

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035564.D
 Acq On : 11 Dec 2024 13:40
 Operator : RC/JU
 Sample : P5152-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHK72MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 14:47:01 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	2277	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	6546	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4484	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9911	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	8456	0.400	ng/ul	0.00
23) Perylene-d12	23.051	264	8882	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	586	0.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3650	0.380	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	10860	0.466	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	1793	0.794	ng/ul#	83
5) Naphthalene	10.086	128	6506	0.395	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	4069	0.356	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	4116	0.357	ng/ul	98
10) Acenaphthylene	13.662	152	6319	0.355	ng/ul	99
11) Acenaphthene	14.014	153	4883	0.359	ng/ul	99
12) Fluorene	15.013	166	5790	0.362	ng/ul	97
14) Pentachlorophenol	16.379	266	1584	0.686	ng/ul	99
15) Phenanthrene	16.759	178	10231	0.390	ng/ul	100
16) Anthracene	16.848	178	9163	0.377	ng/ul	100
19) Fluoranthene	18.800	202	12573	0.427	ng/ul	97
20) Pyrene	19.167	202	13446	0.439	ng/ul	96
21) Benzo(a)anthracene	20.947	228	12659	0.431	ng/ul	99
22) Chrysene	20.999	228	12931	0.438	ng/ul	100
24) Benzo(b)fluoranthene	22.443	252	12313	0.419	ng/ul	97
25) Benzo(k)fluoranthene	22.481	252	13387m	0.442	ng/ul	
26) Benzo(a)pyrene	22.963	252	11205	0.418	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.084	276	14428	0.398	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.101	278	11617	0.409	ng/ul#	95
29) Benzo(g,h,i)perylene	25.698	276	10429	0.365	ng/ul	97

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

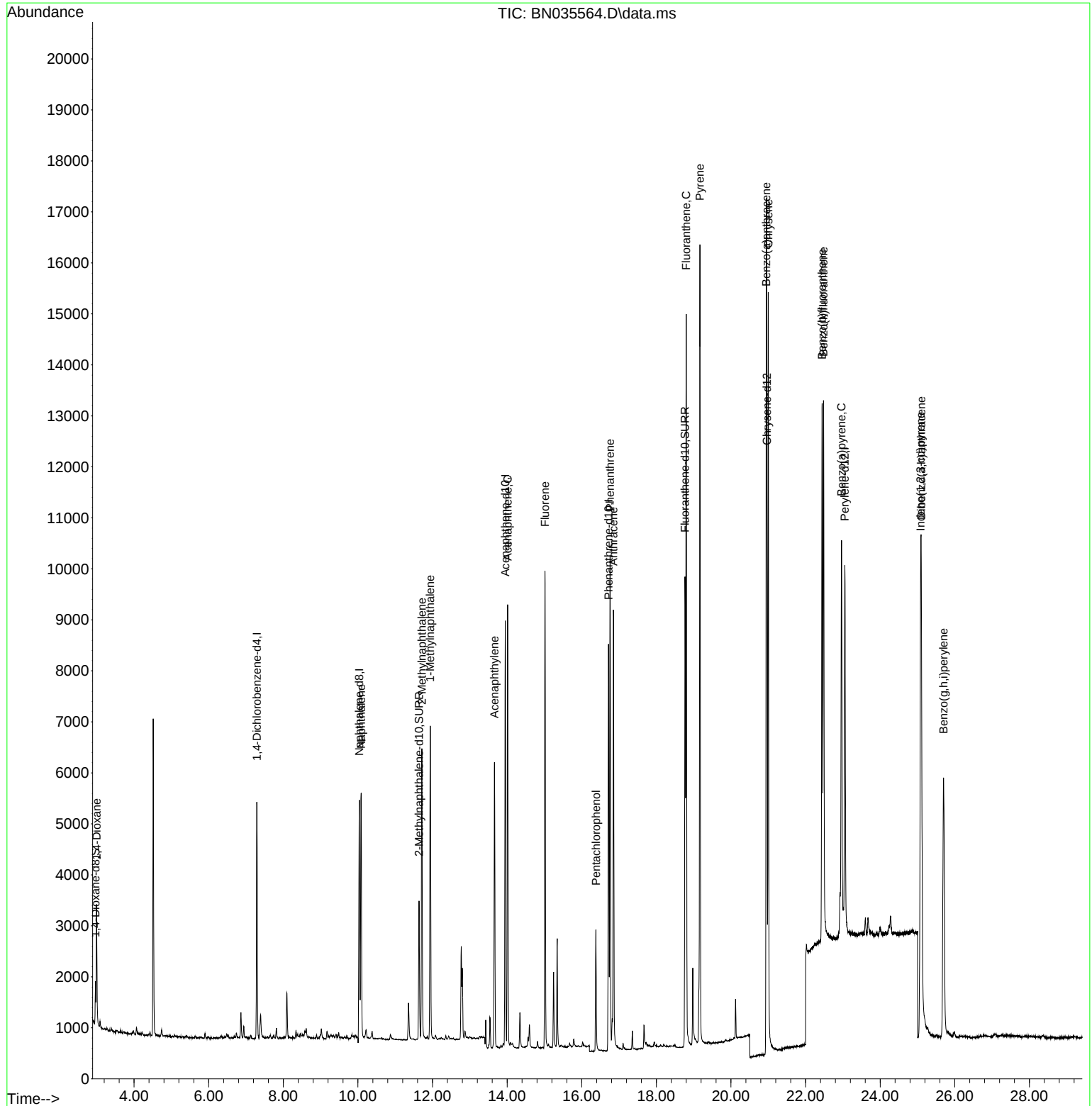
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035564.D
Acq On : 11 Dec 2024 13:40
Operator : RC/JU
Sample : P5152-02MS
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ALS Vial : 5 Sample Multiplier: 1

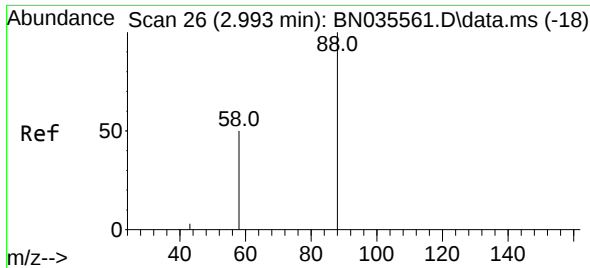
Instrument :
BNA_N
ClientSampleId :
BHK72MS

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Supervised By :mohammad ahmed 12/12/2024

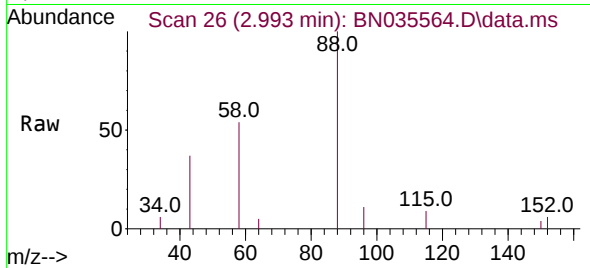
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.794 ng/ul
RT: 2.993 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

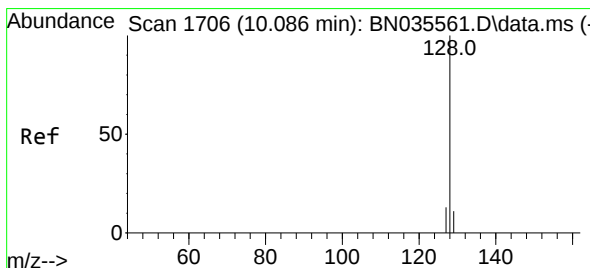
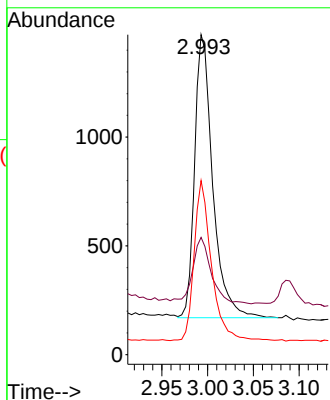
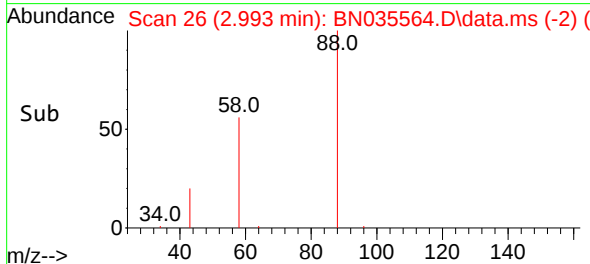
Instrument :
BNA_N
ClientSampleId :
BHK72MS



Tgt Ion: 88 Resp: 179
Ion Ratio Lower Upper
88 100
43 36.6 20.6 31.0
58 54.4 36.2 54.4

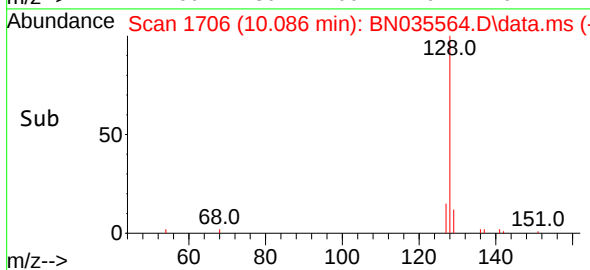
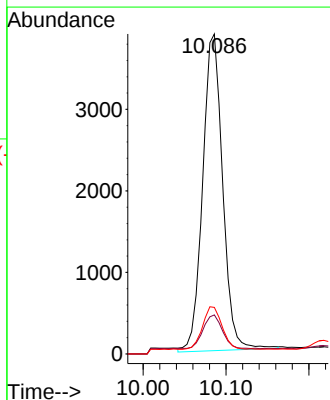
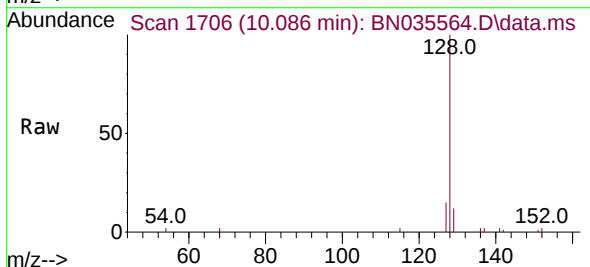
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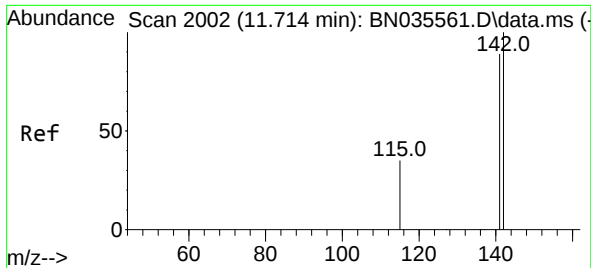
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

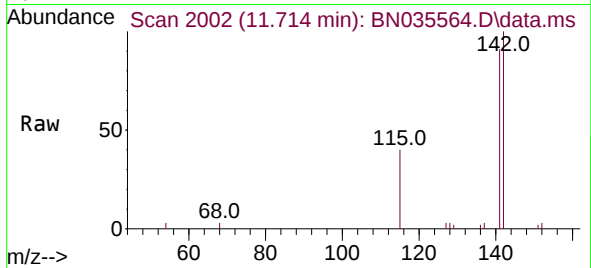
Tgt Ion:128 Resp: 6506
Ion Ratio Lower Upper
128 100
129 12.2 9.9 14.9
127 14.5 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

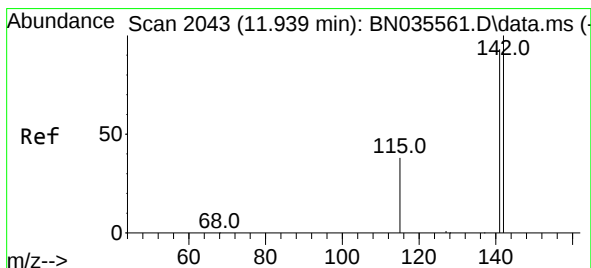
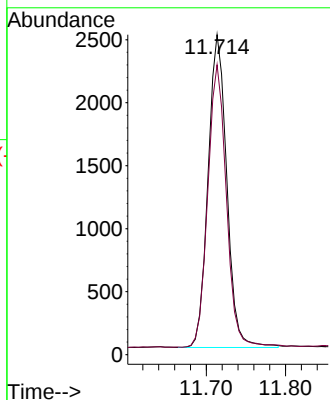
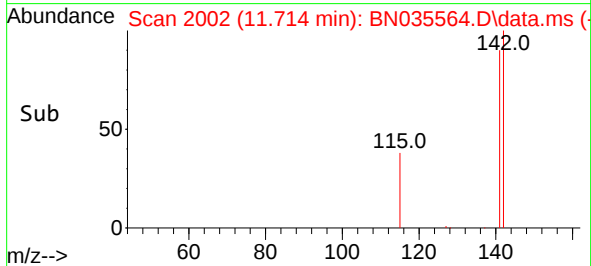
Instrument :
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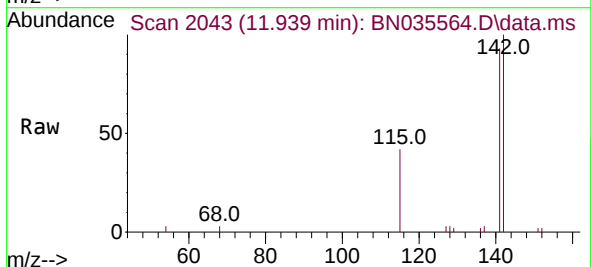
Tgt Ion:142 Resp: 4069
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6

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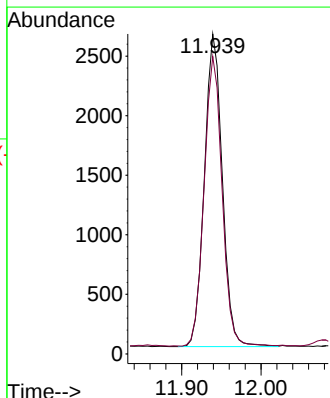
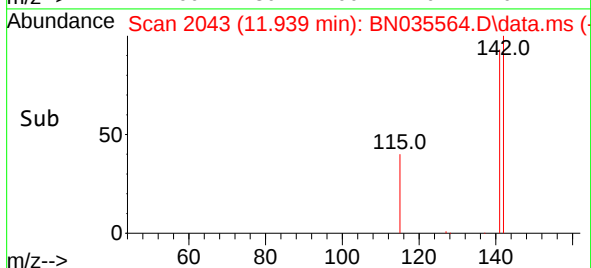
Reviewed By :Yogesh Patel 12/12/2024
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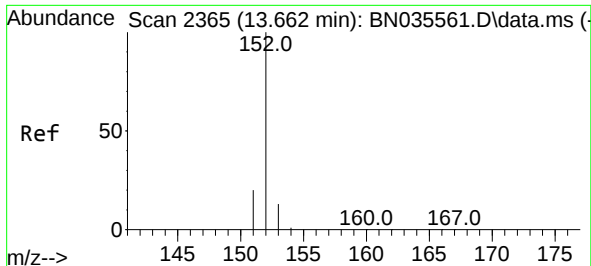


#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40



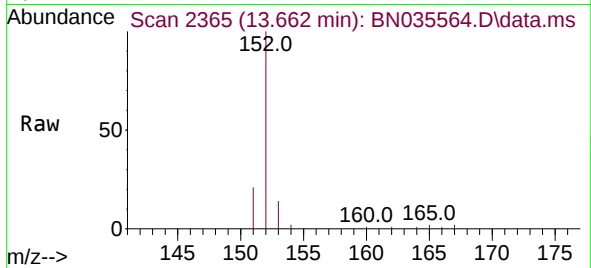
Tgt Ion:142 Resp: 4116
Ion Ratio Lower Upper
142 100
141 93.2 73.1 109.7





#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

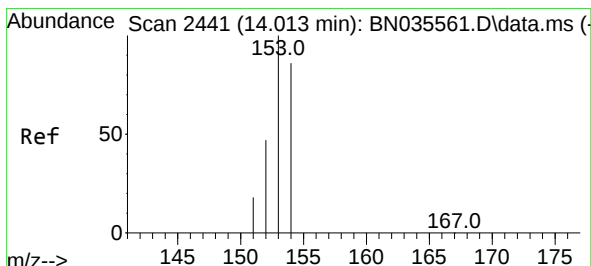
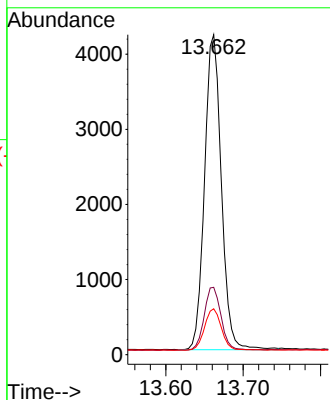
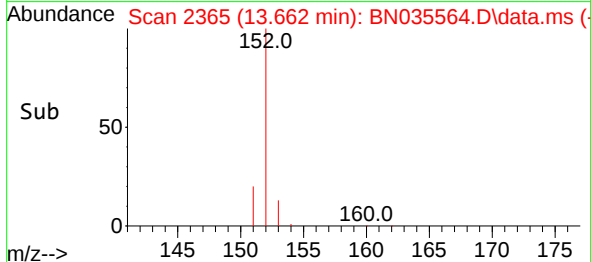
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 6319
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.4 11.1 16.7

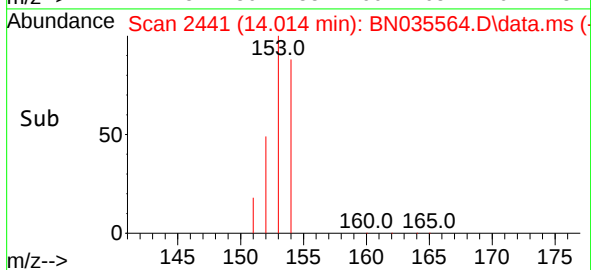
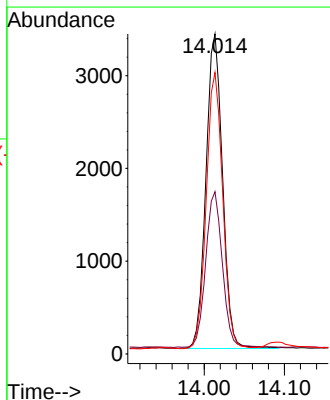
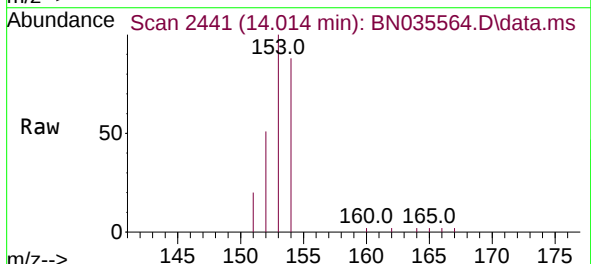
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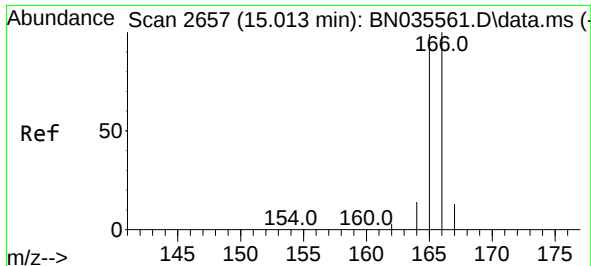
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

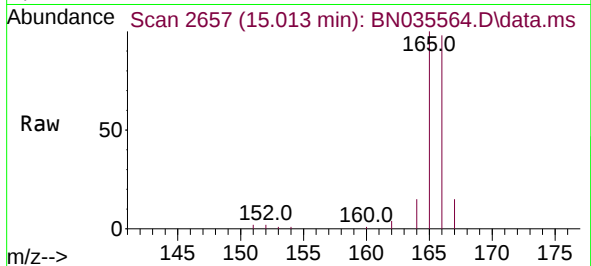
Tgt Ion:153 Resp: 4883
Ion Ratio Lower Upper
153 100
152 50.7 41.4 62.0
154 88.0 71.2 106.8





#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.013 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

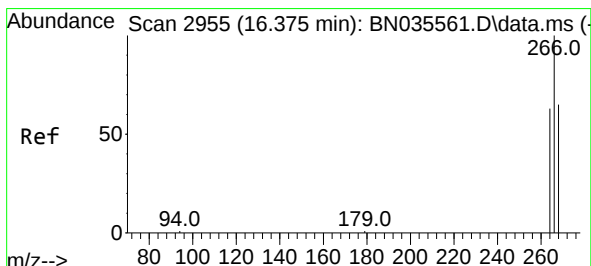
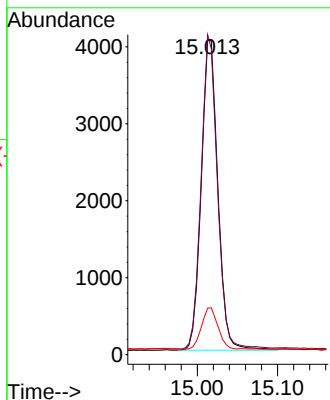
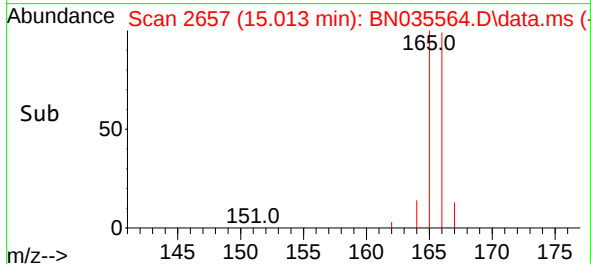
Instrument :
BNA_N
ClientSampleId :
BHK72MS



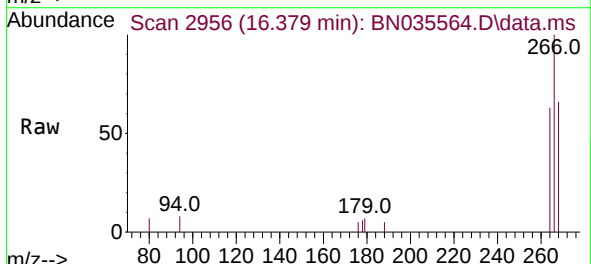
Tgt Ion:166 Resp: 5790
Ion Ratio Lower Upper
166 100
165 101.5 78.6 118.0
167 14.7 11.8 17.6

Manual Integrations
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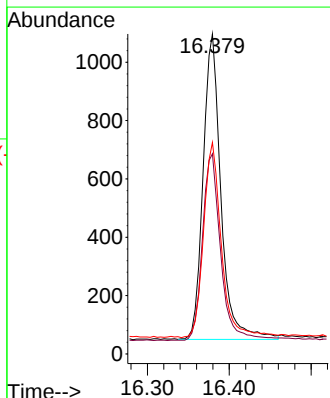
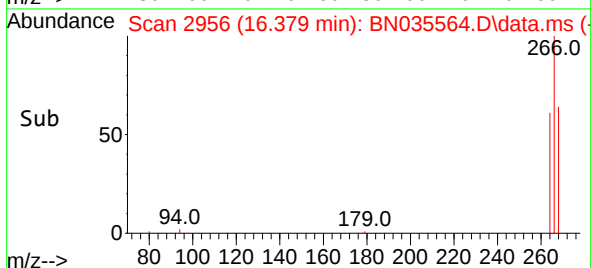
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Supervised By :mohammad ahmed 12/12/2024

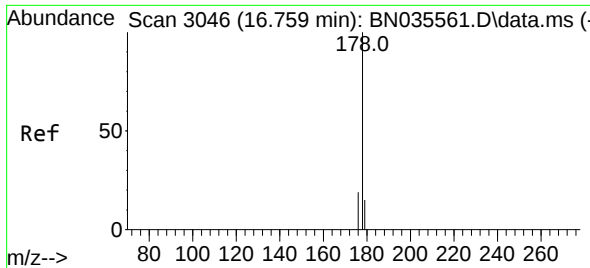


#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 16.379 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40



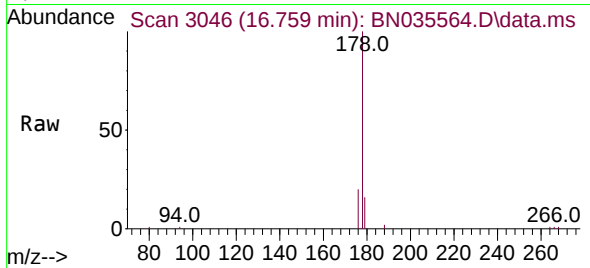
Tgt Ion:266 Resp: 1584
Ion Ratio Lower Upper
266 100
264 62.6 51.8 77.6
268 64.2 51.3 76.9





#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

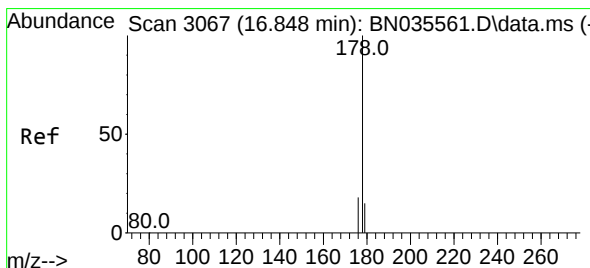
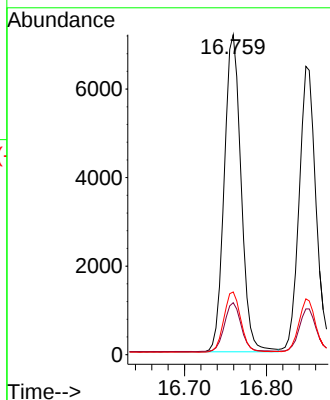
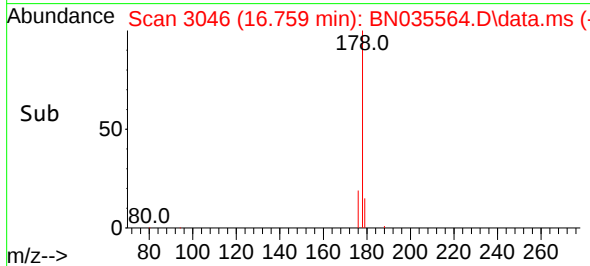
Instrument :
BNA_N
ClientSampleId :
BHK72MS



Tgt Ion:178 Resp: 1023
Ion Ratio Lower Upper
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179 16.3 12.9 19.3
176 19.6 15.6 23.4

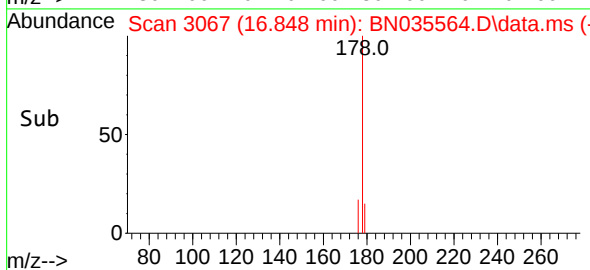
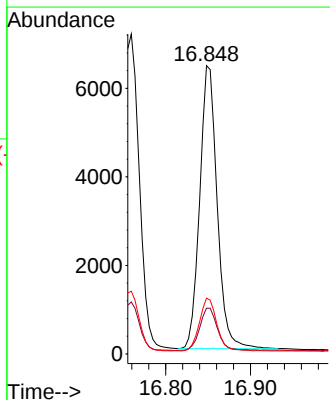
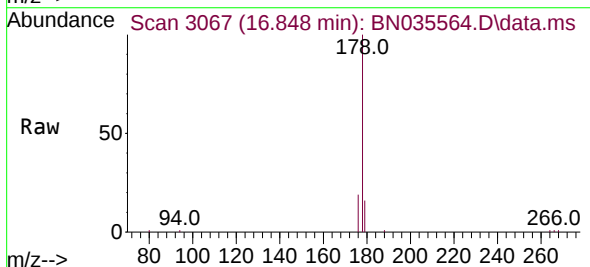
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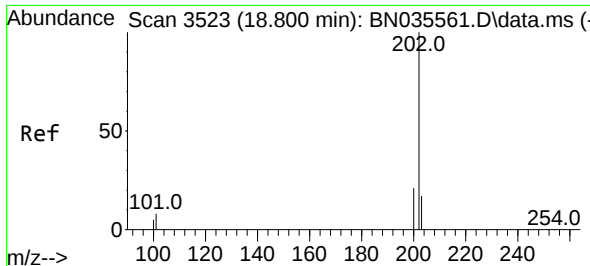
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.377 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

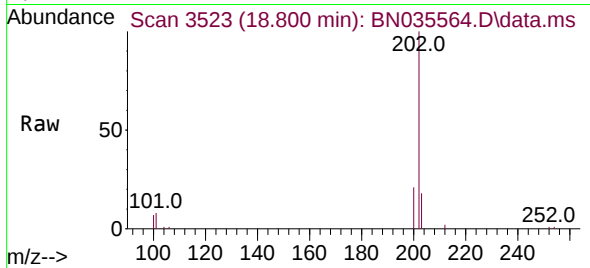
Tgt Ion:178 Resp: 9163
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.3 15.4 23.2





#19
Fluoranthene
Concen: 0.427 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

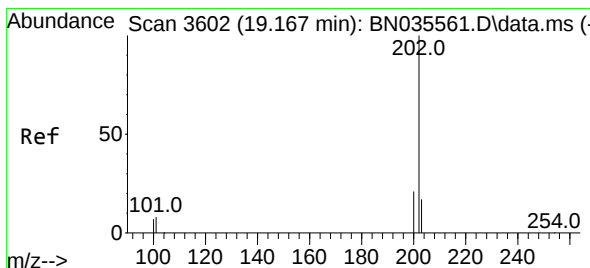
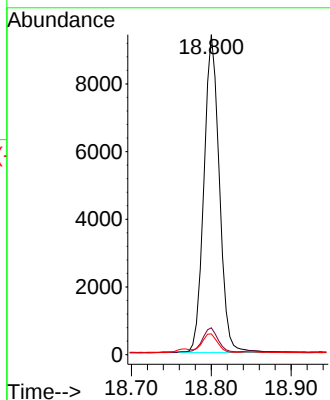
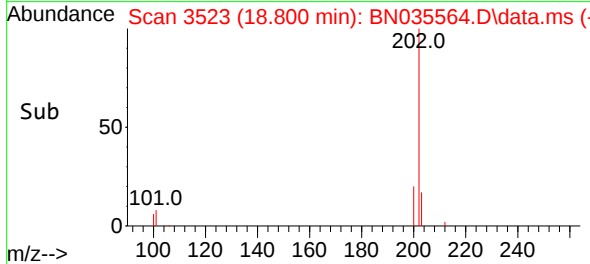
Instrument :
BNA_N
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BHK72MS



Tgt Ion:202 Resp: 1257
Ion Ratio Lower Upper
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101 8.4 5.8 8.6
100 6.5 4.5 6.7

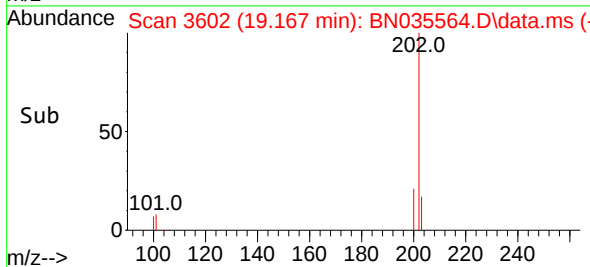
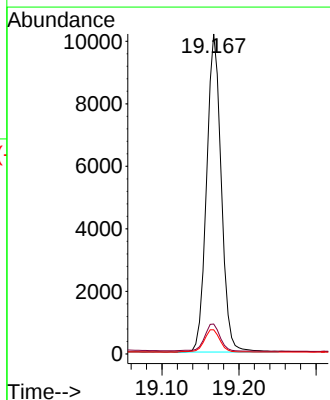
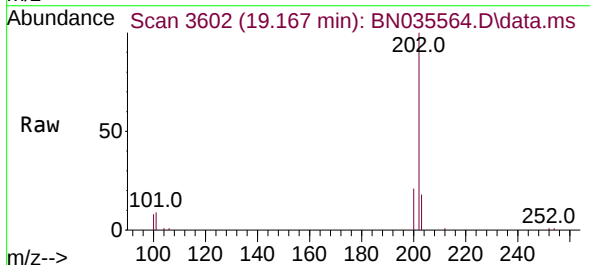
Manual Integrations
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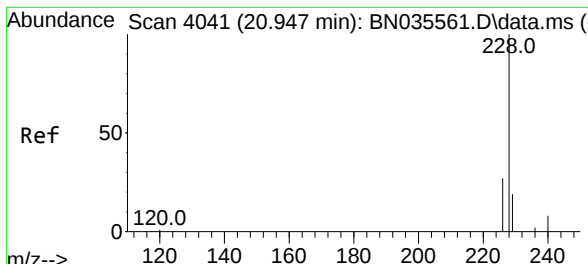
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.439 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

Tgt Ion:202 Resp: 13446
Ion Ratio Lower Upper
202 100
101 9.3 6.2 9.4
100 7.6 5.1 7.7





#21
Benzo(a)anthracene
Concen: 0.431 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

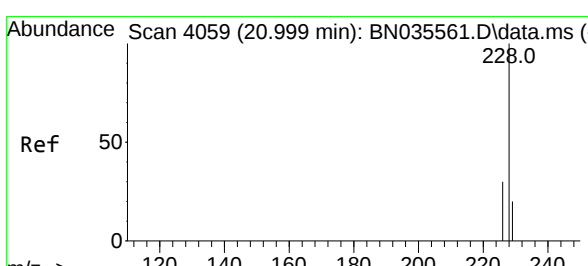
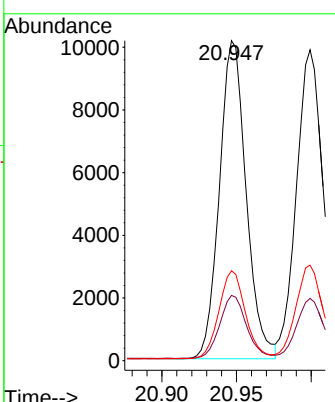
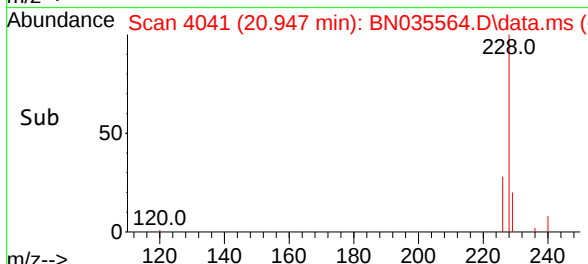
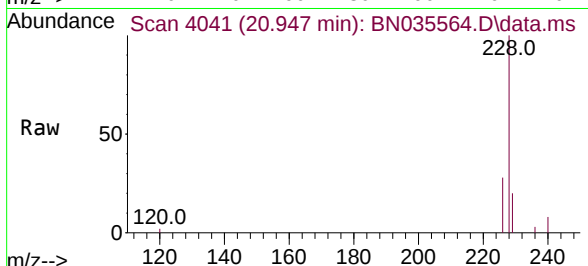
Instrument :
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Tgt Ion:228 Resp: 12659

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	28.1	21.8	32.8

Manual Integrations
APPROVED

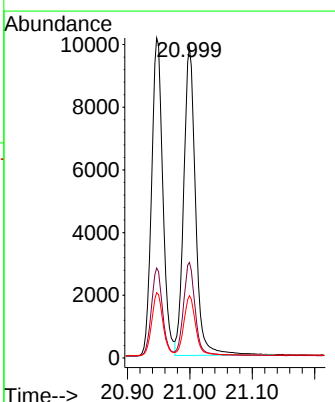
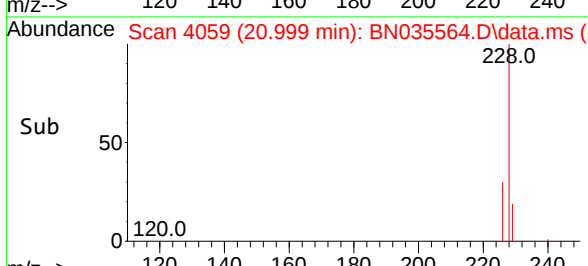
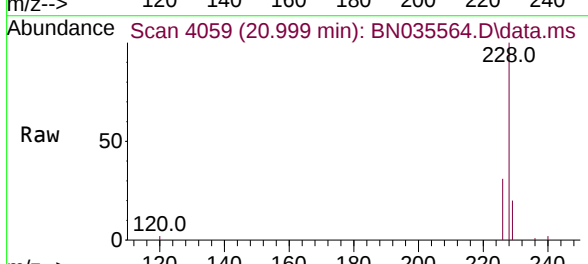
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

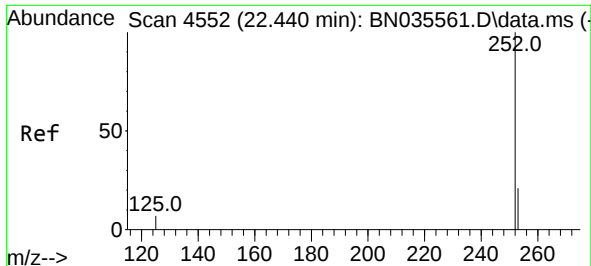


#22
Chrysene
Concen: 0.438 ng/ul
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

Tgt Ion:228 Resp: 12931

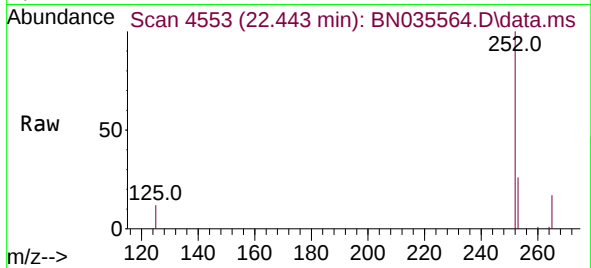
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.0	16.0	24.0





#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.443 min Scan# 4552
Delta R.T. 0.003 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

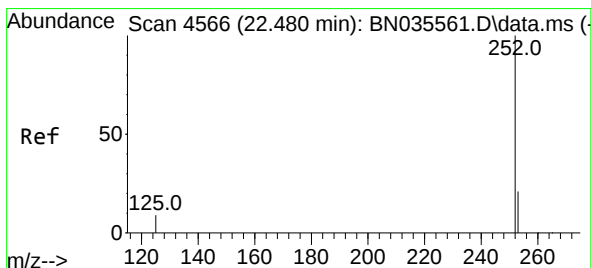
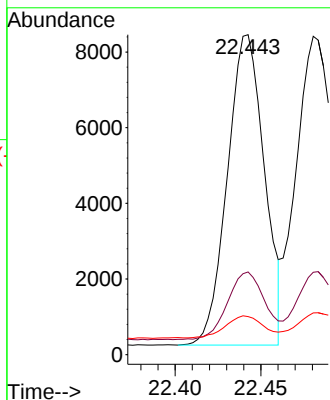
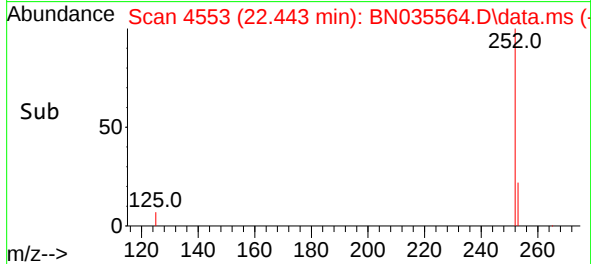
Instrument :
BNA_N
ClientSampleId :
BHK72MS



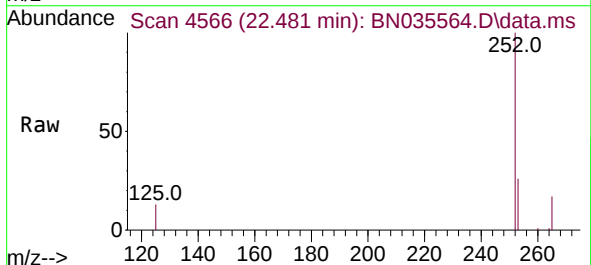
Tgt Ion:252 Resp: 12311
Ion Ratio Lower Upper
252 100
253 25.8 0.0 54.0
125 11.9 0.0 19.4

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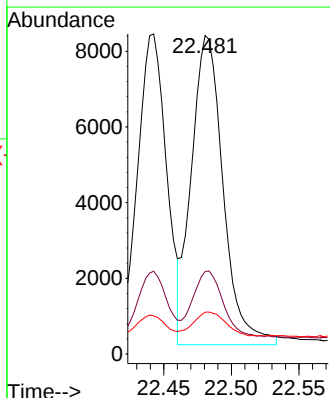
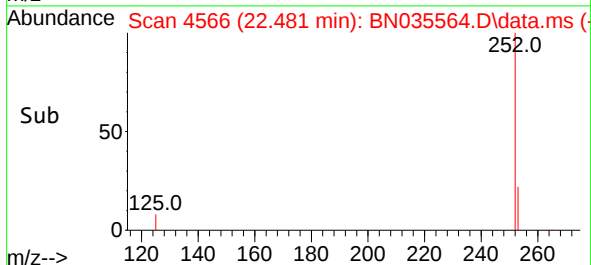
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

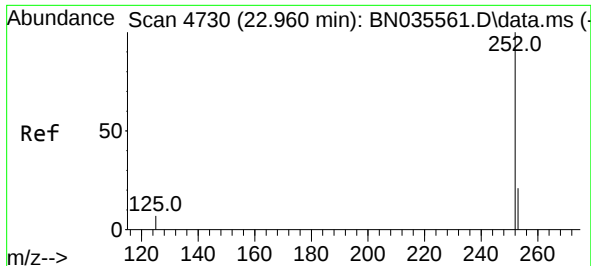


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul m
RT: 22.481 min Scan# 4566
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40



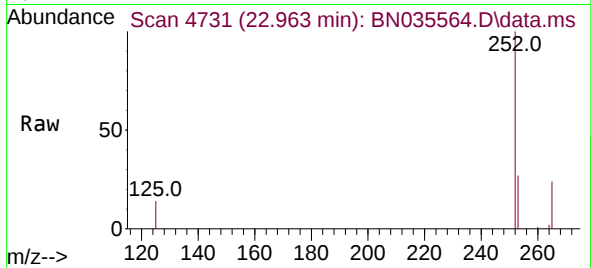
Tgt Ion:252 Resp: 13387
Ion Ratio Lower Upper
252 100
253 25.9 21.8 32.6
125 13.1 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

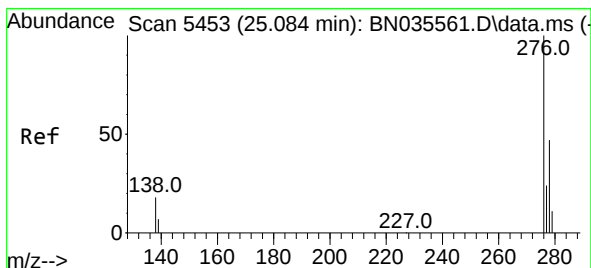
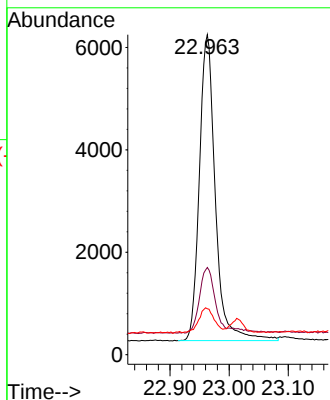
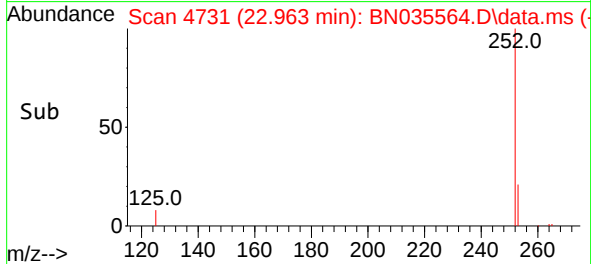
Instrument :
BNA_N
ClientSampleId :
BHK72MS



Tgt Ion:252 Resp: 11209
Ion Ratio Lower Upper
252 100
253 27.2 22.9 34.3
125 14.4 9.4 14.2

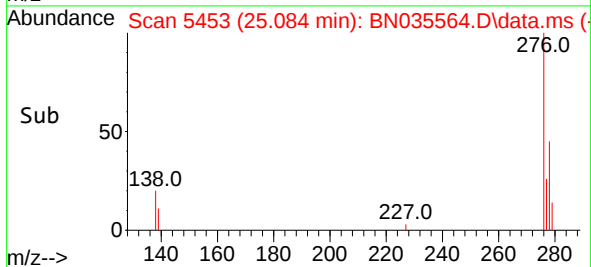
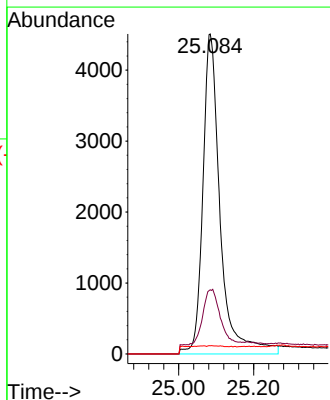
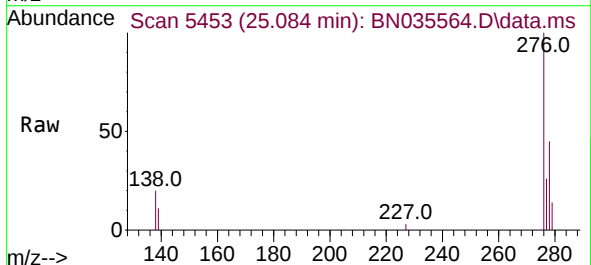
Manual Integrations
APPROVED

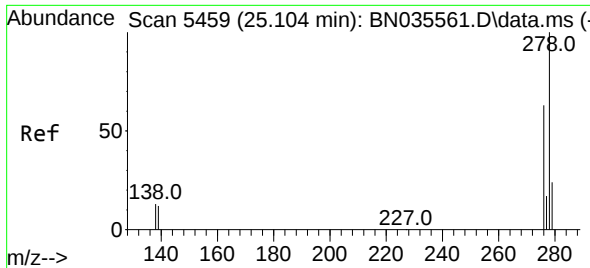
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 25.084 min Scan# 5453
Delta R.T. 0.003 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

Tgt Ion:276 Resp: 14428
Ion Ratio Lower Upper
276 100
138 16.4 13.8 20.8
227 0.0 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.101 min Scan# 5459
Delta R.T. 0.000 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

Instrument :

BNA_N

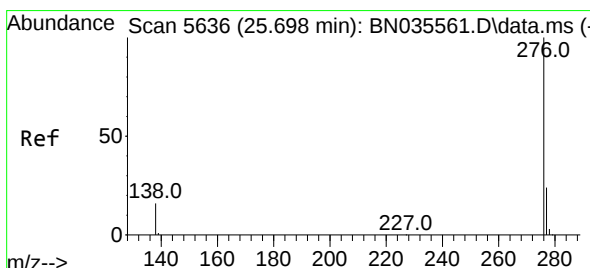
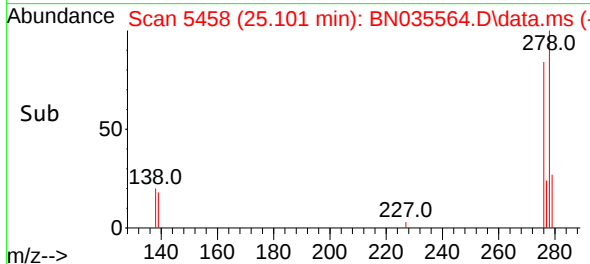
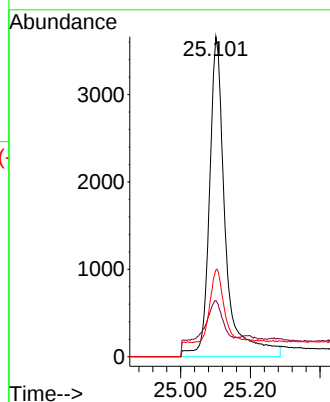
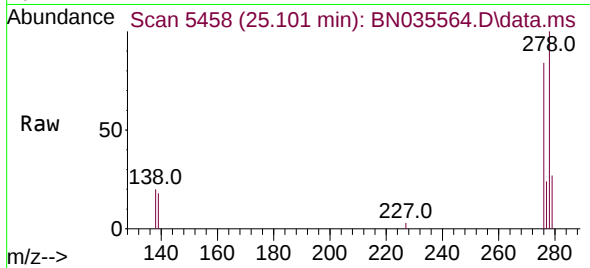
ClientSampleId :

BHK72MS

Tgt Ion:278 Resp: 1161
Ion Ratio Lower Upper
278 100
139 17.6 10.7 16.1
279 27.1 22.8 34.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.007 min
Lab File: BN035564.D
Acq: 11 Dec 2024 13:40

Tgt Ion:276 Resp: 10429
Ion Ratio Lower Upper
276 100
138 19.4 13.0 19.6
277 25.5 20.5 30.7

