

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035698.D
 Acq On : 19 Dec 2024 10:18
 Operator : RC/JU
 Sample : P5258-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W9

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 11:25:05 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	3206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8277	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6012	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	12983	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	11754	0.400	ng/ul	-0.01
23) Perylene-d12	23.033	264	11143m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	13431	4.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	3152	0.267	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	6060	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.070	128	3487m	0.172	ng/ul	
7) 2-Methylnaphthalene	11.697	142	1861	0.136	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	1721	0.122	ng/ul	100
10) Acenaphthylene	13.648	152	1888	0.081	ng/ul#	90
11) Acenaphthene	14.000	153	9010	0.512	ng/ul	99
12) Fluorene	15.004	166	7925	0.387	ng/ul	98
15) Phenanthrene	16.747	178	164705	5.069	ng/ul	98
16) Anthracene	16.840	178	35580	1.171	ng/ul	98
19) Fluoranthene	18.791	202	300732	7.154	ng/ul	97
20) Pyrene	19.158	202	253280	5.469	ng/ul	99
21) Benzo(a)anthracene	20.935	228	127525	3.271	ng/ul	99
22) Chrysene	20.988	228	124473	3.077	ng/ul	98
24) Benzo(b)fluoranthene	22.425	252	155482m	4.735	ng/ul	
25) Benzo(k)fluoranthene	22.463	252	58763m	1.618	ng/ul	
26) Benzo(a)pyrene	22.945	252	114237	3.592	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.054	276	85219	2.201	ng/ul#	73
28) Dibenzo(a,h)anthracene	25.064	278	19338	0.654	ng/ul#	94
29) Benzo(g,h,i)perylene	25.671	276	80044	2.576	ng/ul#	91

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

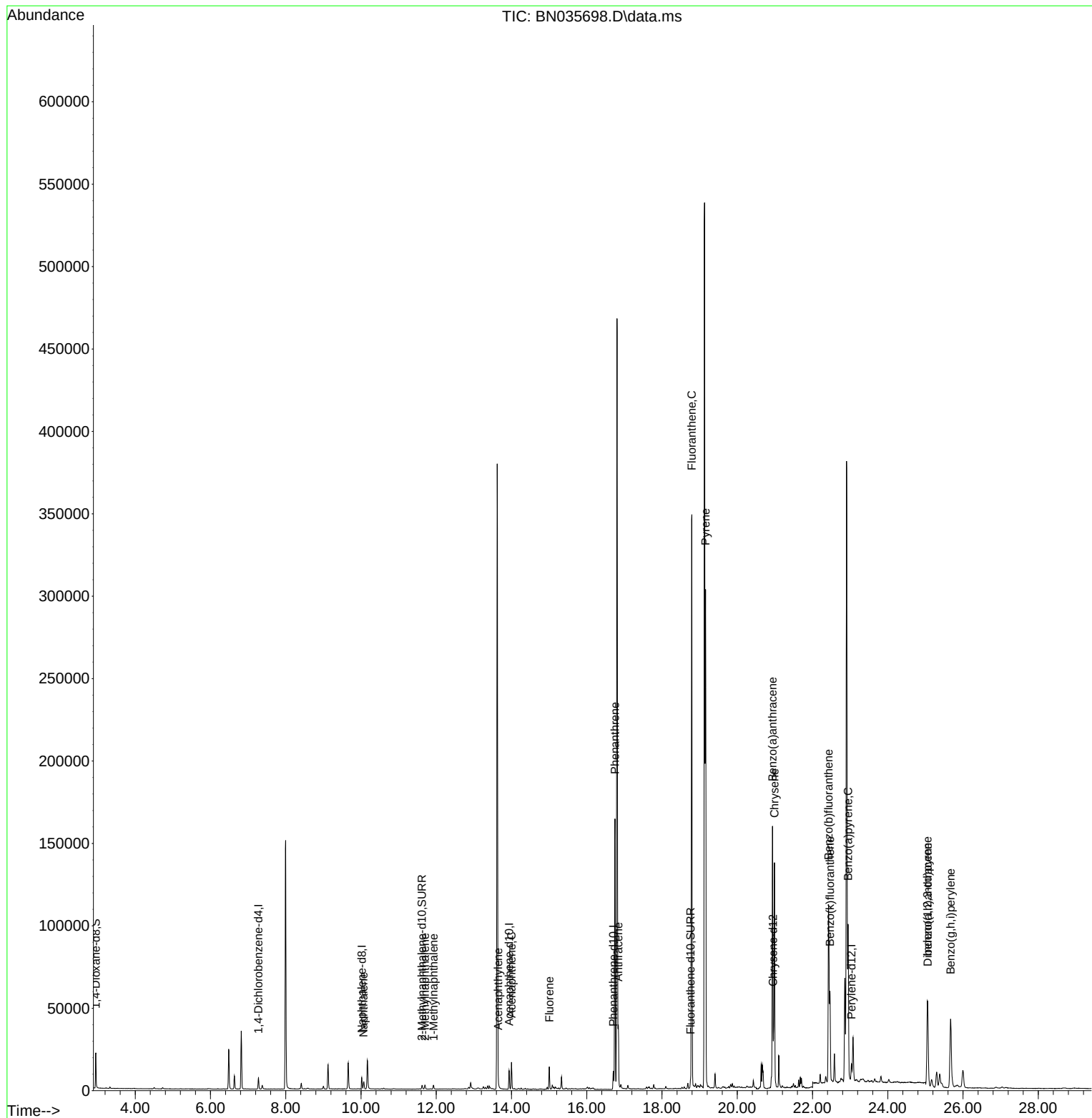
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035698.D
Acq On : 19 Dec 2024 10:18
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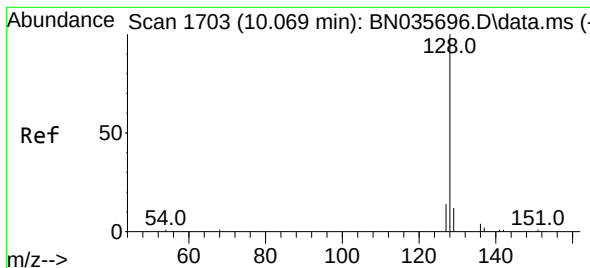
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#5

Naphthalene

Concen: 0.172 ng/ul m

RT: 10.070 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN035698.D

Acq: 19 Dec 2024 10:18

Instrument :

BNA_N

ClientSampleId :

E28W9

Tgt Ion:128 Resp: 348

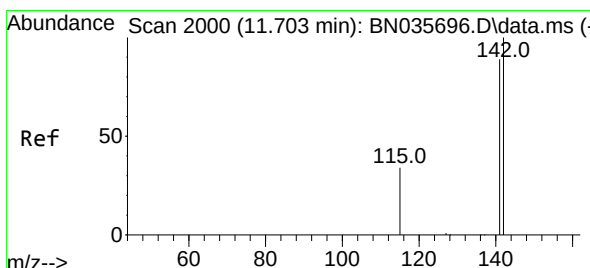
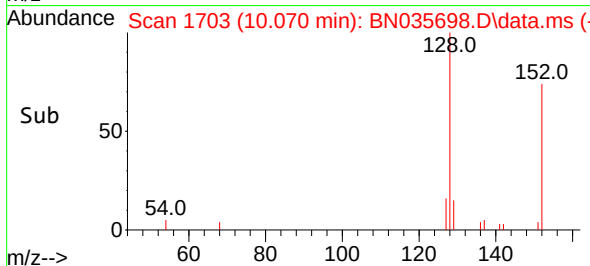
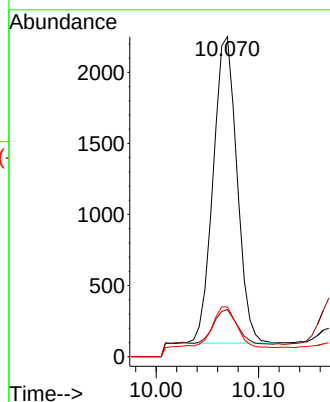
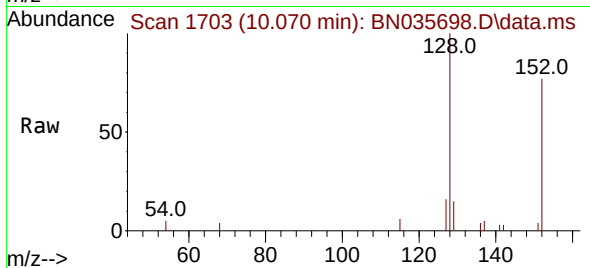
Ion	Ratio	Lower	Upper
128	100		
129	14.7	10.8	16.2
127	15.5	12.0	18.0

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#7

2-Methylnaphthalene

Concen: 0.136 ng/ul

RT: 11.697 min Scan# 1999

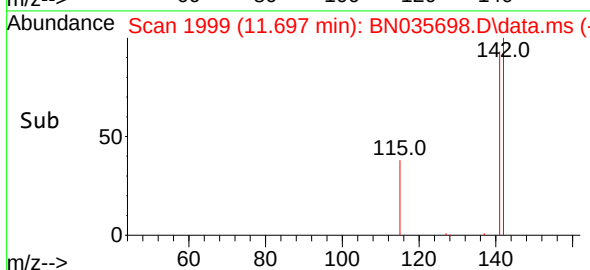
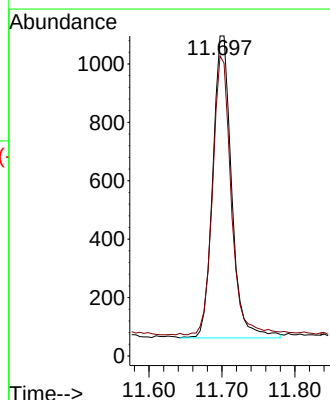
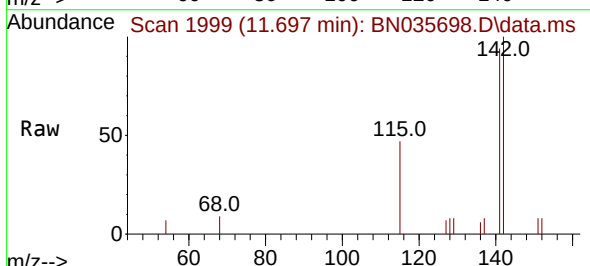
Delta R.T. -0.016 min

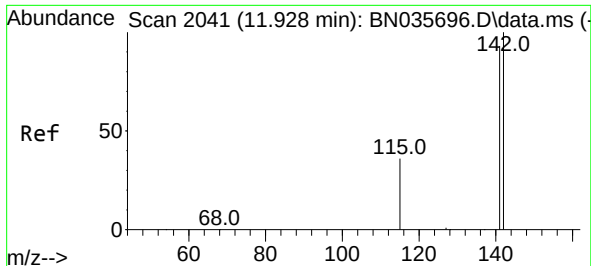
Lab File: BN035698.D

Acq: 19 Dec 2024 10:18

Tgt Ion:142 Resp: 1861

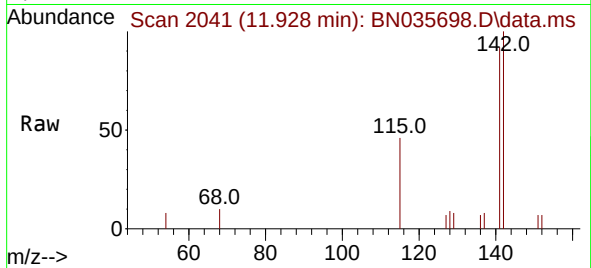
Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2





#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

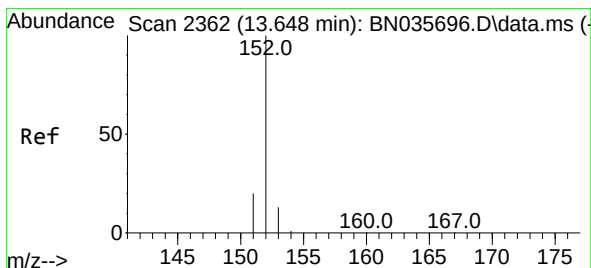
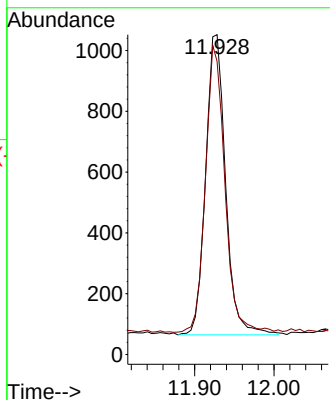
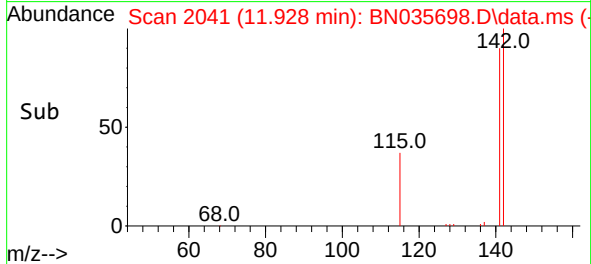
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 172
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1

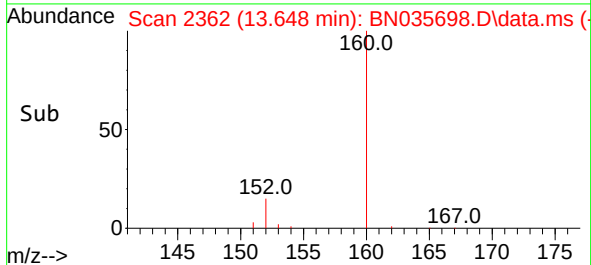
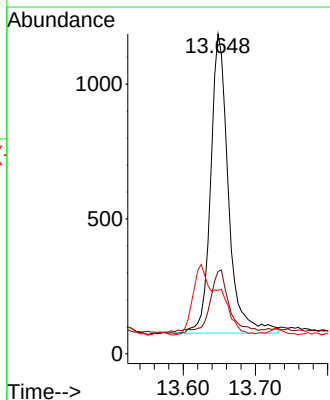
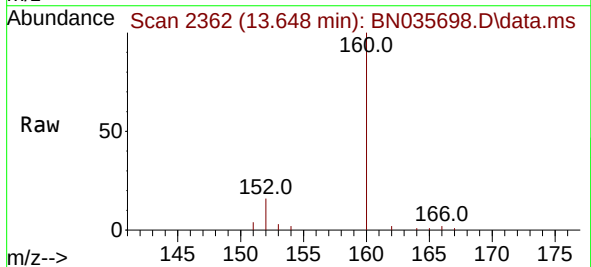
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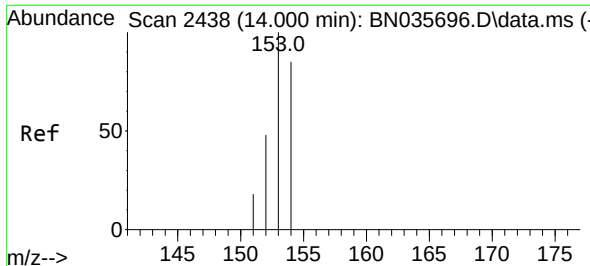
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 13.648 min Scan# 2362
Delta R.T. -0.014 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

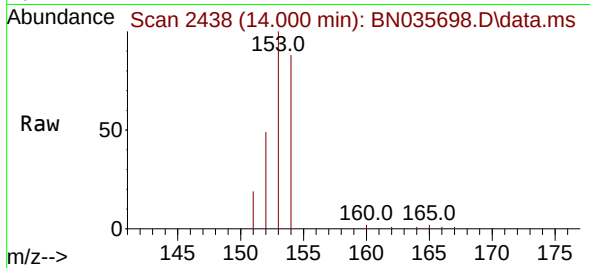
Tgt Ion:152 Resp: 1888
Ion Ratio Lower Upper
152 100
151 25.8 17.6 26.4
153 19.9 11.4 17.2#





#11
Acenaphthene
Concen: 0.512 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

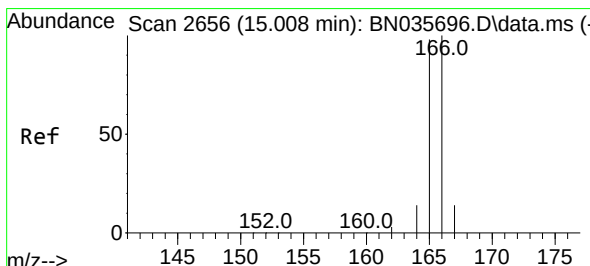
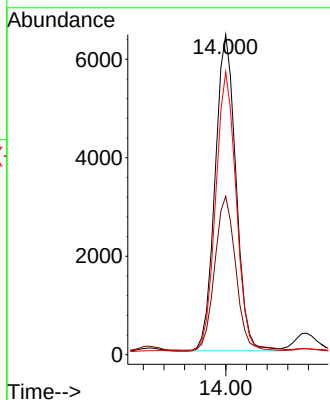
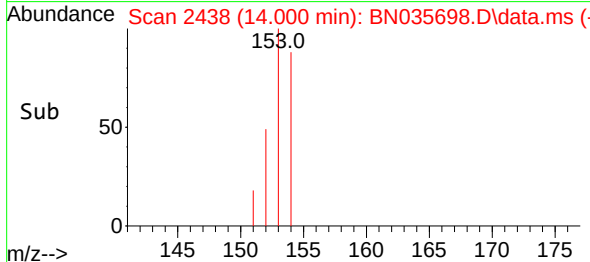
Instrument :
BNA_N
ClientSampleId :
E28W9



Tgt Ion:153 Resp: 9010
Ion Ratio Lower Upper
153 100
152 49.5 39.8 59.6
154 88.4 69.8 104.8

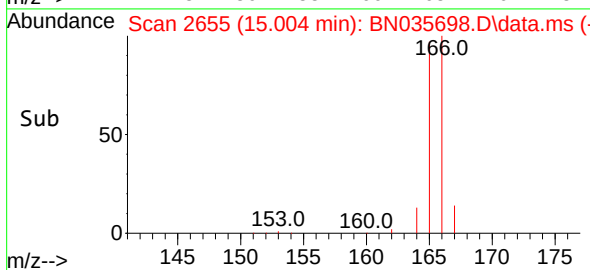
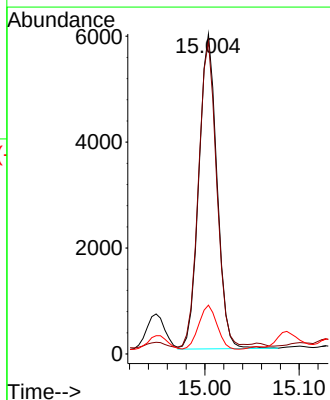
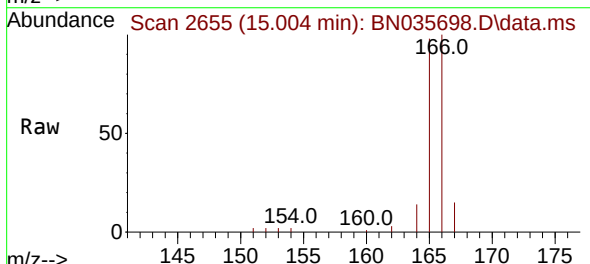
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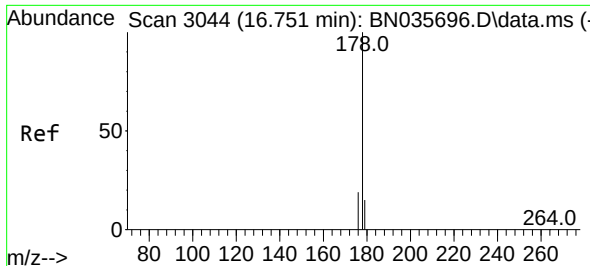
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

Tgt Ion:166 Resp: 7925
Ion Ratio Lower Upper
166 100
165 97.6 79.5 119.3
167 15.3 11.8 17.8





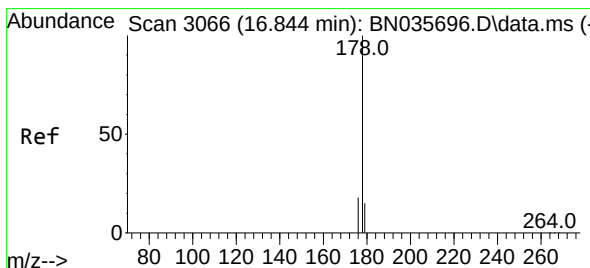
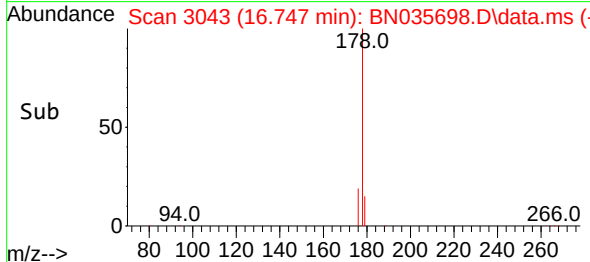
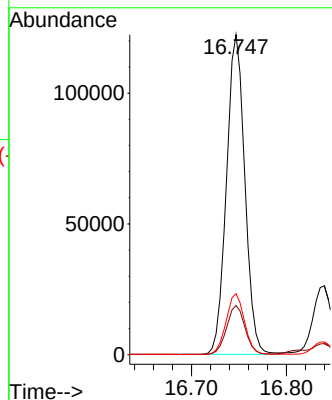
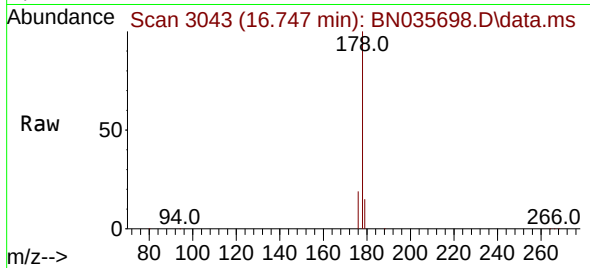
#15
Phenanthrene
Concen: 5.069 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

Instrument :
BNA_N
ClientSampleId :
E28W9

Tgt Ion:178 Resp: 16470
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 15.8 23.8

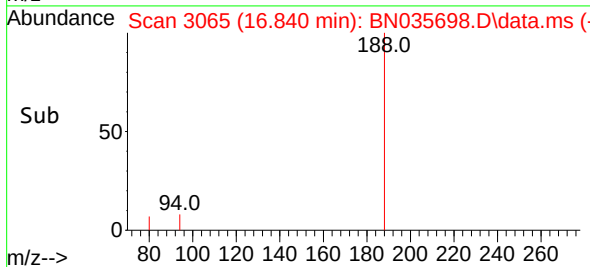
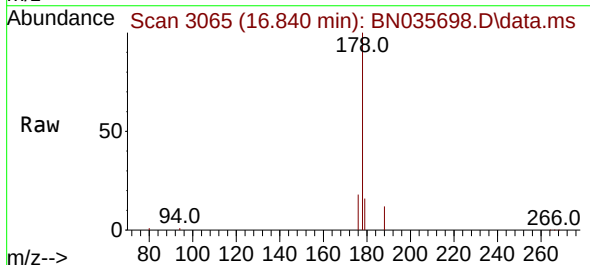
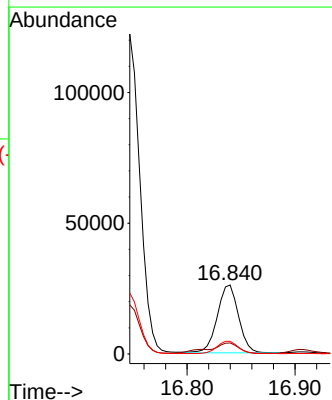
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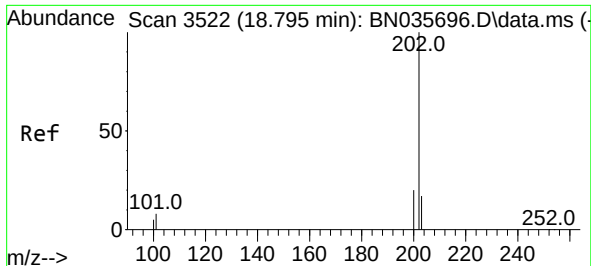
Reviewed By :Yogesh Patel 12/21/2024
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#16
Anthracene
Concen: 1.171 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

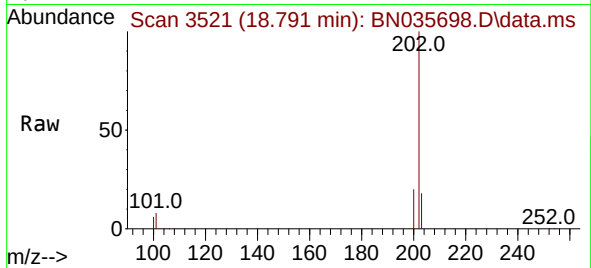
Tgt Ion:178 Resp: 35580
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.0
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 7.154 ng/ul
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

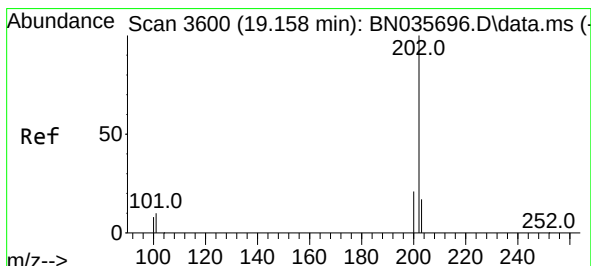
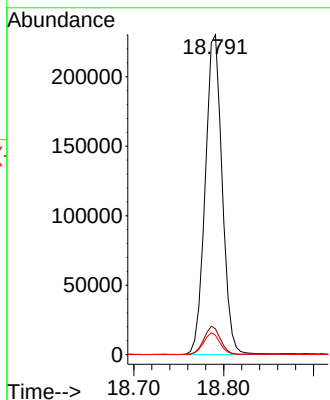
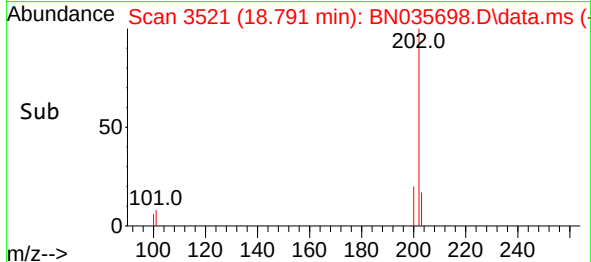
Instrument :
BNA_N
ClientSampleId :
E28W9



Tgt Ion:202 Resp: 300731
Ion Ratio Lower Upper
202 100
101 8.0 7.3 10.9
100 6.0 5.4 8.0

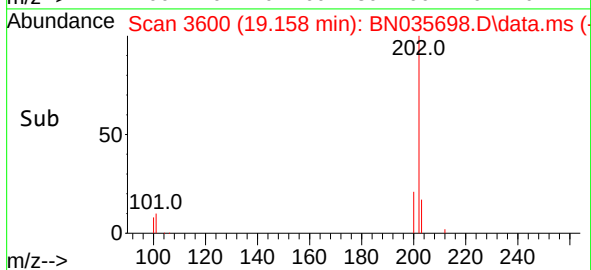
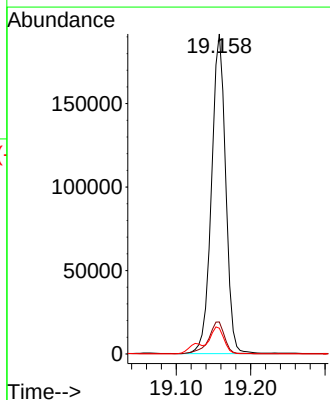
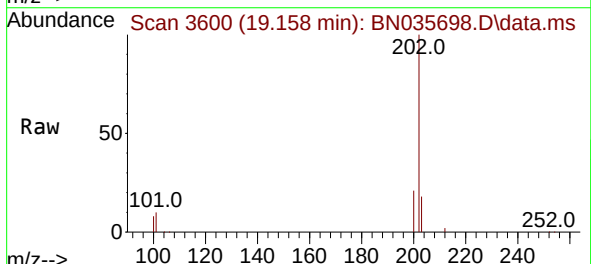
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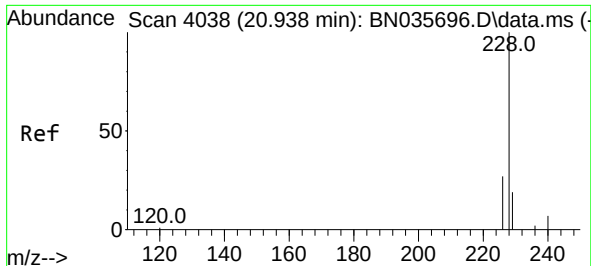
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 5.469 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

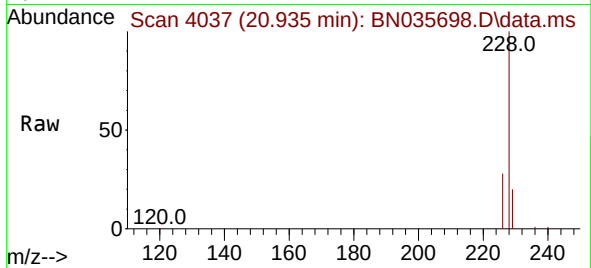
Tgt Ion:202 Resp: 253280
Ion Ratio Lower Upper
202 100
101 10.0 8.5 12.7
100 8.1 6.5 9.7





#21
Benzo(a)anthracene
Concen: 3.271 ng/ul
RT: 20.935 min Scan# 4037
Delta R.T. -0.014 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

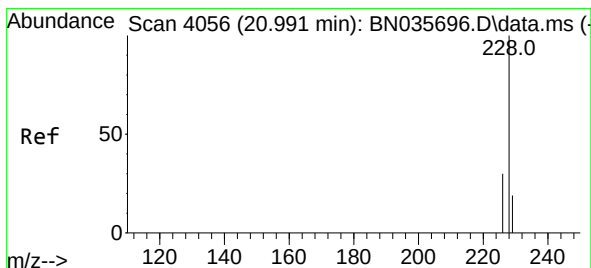
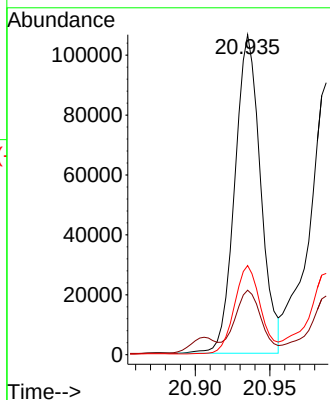
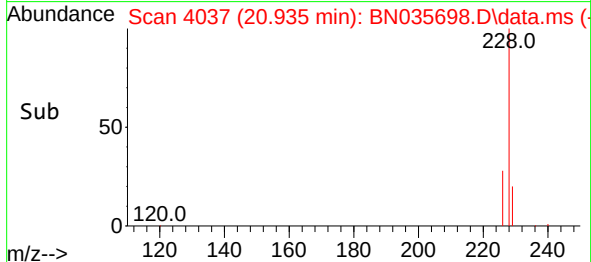
Instrument :
BNA_N
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E28W9



Tgt Ion:228 Resp: 127529
Ion Ratio Lower Upper
228 100
229 20.2 16.6 25.0
226 27.8 22.5 33.7

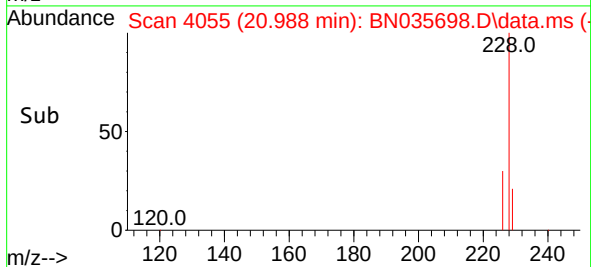
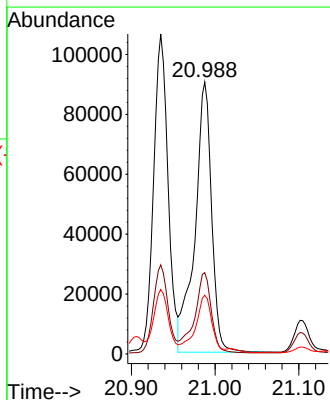
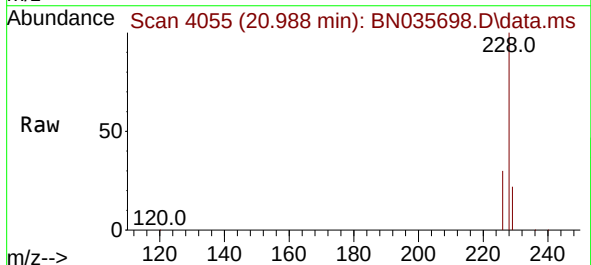
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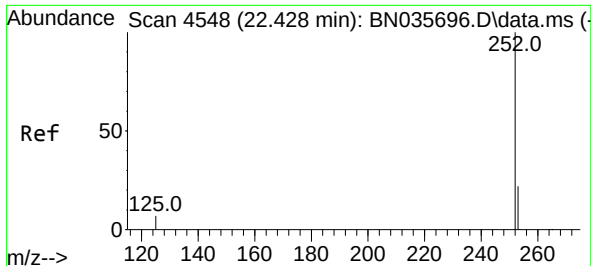
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 3.077 ng/ul
RT: 20.988 min Scan# 4055
Delta R.T. -0.012 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

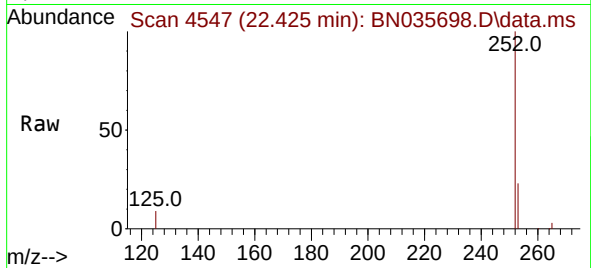
Tgt Ion:228 Resp: 124473
Ion Ratio Lower Upper
228 100
226 29.9 25.1 37.7
229 21.6 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 4.735 ng/ul m
RT: 22.425 min Scan# 4547
Delta R.T. -0.017 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

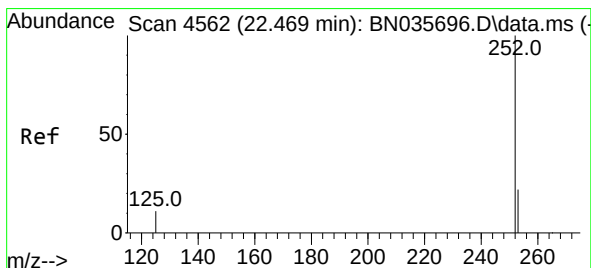
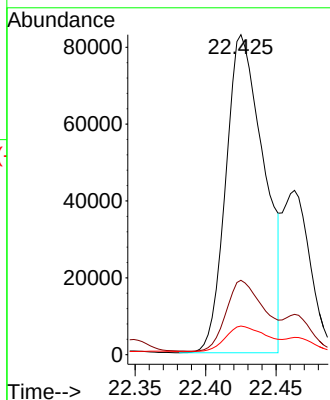
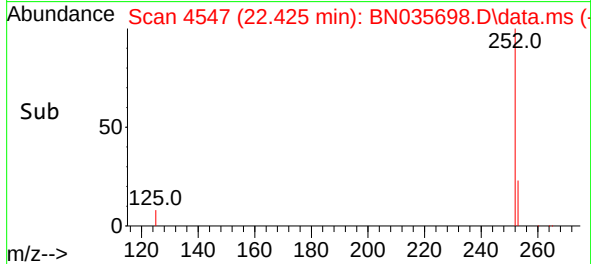
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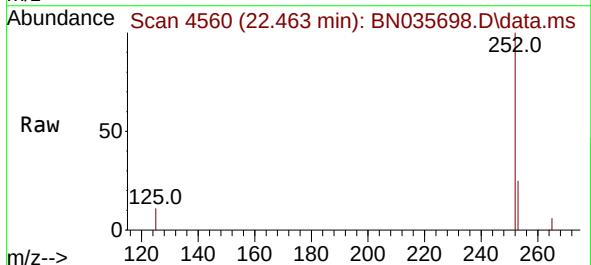
Tgt Ion:252 Resp: 15548
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.4
125 8.9 0.0 37.6

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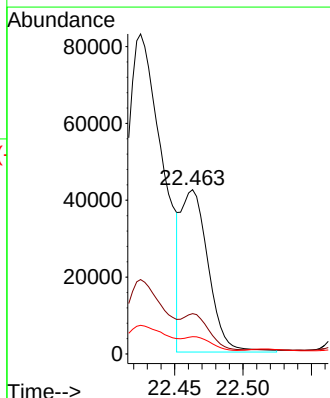
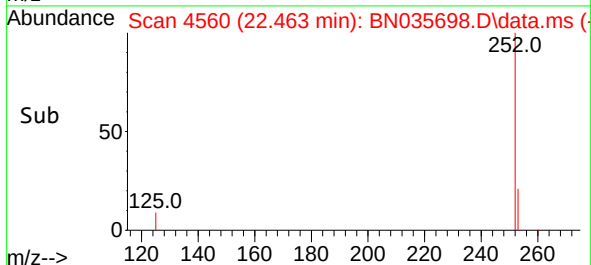
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

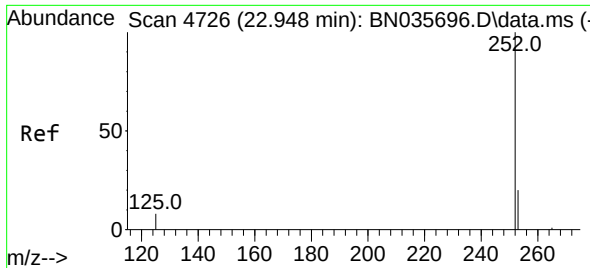


#25
Benzo(k)fluoranthene
Concen: 1.618 ng/ul m
RT: 22.463 min Scan# 4560
Delta R.T. -0.017 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18



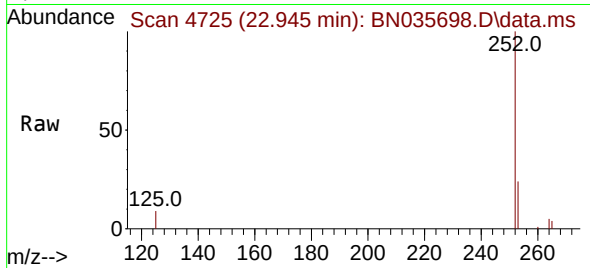
Tgt Ion:252 Resp: 58763
Ion Ratio Lower Upper
252 100
253 24.6 22.1 33.1
125 10.5 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 3.592 ng/ul
RT: 22.945 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

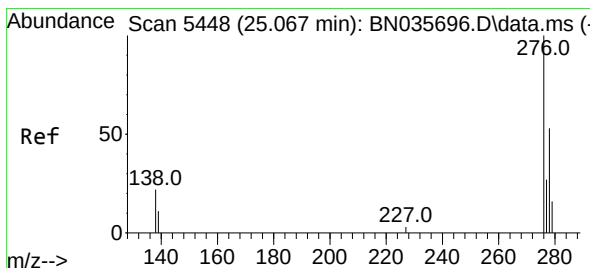
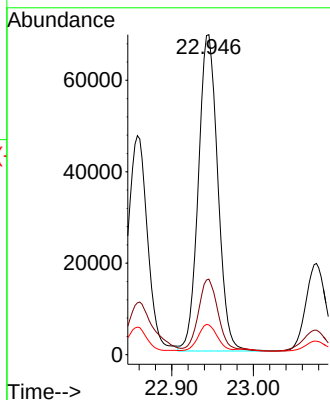
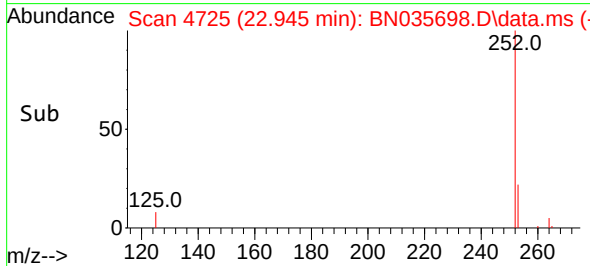
Instrument :
BNA_N
ClientSampleId :
E28W9



Tgt Ion:252 Resp: 11423
Ion Ratio Lower Upper
252 100
253 23.6 24.1 36.1
125 9.3 19.1 28.7

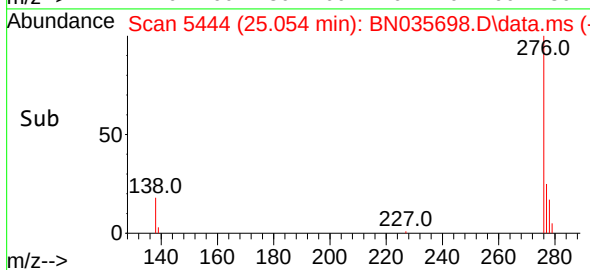
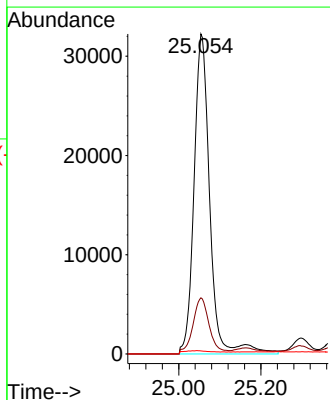
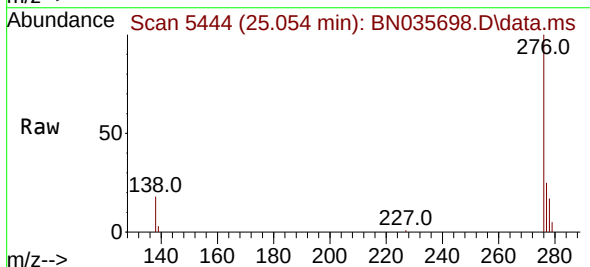
Manual Integrations
APPROVED

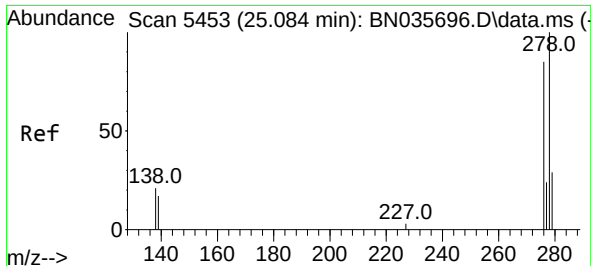
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.201 ng/ul
RT: 25.054 min Scan# 5444
Delta R.T. -0.027 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

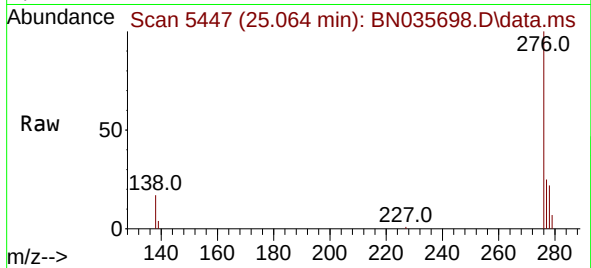
Tgt Ion:276 Resp: 85219
Ion Ratio Lower Upper
276 100
138 18.5 14.7 22.1
227 3.9 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.654 ng/ul
RT: 25.064 min Scan# 5453
Delta R.T. -0.037 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

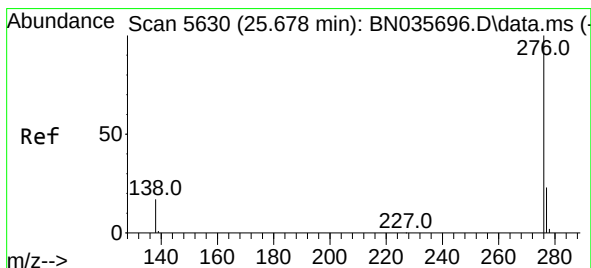
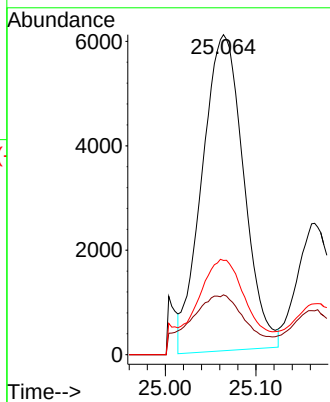
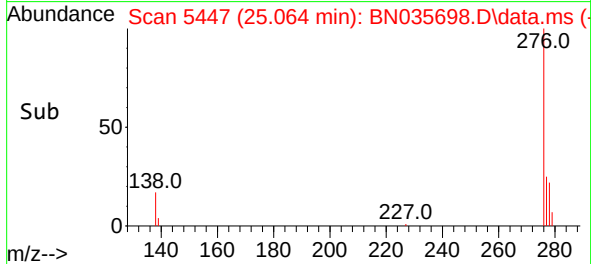
Instrument :
BNA_N
ClientSampleId :
E28W9



Tgt Ion:278 Resp: 19338
Ion Ratio Lower Upper
278 100
139 18.7 19.8 29.8
279 29.4 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: 2.576 ng/ul
RT: 25.671 min Scan# 5628
Delta R.T. -0.027 min
Lab File: BN035698.D
Acq: 19 Dec 2024 10:18

Tgt Ion:276 Resp: 80044
Ion Ratio Lower Upper
276 100
138 18.3 19.6 29.4
277 24.2 21.6 32.4

