

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
 Data File : BN035582.D
 Acq On : 12 Dec 2024 13:30
 Operator : RC/JU
 Sample : P5153-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P8

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 14:07:13 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	7.288	152	2985	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	8354	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5235	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10351	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7033	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	7352m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9303	3.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2213	0.181	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	3467	0.179	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	3615	0.172	ng/ul	97
7) 2-Methylnaphthalene	11.708	142	2190	0.150	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	1480	0.100	ng/ul	99
10) Acenaphthylene	13.657	152	1266	0.061	ng/ul#	79
11) Acenaphthene	14.009	153	322	0.020	ng/ul#	90
12) Fluorene	15.013	166	584	0.031	ng/ul#	84
15) Phenanthrene	16.755	178	11223	0.410	ng/ul	97
16) Anthracene	16.848	178	2803	0.110	ng/ul#	86
19) Fluoranthene	18.800	202	21603	0.882	ng/ul	99
20) Pyrene	19.167	202	19011	0.746	ng/ul	97
21) Benzo(a)anthracene	20.947	228	9079	0.372	ng/ul#	86
22) Chrysene	20.996	228	13342	0.543	ng/ul#	92
24) Benzo(b)fluoranthene	22.442	252	18401m	0.757	ng/ul	
25) Benzo(k)fluoranthene	22.480	252	6251m	0.249	ng/ul	
26) Benzo(a)pyrene	22.960	252	11031	0.497	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.081	276	9188m	0.306	ng/ul	
28) Dibenzo(a,h)anthracene	25.087	278	2166m	0.092	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	10296	0.435	ng/ul#	89

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

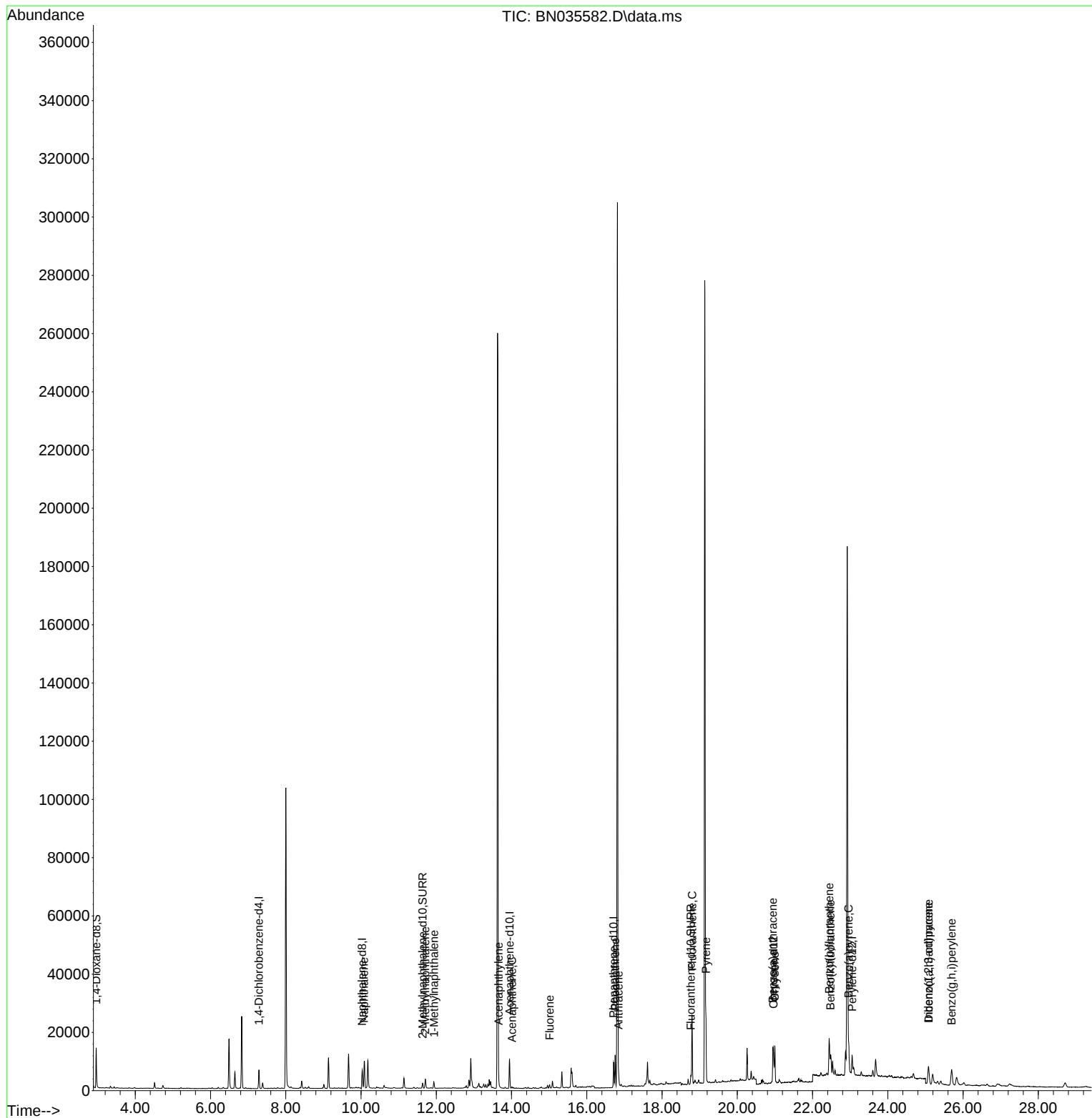
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

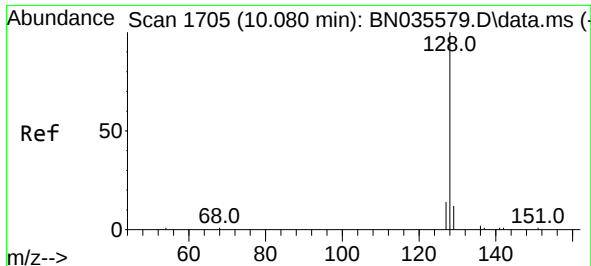
Instrument :
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E28P8

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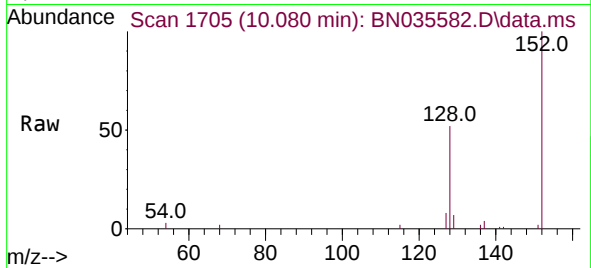
Quant Time: Dec 12 14:07:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.080 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

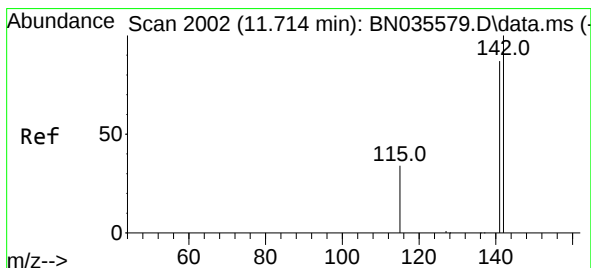
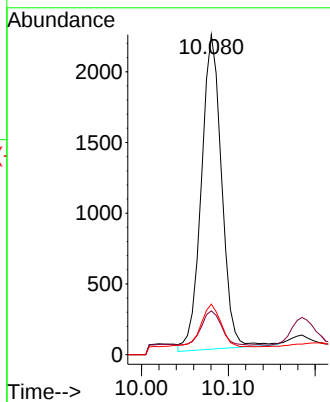
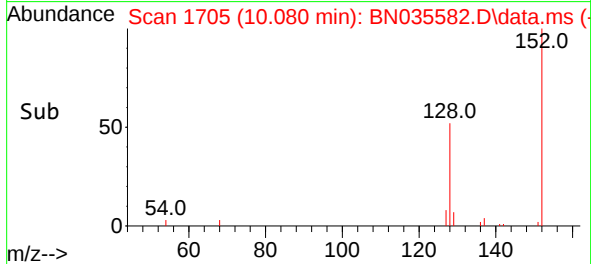
Instrument :
BNA_N
ClientSampleId :
E28P8



Tgt Ion:128 Resp: 361
Ion Ratio Lower Upper
128 100
129 13.7 9.9 14.9
127 15.8 11.4 17.2

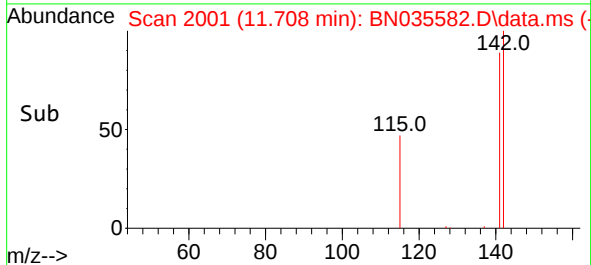
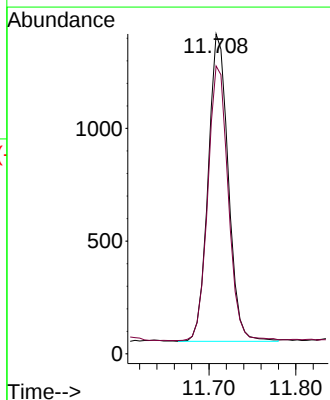
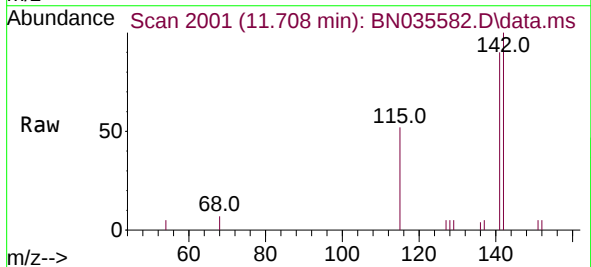
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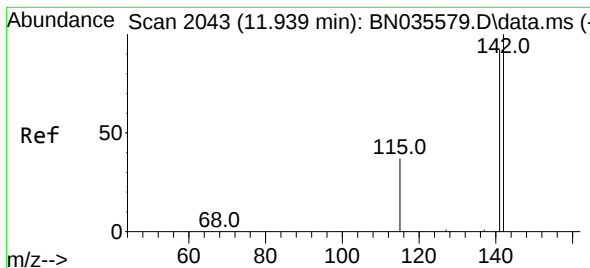
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

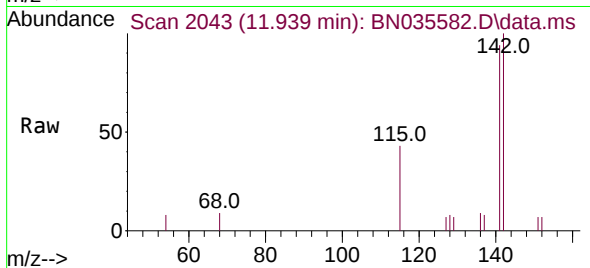
Tgt Ion:142 Resp: 2190
Ion Ratio Lower Upper
142 100
141 90.5 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

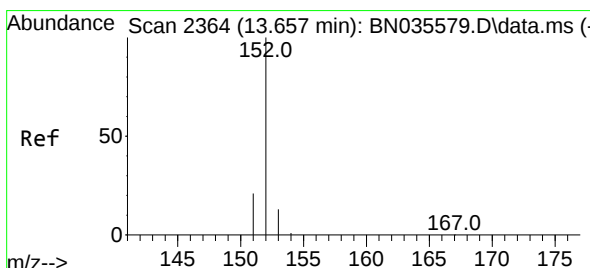
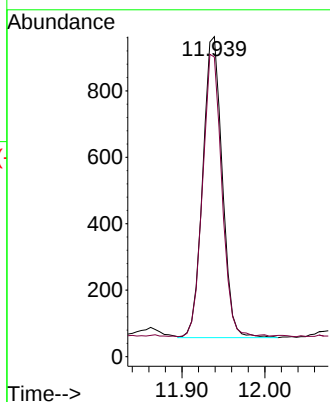
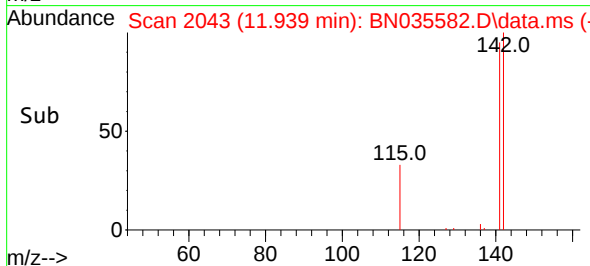
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1480
Ion Ratio Lower Upper
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141 92.5 73.1 109.7

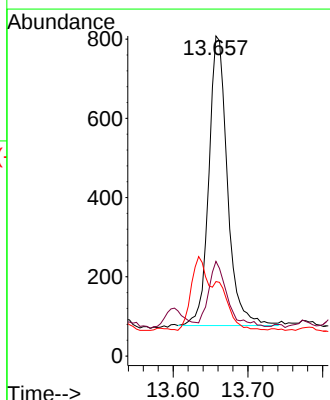
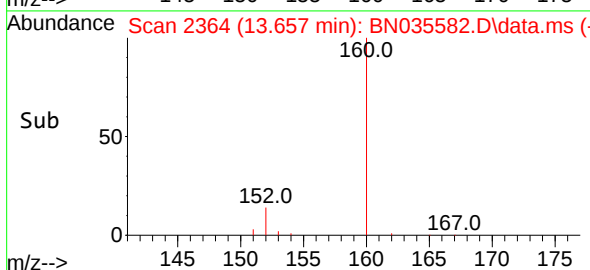
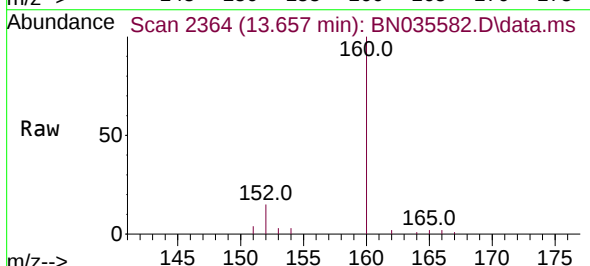
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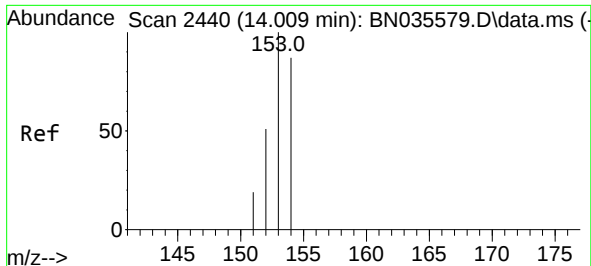
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

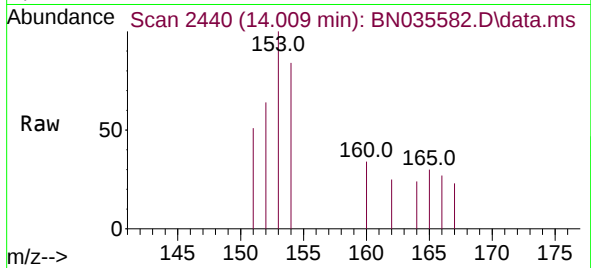
Tgt Ion:152 Resp: 1266
Ion Ratio Lower Upper
152 100
151 29.6 16.4 24.6#
153 23.3 11.1 16.7#





#11
Acenaphthene
Concen: 0.020 ng/uI
RT: 14.009 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

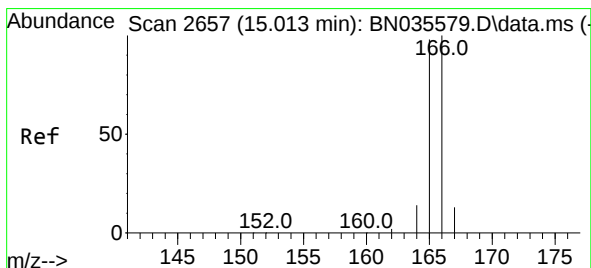
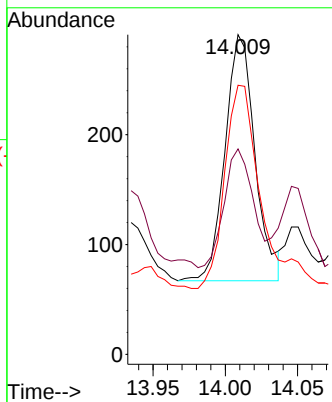
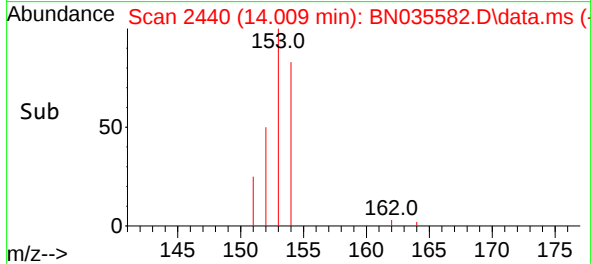
Instrument :
BNA_N
ClientSampleId :
E28P8



Tgt Ion:153 Resp: 320
Ion Ratio Lower Upper
153 100
152 64.3 41.4 62.0
154 84.2 71.2 106.8

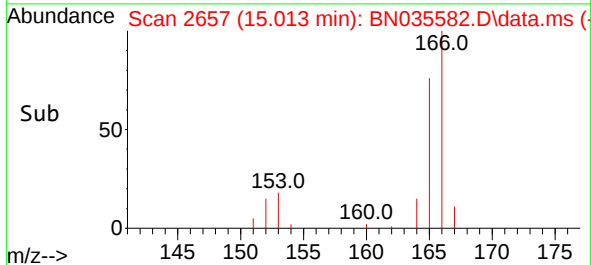
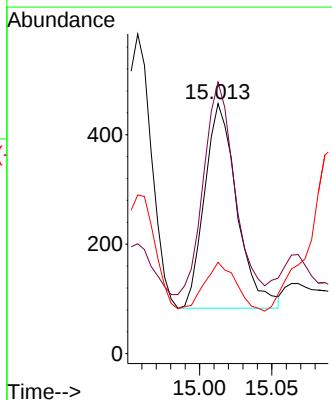
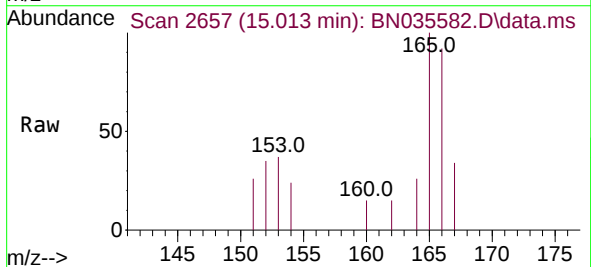
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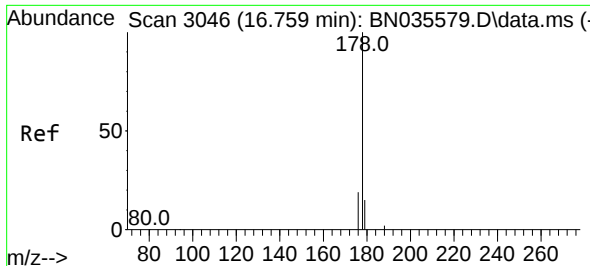
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#12
Fluorene
Concen: 0.031 ng/uI
RT: 15.013 min Scan# 2657
Delta R.T. -0.005 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

Tgt Ion:166 Resp: 584
Ion Ratio Lower Upper
166 100
165 108.5 78.6 118.0
167 36.5 11.8 17.6#





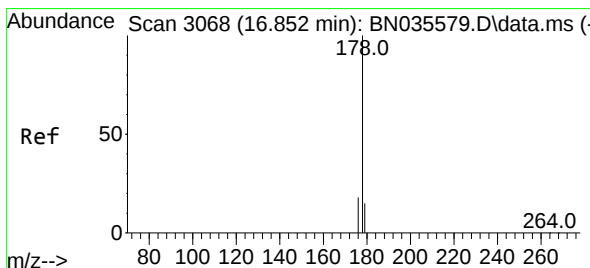
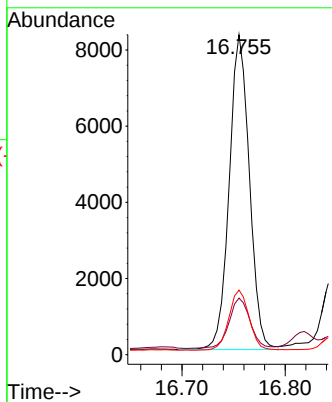
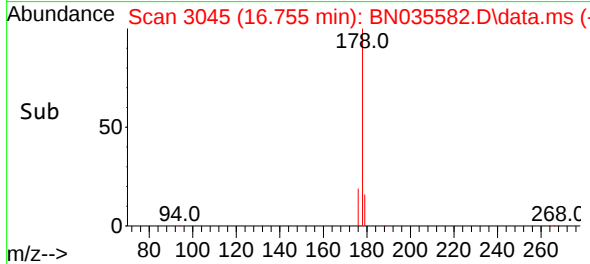
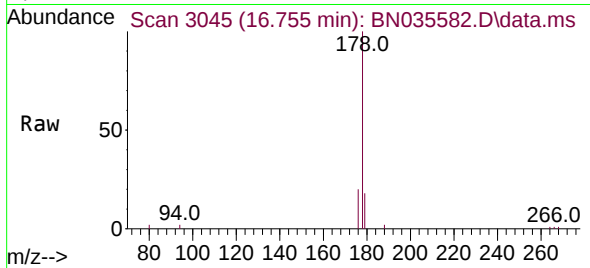
#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

Instrument :
BNA_N
ClientSampleId :
E28P8

Tgt Ion:178 Resp: 1122
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.2 15.6 23.4

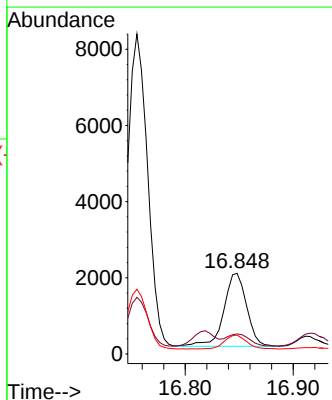
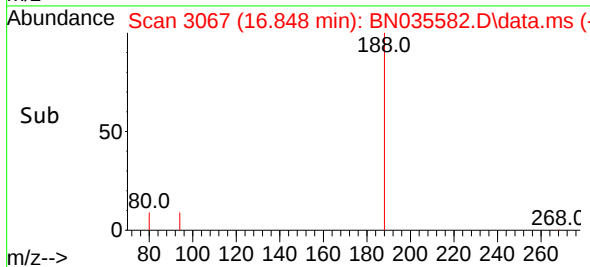
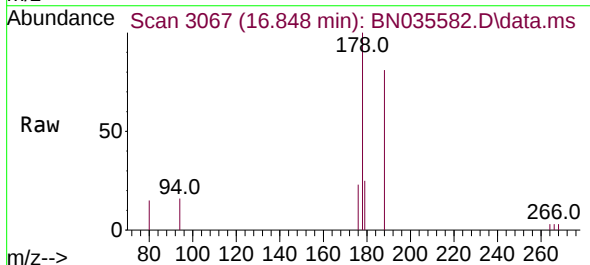
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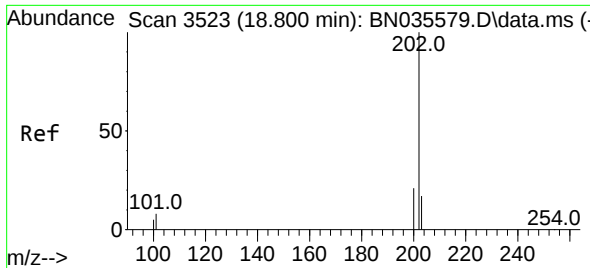
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#16
Anthracene
Concen: 0.110 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

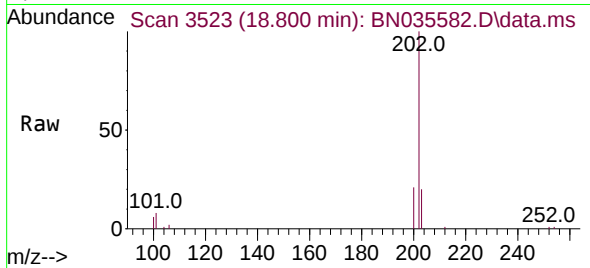
Tgt Ion:178 Resp: 2803
Ion Ratio Lower Upper
178 100
179 24.8 12.9 19.3#
176 23.4 15.4 23.2#





#19
Fluoranthene
Concen: 0.882 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

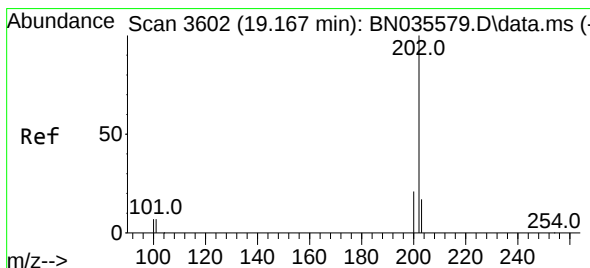
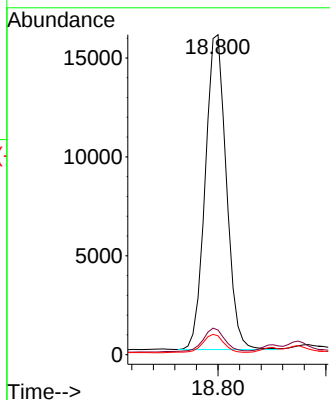
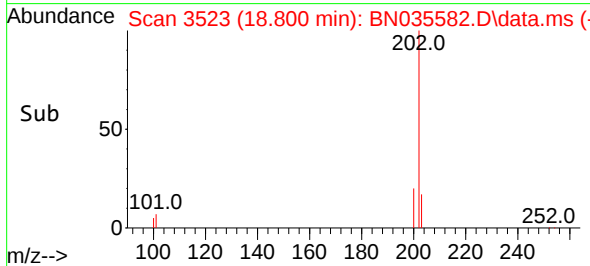
Instrument :
BNA_N
ClientSampleId :
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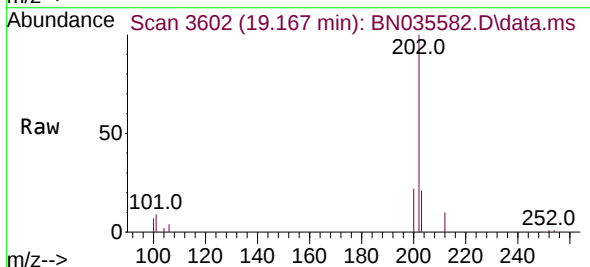
Tgt Ion:202 Resp: 21600
Ion Ratio Lower Upper
202 100
101 7.7 5.8 8.6
100 5.9 4.5 6.7

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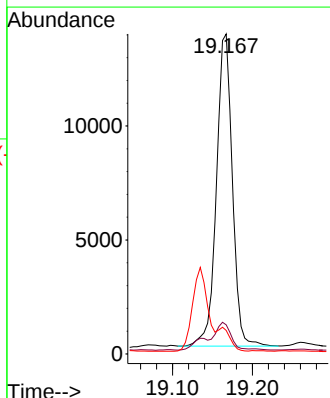
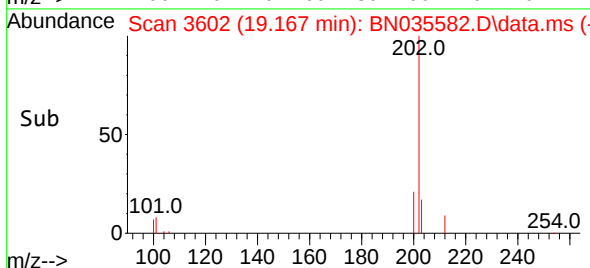
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

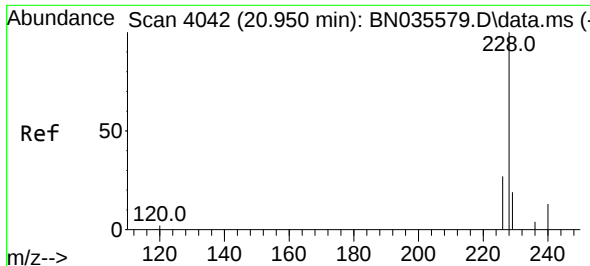


#20
Pyrene
Concen: 0.746 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30



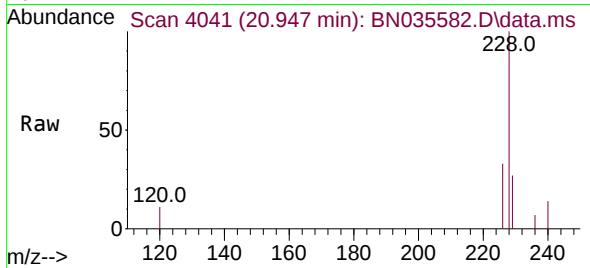
Tgt Ion:202 Resp: 19011
Ion Ratio Lower Upper
202 100
101 9.1 6.2 9.4
100 7.3 5.1 7.7





#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

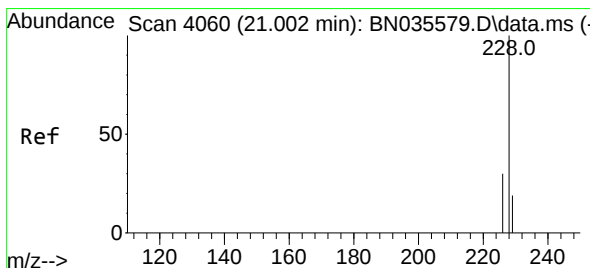
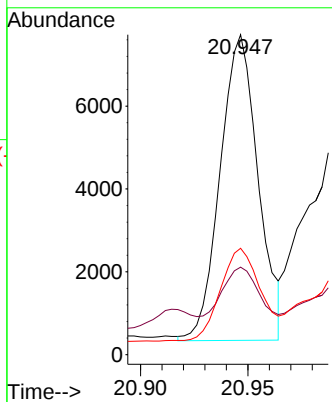
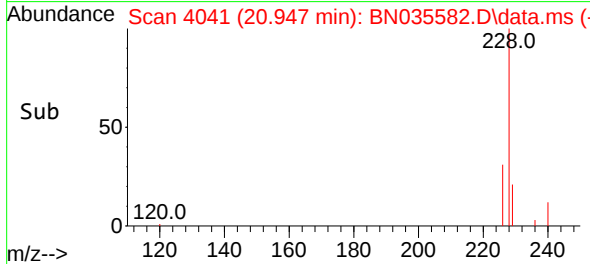
Instrument :
BNA_N
ClientSampleId :
E28P8



Tgt Ion:228 Resp: 9079
Ion Ratio Lower Upper
228 100
229 27.4 15.8 23.8
226 33.3 21.8 32.8

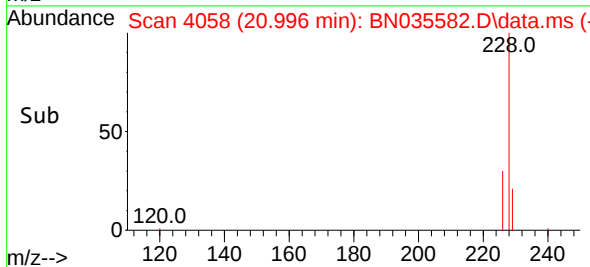
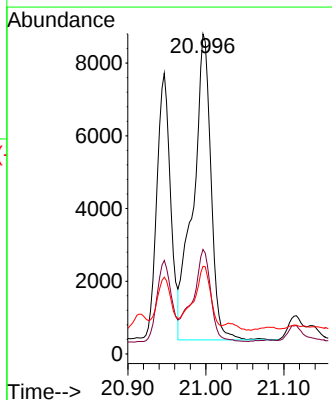
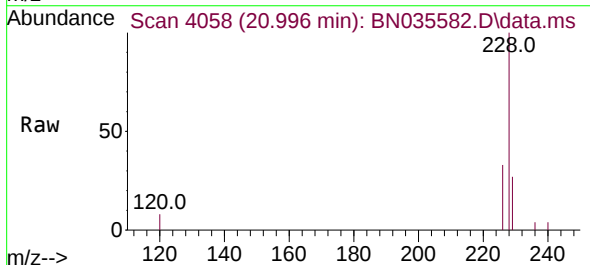
Manual Integrations
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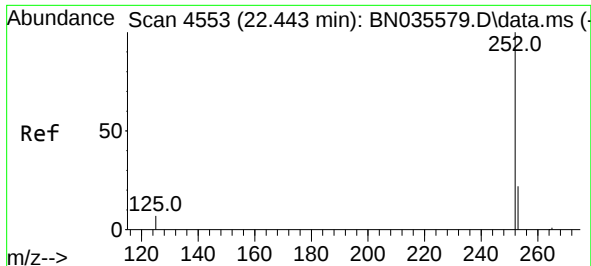
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#22
Chrysene
Concen: 0.543 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

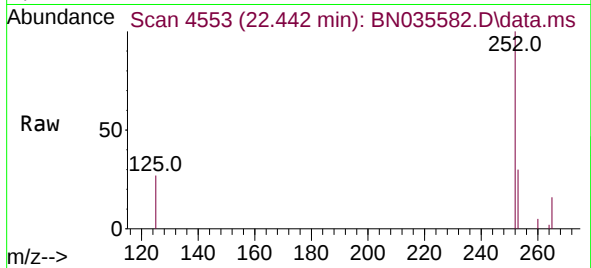
Tgt Ion:228 Resp: 13342
Ion Ratio Lower Upper
228 100
226 32.6 24.7 37.1
229 27.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.757 ng/ul m
RT: 22.442 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

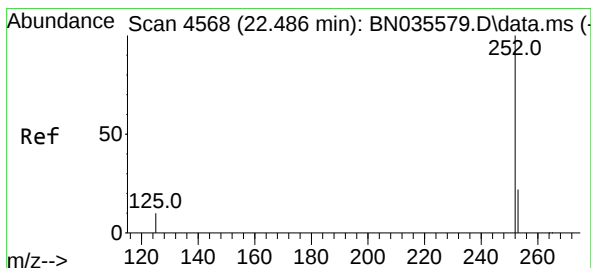
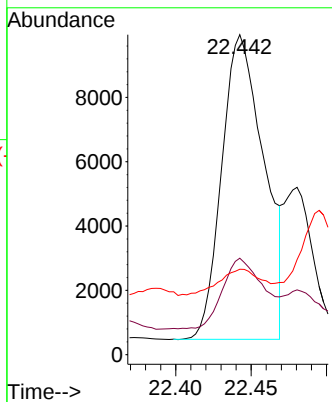
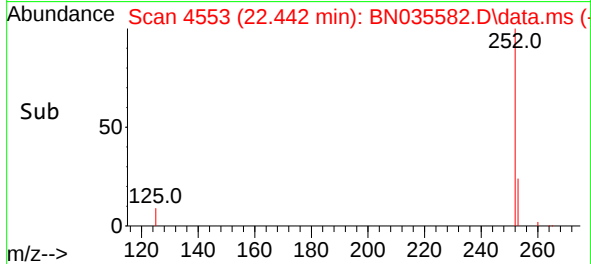
Instrument :
BNA_N
ClientSampleId :
E28P8



Tgt Ion:252 Resp: 1840
Ion Ratio Lower Upper
252 100
253 30.1 0.0 54.0
125 26.7 0.0 19.4

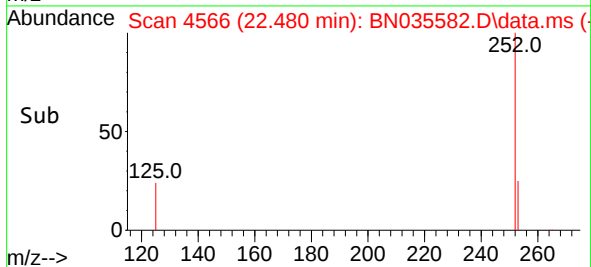
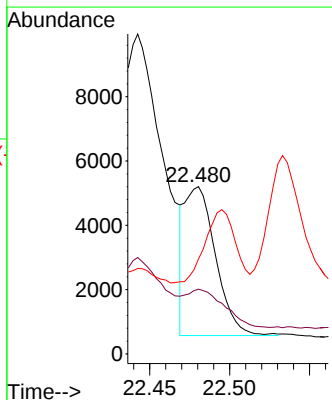
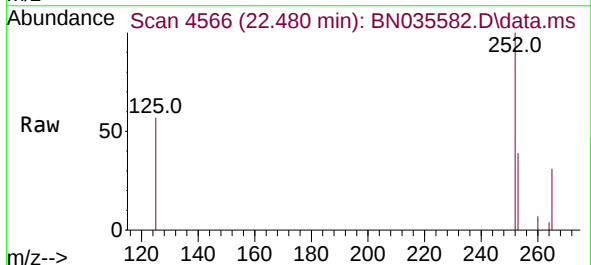
Manual Integrations
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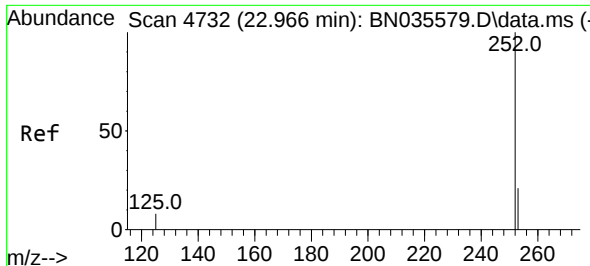
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.480 min Scan# 4566
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

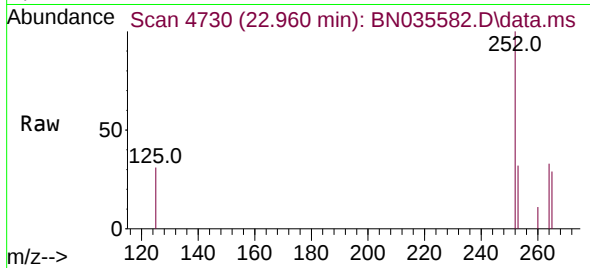
Tgt Ion:252 Resp: 6251
Ion Ratio Lower Upper
252 100
253 38.7 21.8 32.6#
125 56.8 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 22.960 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

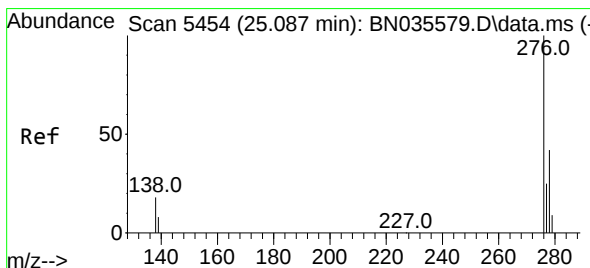
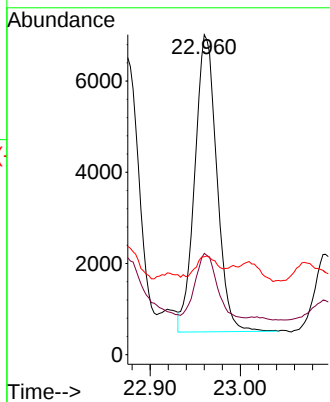
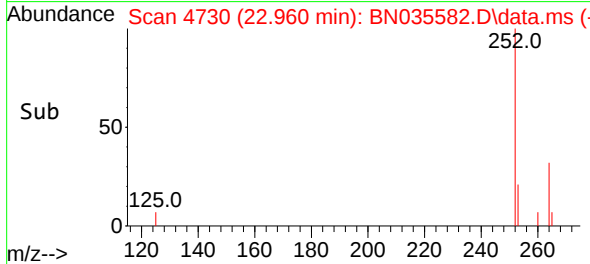
Instrument :
BNA_N
ClientSampleId :
E28P8



Tgt Ion:252 Resp: 1103
Ion Ratio Lower Upper
252 100
253 31.6 22.9 34.3
125 30.6 9.4 14.2

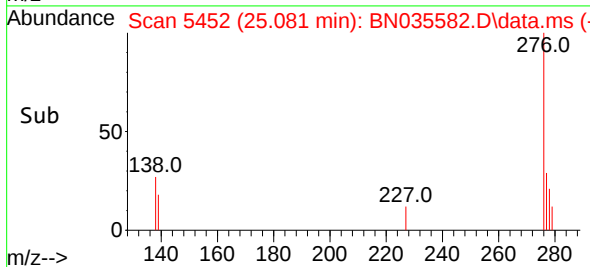
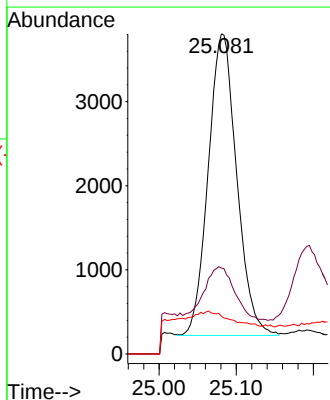
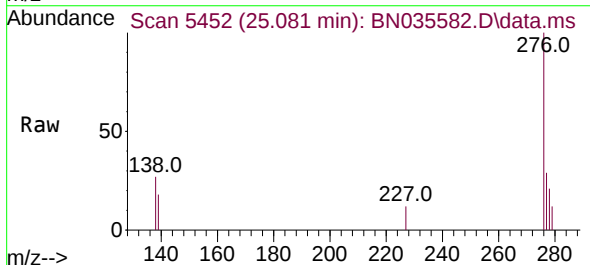
Manual Integrations
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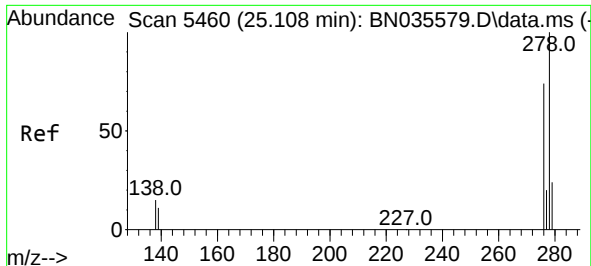
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul m
RT: 25.081 min Scan# 5452
Delta R.T. -0.000 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

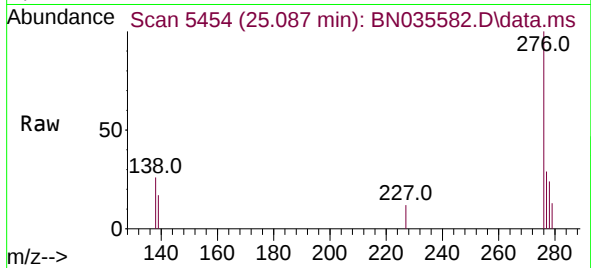
Tgt Ion:276 Resp: 9188
Ion Ratio Lower Upper
276 100
138 14.3 13.8 20.8
227 0.0 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul m
RT: 25.087 min Scan# 5460
Delta R.T. -0.013 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

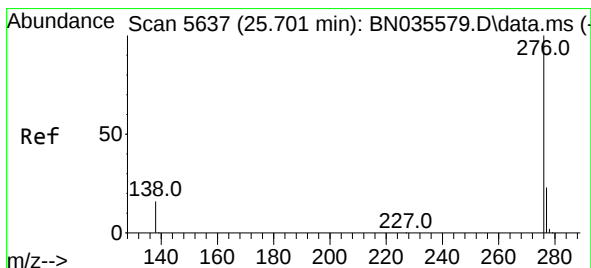
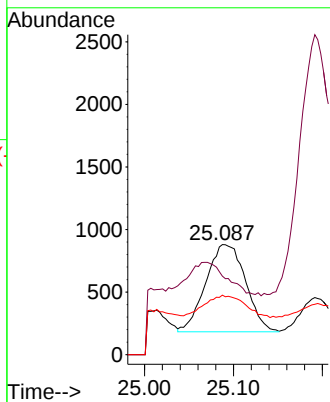
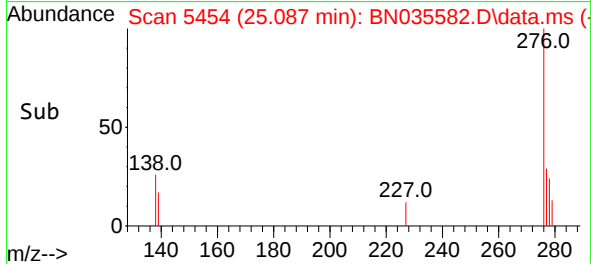
Instrument :
BNA_N
ClientSampleId :
E28P8



Tgt Ion:278 Resp: 2160
Ion Ratio Lower Upper
278 100
139 71.3 10.7 16.1
279 54.0 22.8 34.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.007 min
Lab File: BN035582.D
Acq: 12 Dec 2024 13:30

Tgt Ion:276 Resp: 10296
Ion Ratio Lower Upper
276 100
138 25.8 13.0 19.6
277 27.6 20.5 30.7

