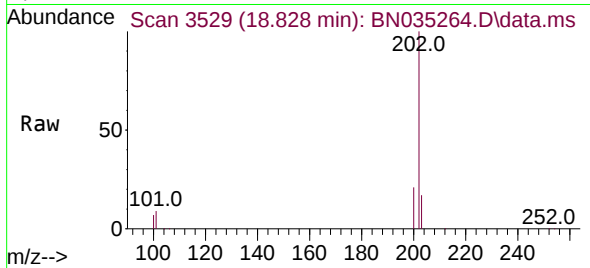
Tgt Ion:178	Resp:	14056
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.9 19.3
176	19.0	15.4 23.2





#19
Fluoranthene
Concen: 3.857 ng/u1
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

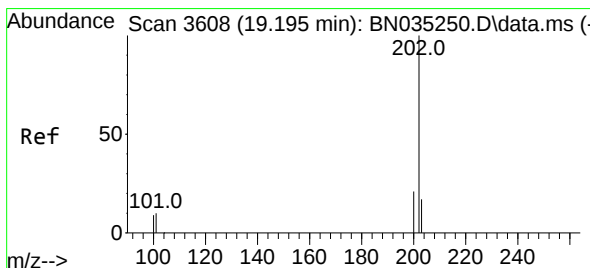
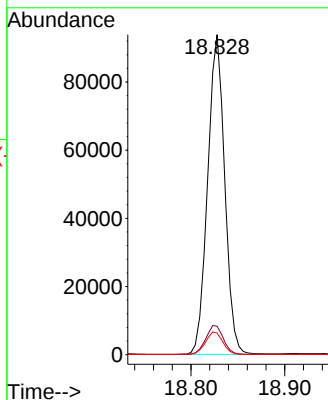
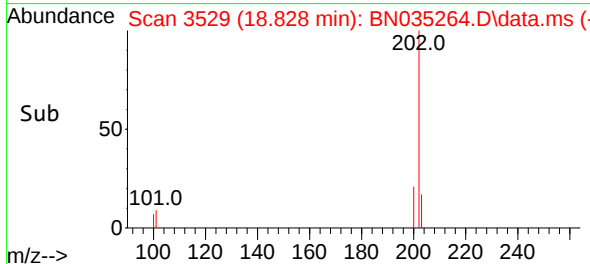
Instrument :
BNA_N
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E29X4



Tgt Ion:202 Resp: 118537
Ion Ratio Lower Upper
202 100
101 8.9 5.8 8.6#
100 6.7 4.5 6.7#

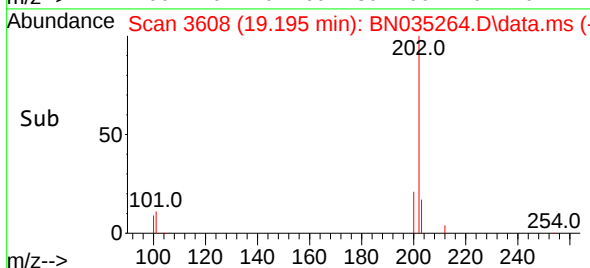
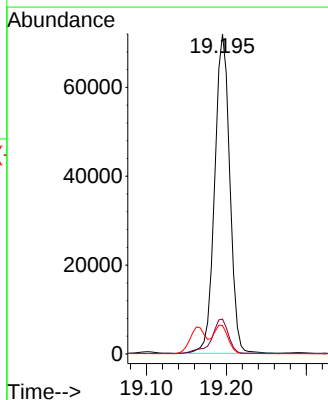
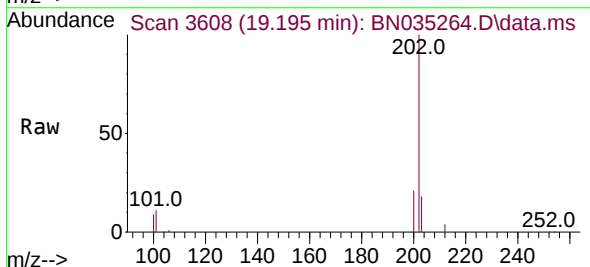
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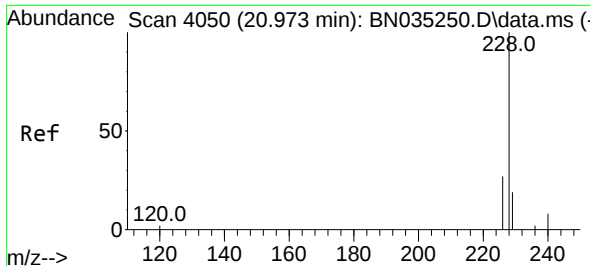
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#20
Pyrene
Concen: 2.948 ng/u1
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

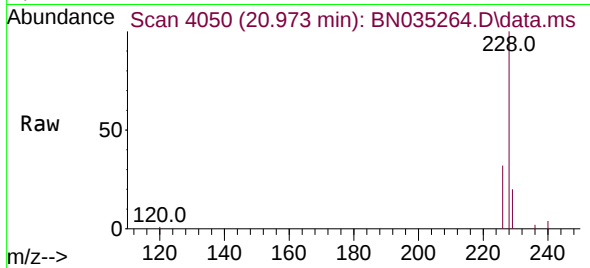
Tgt Ion:202 Resp: 94280
Ion Ratio Lower Upper
202 100
101 10.9 6.2 9.4#
100 8.9 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 1.209 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

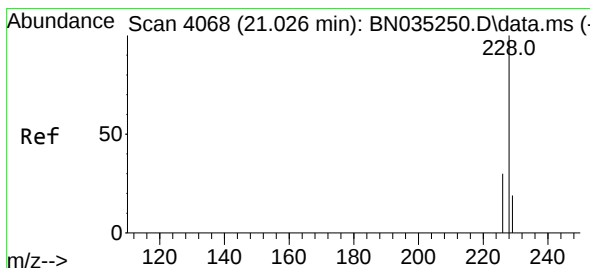
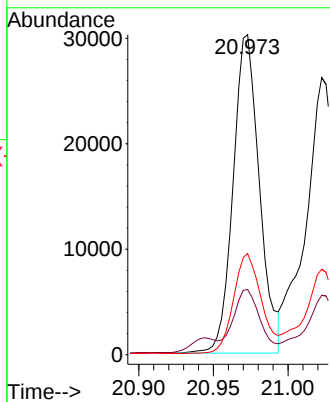
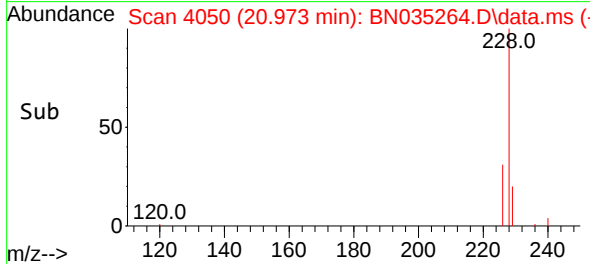
Instrument :
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E29X4



Tgt Ion:228 Resp: 37025
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 31.6 21.8 32.8

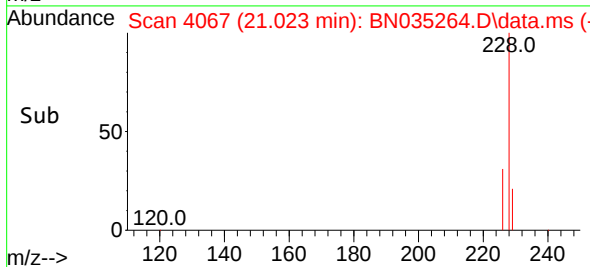
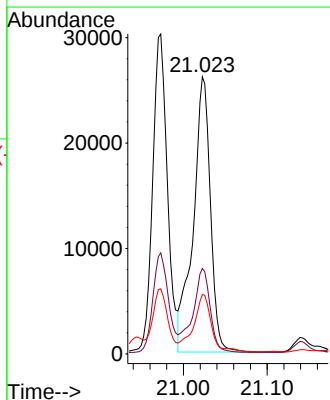
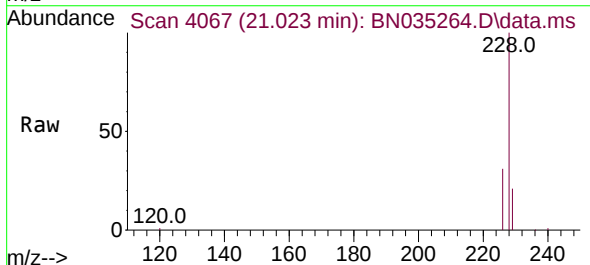
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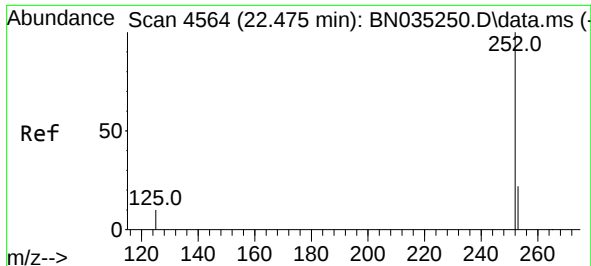
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Chrysene
Concen: 1.211 ng/ul
RT: 21.023 min Scan# 4067
Delta R.T. -0.006 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

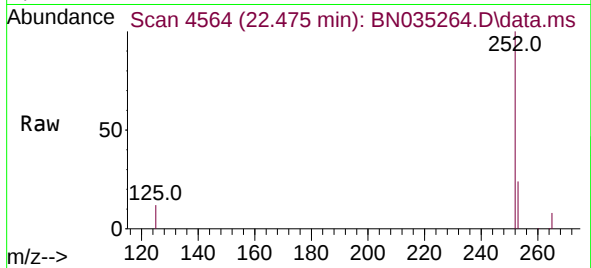
Tgt Ion:228 Resp: 37324
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 21.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.714 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

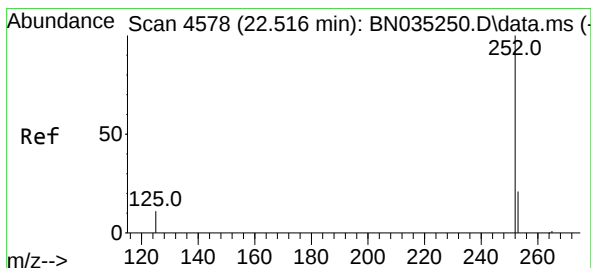
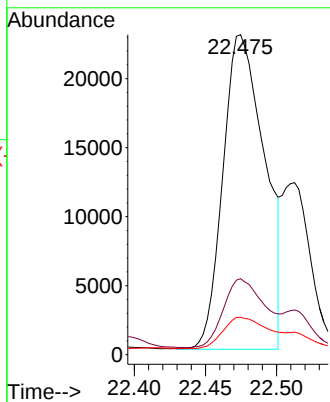
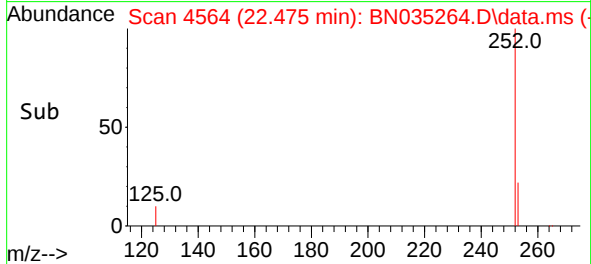
Instrument :
BNA_N
ClientSampleId :
E29X4



Tgt Ion:252 Resp: 46398
Ion Ratio Lower Upper
252 100
253 23.7 0.0 54.0
125 11.6 0.0 19.4

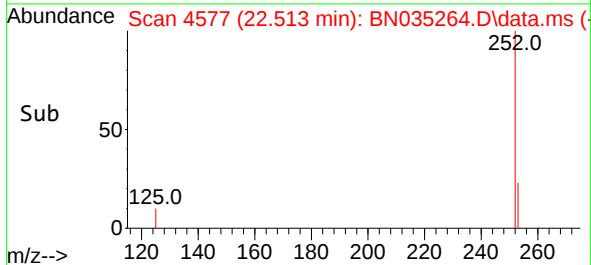
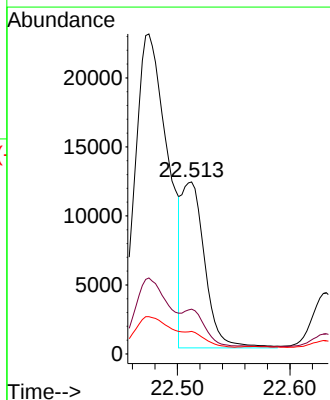
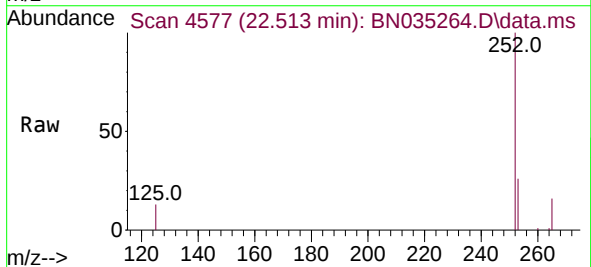
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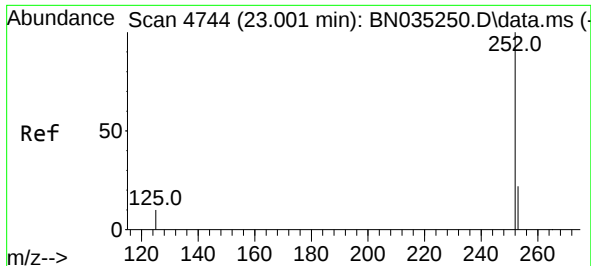
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.618 ng/ul m
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

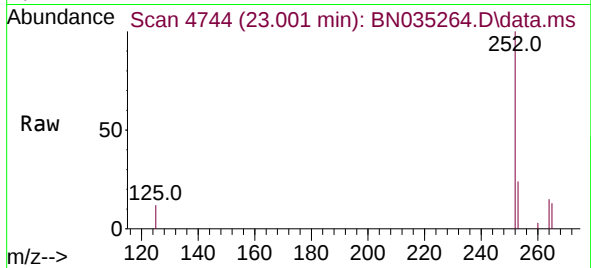
Tgt Ion:252 Resp: 17245
Ion Ratio Lower Upper
252 100
253 26.0 21.8 32.6
125 13.1 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 1.350 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

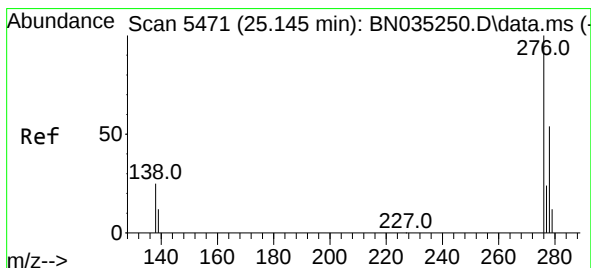
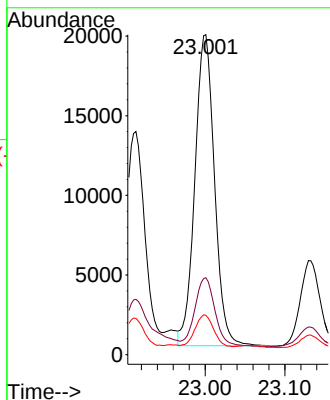
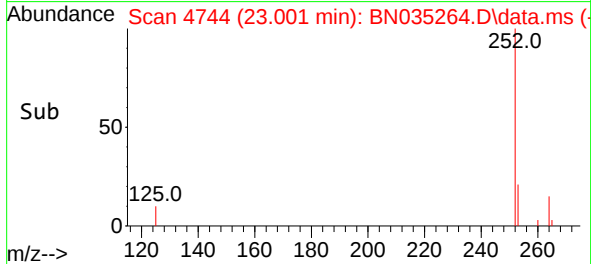
Instrument :
BNA_N
ClientSampleId :
E29X4



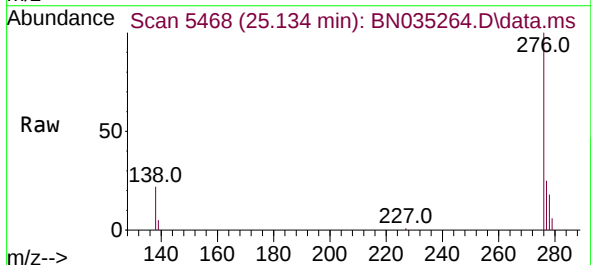
Tgt Ion:252 Resp: 3339
Ion Ratio Lower Upper
252 100
253 24.0 22.9 34.3
125 12.3 9.4 14.2

Manual Integrations
APPROVED

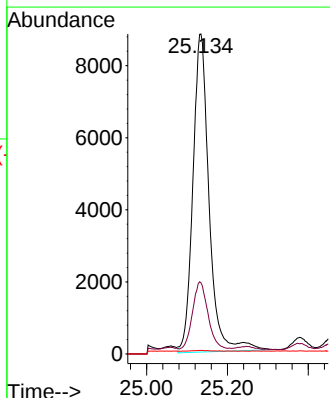
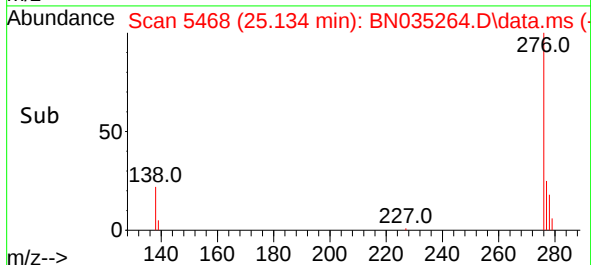
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

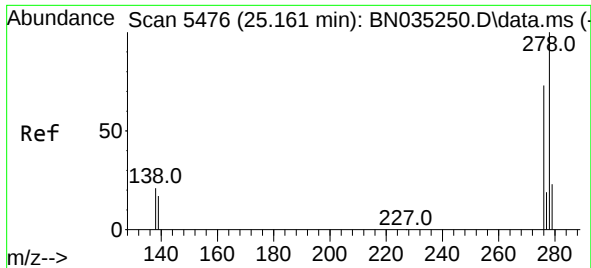


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.735 ng/ul
RT: 25.134 min Scan# 5468
Delta R.T. -0.017 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11



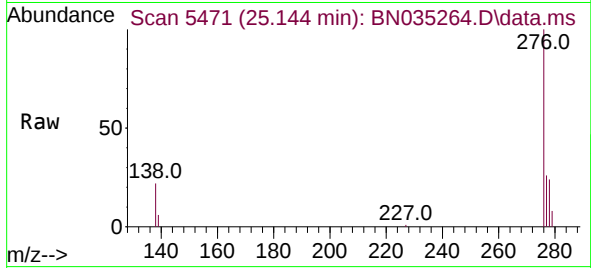
Tgt Ion:276 Resp: 24552
Ion Ratio Lower Upper
276 100
138 24.2 13.8 20.8#
227 6.4 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 25.144 min Scan# 5476
Delta R.T. -0.027 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11

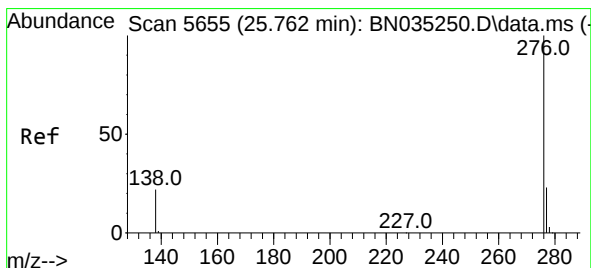
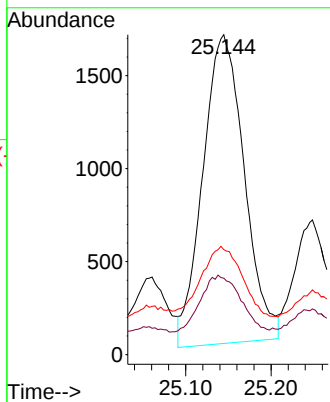
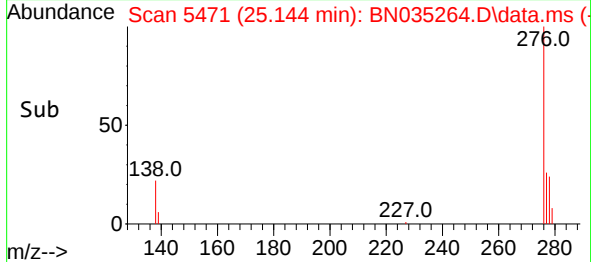
Instrument :
BNA_N
ClientSampleId :
E29X4



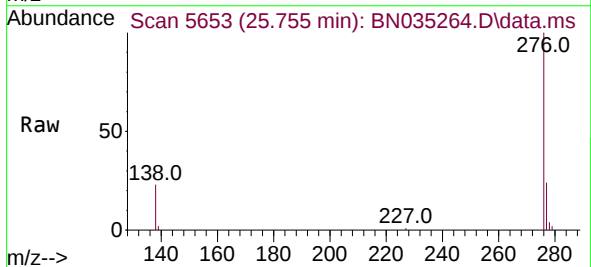
Tgt Ion:278 Resp: 5600
Ion Ratio Lower Upper
278 100
139 23.9 10.7 16.1
279 32.8 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.876 ng/ul
RT: 25.755 min Scan# 5653
Delta R.T. -0.020 min
Lab File: BN035264.D
Acq: 23 Nov 2024 05:11



Tgt Ion:276 Resp: 23066
Ion Ratio Lower Upper
276 100
138 22.5 13.0 19.6
277 24.4 20.5 30.7

