

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035687.D
 Acq On : 19 Dec 2024 01:54
 Operator : RC/JU
 Sample : P5258-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X5

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 03:10:04 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	7.280	152	2786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7775	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	5569	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12033	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	10629	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	12502	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	10376	4.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2398	0.217	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4211	0.136	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	1975m	0.104	ng/ul	
7) 2-Methylnaphthalene	11.703	142	822	0.064	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	666	0.050	ng/ul	99
10) Acenaphthylene	13.652	152	934	0.043	ng/ul#	79
11) Acenaphthene	14.004	153	4311	0.264	ng/ul	99
12) Fluorene	15.008	166	2920	0.154	ng/ul	99
15) Phenanthrene	16.751	178	61901	2.055	ng/ul	98
16) Anthracene	16.839	178	13934	0.495	ng/ul	100
19) Fluoranthene	18.791	202	138586	3.646	ng/ul	100
20) Pyrene	19.162	202	122941	2.936	ng/ul	98
21) Benzo(a)anthracene	20.941	228	60135	1.706	ng/ul	99
22) Chrysene	20.993	228	60414	1.652	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252	83719m	2.272	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	29340m	0.720	ng/ul	
26) Benzo(a)pyrene	22.951	252	60779	1.703	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.067	276	45131	1.039	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.077	278	8918m	0.269	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	46166	1.324	ng/ul#	92

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

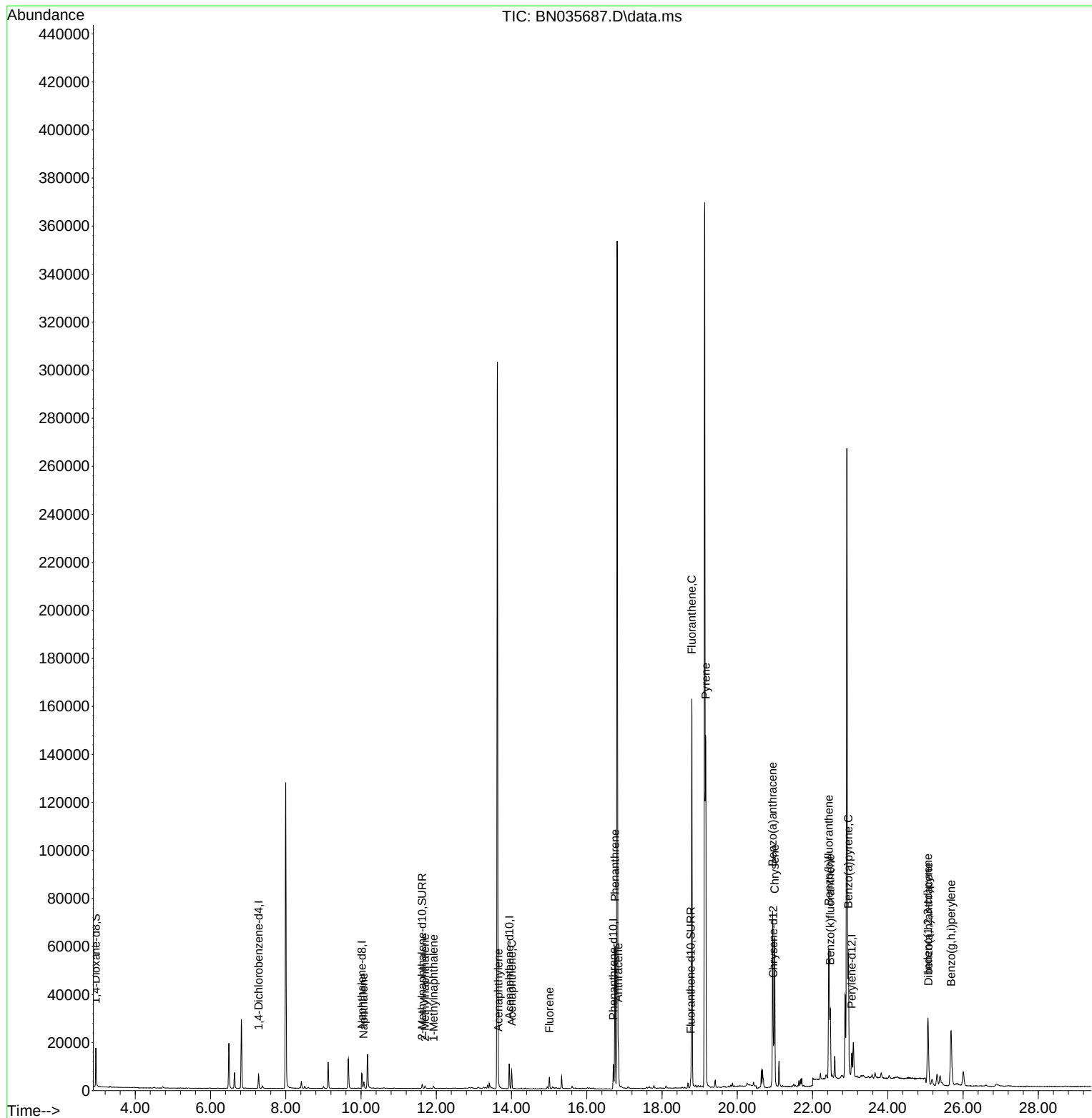
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035687.D
Acq On : 19 Dec 2024 01:54
Operator : RC/JU
Sample : P5258-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

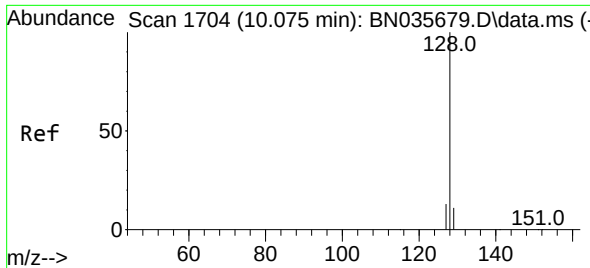
Instrument :
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E28X5

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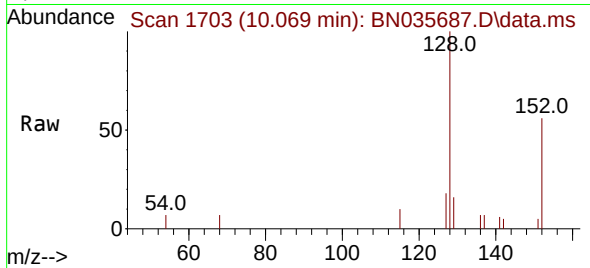
Quant Time: Dec 19 03:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.104 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

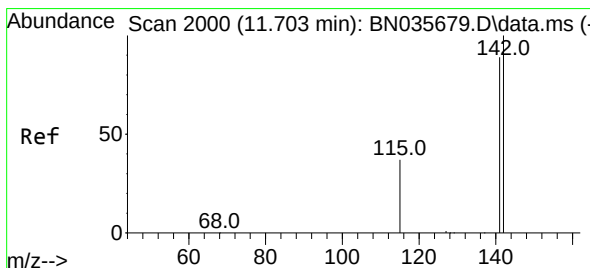
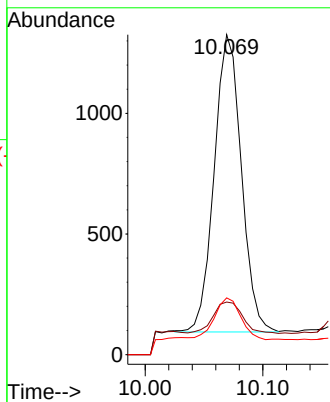
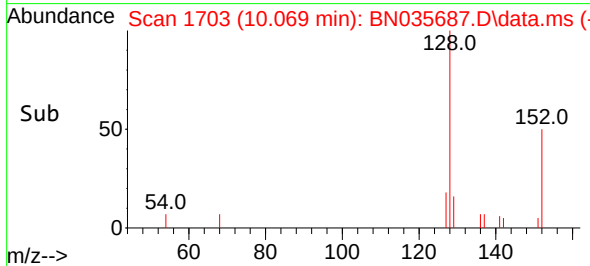
Instrument :
BNA_N
ClientSampleId :
E28X5



Tgt Ion:128 Resp: 1975
Ion Ratio Lower Upper
128 100
129 16.4 10.8 16.2
127 17.7 12.0 18.0

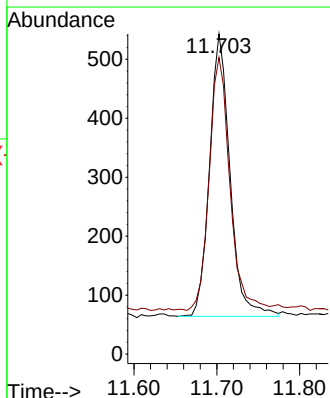
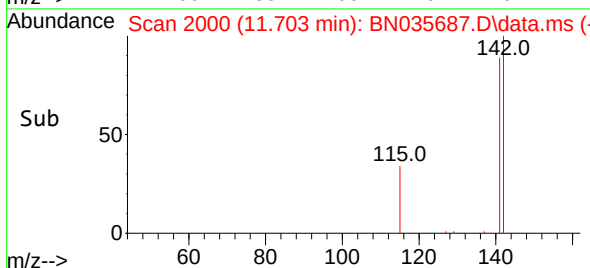
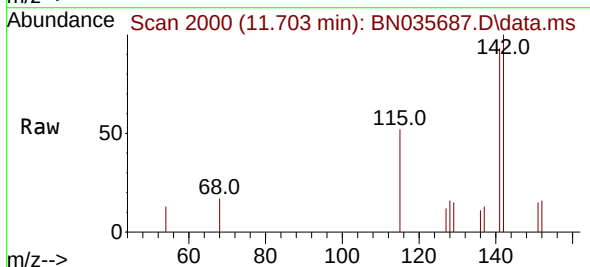
Manual Integrations
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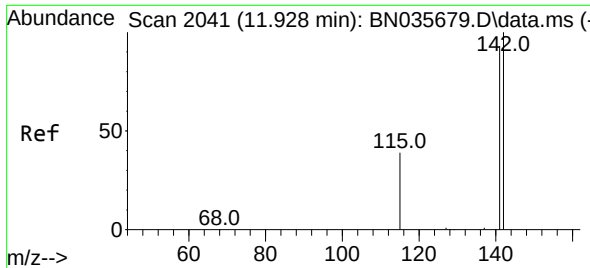
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

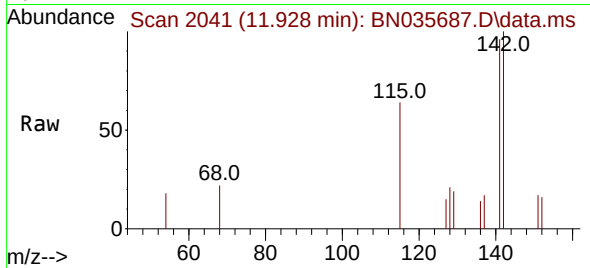
Tgt Ion:142 Resp: 822
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

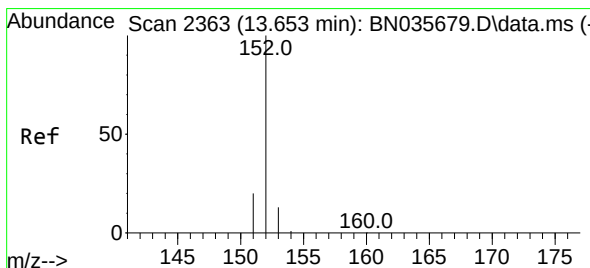
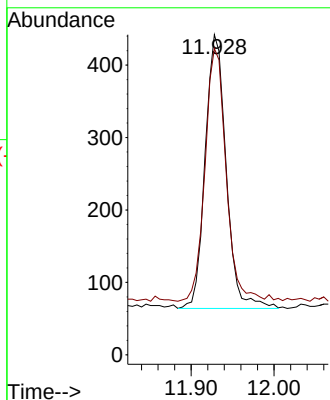
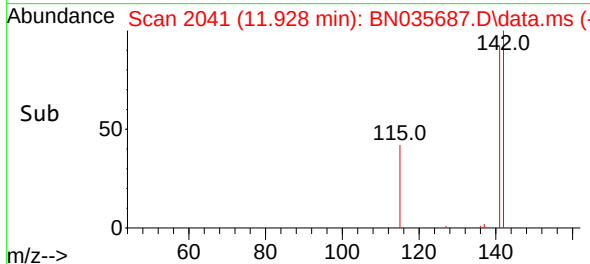
Instrument :
BNA_N
ClientSampleId :
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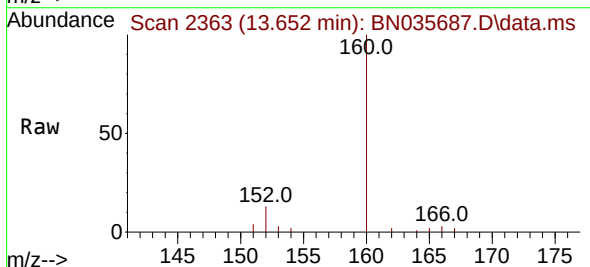
Tgt Ion:142 Resp: 660
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1

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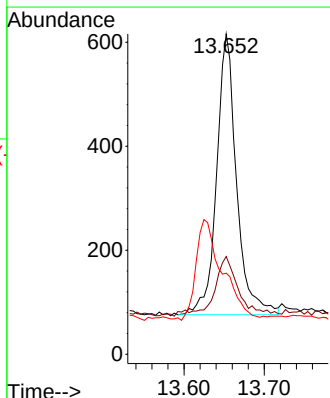
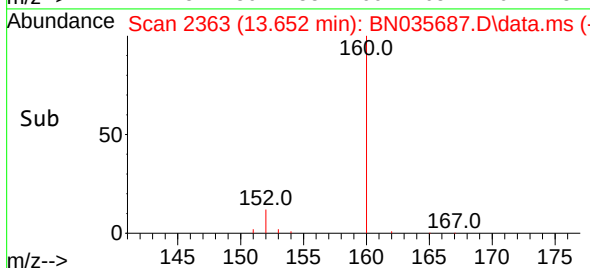
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

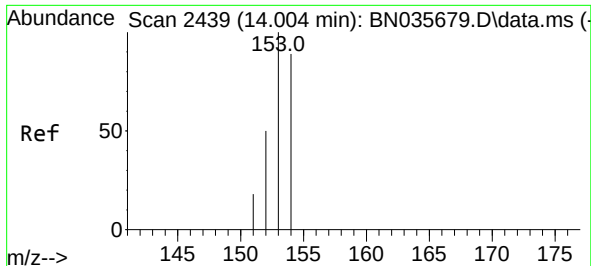


#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.652 min Scan# 2363
Delta R.T. -0.009 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54



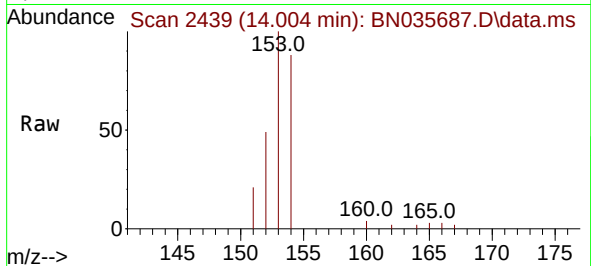
Tgt Ion:152 Resp: 934
Ion Ratio Lower Upper
152 100
151 30.5 17.6 26.4#
153 25.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.264 ng/ul
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

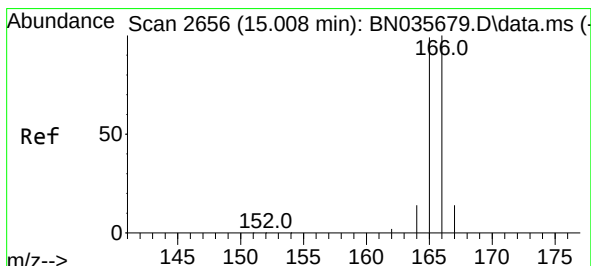
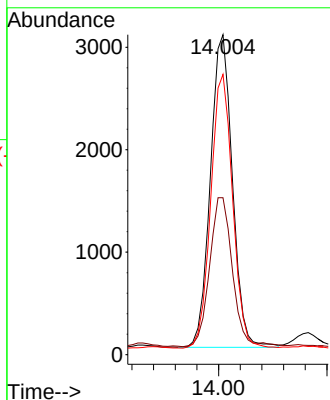
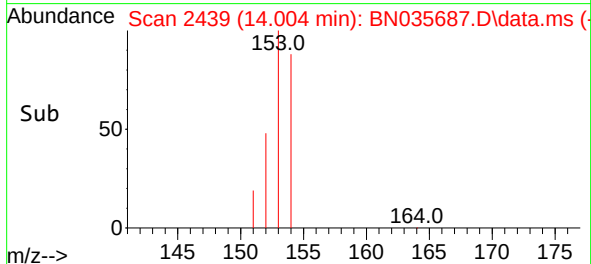
Instrument :
BNA_N
ClientSampleId :
E28X5



Tgt Ion:153 Resp: 431
Ion Ratio Lower Upper
153 100
152 49.1 39.8 59.6
154 87.6 69.8 104.8

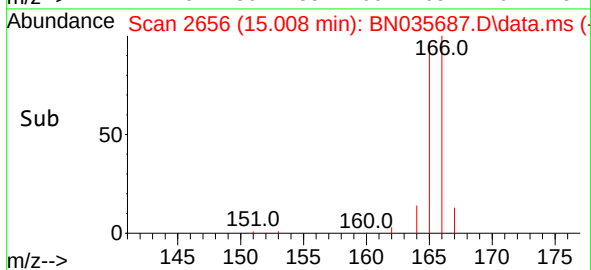
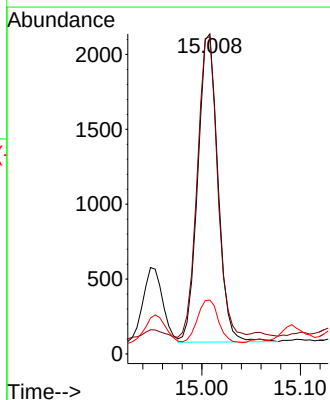
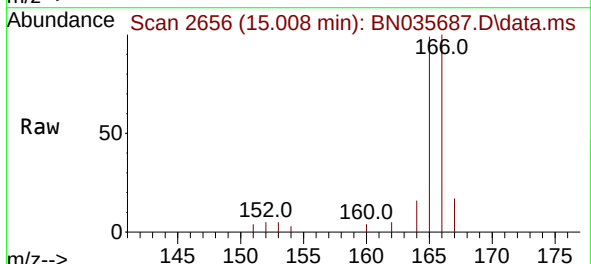
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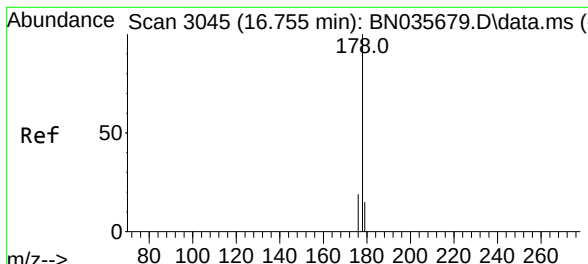
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

Tgt Ion:166 Resp: 2920
Ion Ratio Lower Upper
166 100
165 99.2 79.5 119.3
167 16.8 11.8 17.8





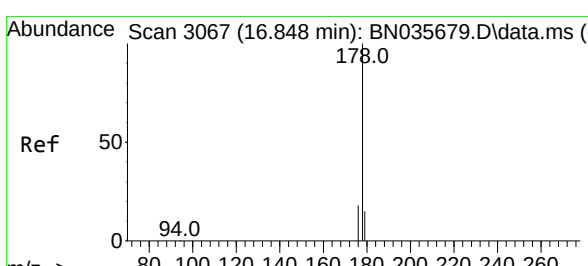
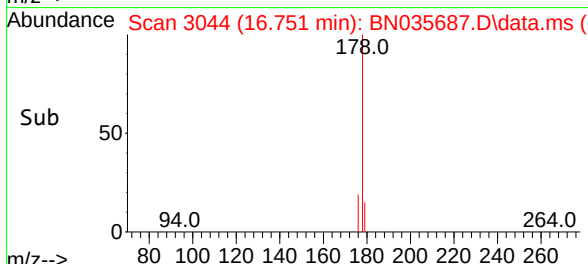
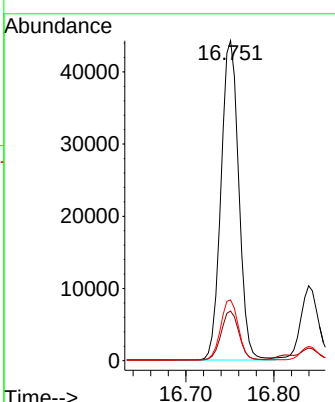
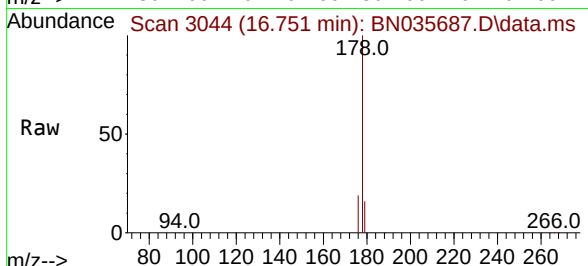
#15
 Phenanthrene
 Concen: 2.055 ng/ul
 RT: 16.751 min Scan# 3044
 Delta R.T. -0.009 min
 Lab File: BN035687.D
 Acq: 19 Dec 2024 01:54

Instrument : BNA_N
 ClientSampleId : E28X5

Tgt Ion:178 Resp: 6190

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	19.0	15.8	23.8

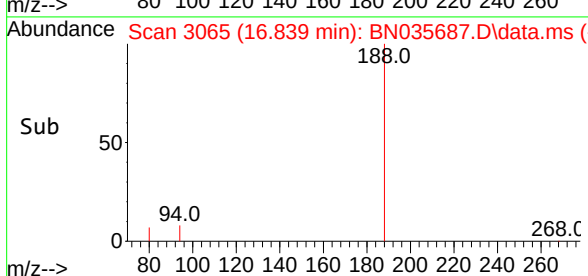
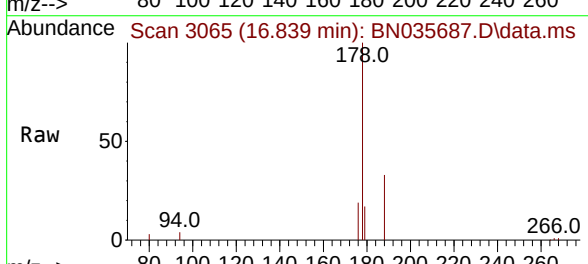
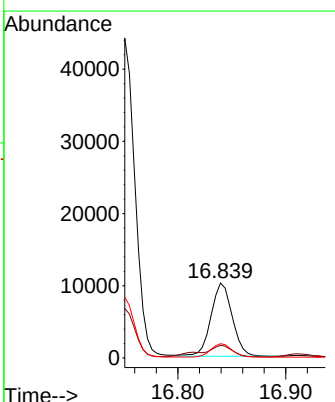
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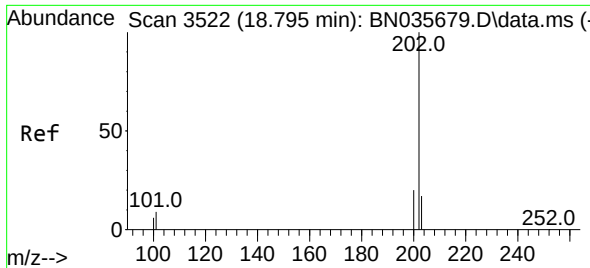


#16
 Anthracene
 Concen: 0.495 ng/ul
 RT: 16.839 min Scan# 3065
 Delta R.T. -0.009 min
 Lab File: BN035687.D
 Acq: 19 Dec 2024 01:54

Tgt Ion:178 Resp: 13934

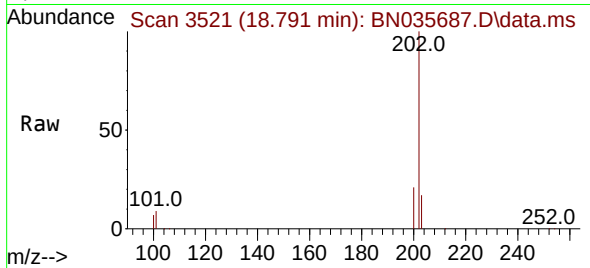
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.0
176	19.1	15.4	23.0





#19
Fluoranthene
Concen: 3.646 ng/ul
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

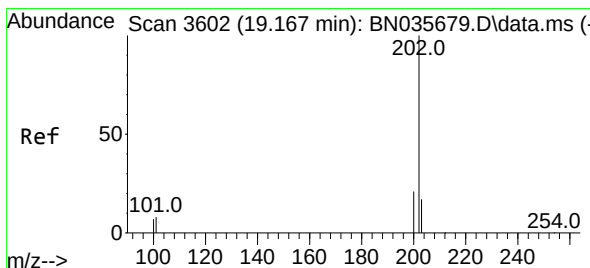
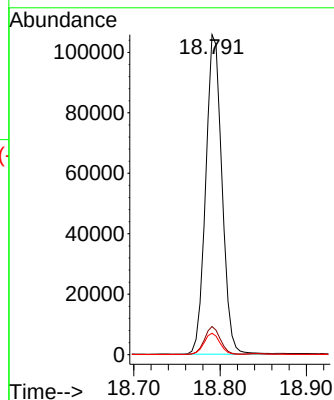
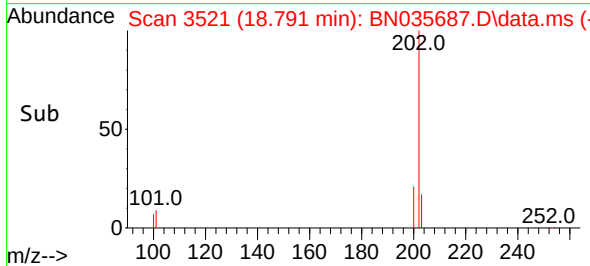
Instrument :
BNA_N
ClientSampleId :
E28X5



Tgt Ion:202 Resp: 138580
Ion Ratio Lower Upper
202 100
101 8.8 7.3 10.9
100 6.7 5.4 8.0

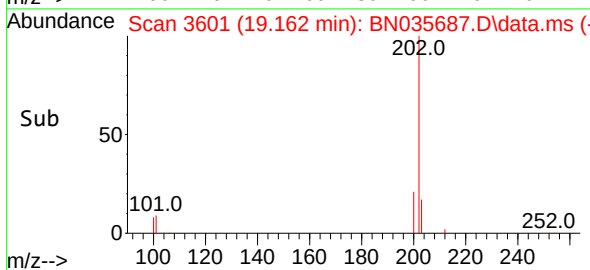
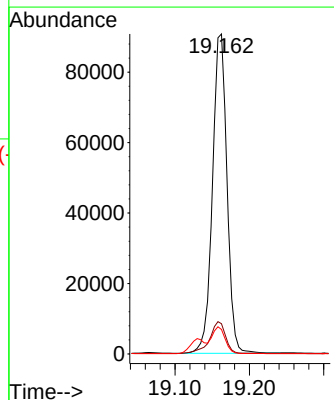
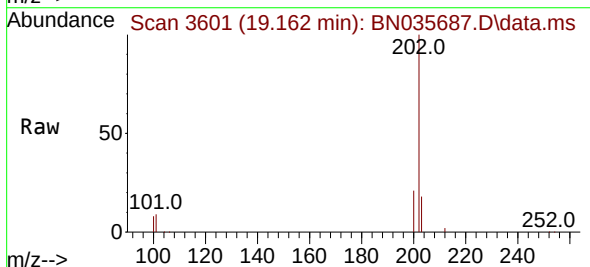
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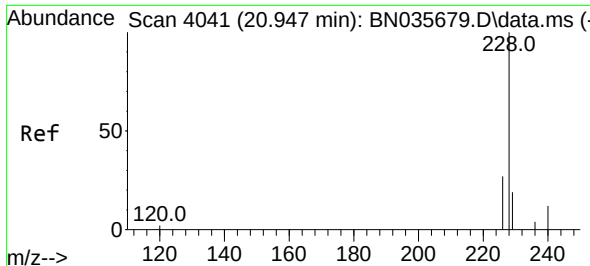
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 2.936 ng/ul
RT: 19.162 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

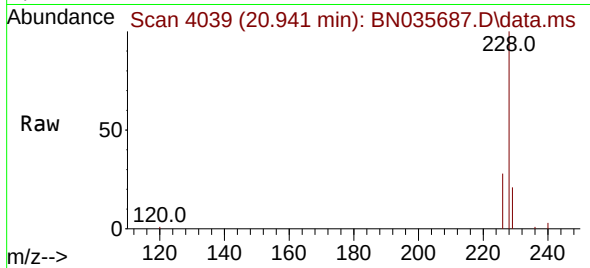
Tgt Ion:202 Resp: 122941
Ion Ratio Lower Upper
202 100
101 9.4 8.5 12.7
100 7.7 6.5 9.7





#21
Benzo(a)anthracene
Concen: 1.706 ng/ul
RT: 20.941 min Scan# 4041
Delta R.T. -0.009 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

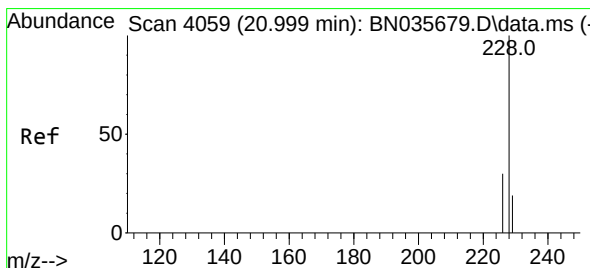
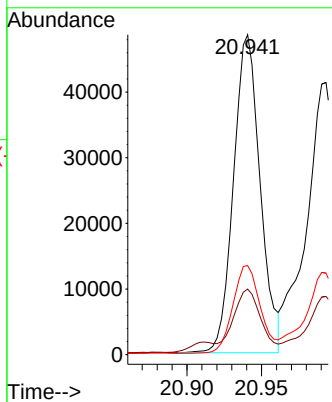
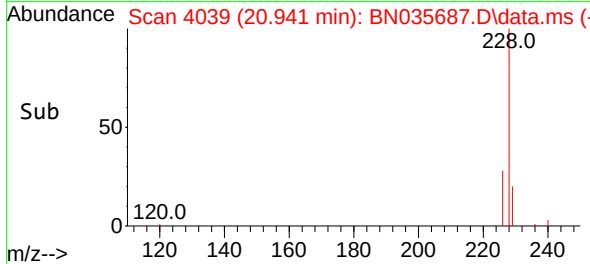
Instrument :
BNA_N
ClientSampleId :
E28X5



Tgt Ion:228 Resp: 60135
Ion Ratio Lower Upper
228 100
229 20.5 16.6 25.0
226 27.9 22.5 33.7

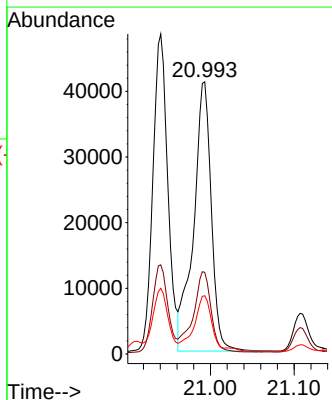
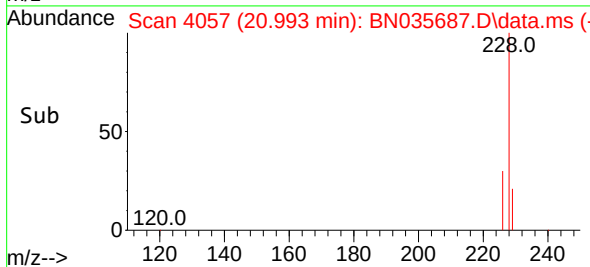
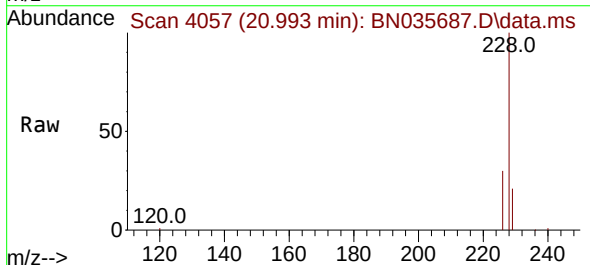
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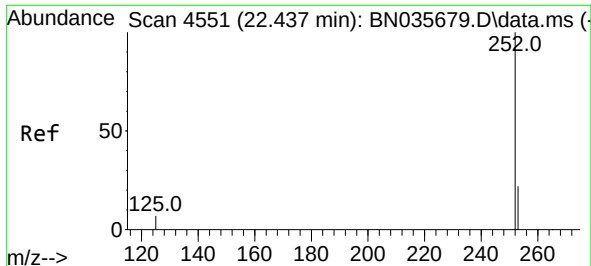
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 1.652 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

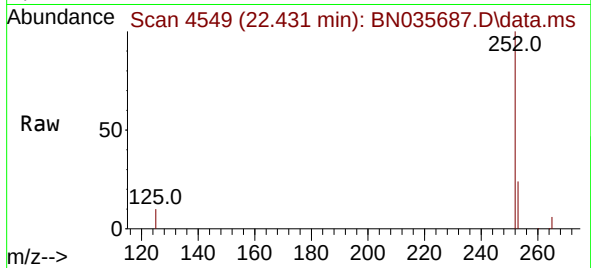
Tgt Ion:228 Resp: 60414
Ion Ratio Lower Upper
228 100
226 30.0 25.1 37.7
229 21.4 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 2.272 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

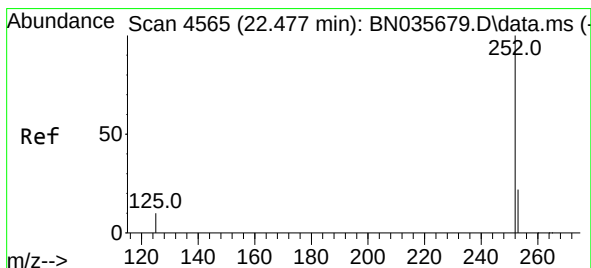
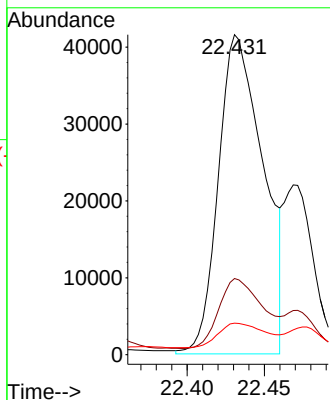
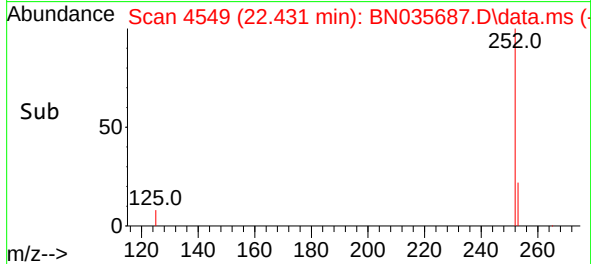
Instrument :
BNA_N
ClientSampleId :
E28X5



Tgt Ion:252 Resp: 83719
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.4
125 9.9 0.0 37.6

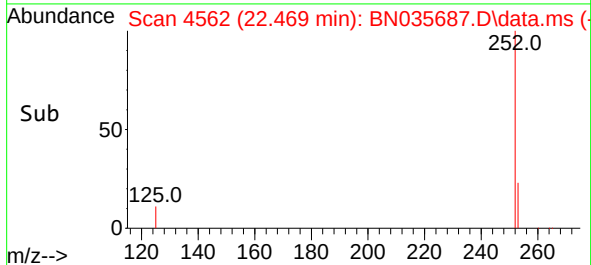
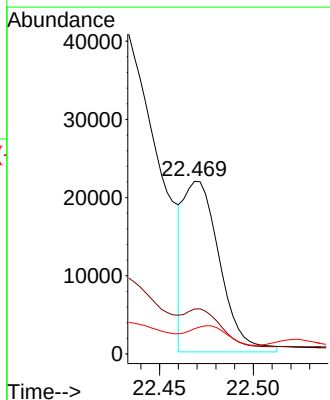
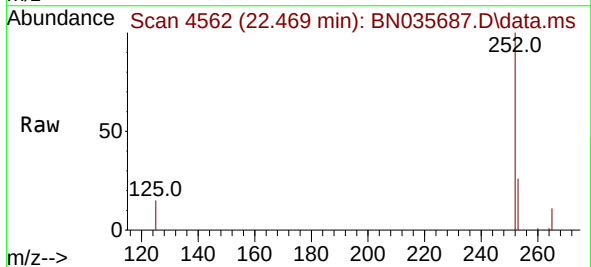
Manual Integrations
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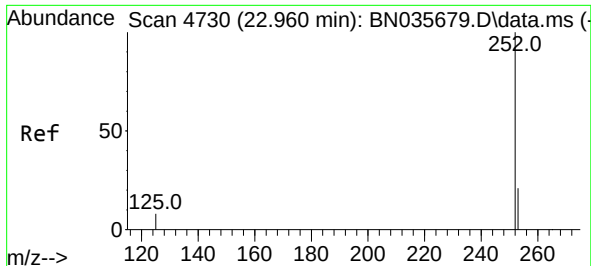
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.720 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

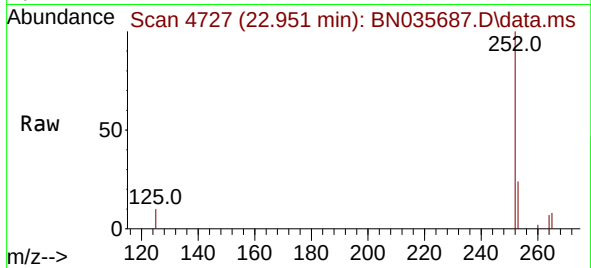
Tgt Ion:252 Resp: 29340
Ion Ratio Lower Upper
252 100
253 26.0 22.1 33.1
125 14.6 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 1.703 ng/ul
RT: 22.951 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

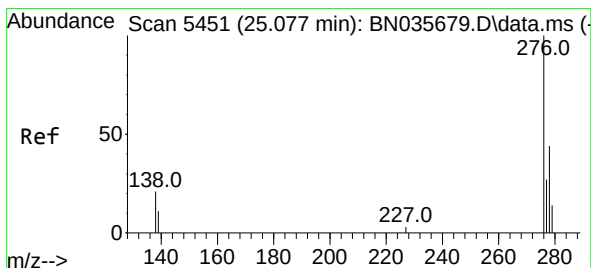
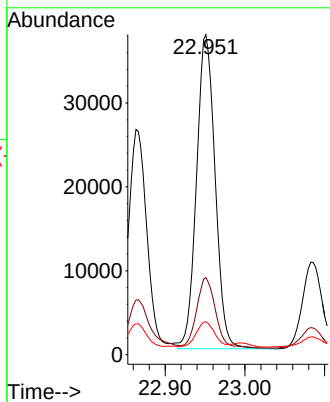
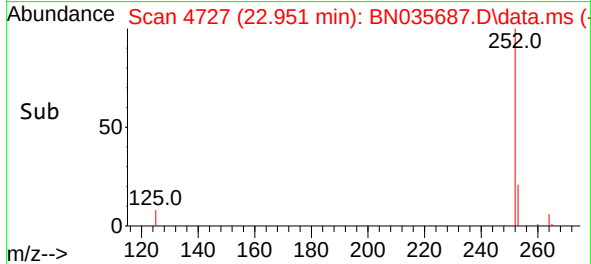
Instrument :
BNA_N
ClientSampleId :
E28X5



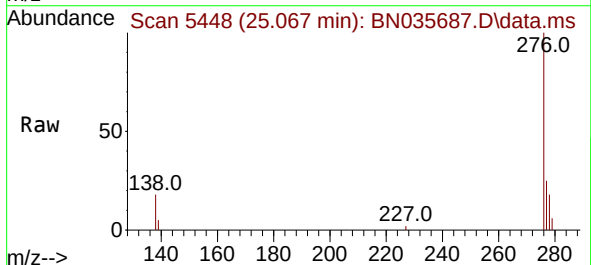
Tgt Ion:252 Resp: 60779
Ion Ratio Lower Upper
252 100
253 24.1 24.1 36.1
125 10.3 19.1 28.7

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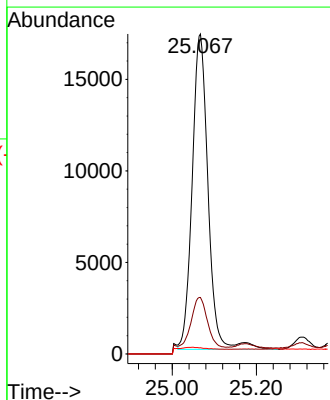
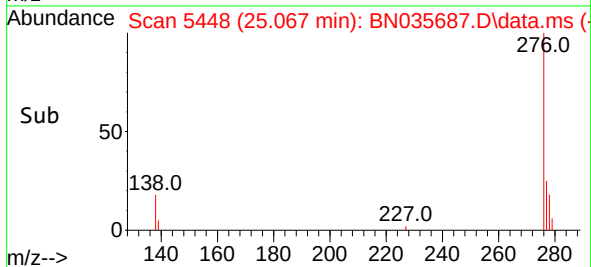
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

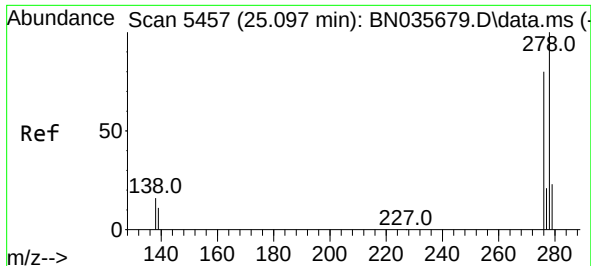


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.039 ng/ul
RT: 25.067 min Scan# 5448
Delta R.T. -0.014 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54



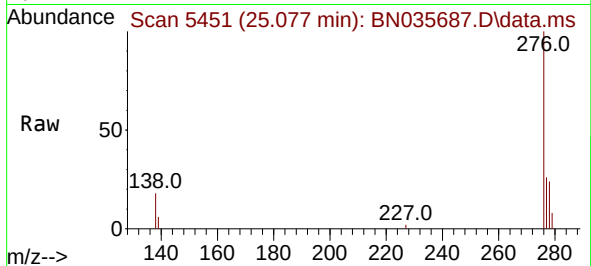
Tgt Ion:276 Resp: 45131
Ion Ratio Lower Upper
276 100
138 18.0 14.7 22.1
227 0.0 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul m
RT: 25.077 min Scan# 5457
Delta R.T. -0.024 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

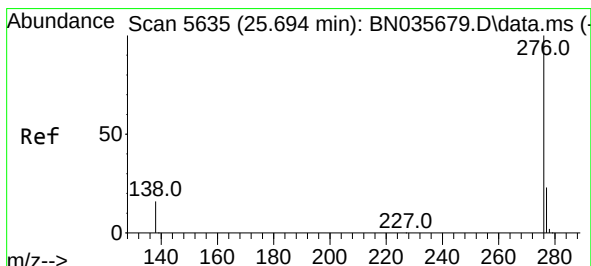
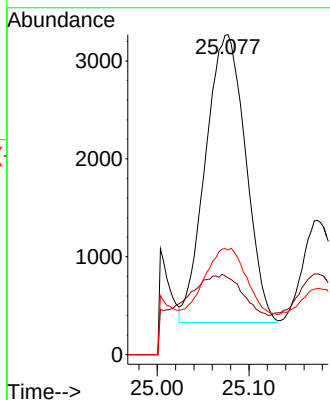
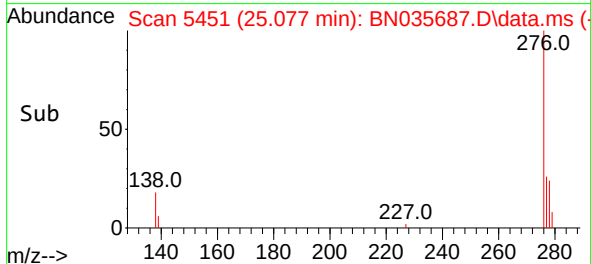
Instrument :
BNA_N
ClientSampleId :
E28X5



Tgt Ion:278 Resp: 8918
Ion Ratio Lower Upper
278 100
139 24.0 19.8 29.8
279 32.7 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: 1.324 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035687.D
Acq: 19 Dec 2024 01:54

Tgt Ion:276 Resp: 46166
Ion Ratio Lower Upper
276 100
138 18.2 19.6 29.4#
277 24.7 21.6 32.4

