

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035685.D
 Acq On : 19 Dec 2024 00:42
 Operator : RC/JU
 Sample : P5258-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 03:01:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7774	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5663	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12167	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	11098	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	12521	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	11238	4.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2863	0.259	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	6470	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.070	128	3241m	0.170	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1570	0.122	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	1194	0.090	ng/ul	100
10) Acenaphthylene	13.653	152	2110	0.096	ng/ul#	90
11) Acenaphthene	14.004	153	5971	0.360	ng/ul	99
12) Fluorene	15.008	166	5585	0.289	ng/ul	98
15) Phenanthrene	16.751	178	119423	3.922	ng/ul	98
16) Anthracene	16.840	178	25285	0.888	ng/ul	99
19) Fluoranthene	18.791	202	247819	6.244	ng/ul	99
20) Pyrene	19.158	202	176490	4.036	ng/ul	99
21) Benzo(a)anthracene	20.941	228	111953	3.041	ng/ul	99
22) Chrysene	20.991	228	105971	2.775	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252	139861m	3.790	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	49192m	1.205	ng/ul	
26) Benzo(a)pyrene	22.948	252	59022	1.652	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.064	276	49060	1.128	ng/ul#	63
28) Dibenzo(a,h)anthracene	25.074	278	15885m	0.478	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	7452	0.213	ng/ul	92

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

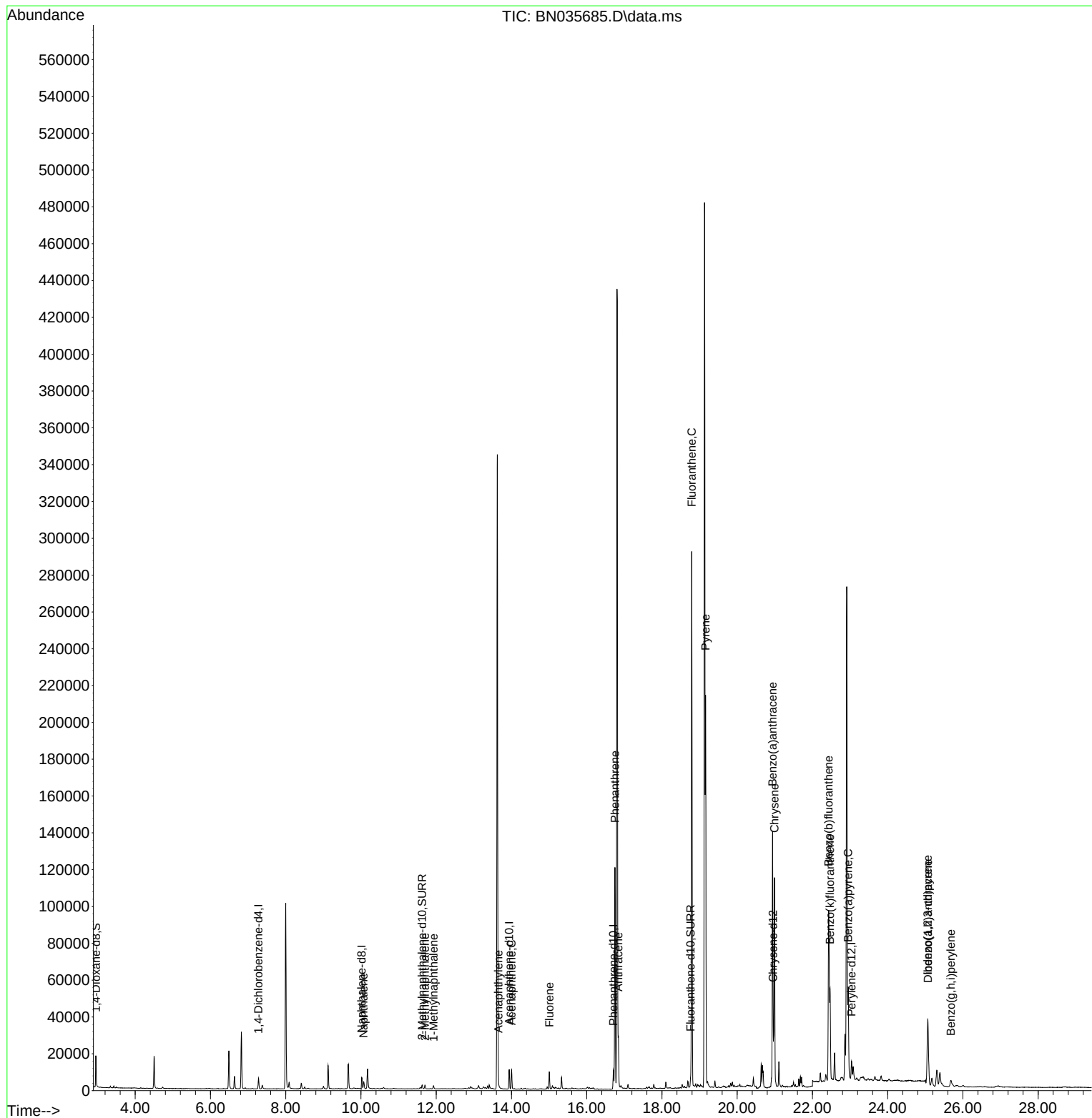
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035685.D
Acq On : 19 Dec 2024 00:42
Operator : RC/JU
Sample : P5258-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

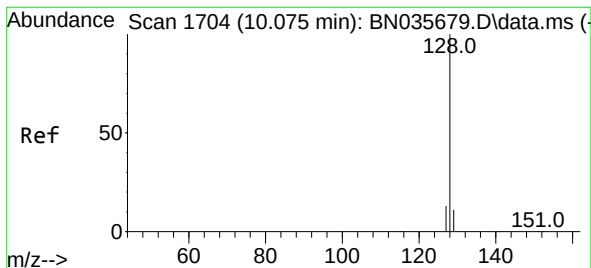
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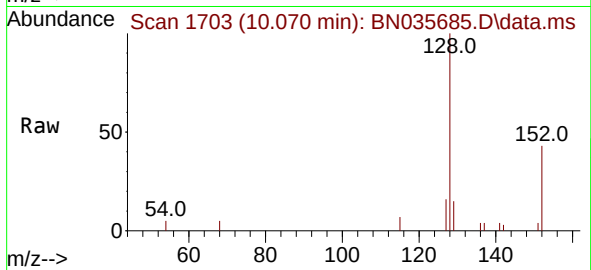
Quant Time: Dec 19 03:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.170 ng/ul m
RT: 10.070 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

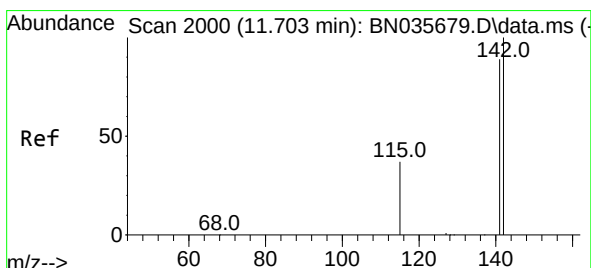
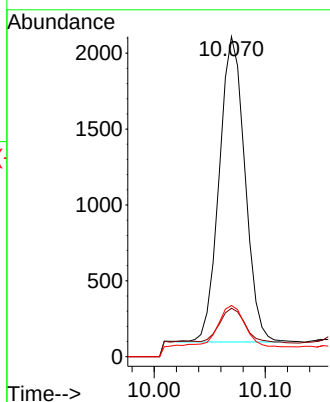
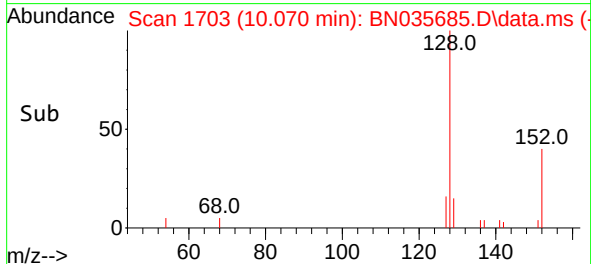
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:128 Resp: 324
Ion Ratio Lower Upper
128 100
129 15.2 10.8 16.2
127 16.0 12.0 18.0

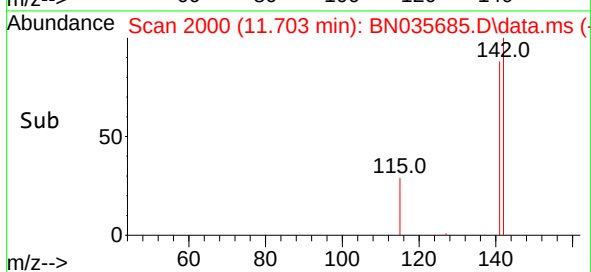
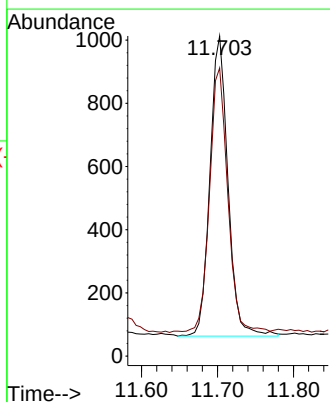
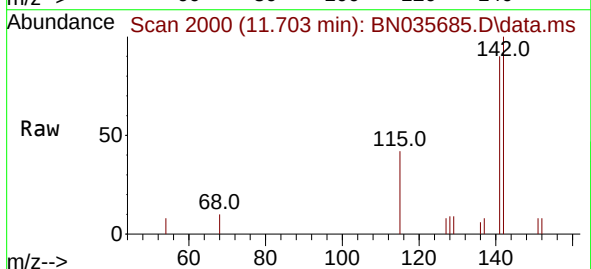
Manual Integrations
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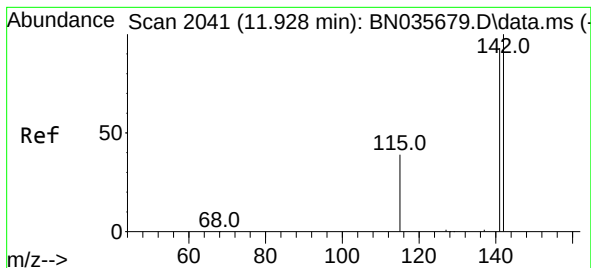
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

Tgt Ion:142 Resp: 1570
Ion Ratio Lower Upper
142 100
141 88.9 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 11.928 min Scan# 2041

Delta R.T. -0.011 min

Lab File: BN035685.D

Acq: 19 Dec 2024 00:42

Instrument :

BNA_N

ClientSampleId :

E28X3

Tgt Ion:142 Resp: 1194

Ion Ratio Lower Upper

142 100

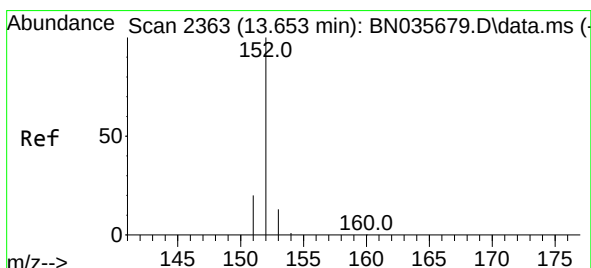
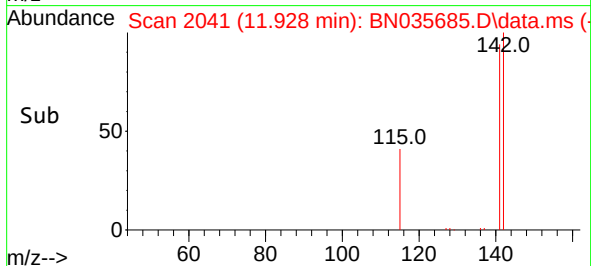
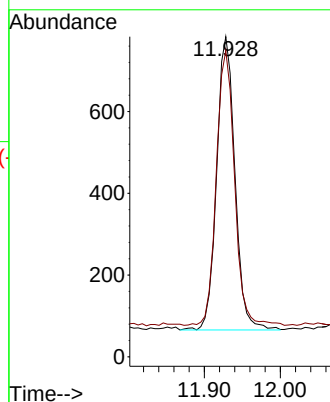
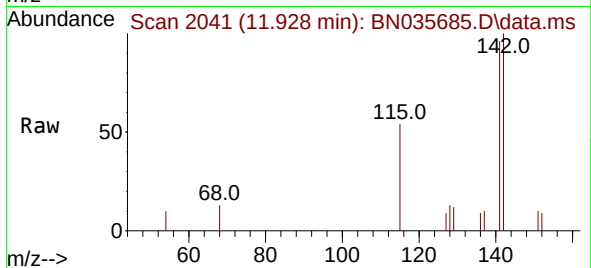
141 93.4 74.7 112.1

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#10

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.653 min Scan# 2363

Delta R.T. -0.009 min

Lab File: BN035685.D

Acq: 19 Dec 2024 00:42

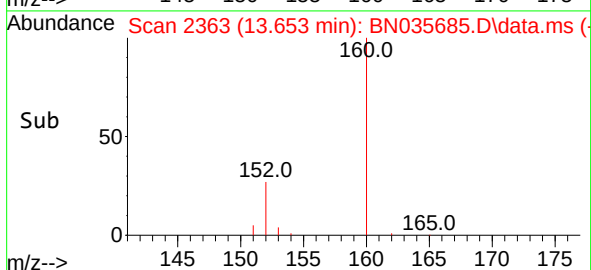
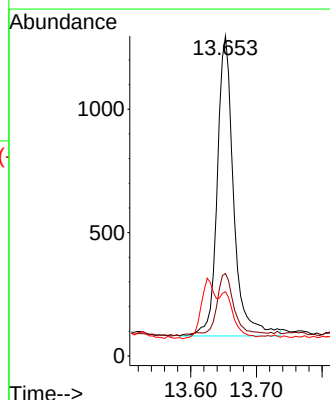
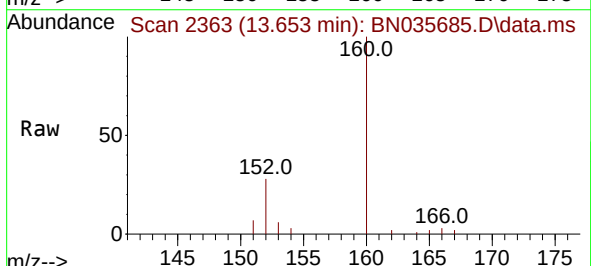
Tgt Ion:152 Resp: 2110

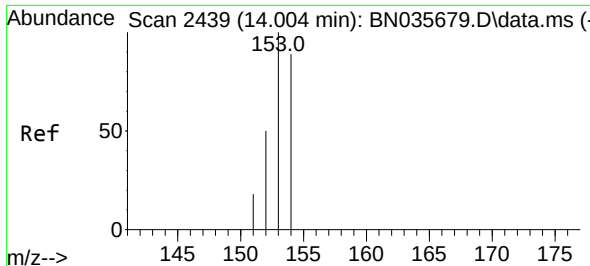
Ion Ratio Lower Upper

152 100

151 25.8 17.6 26.4

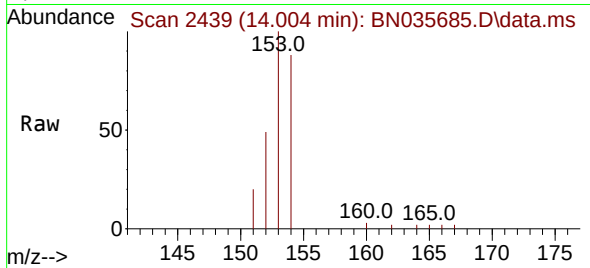
153 20.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.360 ng/u1
RT: 14.004 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

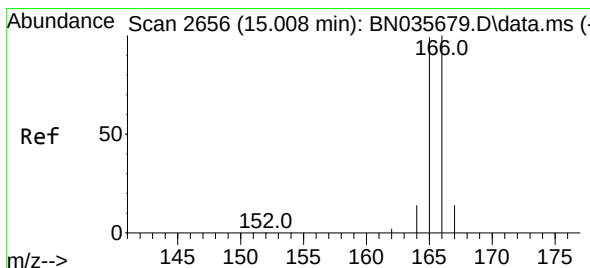
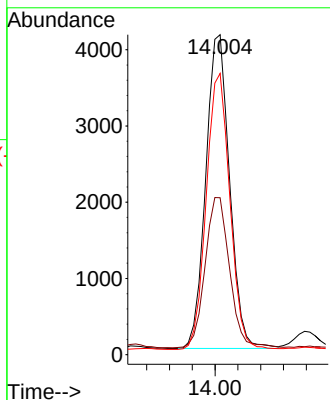
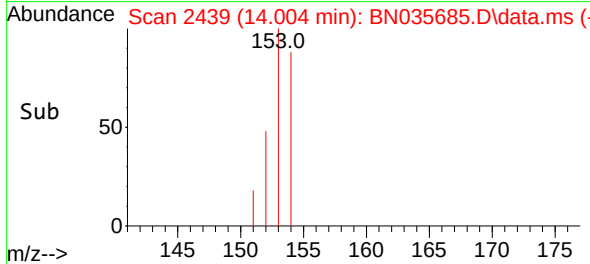
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:153 Resp: 597
Ion Ratio Lower Upper
153 100
152 49.1 39.8 59.6
154 87.9 69.8 104.8

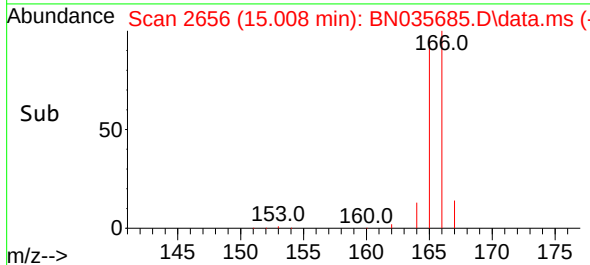
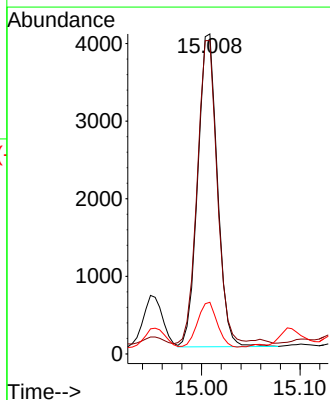
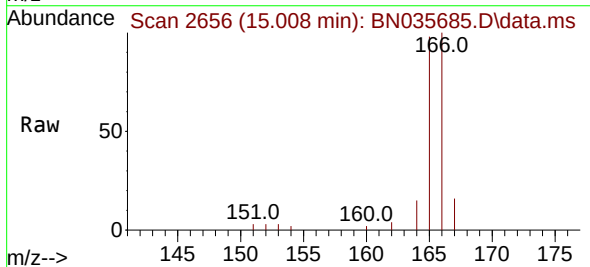
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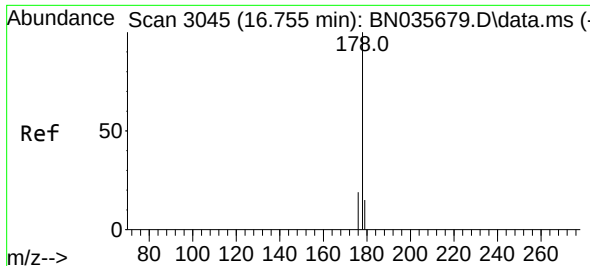
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.289 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

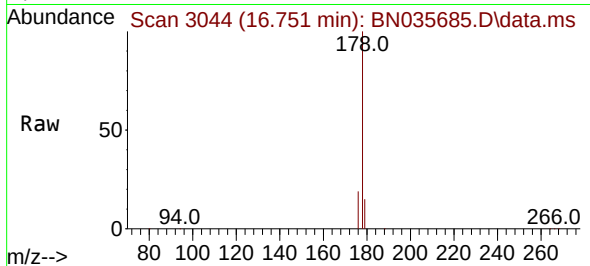
Tgt Ion:166 Resp: 5585
Ion Ratio Lower Upper
166 100
165 98.0 79.5 119.3
167 16.1 11.8 17.8





#15
Phenanthrene
Concen: 3.922 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

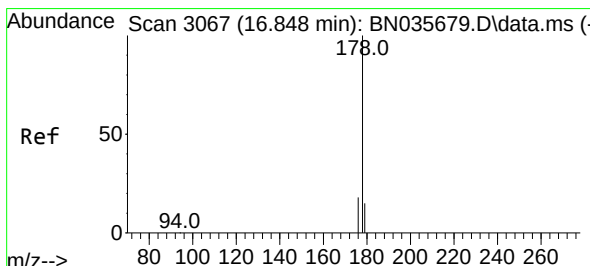
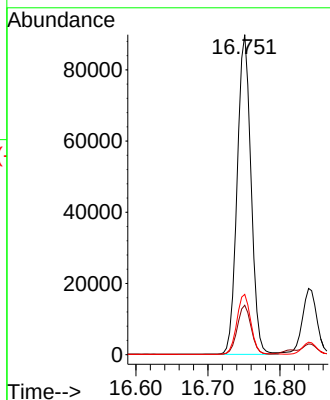
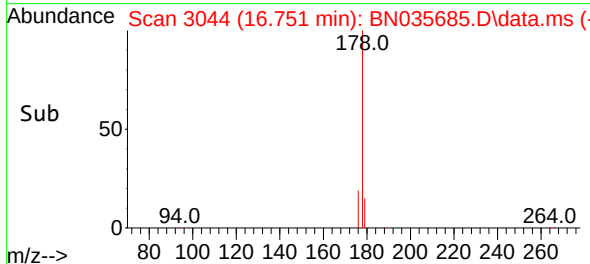
Instrument :
BNA_N
ClientSampleId :
E28X3



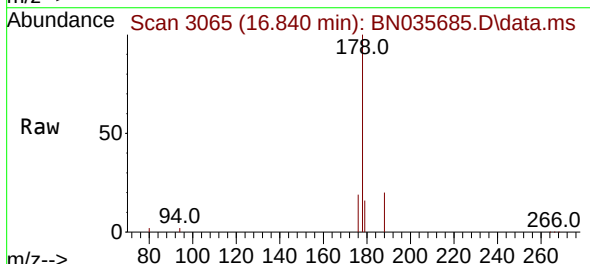
Tgt Ion:178 Resp: 11942
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 18.9 15.8 23.8

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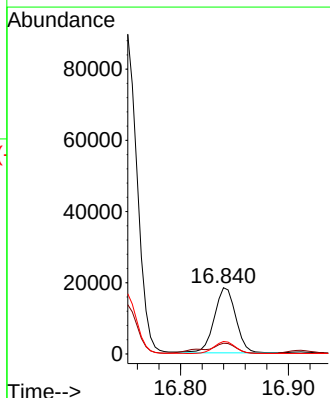
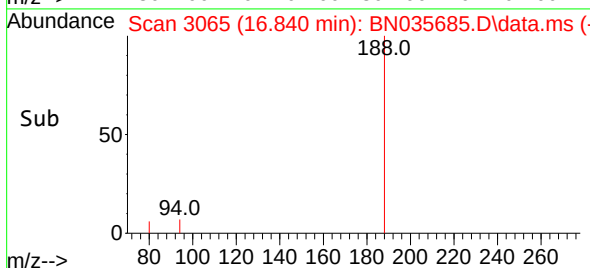
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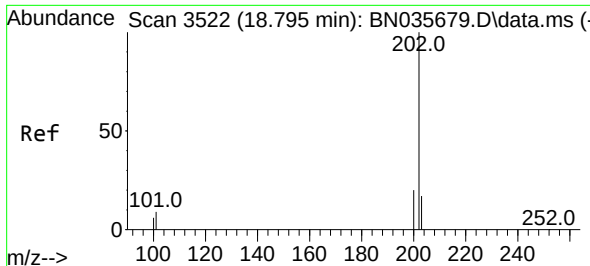


#16
Anthracene
Concen: 0.888 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42



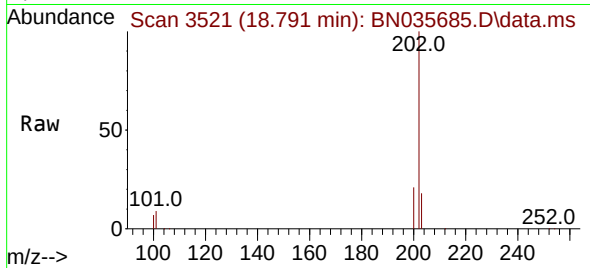
Tgt Ion:178 Resp: 25285
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.0
176 18.8 15.4 23.0





#19
Fluoranthene
Concen: 6.244 ng/ul
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

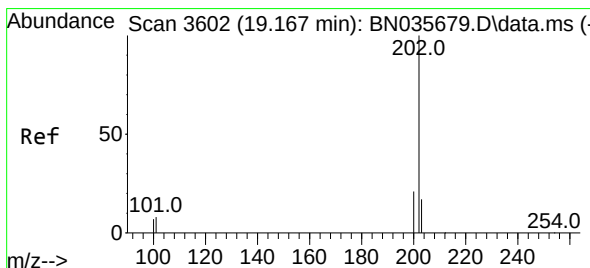
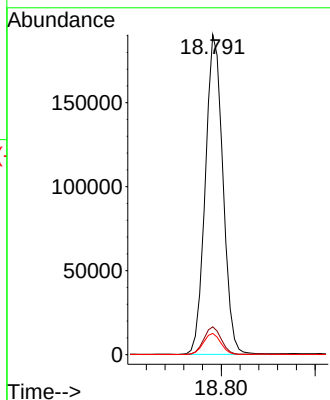
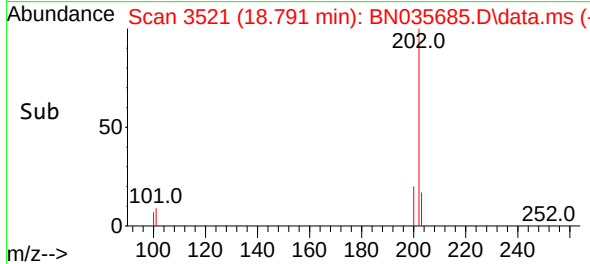
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:202 Resp: 247819
Ion Ratio Lower Upper
202 100
101 8.7 7.3 10.9
100 6.6 5.4 8.0

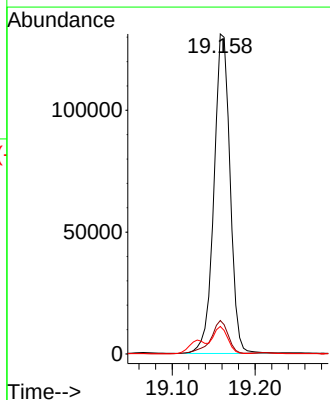
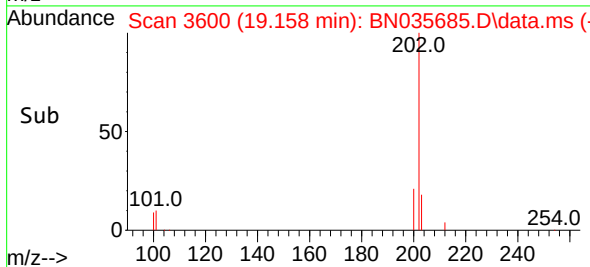
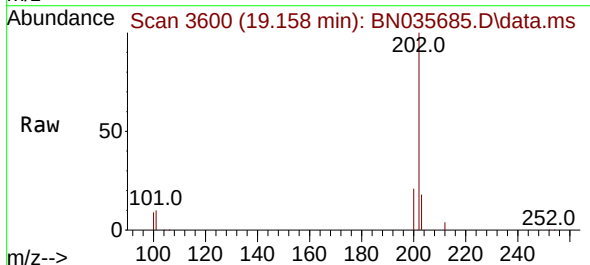
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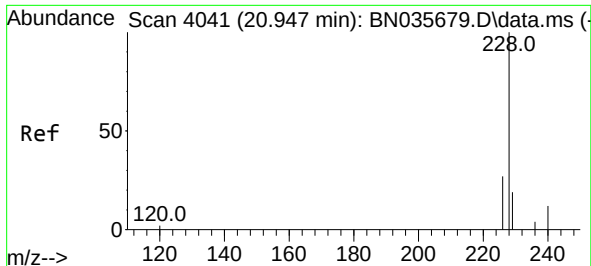
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 4.036 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

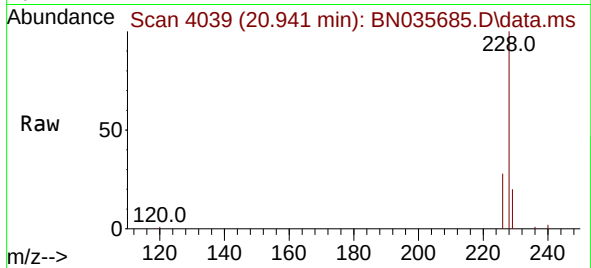
Tgt Ion:202 Resp: 176490
Ion Ratio Lower Upper
202 100
101 10.5 8.5 12.7
100 8.6 6.5 9.7





#21
Benzo(a)anthracene
Concen: 3.041 ng/ul
RT: 20.941 min Scan# 4041
Delta R.T. -0.009 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

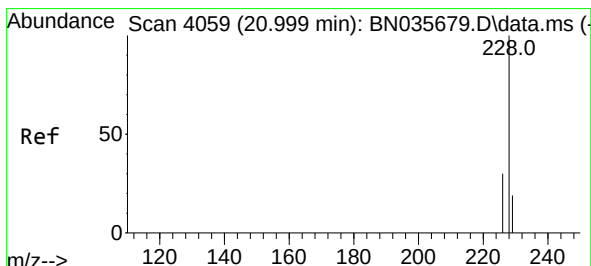
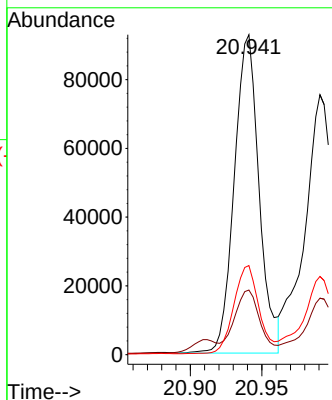
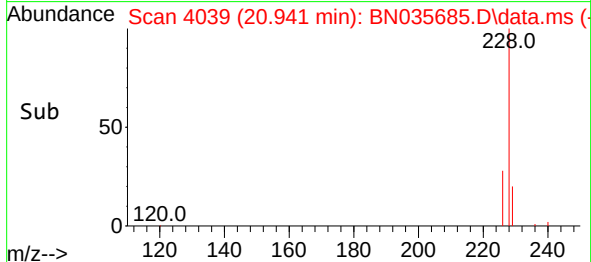
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:228 Resp: 111951
Ion Ratio Lower Upper
228 100
229 20.2 16.6 25.0
226 27.8 22.5 33.7

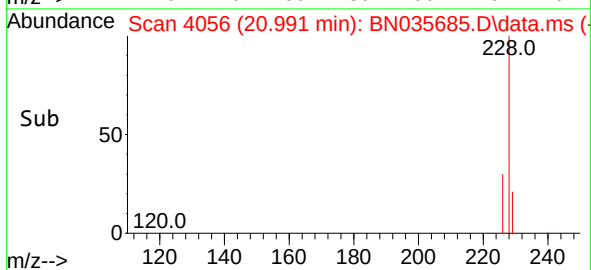
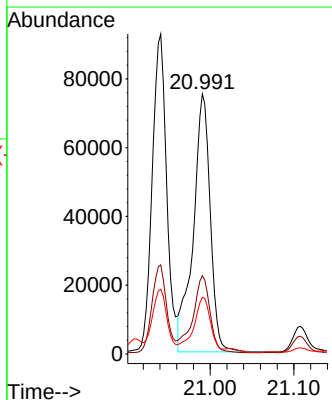
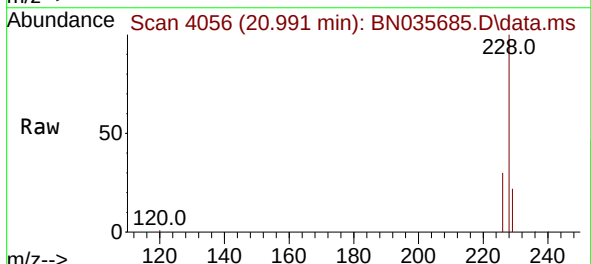
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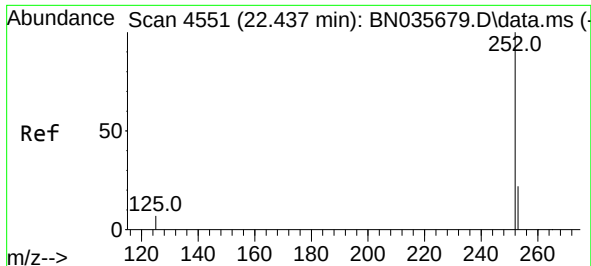
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 2.775 ng/ul
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

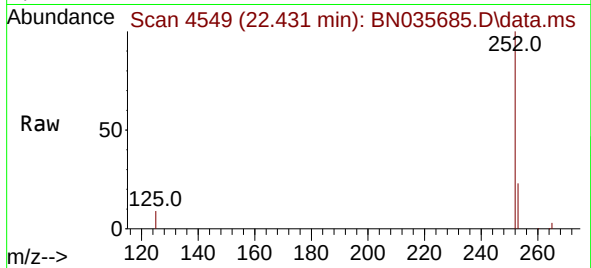
Tgt Ion:228 Resp: 105971
Ion Ratio Lower Upper
228 100
226 30.1 25.1 37.7
229 21.7 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 3.790 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.011 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

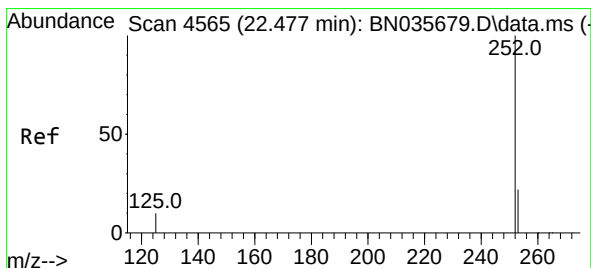
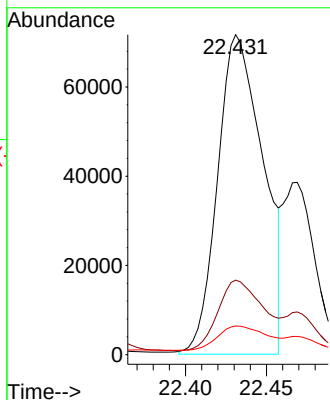
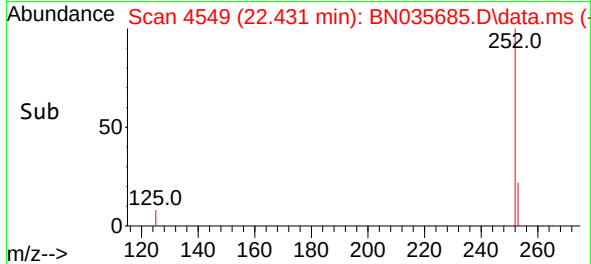
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:252 Resp: 13986
Ion Ratio Lower Upper
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253 23.3 0.0 56.4
125 8.9 0.0 37.6

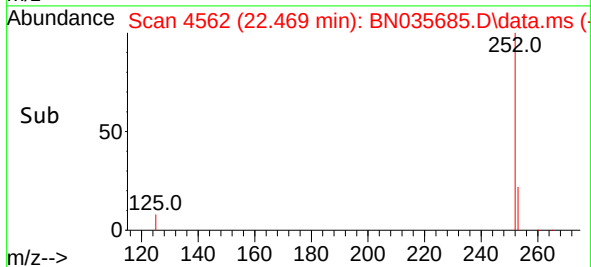
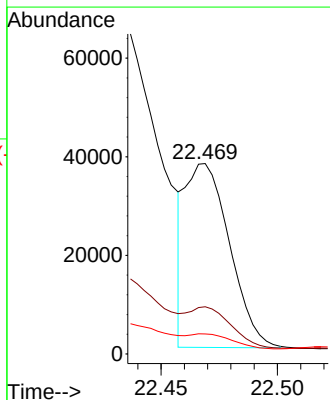
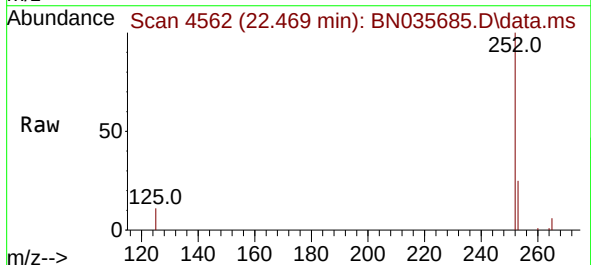
Manual Integrations
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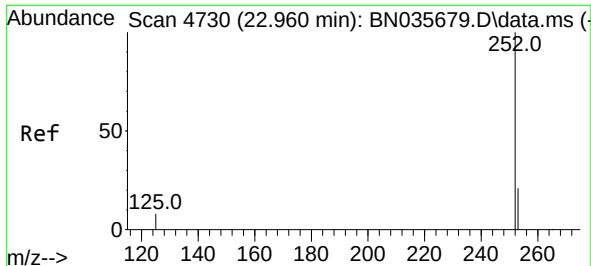
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.205 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.011 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

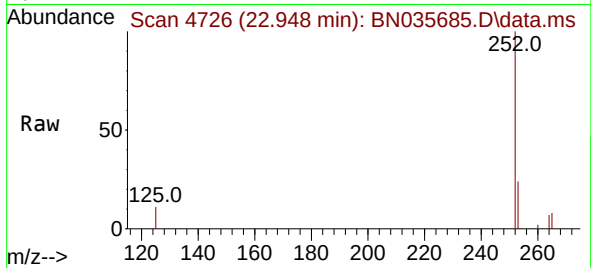
Tgt Ion:252 Resp: 49192
Ion Ratio Lower Upper
252 100
253 24.8 22.1 33.1
125 10.5 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 1.652 ng/ul
RT: 22.948 min Scan# 41
Delta R.T. -0.014 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

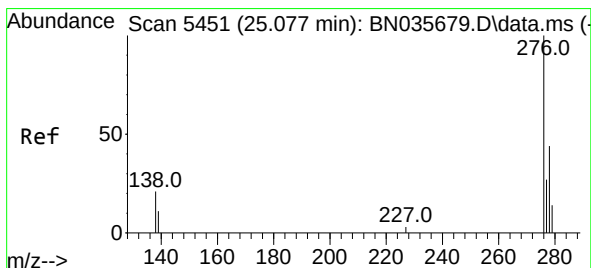
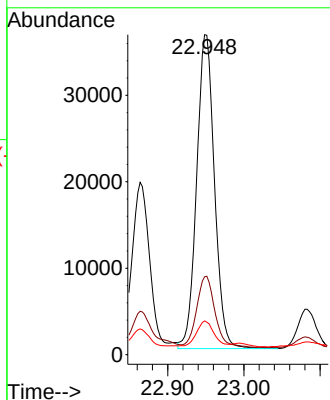
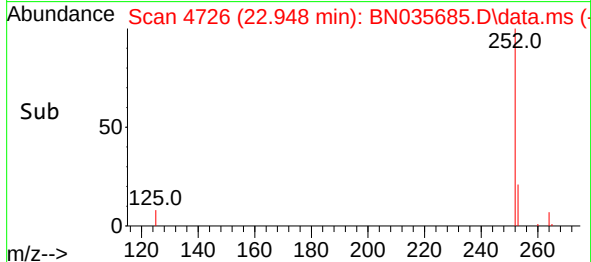
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:252 Resp: 5902
Ion Ratio Lower Upper
252 100
253 24.3 24.1 36.1
125 10.5 19.1 28.7

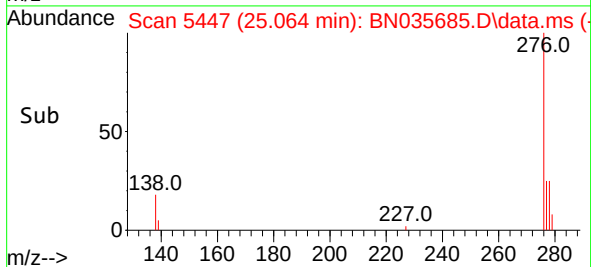
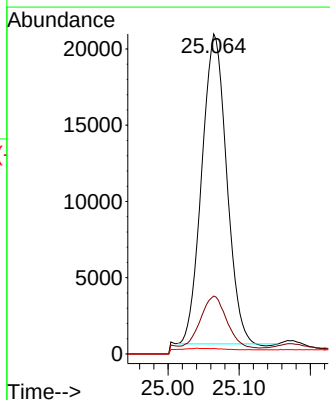
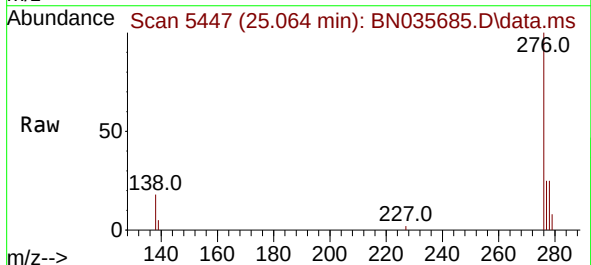
Manual Integrations
APPROVED

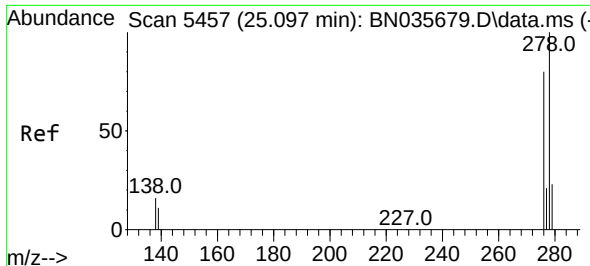
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.128 ng/ul
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

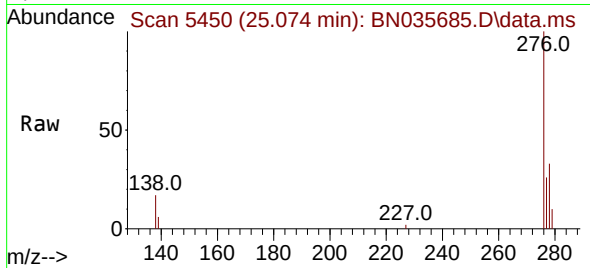
Tgt Ion:276 Resp: 49060
Ion Ratio Lower Upper
276 100
138 24.5 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul m
RT: 25.074 min Scan# 5457
Delta R.T. -0.027 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

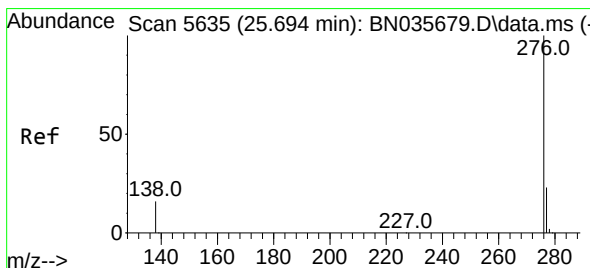
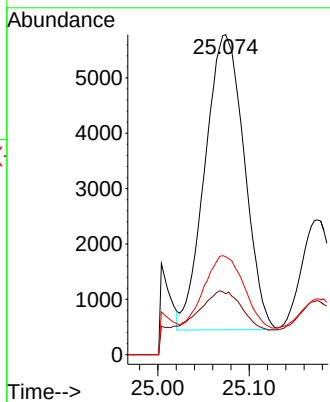
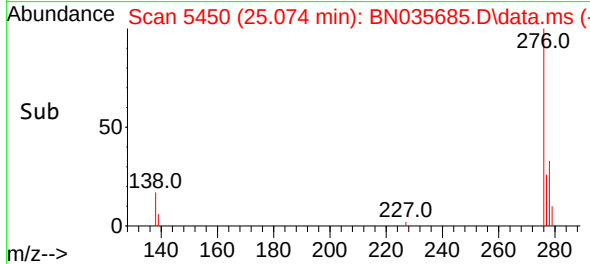
Instrument :
BNA_N
ClientSampleId :
E28X3



Tgt Ion:278 Resp: 1588
Ion Ratio Lower Upper
278 100
139 19.1 19.8 29.8
279 30.6 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.213 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035685.D
Acq: 19 Dec 2024 00:42

Tgt Ion:276 Resp: 7452
Ion Ratio Lower Upper
276 100
138 26.9 19.6 29.4
277 32.2 21.6 32.4

