

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
 Data File : BN035583.D
 Acq On : 12 Dec 2024 14:06
 Operator : RC/JU
 Sample : P5153-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P9

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 14:36:37 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	2705	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7246	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	4654	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9182m	0.400	ng/ul	0.00
17) Chrysene-d12	20.967	240	6707m	0.400	ng/ul	0.00
23) Perylene-d12	23.068	264	7497m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	14786	5.981	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3807	0.359	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	8033	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	15016	0.823	ng/ul	99
7) 2-Methylnaphthalene	11.708	142	5955	0.470	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	3616	0.283	ng/ul	99
10) Acenaphthylene	13.662	152	6386	0.346	ng/ul#	93
11) Acenaphthene	14.009	153	810	0.057	ng/ul	90
12) Fluorene	15.013	166	2492	0.150	ng/ul#	90
15) Phenanthrene	16.755	178	50067	2.063	ng/ul	98
16) Anthracene	16.848	178	14979	0.665	ng/ul#	92
19) Fluoranthene	18.800	202	73372	3.142	ng/ul	97
20) Pyrene	19.167	202	61720	2.540	ng/ul#	95
21) Benzo(a)anthracene	20.953	228	44103	1.895	ng/ul#	78
22) Chrysene	21.005	228	74712	3.190	ng/ul#	89
24) Benzo(b)fluoranthene	22.454	252	109325m	4.412	ng/ul	
25) Benzo(k)fluoranthene	22.489	252	28826m	1.128	ng/ul	
26) Benzo(a)pyrene	22.978	252	49525m	2.187	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.104	276	51274m	1.676	ng/ul	
28) Dibenzo(a,h)anthracene	25.111	278	17138m	0.715	ng/ul	
29) Benzo(g,h,i)perylene	25.721	276	65748m	2.726	ng/ul	

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

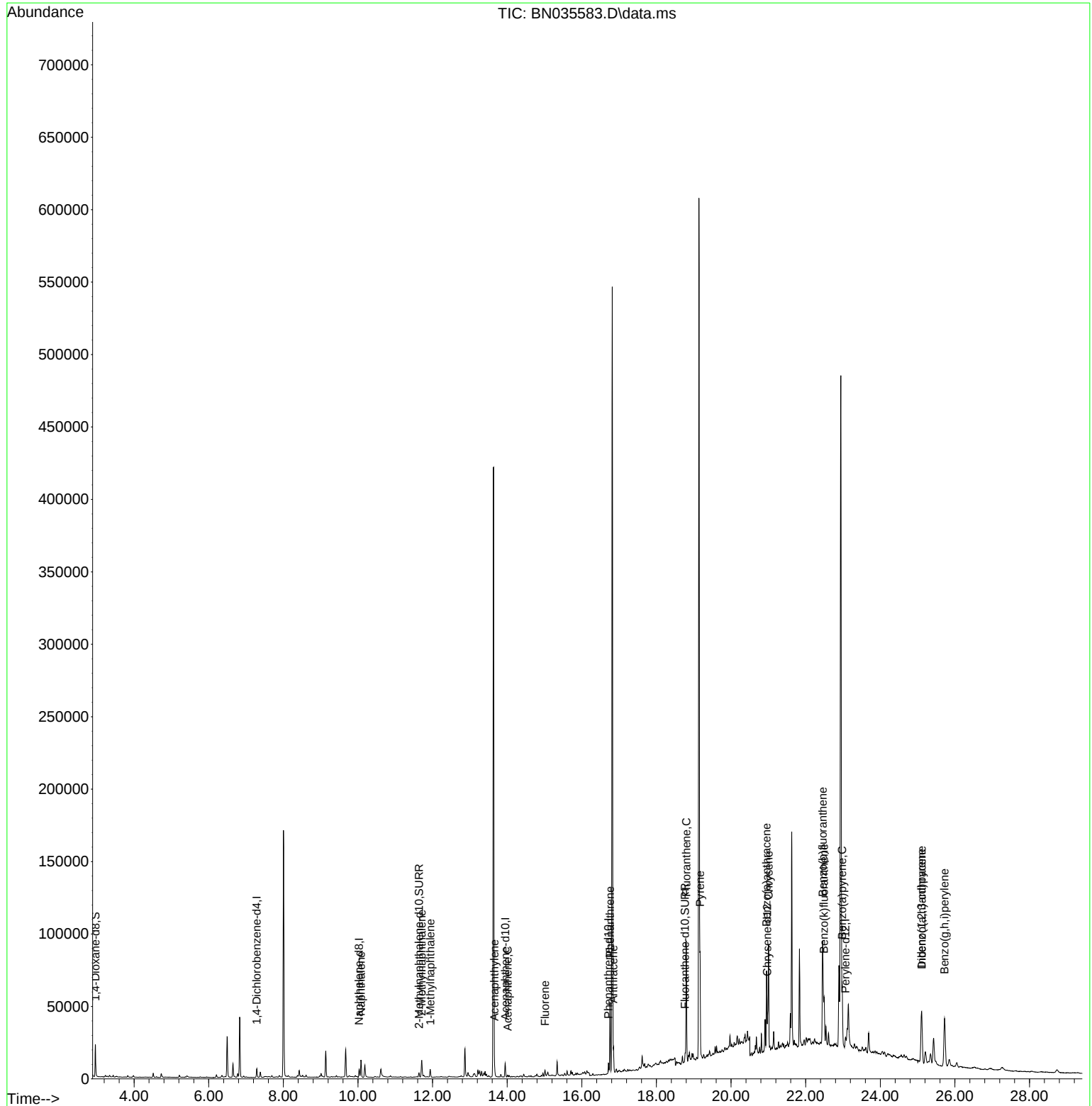
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035583.D
Acq On : 12 Dec 2024 14:06
Operator : RC/JU
Sample : P5153-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

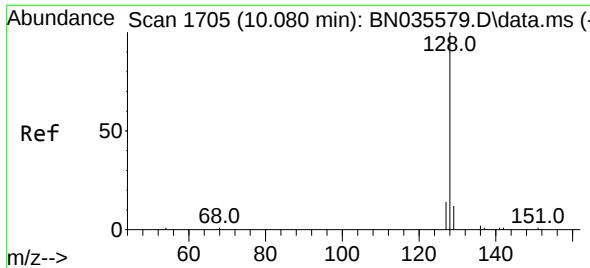
Instrument :
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E28P9

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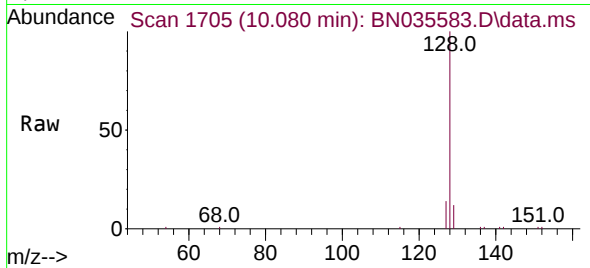
Quant Time: Dec 12 14:36:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.823 ng/ul
RT: 10.080 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

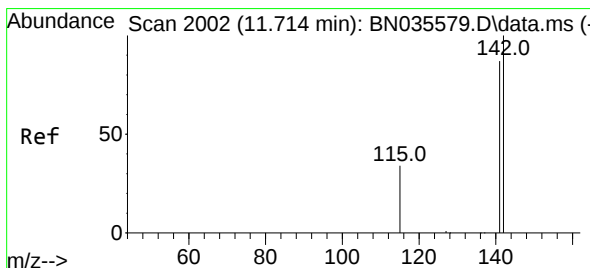
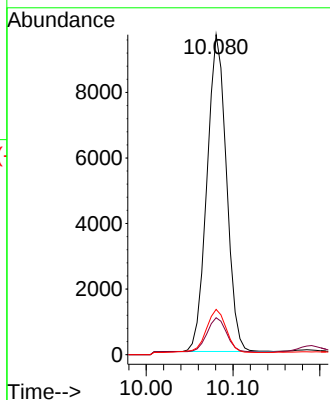
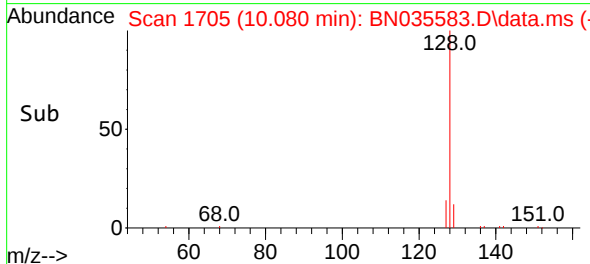
Instrument :
BNA_N
ClientSampleId :
E28P9



Tgt Ion:128 Resp: 15010
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 14.2 11.4 17.2

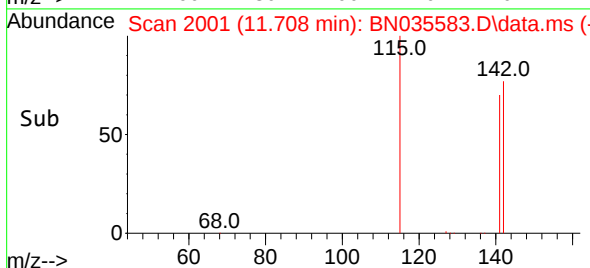
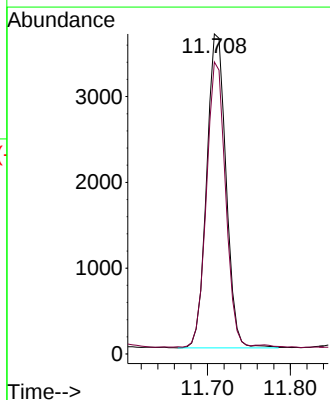
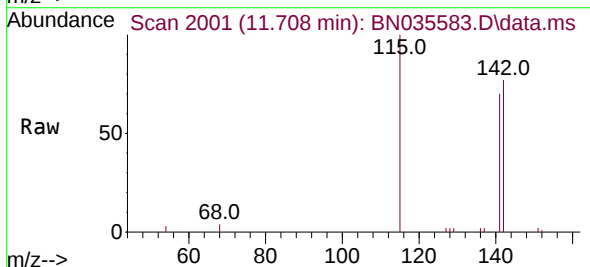
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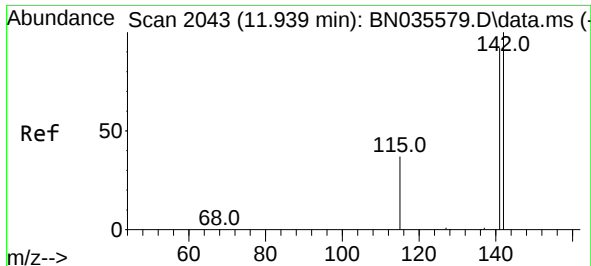
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

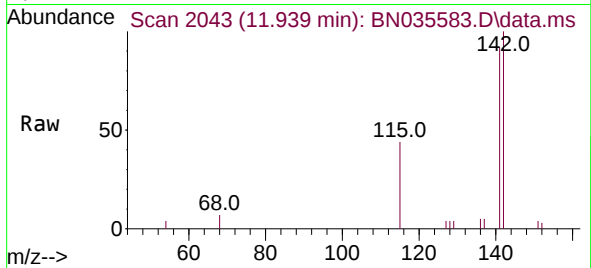
Tgt Ion:142 Resp: 5955
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

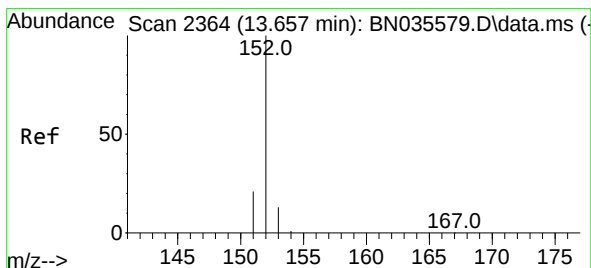
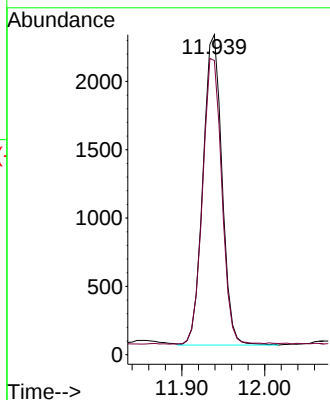
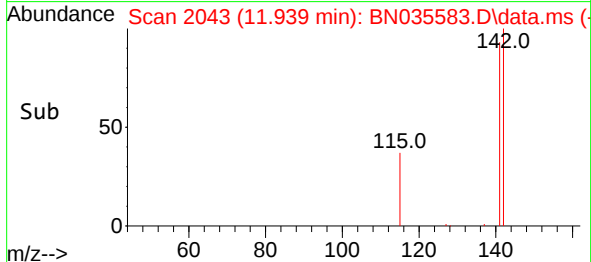
Instrument :
BNA_N
ClientSampleId :
E28P9



Tgt Ion:142 Resp: 3610
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7

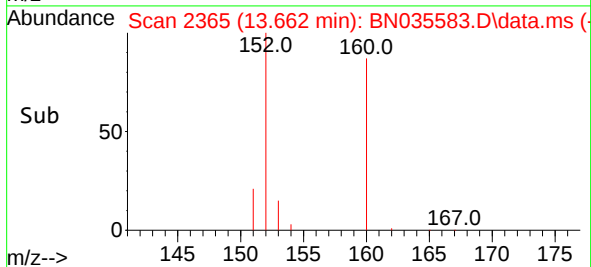
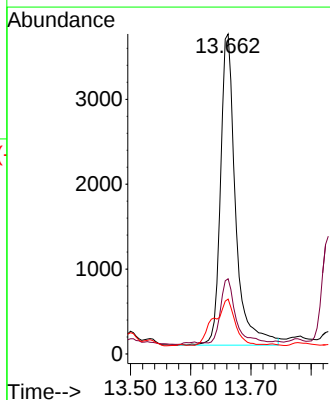
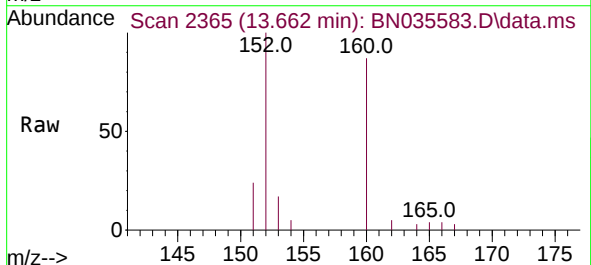
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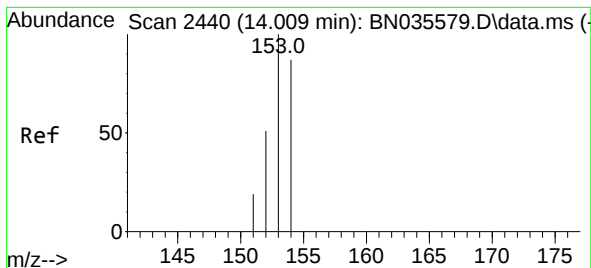
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

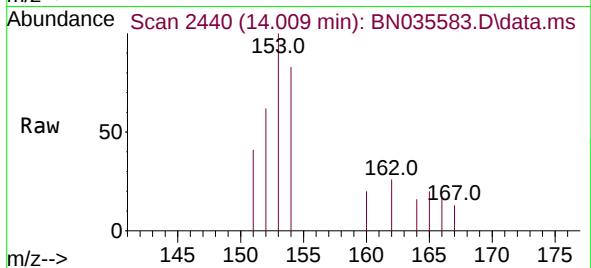
Tgt Ion:152 Resp: 6386
Ion Ratio Lower Upper
152 100
151 23.5 16.4 24.6
153 17.2 11.1 16.7#





#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

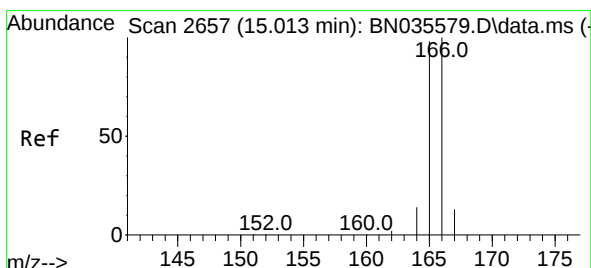
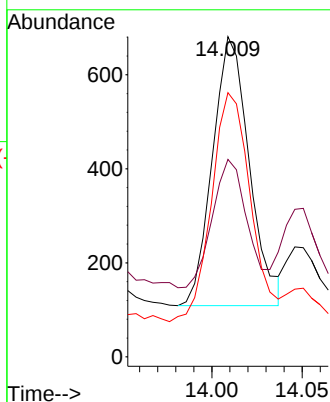
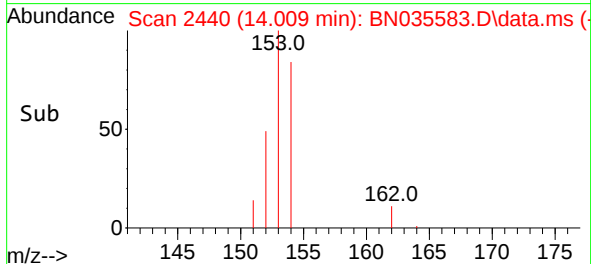
Instrument :
BNA_N
ClientSampleId :
E28P9



Tgt Ion:153 Resp: 810
Ion Ratio Lower Upper
153 100
152 61.7 41.4 62.0
154 82.5 71.2 106.8

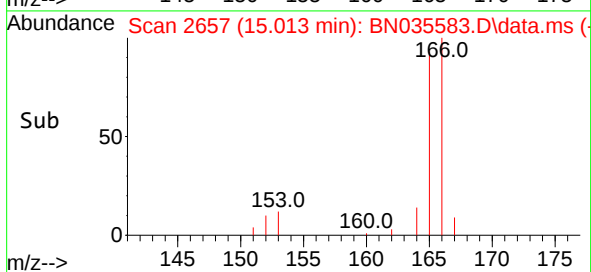
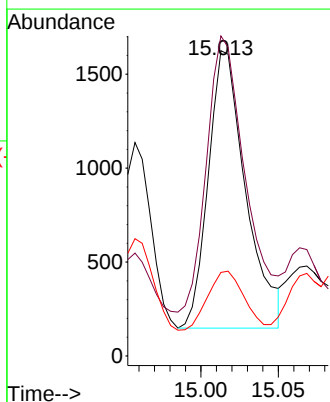
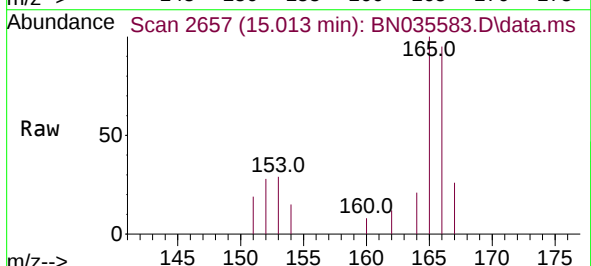
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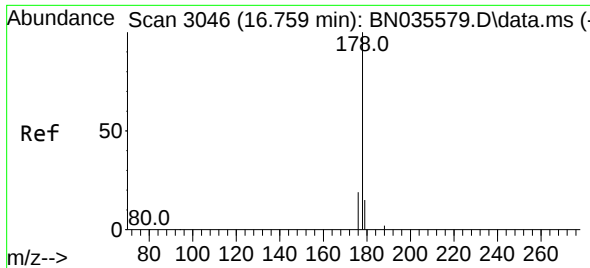
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#12
Fluorene
Concen: 0.150 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. -0.005 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

Tgt Ion:166 Resp: 2492
Ion Ratio Lower Upper
166 100
165 104.8 78.6 118.0
167 27.4 11.8 17.6#





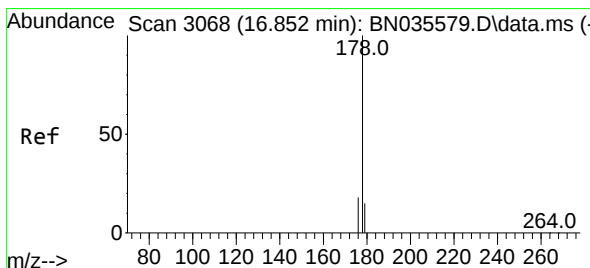
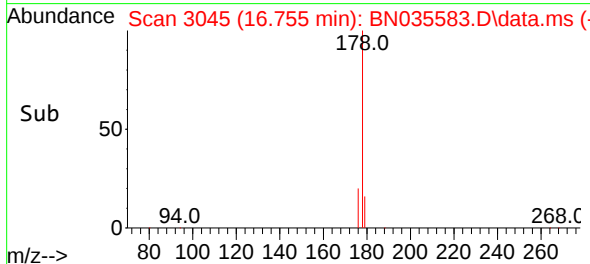
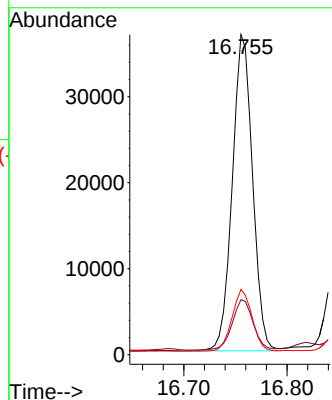
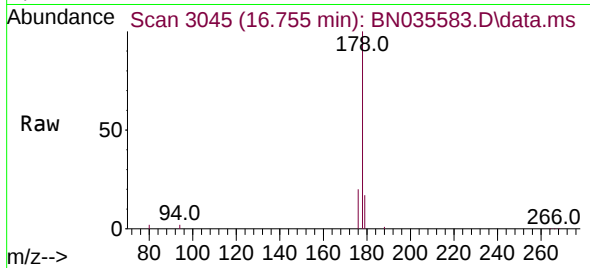
#15
Phenanthrene
Concen: 2.063 ng/ul
RT: 16.755 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

Instrument :
BNA_N
ClientSampleId :
E28P9

Tgt Ion:178 Resp: 5006
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 20.4 15.6 23.4

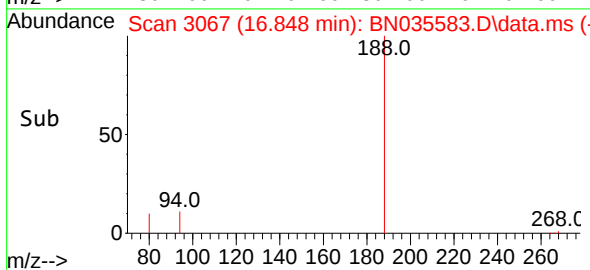
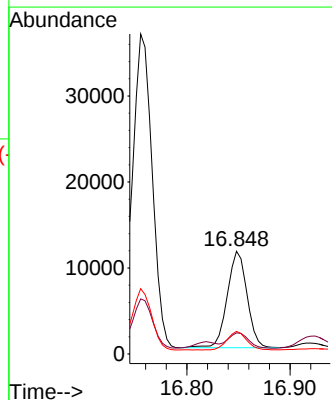
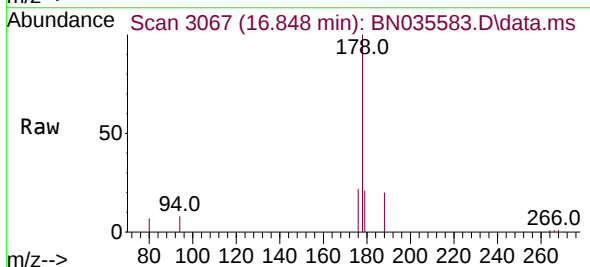
Manual Integrations
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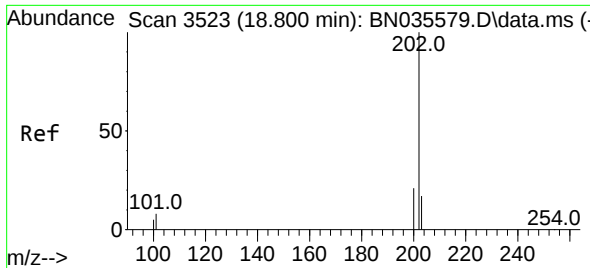
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#16
Anthracene
Concen: 0.665 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

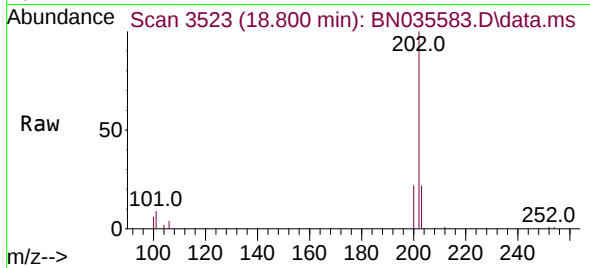
Tgt Ion:178 Resp: 14979
Ion Ratio Lower Upper
178 100
179 20.6 12.9 19.3#
176 21.9 15.4 23.2





#19
Fluoranthene
Concen: 3.142 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

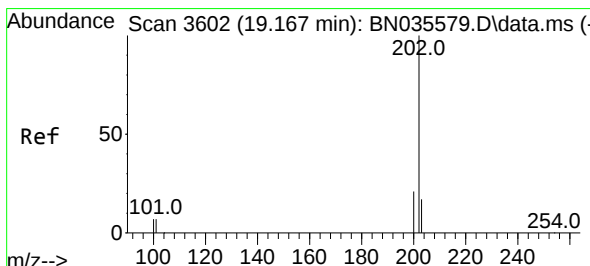
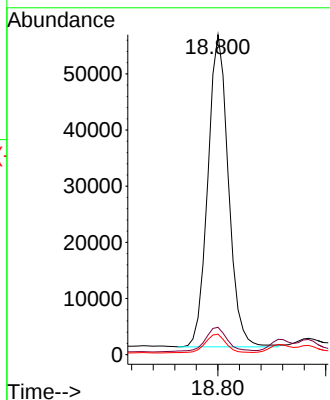
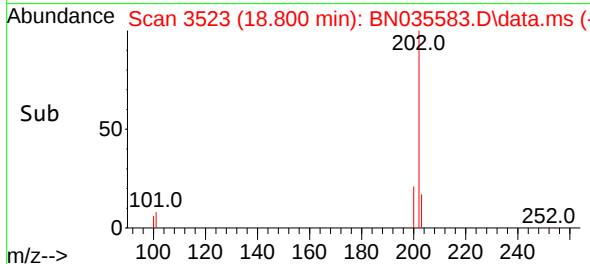
Instrument :
BNA_N
ClientSampleId :
E28P9



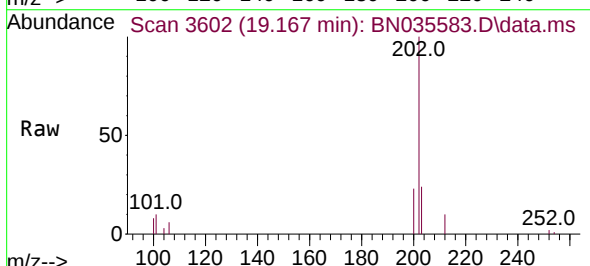
Tgt Ion:202 Resp: 73372
Ion Ratio Lower Upper
202 100
101 8.6 5.8 8.6
100 6.4 4.5 6.7

Manual Integrations
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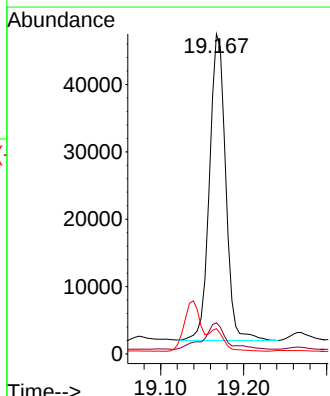
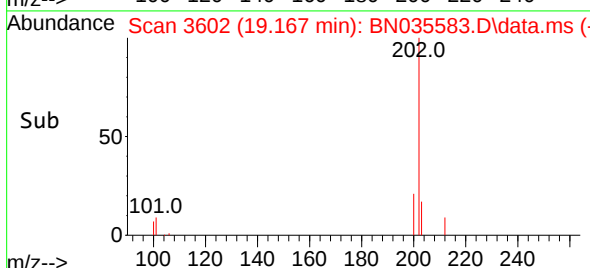
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Supervised By :mohammad ahmed 12/13/2024

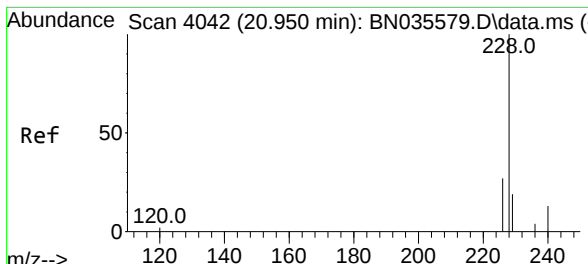


#20
Pyrene
Concen: 2.540 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06



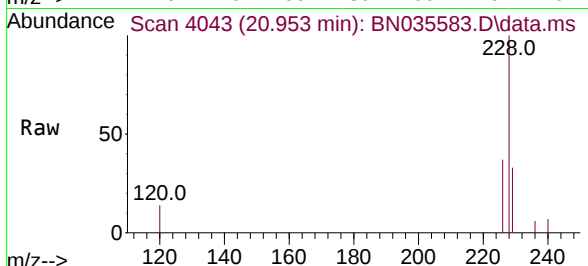
Tgt Ion:202 Resp: 61720
Ion Ratio Lower Upper
202 100
101 9.8 6.2 9.4#
100 7.9 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 1.895 ng/ul
RT: 20.953 min Scan# 4042
Delta R.T. 0.006 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

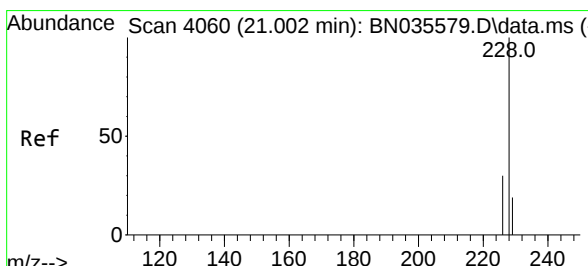
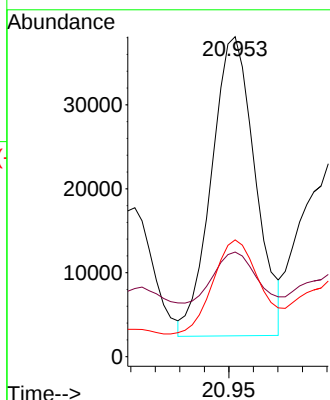
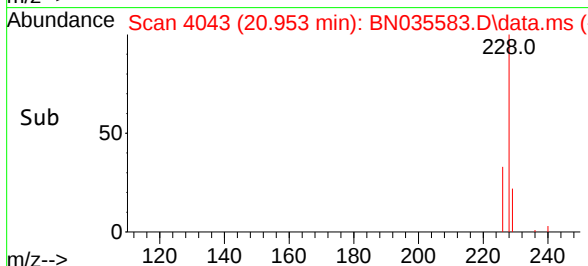
Instrument :
BNA_N
ClientSampleId :
E28P9



Tgt Ion:228 Resp: 44100
Ion Ratio Lower Upper
228 100
229 32.7 15.8 23.8
226 36.5 21.8 32.8

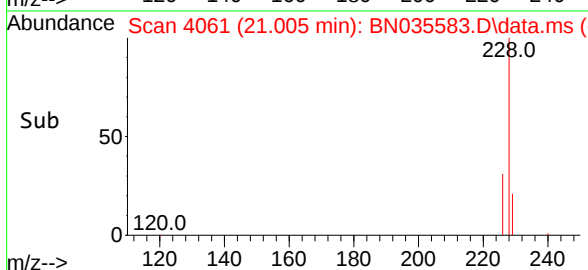
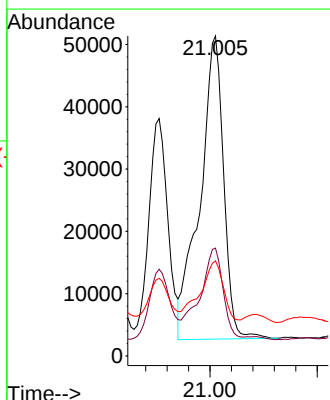
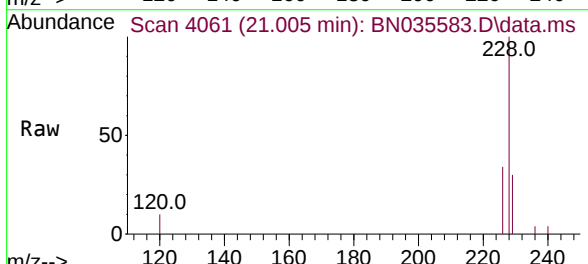
Manual Integrations
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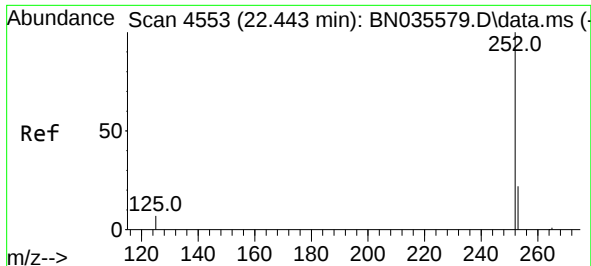
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#22
Chrysene
Concen: 3.190 ng/ul
RT: 21.005 min Scan# 4061
Delta R.T. 0.009 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

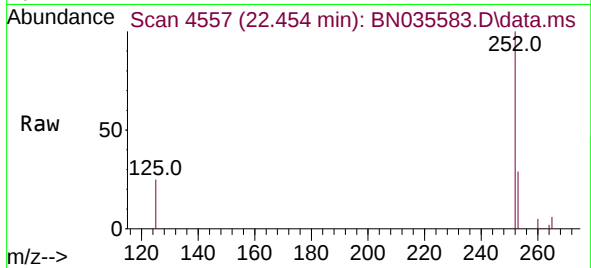
Tgt Ion:228 Resp: 74712
Ion Ratio Lower Upper
228 100
226 33.7 24.7 37.1
229 29.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.412 ng/ul m
RT: 22.454 min Scan# 4557
Delta R.T. 0.015 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

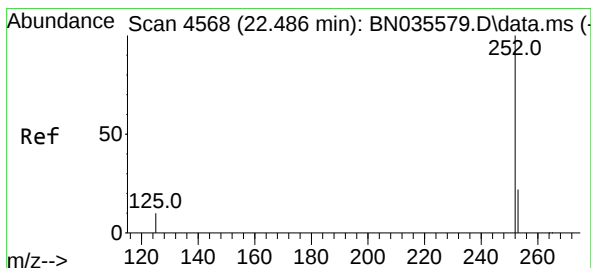
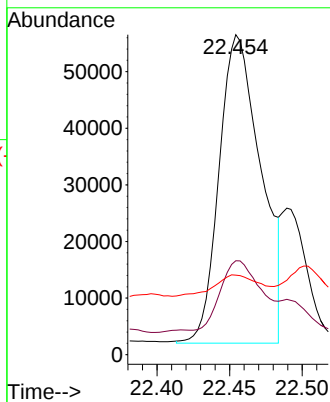
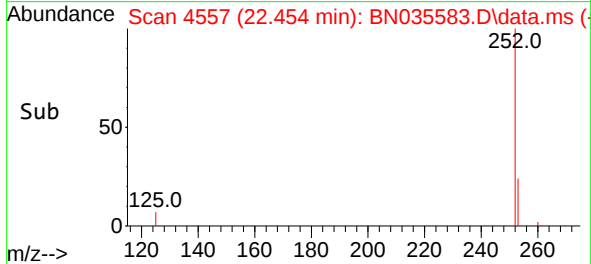
Instrument :
BNA_N
ClientSampleId :
E28P9



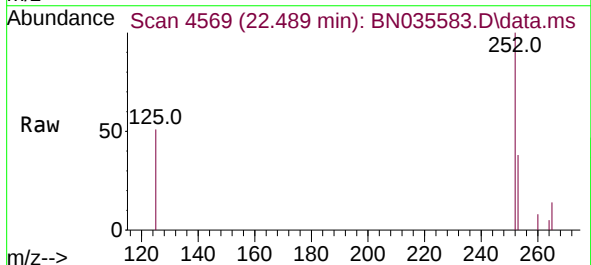
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Ion Ratio Lower Upper
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253 29.4 0.0 54.0
125 24.8 0.0 19.4

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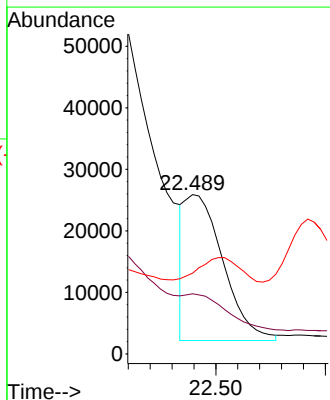
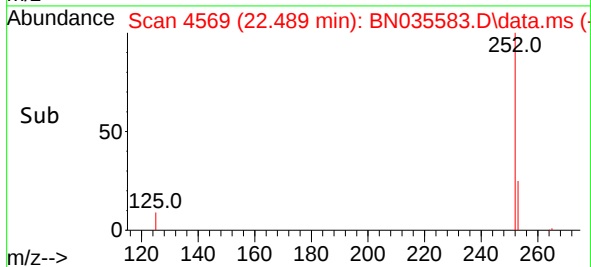
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

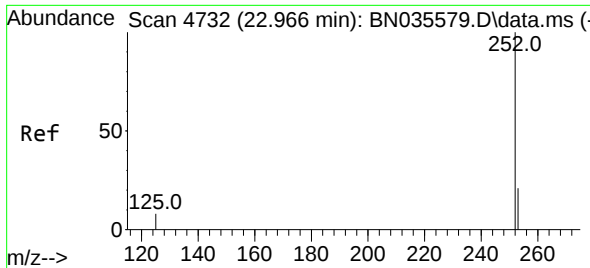


#25
Benzo(k)fluoranthene
Concen: 1.128 ng/ul m
RT: 22.489 min Scan# 4569
Delta R.T. 0.009 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06



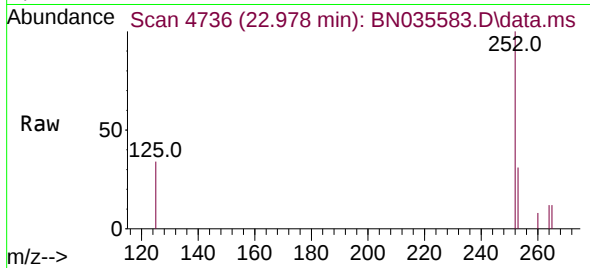
Tgt Ion:252 Resp: 28826
Ion Ratio Lower Upper
252 100
253 37.7 21.8 32.6#
125 50.7 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 2.187 ng/ul m
RT: 22.978 min Scan# 4736
Delta R.T. 0.018 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

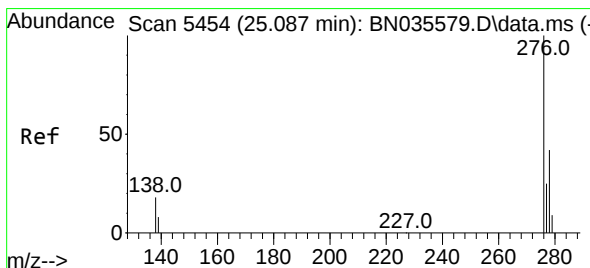
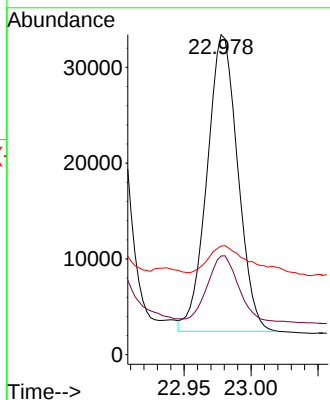
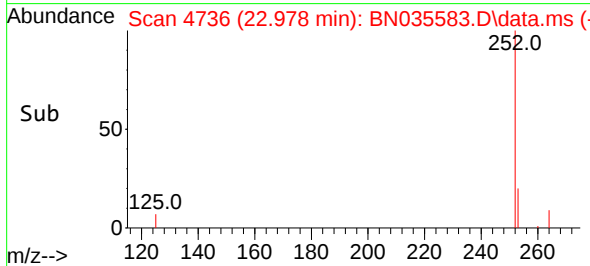
Instrument :
BNA_N
ClientSampleId :
E28P9



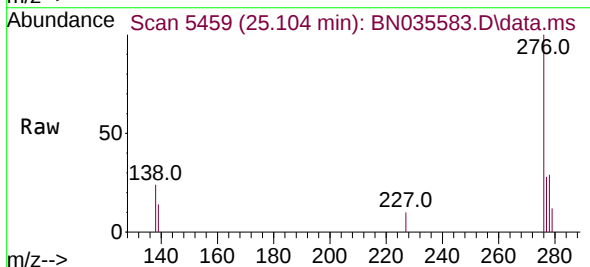
Tgt Ion:252 Resp: 4952
Ion Ratio Lower Upper
252 100
253 30.9 22.9 34.3
125 34.0 9.4 14.2

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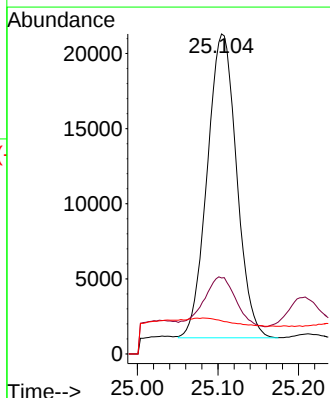
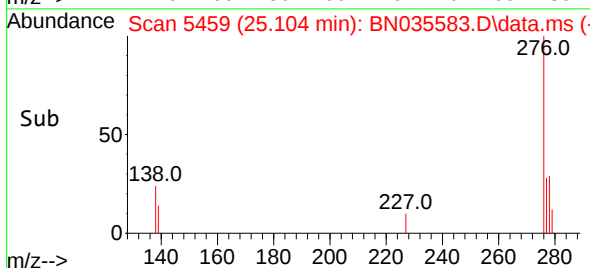
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

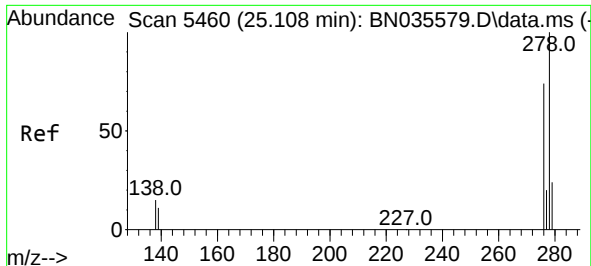


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.676 ng/ul m
RT: 25.104 min Scan# 5459
Delta R.T. 0.024 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06



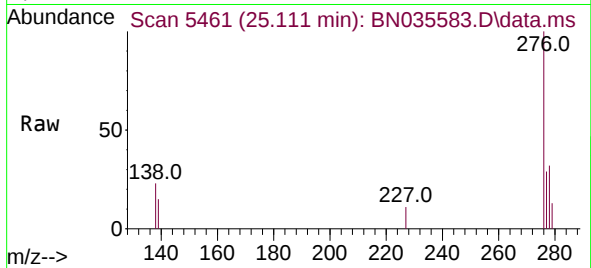
Tgt Ion:276 Resp: 51274
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.715 ng/ul m
RT: 25.111 min Scan# 5461
Delta R.T. 0.010 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06

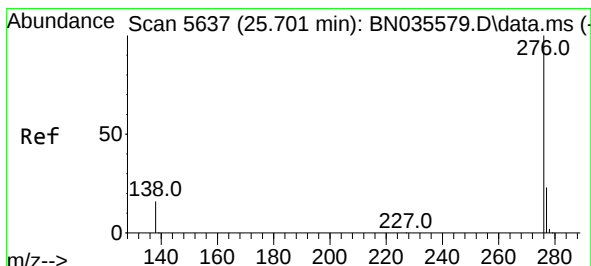
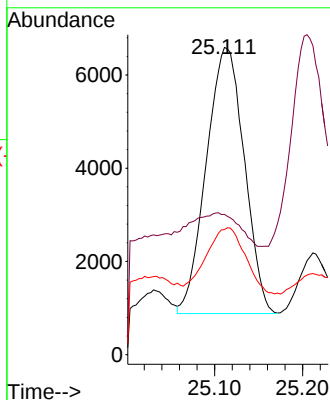
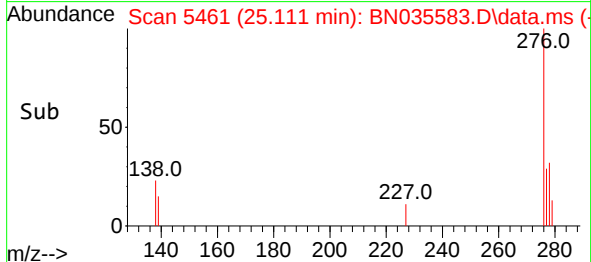
Instrument :
BNA_N
ClientSampleId :
E28P9



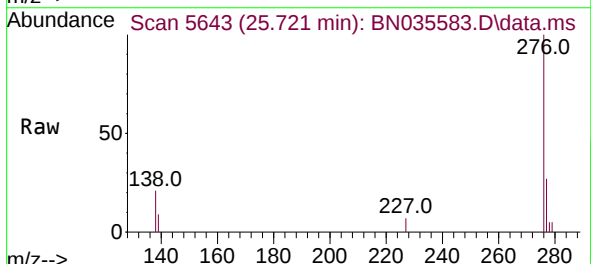
Tgt Ion:278 Resp: 17138
Ion Ratio Lower Upper
278 100
139 45.7 10.7 16.1
279 40.7 22.8 34.2

Manual Integrations
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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: 2.726 ng/ul m
RT: 25.721 min Scan# 5643
Delta R.T. 0.030 min
Lab File: BN035583.D
Acq: 12 Dec 2024 14:06



Tgt Ion:276 Resp: 65748
Ion Ratio Lower Upper
276 100
138 21.4 13.0 19.6
277 26.7 20.5 30.7

