

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035708.D
 Acq On : 19 Dec 2024 16:17
 Operator : RC/JU
 Sample : P5258-03DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W9DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 16:53:27 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	3436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8747	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6037	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	11728	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	9748	0.400	ng/ul	-0.01
23) Perylene-d12	23.036	264	10407m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	3287	1.079	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	749	0.060	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1222	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.064	128	861m	0.040	ng/ul	
7) 2-Methylnaphthalene	11.703	142	441	0.031	ng/ul	95
8) 1-Methylnaphthalene	11.928	142	406	0.027	ng/ul	98
11) Acenaphthene	14.000	153	2115	0.120	ng/ul	98
12) Fluorene	15.004	166	1846	0.090	ng/ul#	98
15) Phenanthrene	16.747	178	34409	1.172	ng/ul	98
16) Anthracene	16.840	178	7273	0.265	ng/ul	99
19) Fluoranthene	18.791	202	60618	1.739	ng/ul	99
20) Pyrene	19.158	202	53023	1.381	ng/ul	99
21) Benzo(a)anthracene	20.938	228	24060	0.744	ng/ul	100
22) Chrysene	20.988	228	24457	0.729	ng/ul	98
24) Benzo(b)fluoranthene	22.428	252	31584m	1.030	ng/ul	
25) Benzo(k)fluoranthene	22.466	252	12873m	0.379	ng/ul	
26) Benzo(a)pyrene	22.946	252	23340m	0.786	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.061	276	16039m	0.444	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	3372m	0.122	ng/ul	
29) Benzo(g,h,i)perylene	25.675	276	17092	0.589	ng/ul	94

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

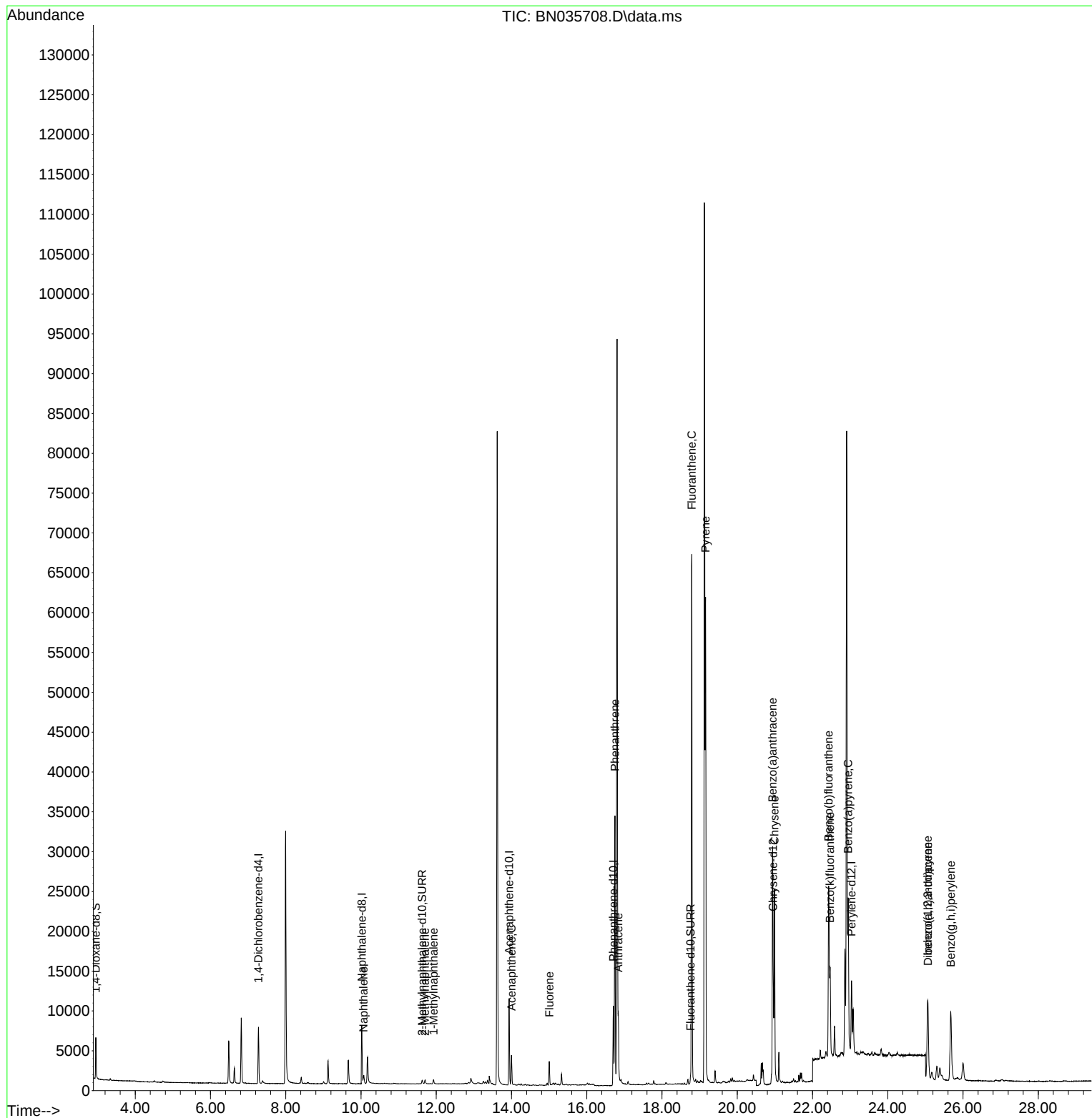
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035708.D
Acq On : 19 Dec 2024 16:17
Operator : RC/JU
Sample : P5258-03DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

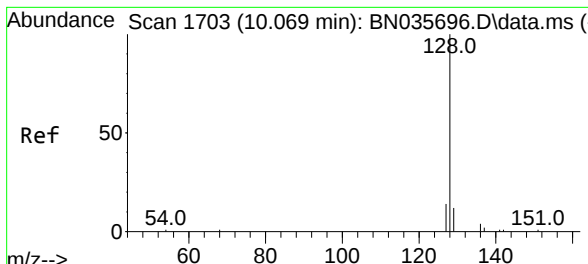
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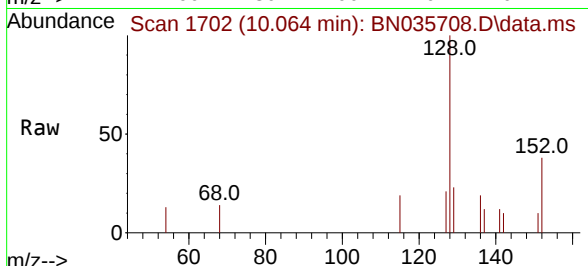
Quant Time: Dec 19 16:53:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul m
RT: 10.064 min Scan# 1702
Delta R.T. -0.016 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

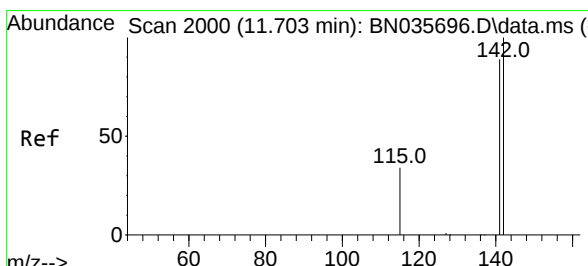
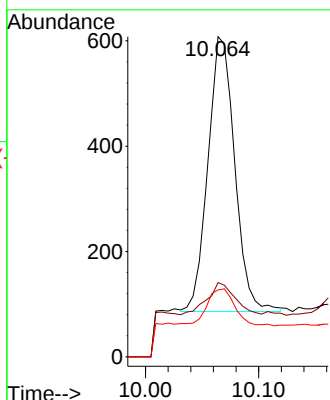
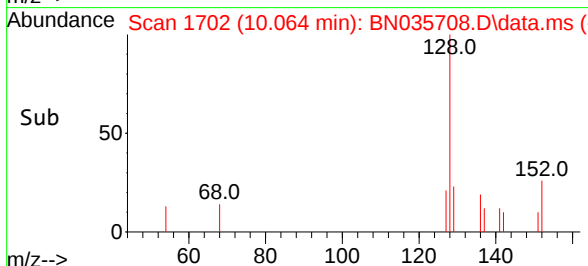
Instrument :
BNA_N
ClientSampleId :
E28W9DL



Tgt Ion:128 Resp: 86
Ion Ratio Lower Upper
128 100
129 23.2 10.8 16.2
127 20.9 12.0 18.0

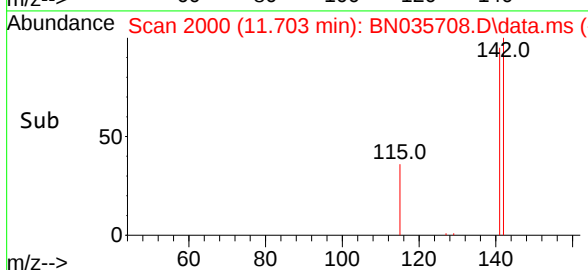
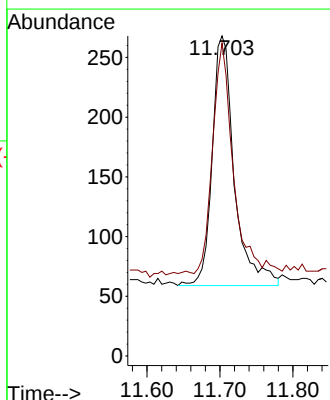
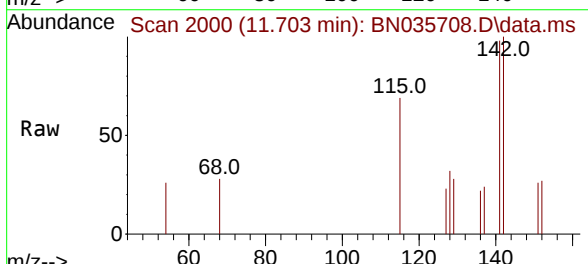
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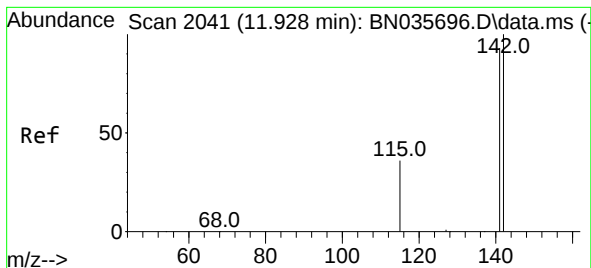
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

Tgt Ion:142 Resp: 441
Ion Ratio Lower Upper
142 100
141 85.9 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 11.928 min Scan# 2041

Delta R.T. -0.011 min

Lab File: BN035708.D

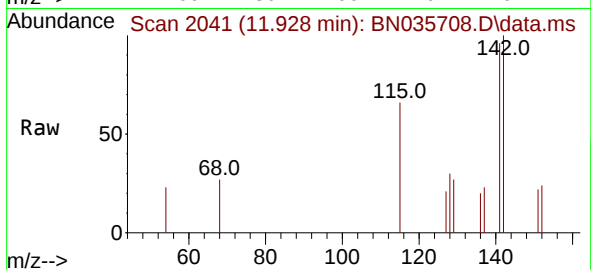
Acq: 19 Dec 2024 16:17

Instrument :

BNA_N

ClientSampleId :

E28W9DL



Tgt Ion:142 Resp: 400

Ion Ratio Lower Upper

142 100

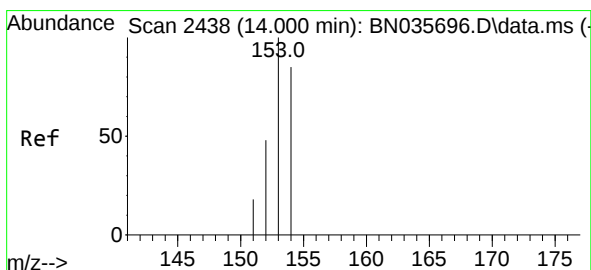
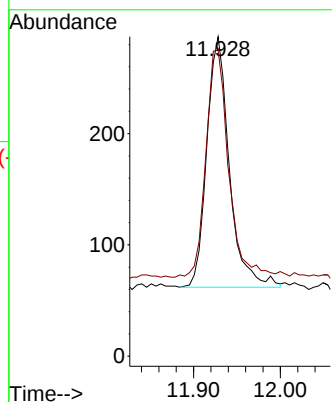
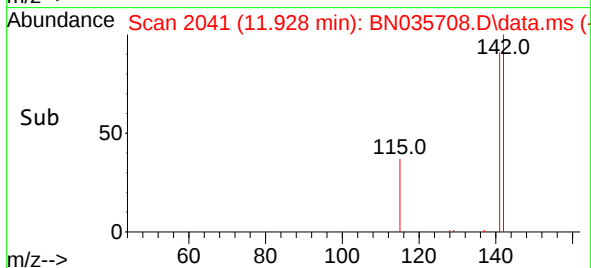
141 91.9 74.7 112.1

Manual Integrations

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#11

Acenaphthene

Concen: 0.120 ng/ul

RT: 14.000 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BN035708.D

Acq: 19 Dec 2024 16:17

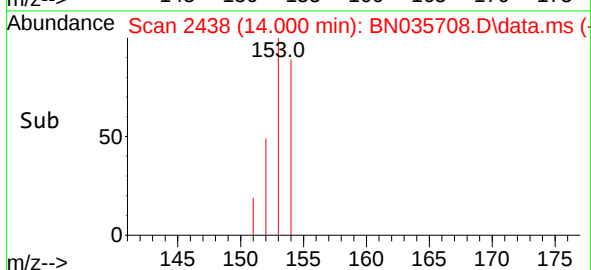
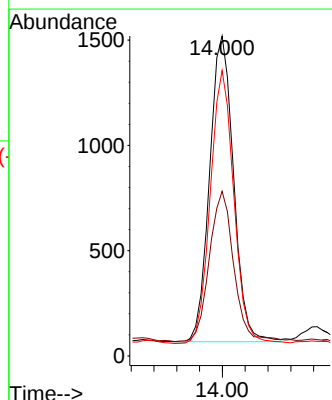
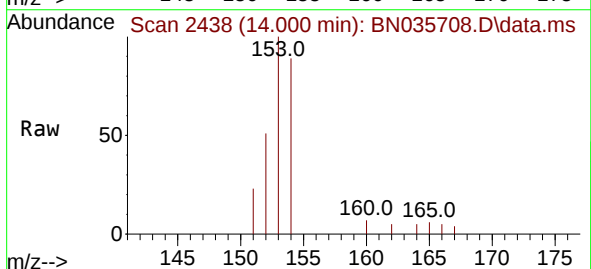
Tgt Ion:153 Resp: 2115

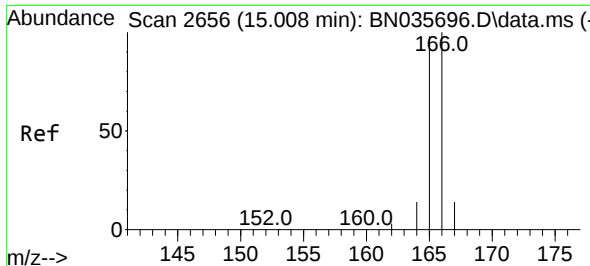
Ion Ratio Lower Upper

153 100

152 51.4 39.8 59.6

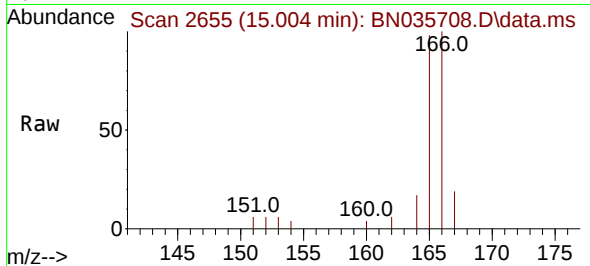
154 89.2 69.8 104.8





#12
Fluorene
Concen: 0.090 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

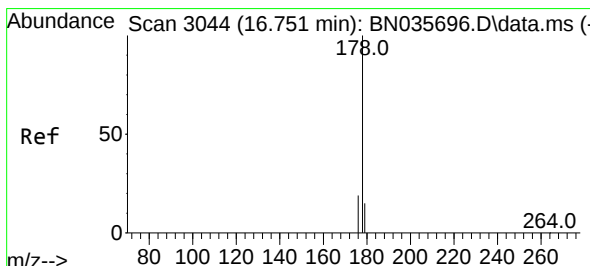
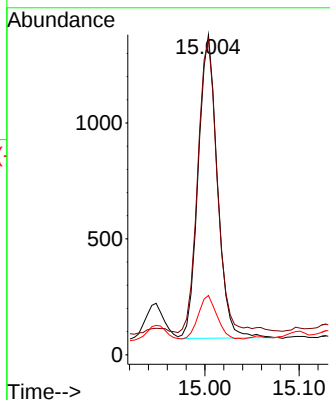
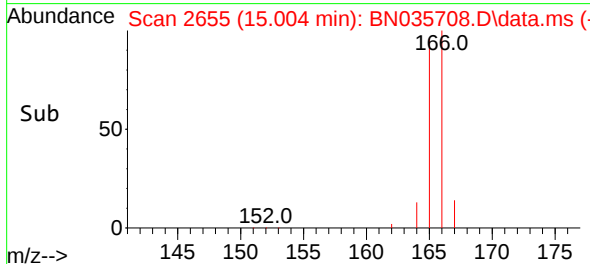
Instrument :
BNA_N
ClientSampleId :
E28W9DL



Tgt Ion:166 Resp: 1840
Ion Ratio Lower Upper
166 100
165 98.4 79.5 119.3
167 18.5 11.8 17.8

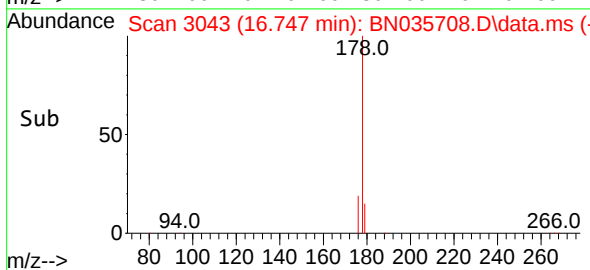
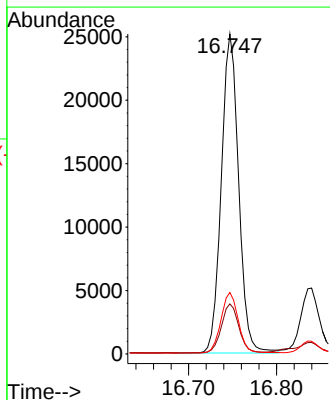
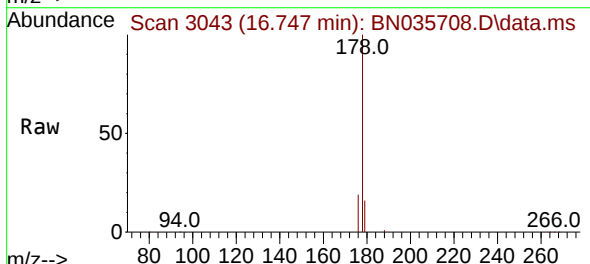
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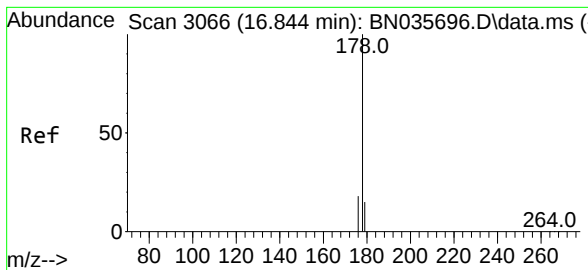
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
Phenanthrene
Concen: 1.172 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

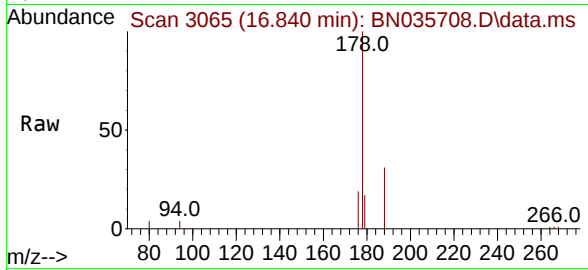
Tgt Ion:178 Resp: 34409
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.2 15.8 23.8





#16
 Anthracene
 Concen: 0.265 ng/ul
 RT: 16.840 min Scan# 3066
 Delta R.T. -0.008 min
 Lab File: BN035708.D
 Acq: 19 Dec 2024 16:17

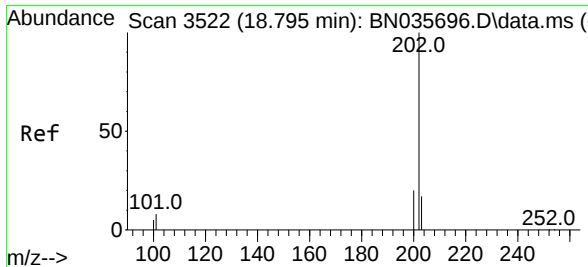
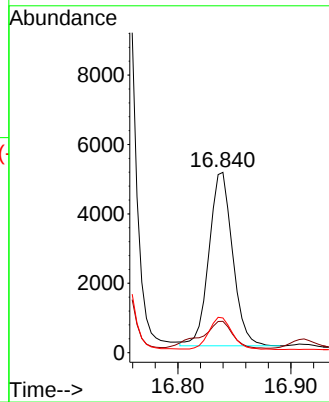
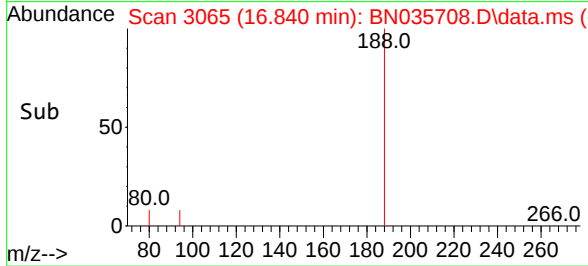
Instrument :
 BNA_N
 ClientSampleId :
 E28W9DL



Tgt Ion:178 Resp: 727
 Ion Ratio Lower Upper
 178 100
 179 17.4 13.4 20.0
 176 19.2 15.4 23.0

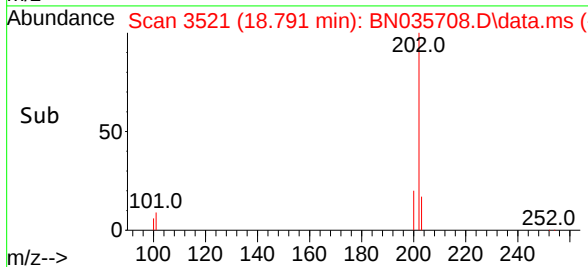
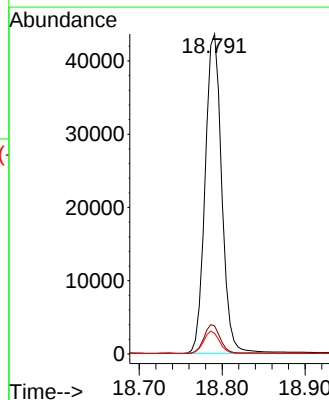
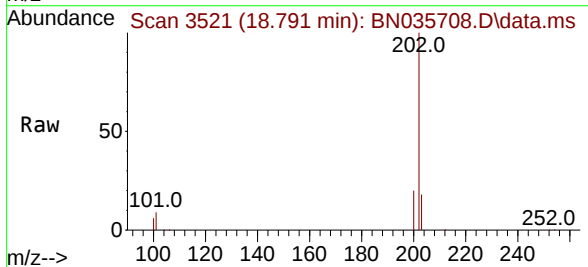
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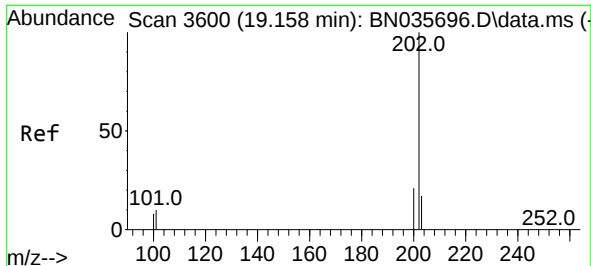
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#19
 Fluoranthene
 Concen: 1.739 ng/ul
 RT: 18.791 min Scan# 3521
 Delta R.T. -0.009 min
 Lab File: BN035708.D
 Acq: 19 Dec 2024 16:17

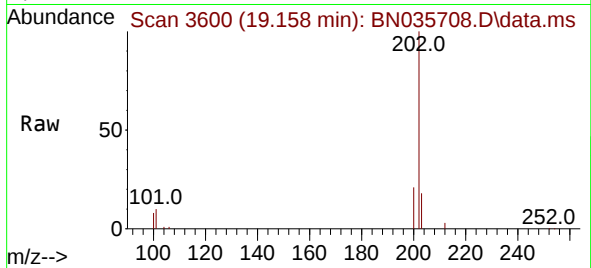
Tgt Ion:202 Resp: 60618
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.3 10.9
 100 6.4 5.4 8.0





#20
Pyrene
Concen: 1.381 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

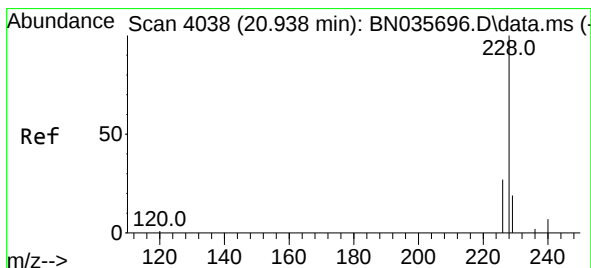
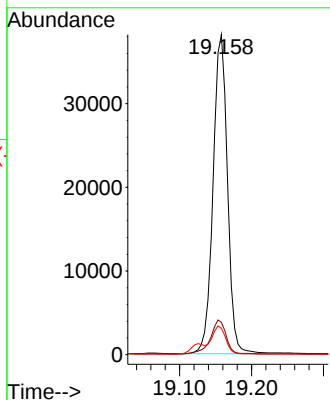
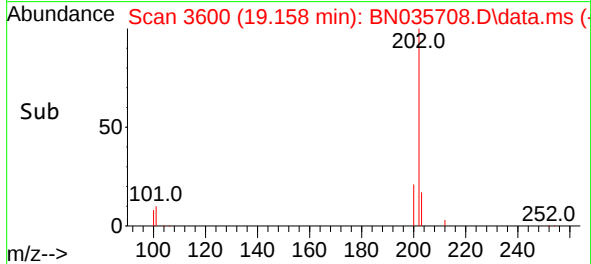
Instrument :
BNA_N
ClientSampleId :
E28W9DL



Tgt Ion:202 Resp: 5302
Ion Ratio Lower Upper
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101 10.1 8.5 12.7
100 8.3 6.5 9.7

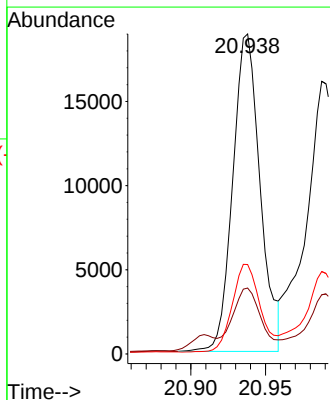
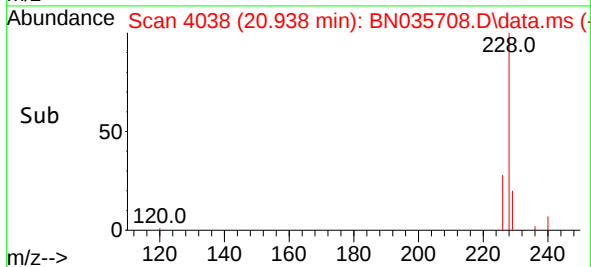
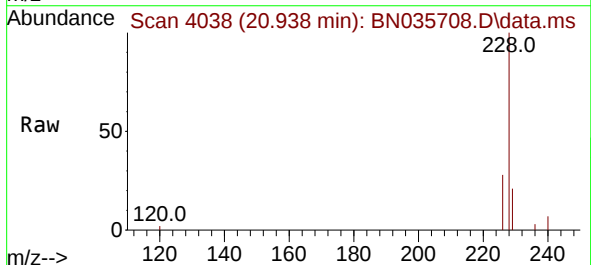
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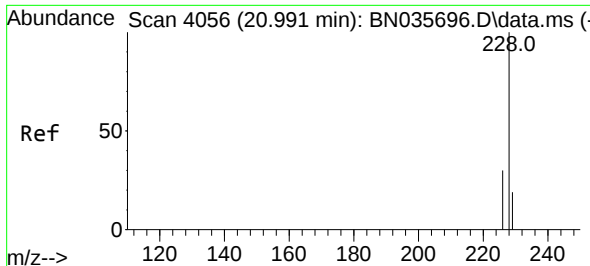
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#21
Benzo(a)anthracene
Concen: 0.744 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.011 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

Tgt Ion:228 Resp: 24060
Ion Ratio Lower Upper
228 100
229 20.6 16.6 25.0
226 28.0 22.5 33.7





#22

Chrysene

Concen: 0.729 ng/ul

RT: 20.988 min Scan# 4055

Delta R.T. -0.012 min

Lab File: BN035708.D

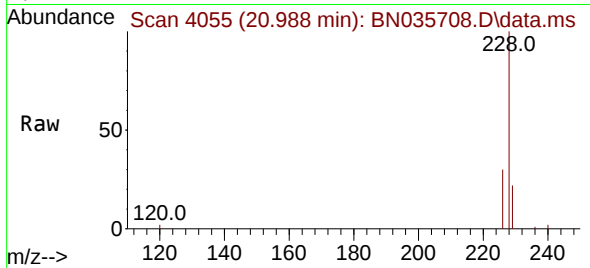
Acq: 19 Dec 2024 16:17

Instrument :

BNA_N

ClientSampleId :

E28W9DL



Tgt Ion:228 Resp: 2445

Ion Ratio Lower Upper

228 100

226 30.2 25.1 37.7

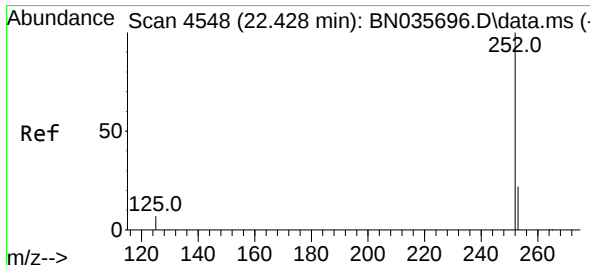
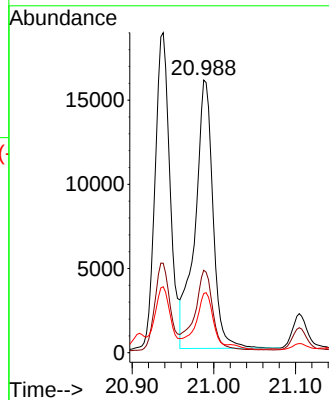
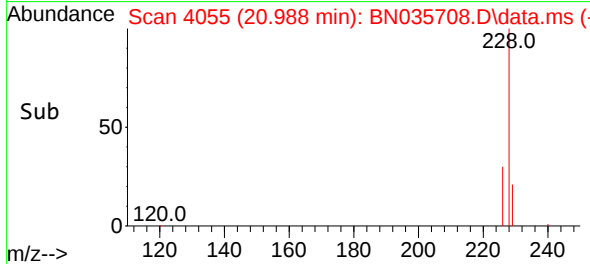
229 21.7 16.6 24.8

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#24

Benzo(b)fluoranthene

Concen: 1.030 ng/ul m

RT: 22.428 min Scan# 4548

Delta R.T. -0.014 min

Lab File: BN035708.D

Acq: 19 Dec 2024 16:17

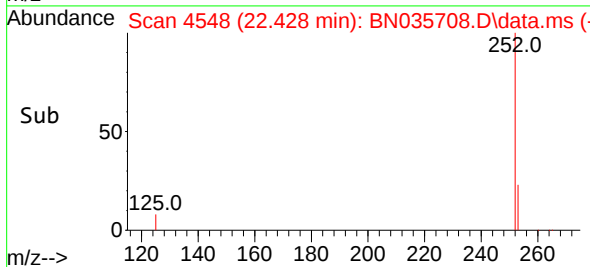
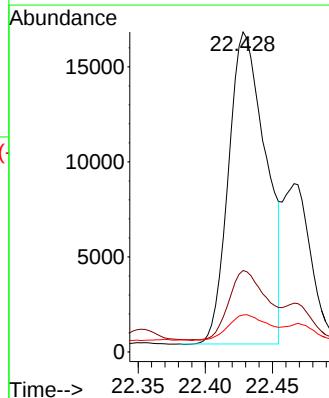
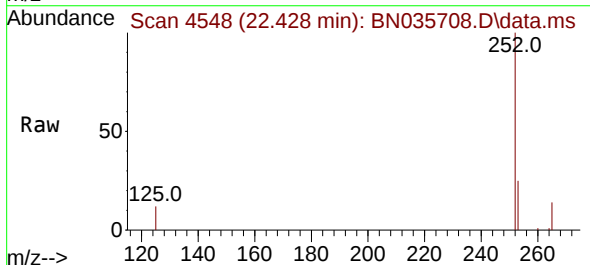
Tgt Ion:252 Resp: 31584

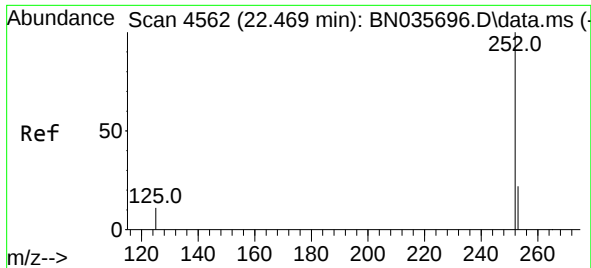
Ion Ratio Lower Upper

252 100

253 25.5 0.0 56.4

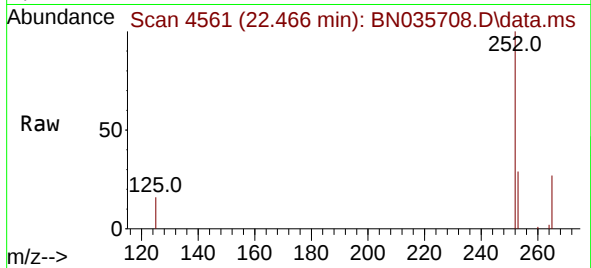
125 11.6 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul m
RT: 22.466 min Scan# 4561
Delta R.T. -0.014 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

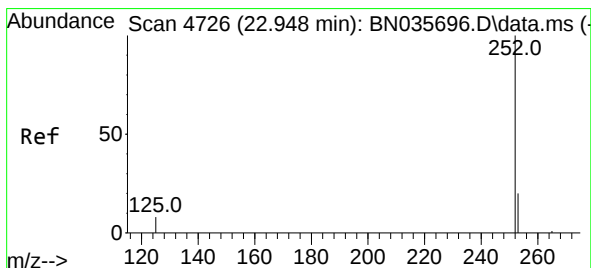
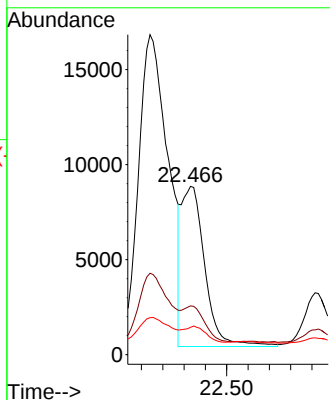
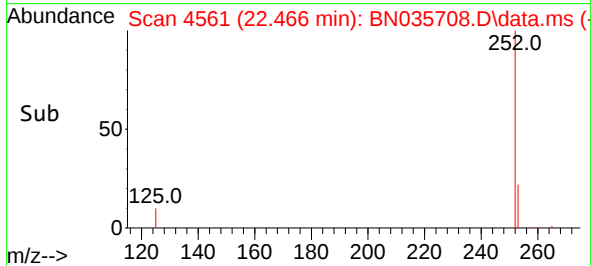
Instrument :
BNA_N
ClientSampleId :
E28W9DL



Tgt Ion:252 Resp: 1287
Ion Ratio Lower Upper
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253 29.0 22.1 33.1
125 16.3 15.3 22.9

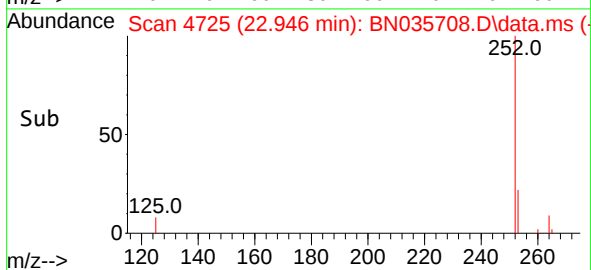
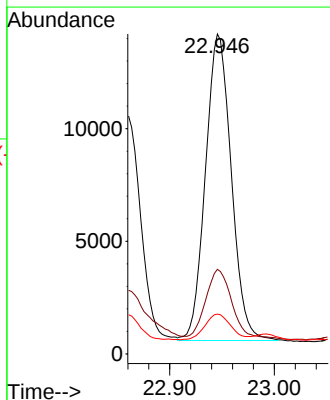
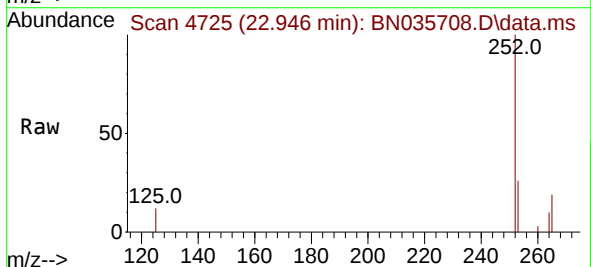
Manual Integrations
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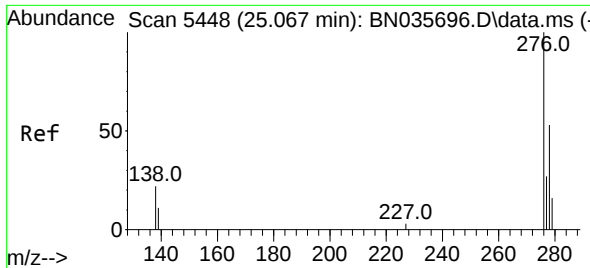
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.786 ng/ul m
RT: 22.946 min Scan# 4725
Delta R.T. -0.017 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

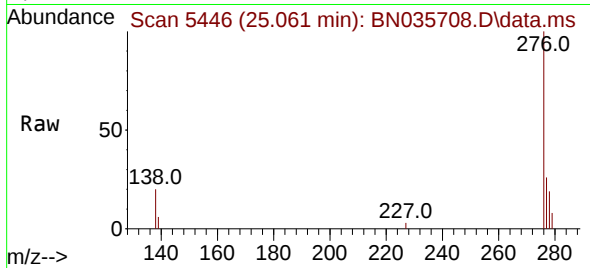
Tgt Ion:252 Resp: 23340
Ion Ratio Lower Upper
252 100
253 26.4 24.1 36.1
125 12.5 19.1 28.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng/ul m
RT: 25.061 min Scan# 5448
Delta R.T. -0.020 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

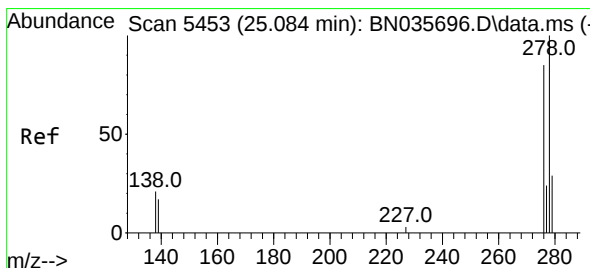
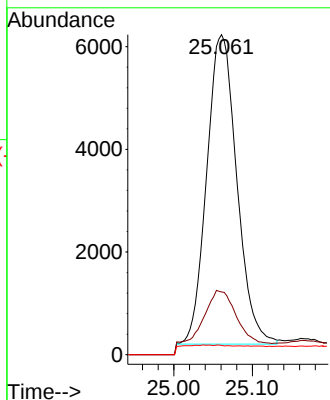
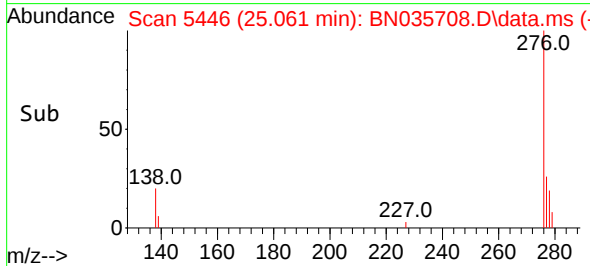
Instrument :
BNA_N
ClientSampleId :
E28W9DL



Tgt Ion:276 Resp: 16039
Ion Ratio Lower Upper
276 100
138 38.2 14.7 22.1#
227 0.0 21.6 32.4#

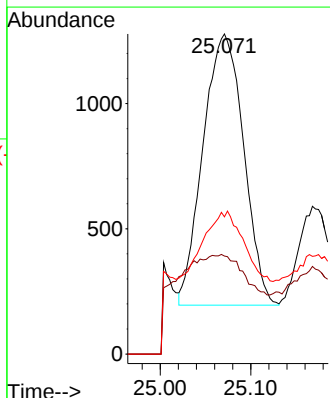
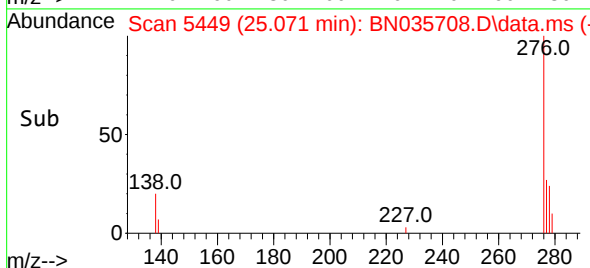
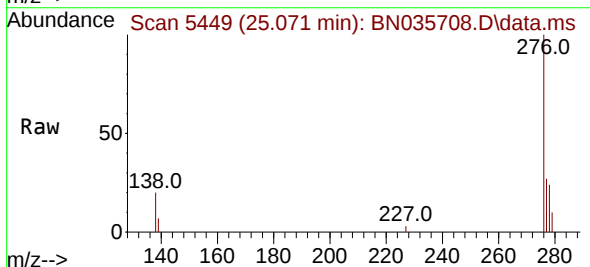
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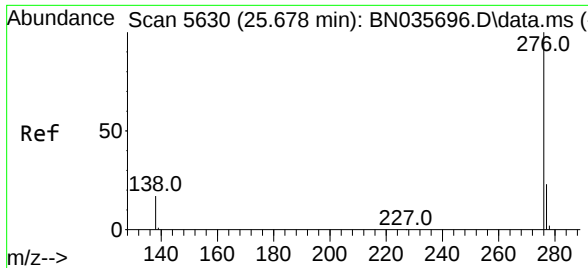
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul m
RT: 25.071 min Scan# 5449
Delta R.T. -0.030 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

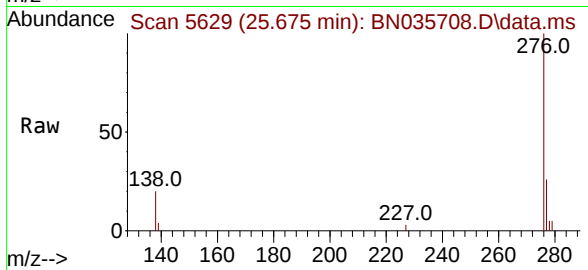
Tgt Ion:278 Resp: 3372
Ion Ratio Lower Upper
278 100
139 30.6 19.8 29.8#
279 42.9 24.0 36.0#





#29
Benzo(g,h,i)perylene
Concen: 0.589 ng/ul
RT: 25.675 min Scan# 50
Delta R.T. -0.023 min
Lab File: BN035708.D
Acq: 19 Dec 2024 16:17

Instrument :
BNA_N
ClientSampleId :
E28W9DL



Tgt Ion:276 Resp: 17092
Ion Ratio Lower Upper
276 100
138 20.0 19.6 29.4
277 25.7 21.6 32.4

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

