

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035552.D
 Acq On : 11 Dec 2024 04:06
 Operator : RC/JU
 Sample : P5066-21MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N8MS

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 04:28:43 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	3490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	9749	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.949	164	6337	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11114	0.400	ng/ul #	0.00
17) Chrysene-d12	20.961	240	7282	0.400	ng/ul #	0.00
23) Perylene-d12	23.057	264	7625	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1452	0.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	4625	0.324	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	9129m	0.454	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	4218	1.218	ng/ul	91
5) Naphthalene	10.086	128	8256	0.336	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	7063	0.415	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	6814	0.396	ng/ul	96
10) Acenaphthylene	13.662	152	8194	0.326	ng/ul	93
11) Acenaphthene	14.014	153	6474	0.337	ng/ul	97
12) Fluorene	15.013	166	8818	0.391	ng/ul#	90
14) Pentachlorophenol	16.384	266	60	0.023	ng/ul#	1
15) Phenanthrene	16.755	178	29420	1.001	ng/ul#	86
16) Anthracene	16.848	178	9753	0.358	ng/ul#	71
19) Fluoranthene	18.800	202	16669	0.657	ng/ul#	90
20) Pyrene	19.167	202	17110	0.648	ng/ul#	90
21) Benzo(a)anthracene	20.947	228	10071	0.399	ng/ul#	54
22) Chrysene	20.999	228	15839	0.623	ng/ul#	62
24) Benzo(b)fluoranthene	22.443	252	11063	0.439	ng/ul#	1
25) Benzo(k)fluoranthene	22.484	252	9991	0.384	ng/ul#	1
26) Benzo(a)pyrene	22.966	252	9316	0.404	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.084	276	11474m	0.369	ng/ul	
28) Dibenzo(a,h)anthracene	25.104	278	8218m	0.337	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	9926	0.405	ng/ul#	67

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

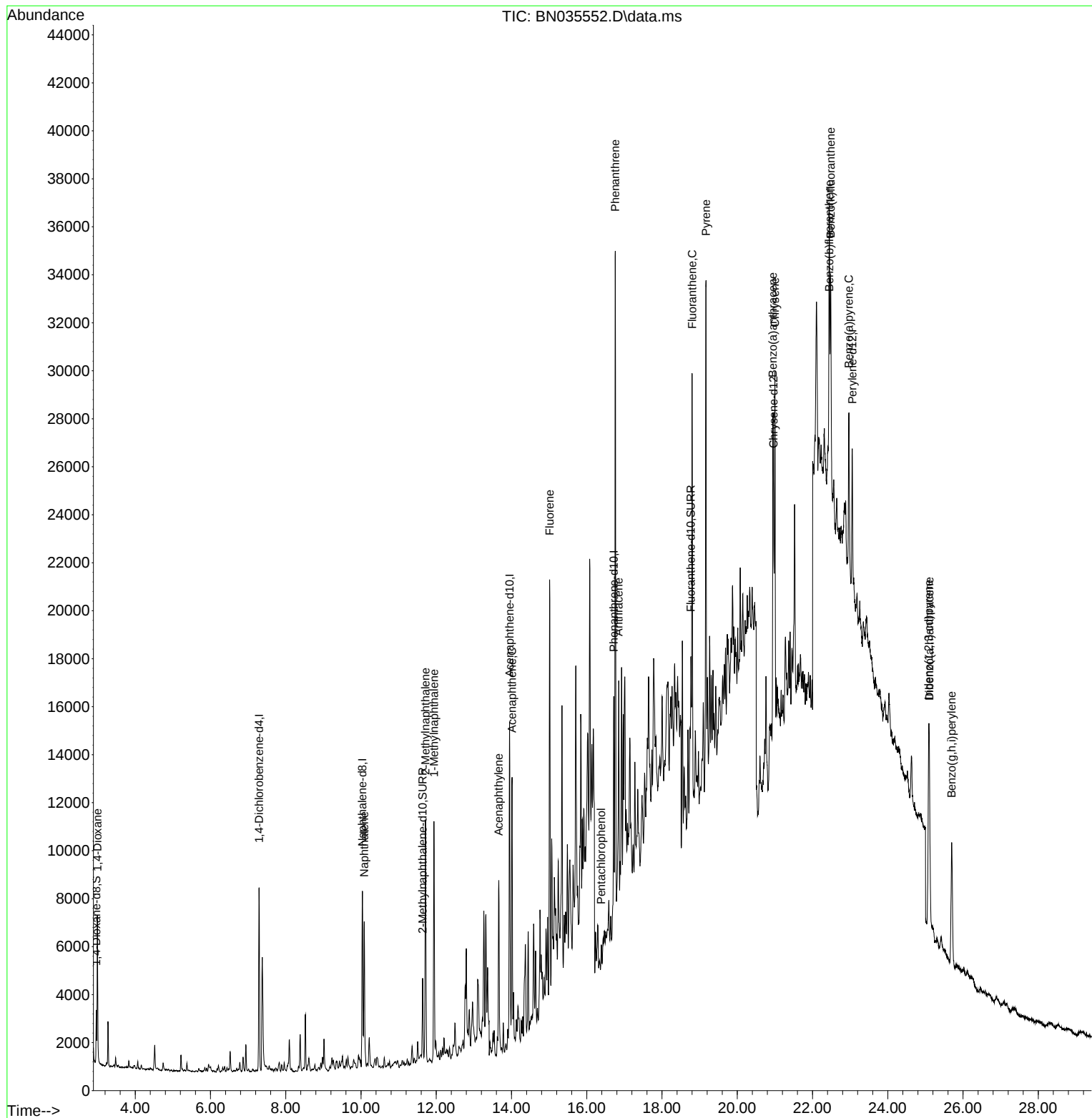
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035552.D
Acq On : 11 Dec 2024 04:06
Operator : RC/JU
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ALS Vial : 23 Sample Multiplier: 1

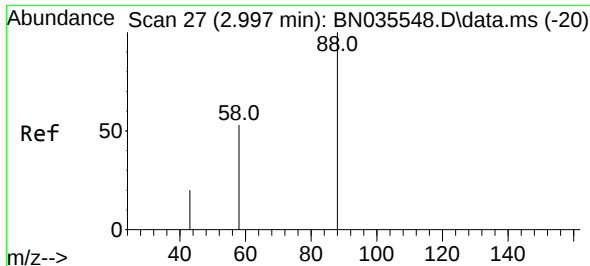
Instrument :
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Quant Time: Dec 11 04:28:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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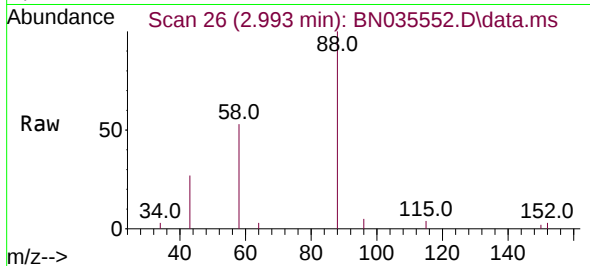
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024





#2
1,4-Dioxane
Concen: 1.218 ng/ul
RT: 2.993 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

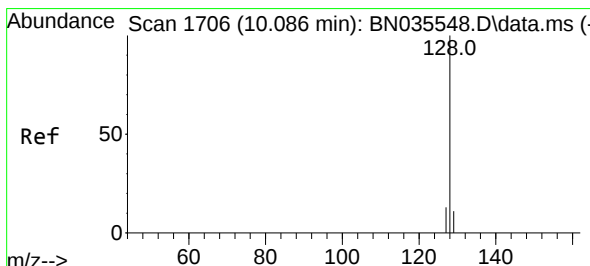
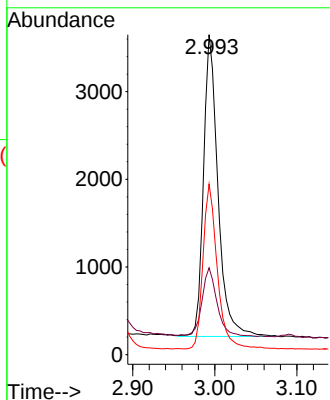
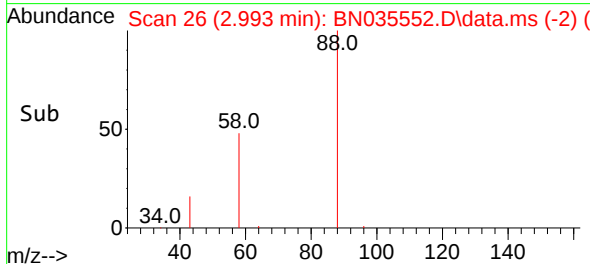
Instrument :
BNA_N
ClientSampleId :
E28N8MS



Tgt Ion: 88 Resp: 4218
Ion Ratio Lower Upper
88 100
43 27.2 20.6 31.0
58 53.3 36.2 54.4

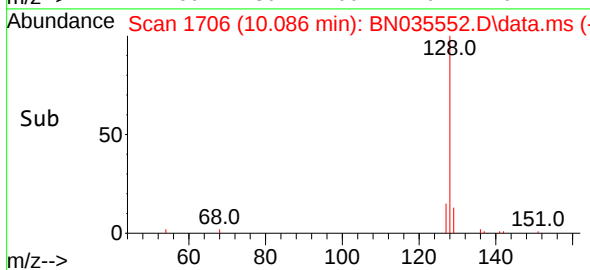
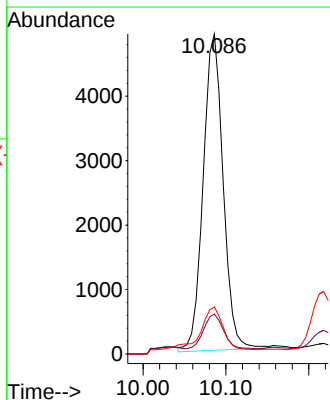
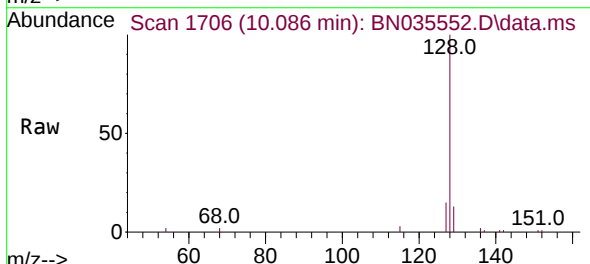
Manual Integrations
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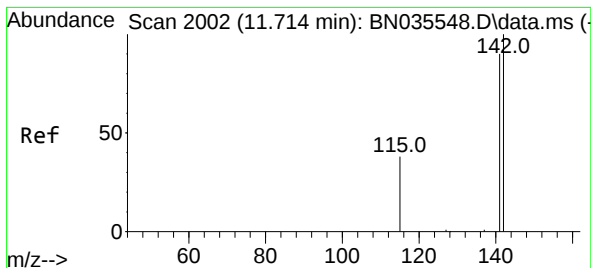
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

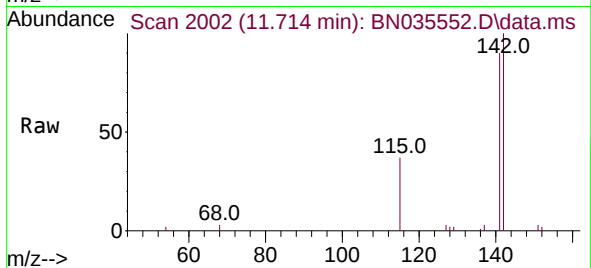
Tgt Ion:128 Resp: 8256
Ion Ratio Lower Upper
128 100
129 12.5 9.9 14.9
127 14.7 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

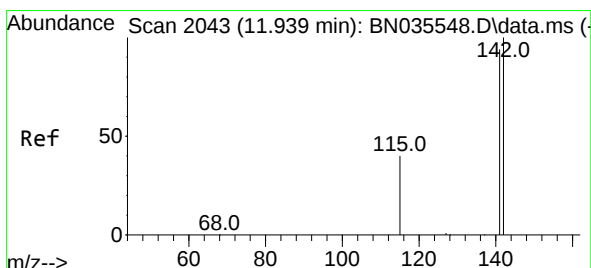
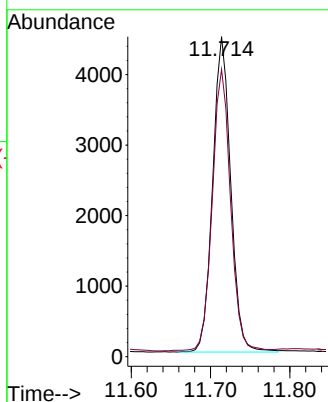
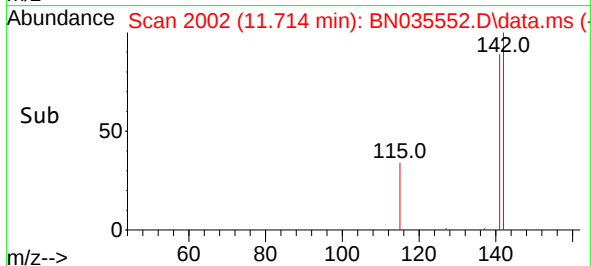
Instrument :
BNA_N
ClientSampleId :
E28N8MS



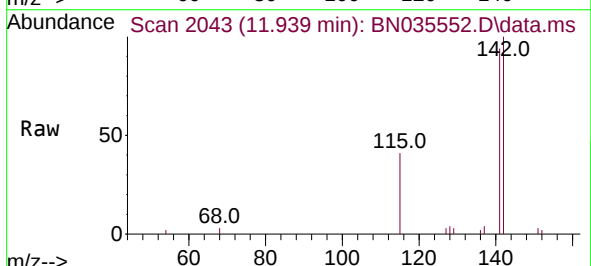
Tgt Ion:142 Resp: 7063
Ion Ratio Lower Upper
142 100
141 90.6 70.4 105.6

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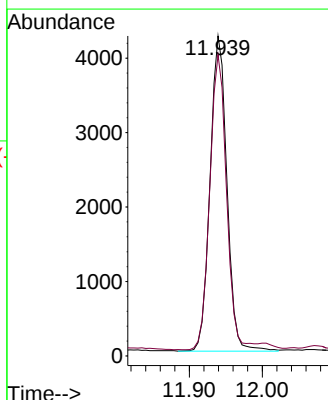
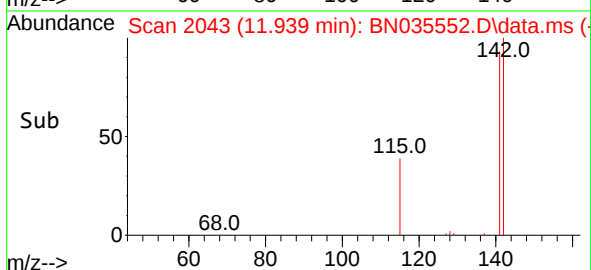
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

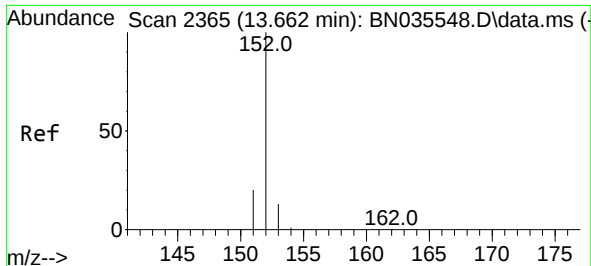


#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06



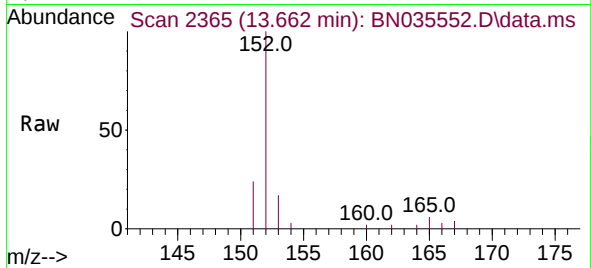
Tgt Ion:142 Resp: 6814
Ion Ratio Lower Upper
142 100
141 95.1 73.1 109.7





#10
Acenaphthylene
Concen: 0.326 ng/u1
RT: 13.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

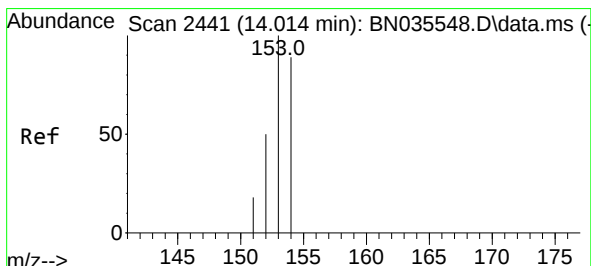
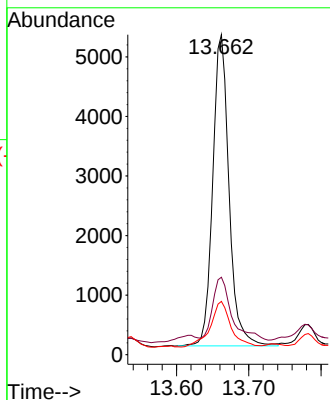
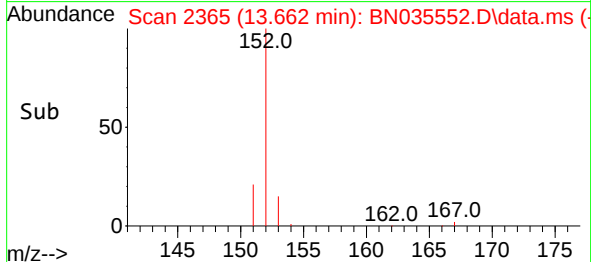
Instrument :
BNA_N
ClientSampleId :
E28N8MS



Tgt Ion:152 Resp: 8194
Ion Ratio Lower Upper
152 100
151 24.2 16.4 24.6
153 16.6 11.1 16.7

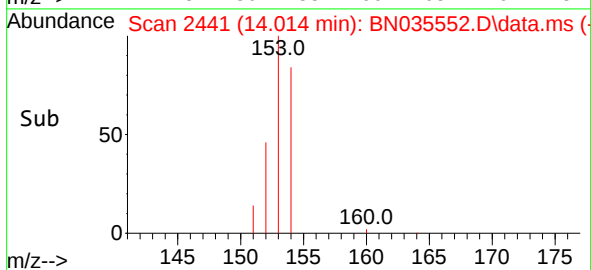
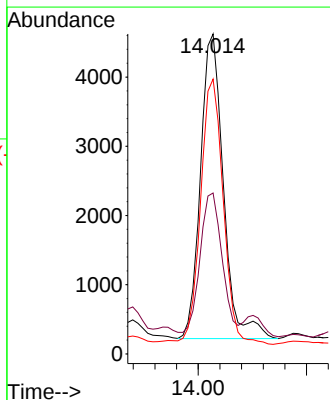
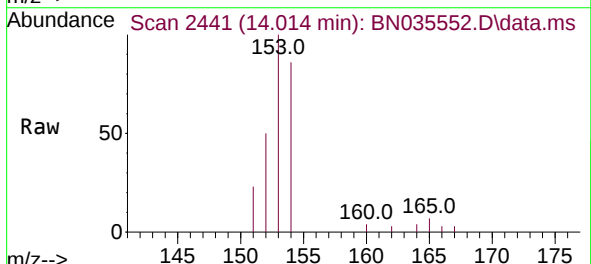
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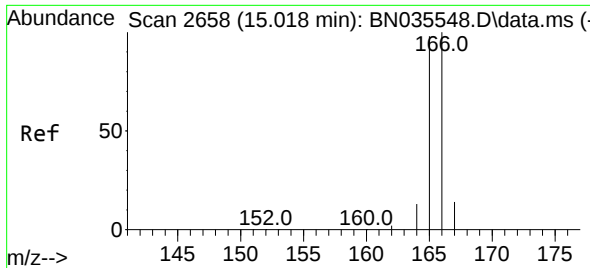
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#11
Acenaphthene
Concen: 0.337 ng/u1
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

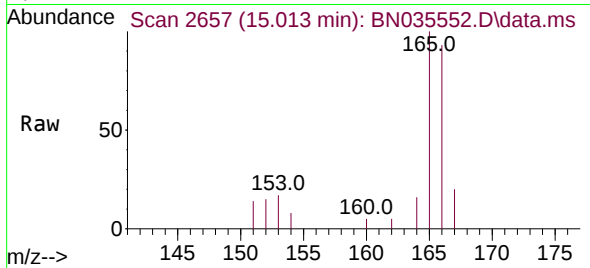
Tgt Ion:153 Resp: 6474
Ion Ratio Lower Upper
153 100
152 50.3 41.4 62.0
154 85.9 71.2 106.8





#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.013 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

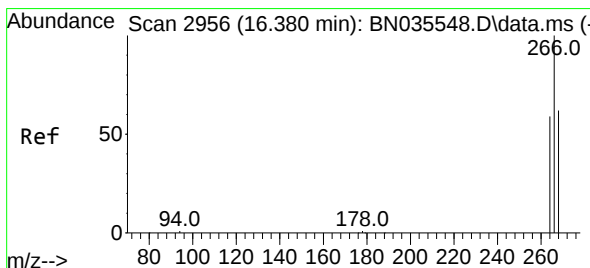
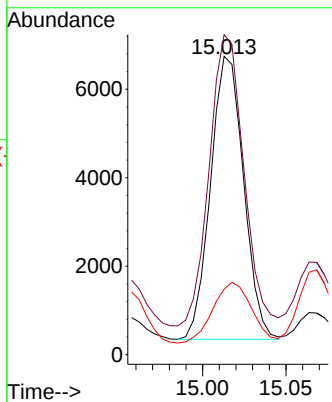
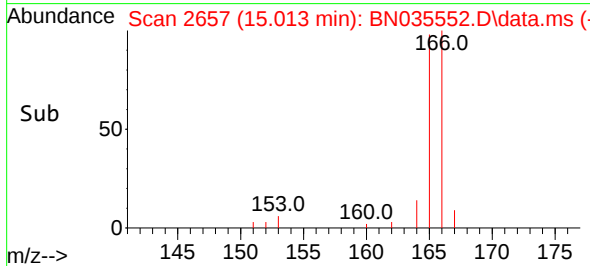
Instrument :
BNA_N
ClientSampleId :
E28N8MS



Tgt Ion:166 Resp: 8818
Ion Ratio Lower Upper
166 100
165 107.2 78.6 118.0
167 22.0 11.8 17.6

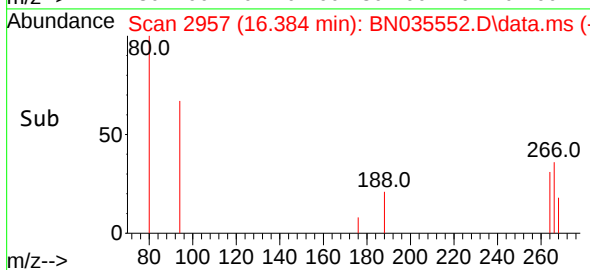
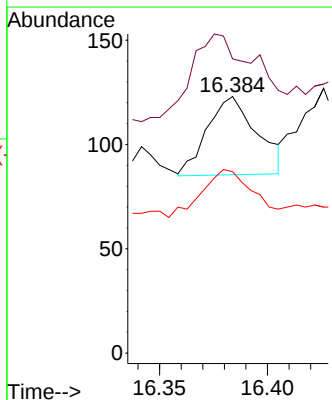
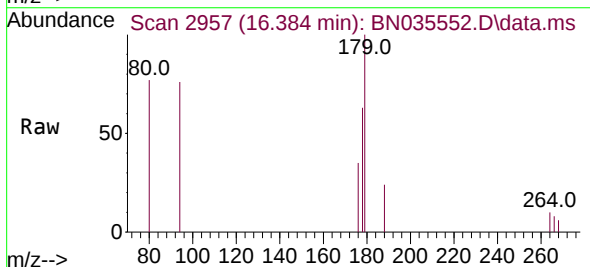
Manual Integrations
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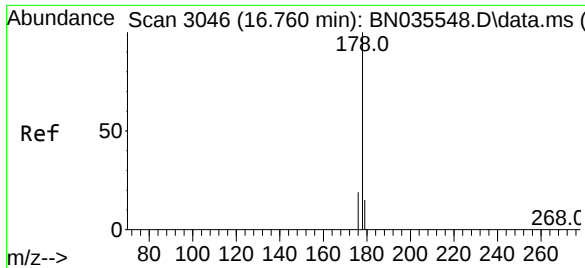
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.384 min Scan# 2957
Delta R.T. 0.004 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

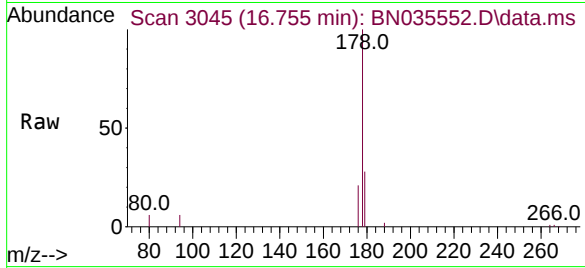
Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
264 275.0 51.8 77.6#
268 61.7 51.3 76.9





#15
Phenanthrene
Concen: 1.001 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

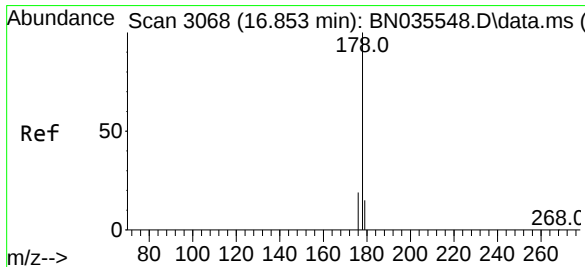
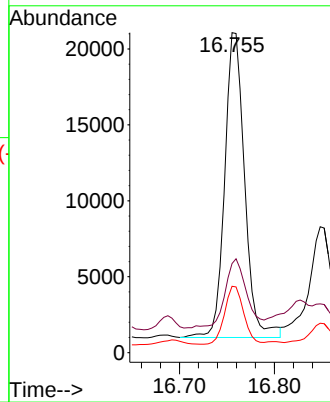
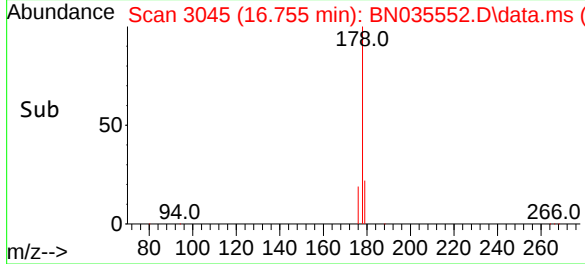
Instrument :
BNA_N
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E28N8MS



Tgt Ion:178 Resp: 29420
Ion Ratio Lower Upper
178 100
179 27.9 12.9 19.3#
176 20.7 15.6 23.4#

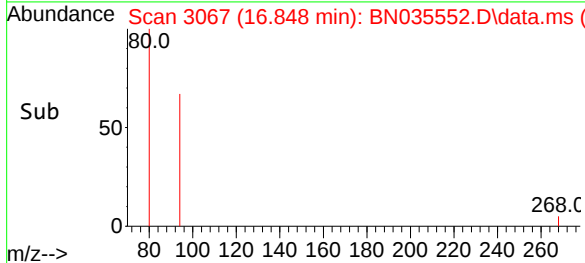
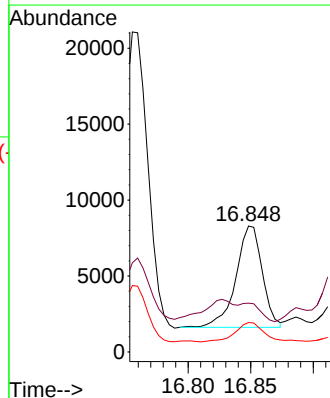
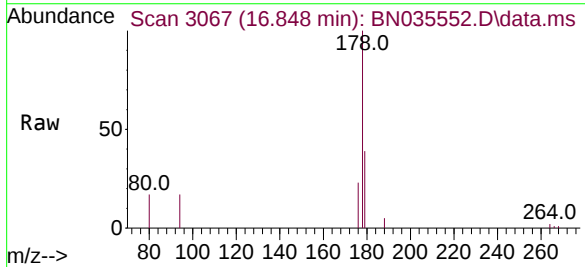
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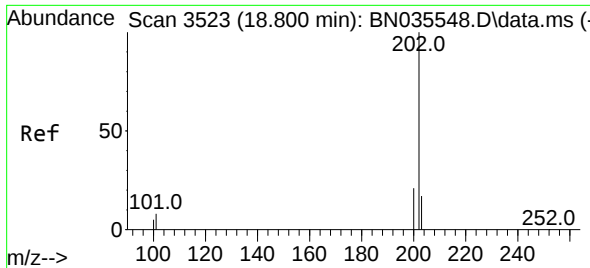
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.358 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

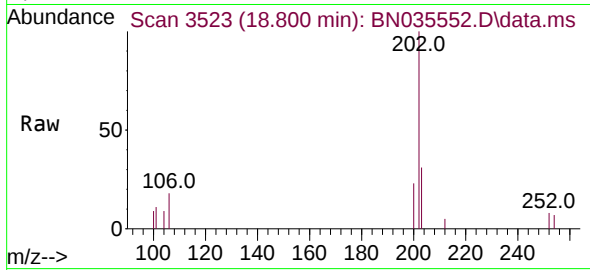
Tgt Ion:178 Resp: 9753
Ion Ratio Lower Upper
178 100
179 38.8 12.9 19.3#
176 23.4 15.4 23.2#





#19
Fluoranthene
Concen: 0.657 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

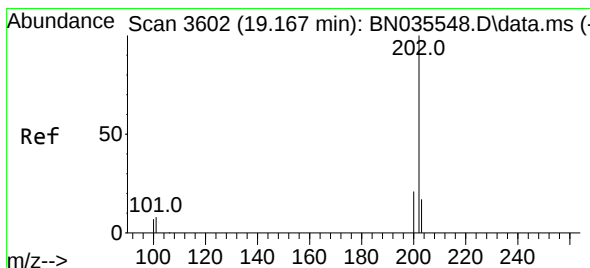
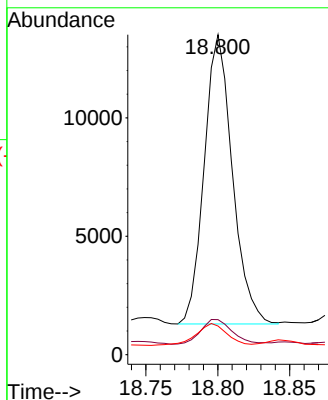
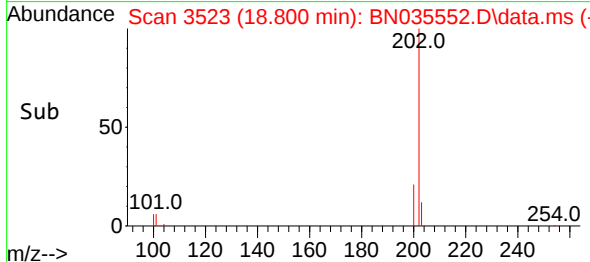
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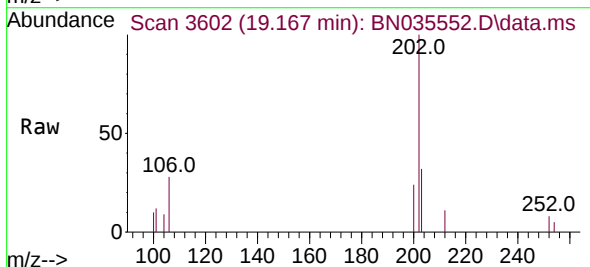
Tgt Ion:202 Resp: 16669
Ion Ratio Lower Upper
202 100
101 10.9 5.8 8.6#
100 9.0 4.5 6.7#

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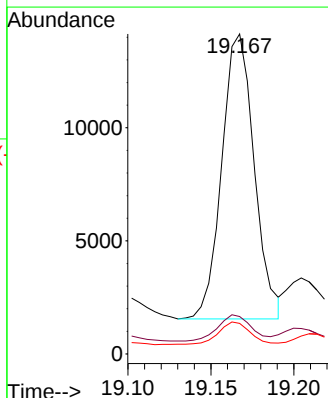
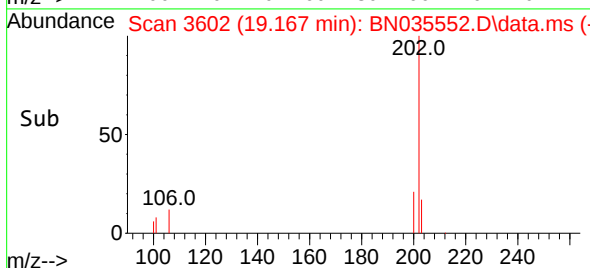
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

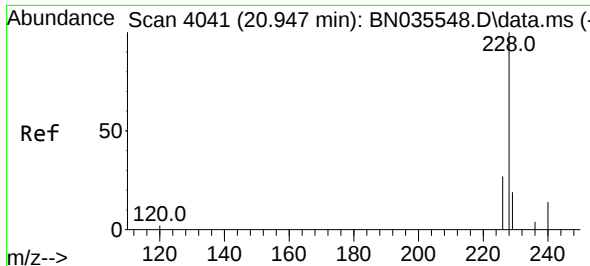


#20
Pyrene
Concen: 0.648 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06



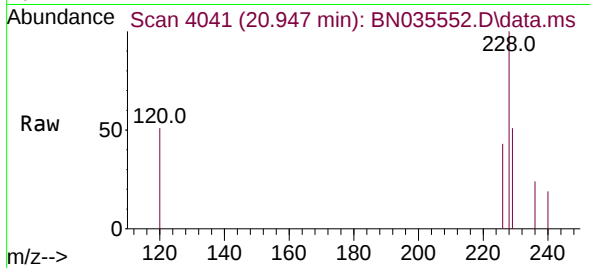
Tgt Ion:202 Resp: 17110
Ion Ratio Lower Upper
202 100
101 11.7 6.2 9.4#
100 9.6 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.399 ng/u1
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

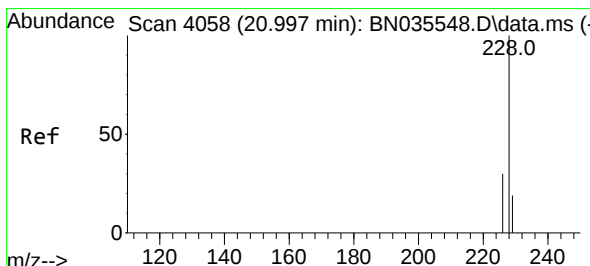
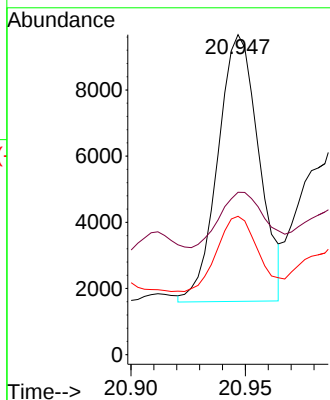
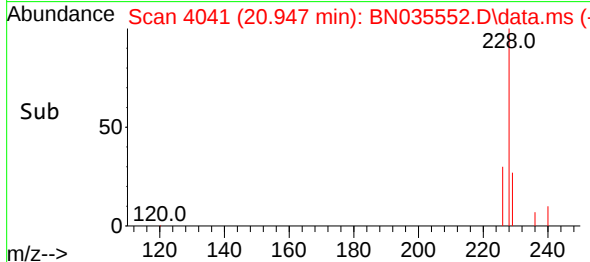
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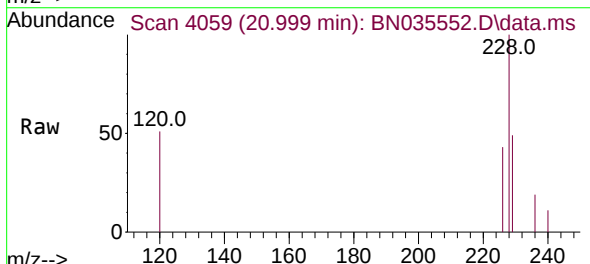
Tgt Ion:228 Resp: 1007
Ion Ratio Lower Upper
228 100
229 50.8 15.8 23.8
226 43.3 21.8 32.8

Manual Integrations
APPROVED

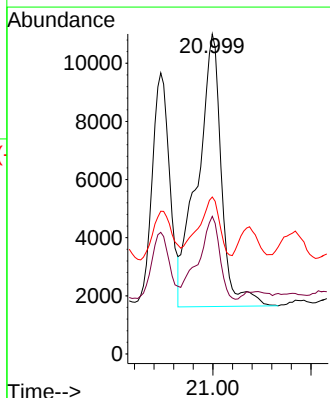
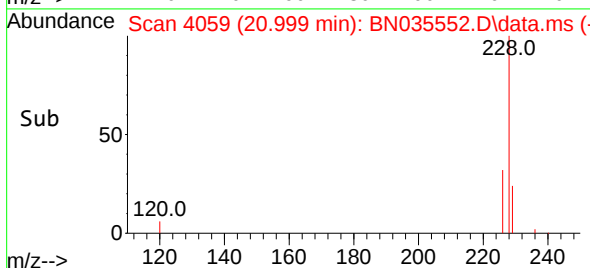
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

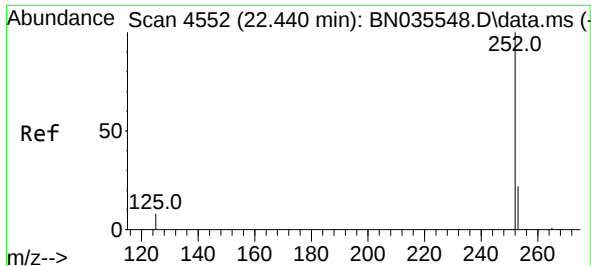


#22
Chrysene
Concen: 0.623 ng/u1
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06



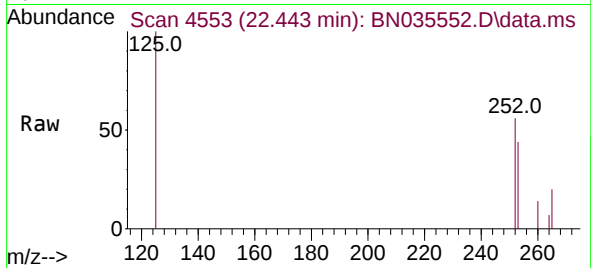
Tgt Ion:228 Resp: 15839
Ion Ratio Lower Upper
228 100
226 43.0 24.7 37.1#
229 49.1 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 22.443 min Scan# 4552
Delta R.T. 0.003 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

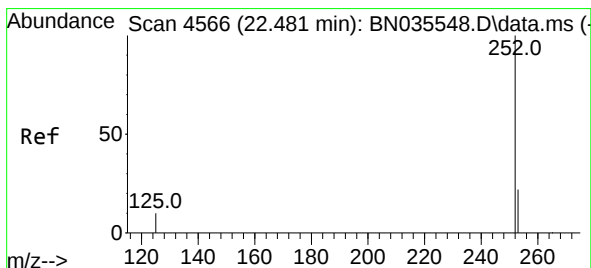
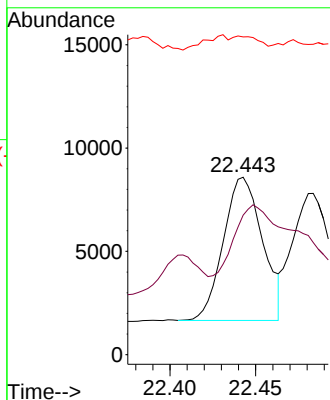
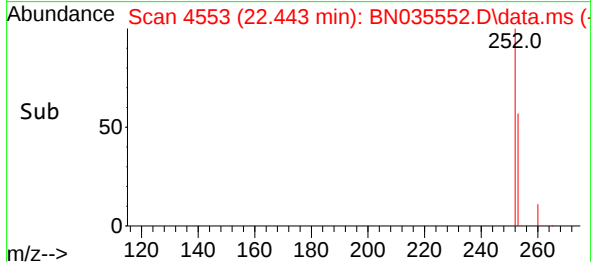
Instrument :
BNA_N
ClientSampleId :
E28N8MS



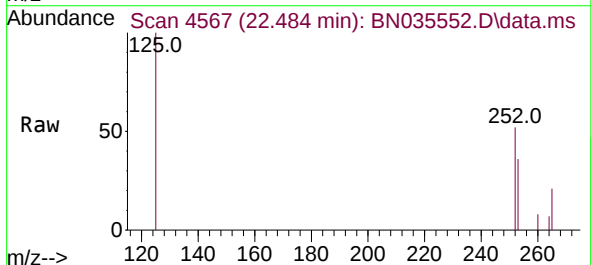
Tgt Ion:252 Resp: 11063
Ion Ratio Lower Upper
252 100
253 78.6 0.0 54.0#
125 179.0 0.0 19.4#

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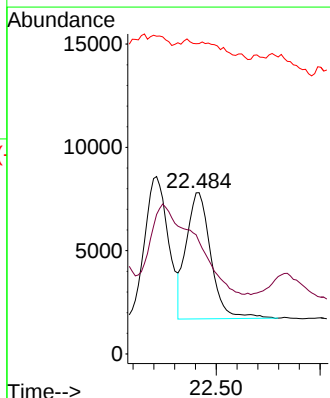
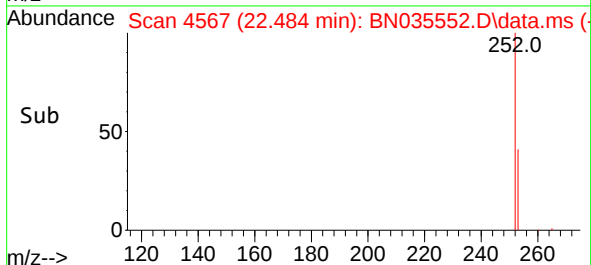
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

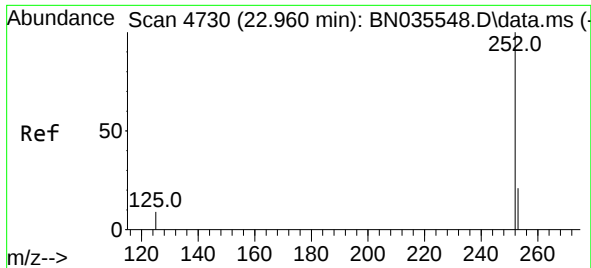


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 22.484 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06



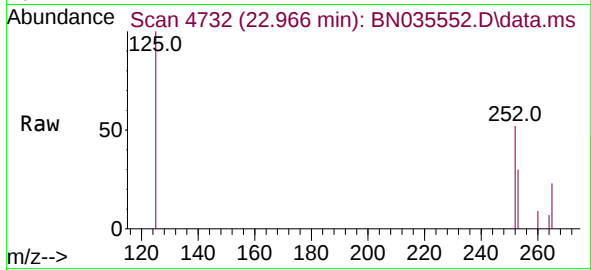
Tgt Ion:252 Resp: 9991
Ion Ratio Lower Upper
252 100
253 69.5 21.8 32.6#
125 192.5 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 22.966 min Scan# 4730
Delta R.T. 0.006 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

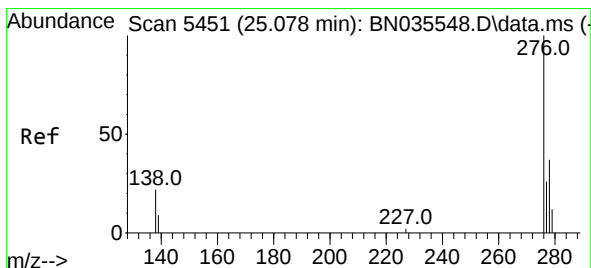
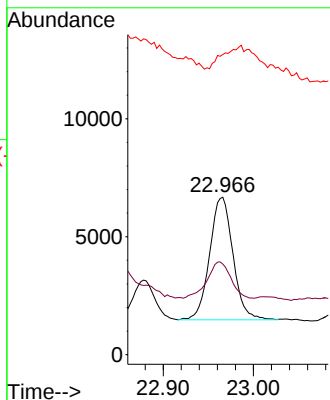
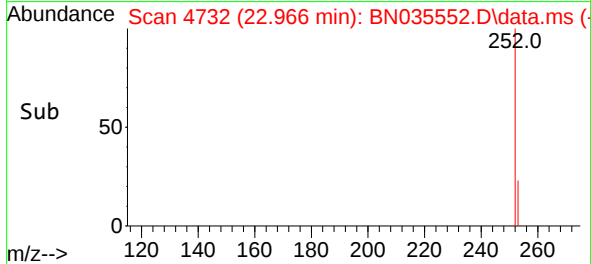
Instrument :
BNA_N
ClientSampleId :
E28N8MS



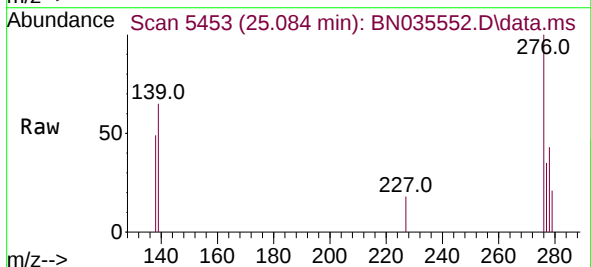
Tgt Ion:252 Resp: 9310
Ion Ratio Lower Upper
252 100
253 57.6 22.9 34.3#
125 190.7 9.4 14.2#

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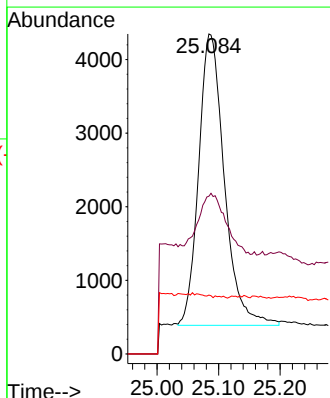
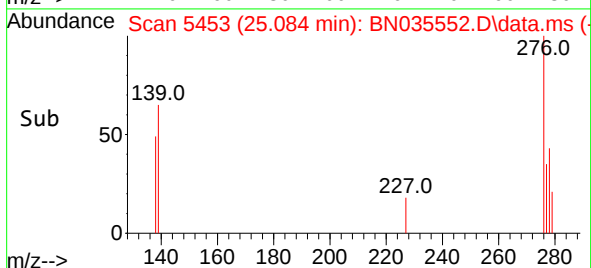
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

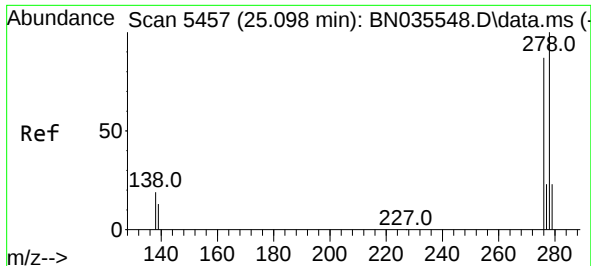


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. 0.004 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06



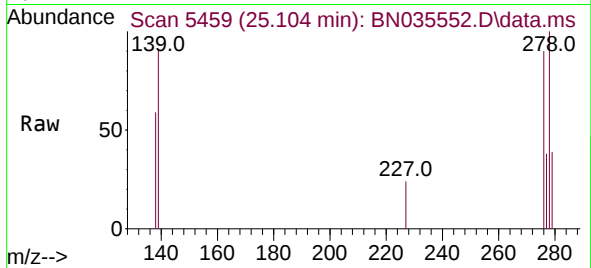
Tgt Ion:276 Resp: 11474
Ion Ratio Lower Upper
276 100
138 214.1 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul m
RT: 25.104 min Scan# 5457
Delta R.T. 0.004 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

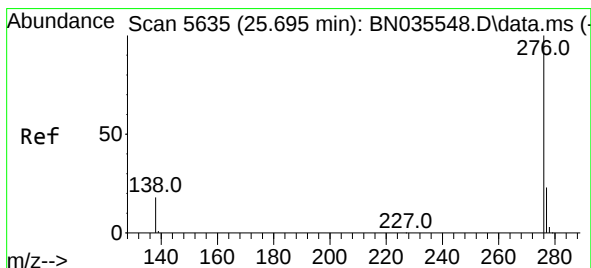
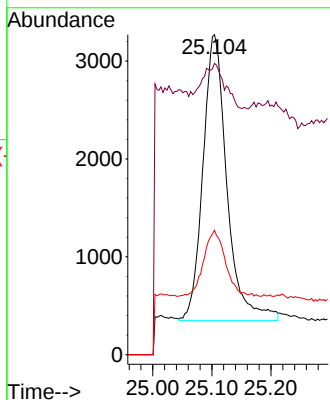
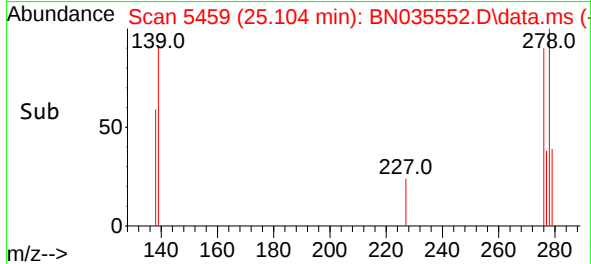
Instrument :
BNA_N
ClientSampleId :
E28N8MS



Tgt Ion:278 Resp: 8218
Ion Ratio Lower Upper
278 100
139 91.0 10.7 16.1#
279 38.8 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: 0.405 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.007 min
Lab File: BN035552.D
Acq: 11 Dec 2024 04:06

Tgt Ion:276 Resp: 9926
Ion Ratio Lower Upper
276 100
138 42.4 13.0 19.6#
277 33.6 20.5 30.7#

