

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035706.D
 Acq On : 19 Dec 2024 15:05
 Operator : RC/JU
 Sample : P5258-10DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X4DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 16:12:33 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	3665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9575	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	7085	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	14883	0.400	ng/ul	-0.01
17) Chrysene-d12	20.955	240	12779	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13857m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2429	0.748	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	630	0.046	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1437	0.038	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	2117m	0.090	ng/ul	
7) 2-Methylnaphthalene	11.703	142	480	0.030	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	391	0.024	ng/ul	99
11) Acenaphthene	14.000	153	3113	0.150	ng/ul	99
12) Fluorene	15.004	166	2221	0.092	ng/ul	99
15) Phenanthrene	16.747	178	40302	1.082	ng/ul	98
16) Anthracene	16.840	178	8335	0.239	ng/ul	100
19) Fluoranthene	18.791	202	80272	1.756	ng/ul	99
20) Pyrene	19.158	202	60403	1.200	ng/ul	99
21) Benzo(a)anthracene	20.938	228	33831	0.798	ng/ul	100
22) Chrysene	20.990	228	34566	0.786	ng/ul	99
24) Benzo(b)fluoranthene	22.434	252	50835m	1.245	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	20855m	0.462	ng/ul	
26) Benzo(a)pyrene	22.951	252	23395	0.592	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.064	276	21044m	0.437	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	5831m	0.159	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	3385	0.088	ng/ul#	84

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

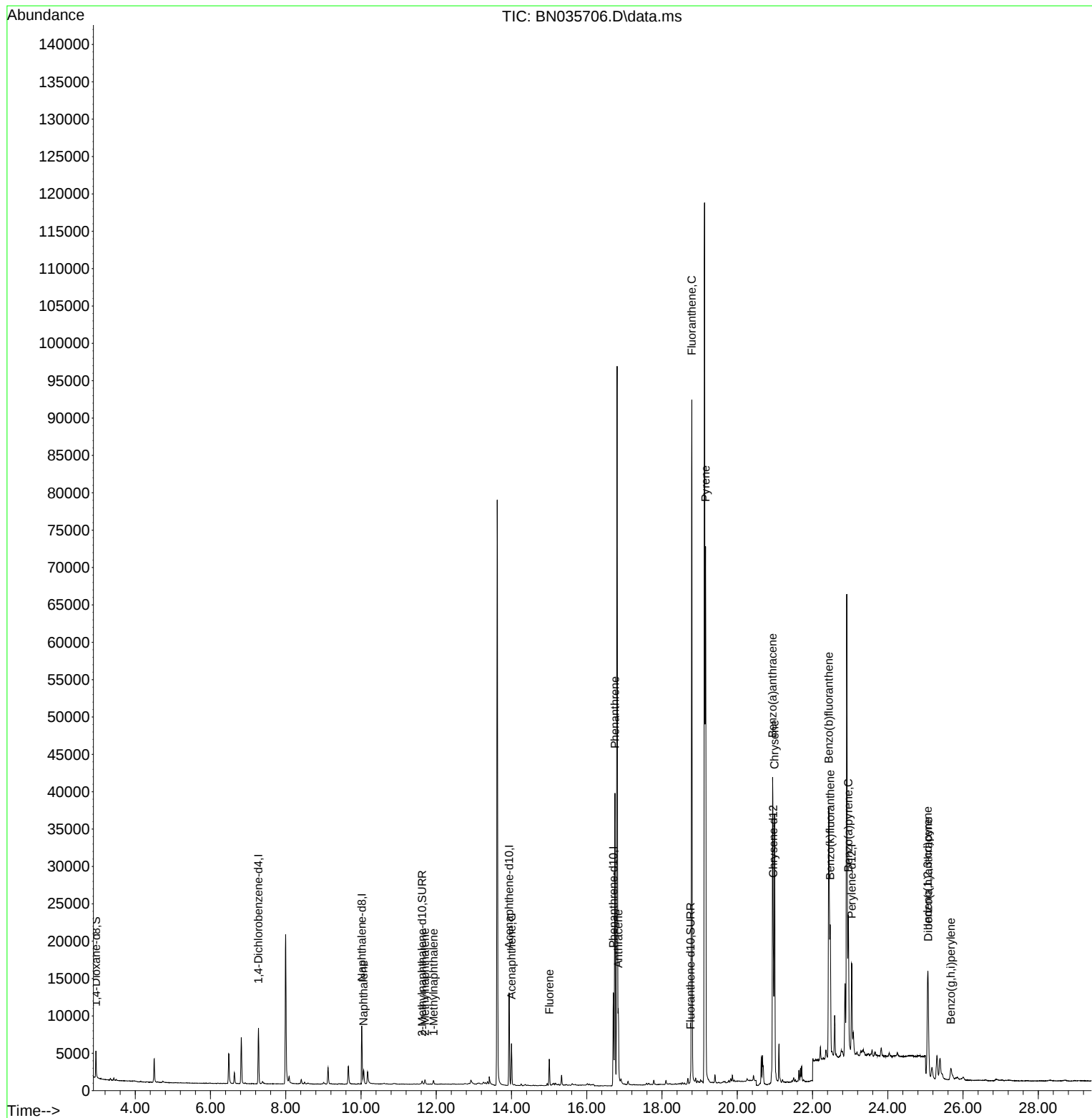
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
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Sample : P5258-10DL 5X
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ALS Vial : 47 Sample Multiplier: 1

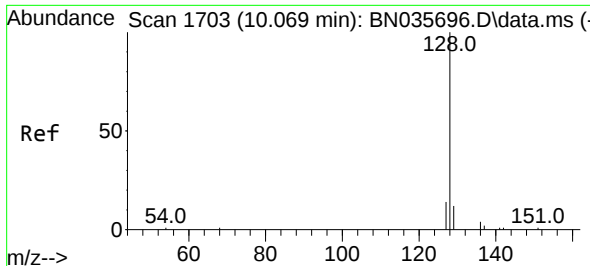
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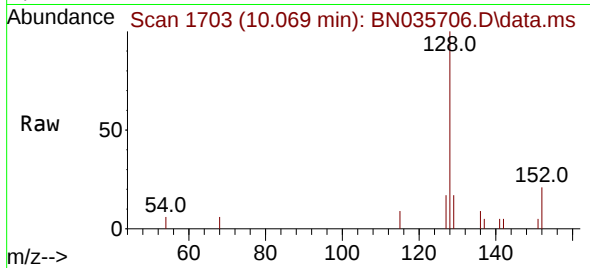
Quant Time: Dec 19 16:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.090 ng/ul m
RT: 10.069 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

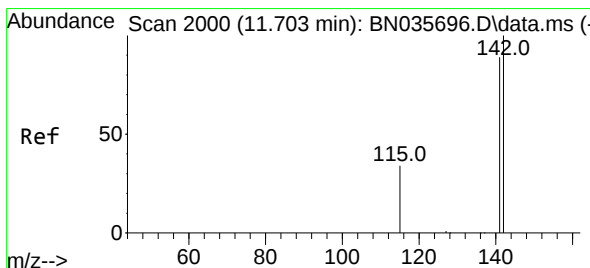
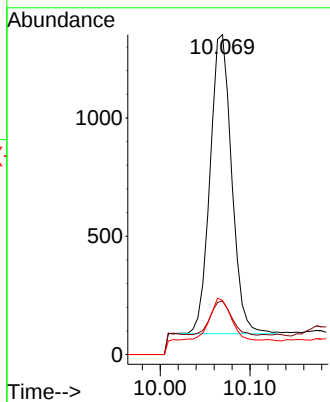
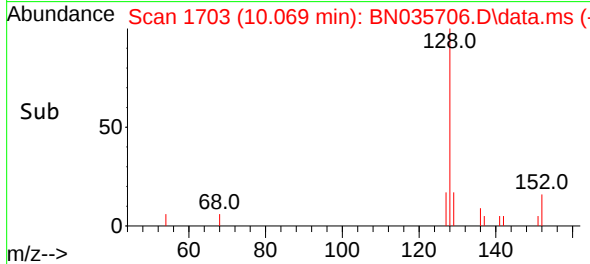
Instrument :
BNA_N
ClientSampleId :
E28X4DL



Tgt Ion:128 Resp: 211
Ion Ratio Lower Upper
128 100
129 16.7 10.8 16.2
127 16.9 12.0 18.0

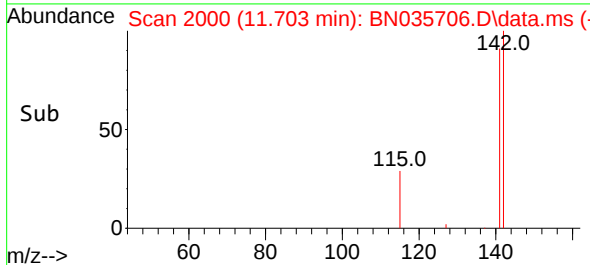
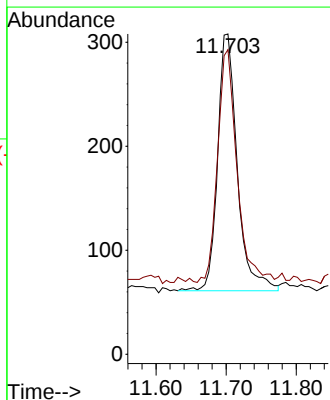
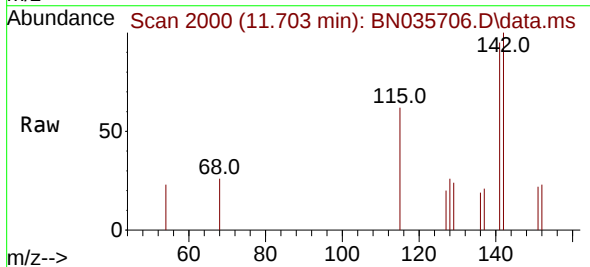
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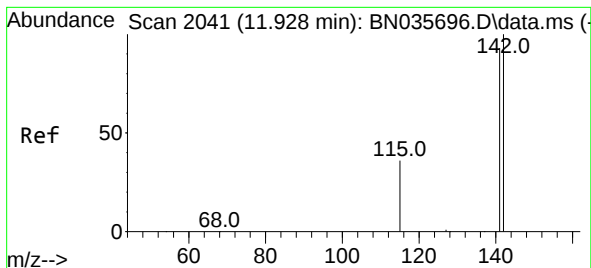
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 11.928 min Scan# 2041

Delta R.T. -0.011 min

Lab File: BN035706.D

Acq: 19 Dec 2024 15:05

Instrument :

BNA_N

ClientSampleId :

E28X4DL

Tgt Ion:142 Resp: 39

Ion Ratio Lower Upper

142 100

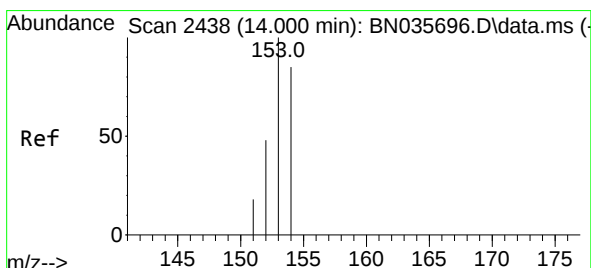
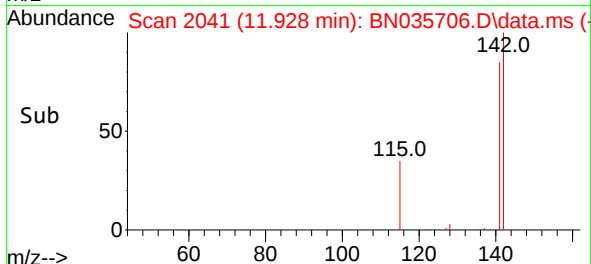
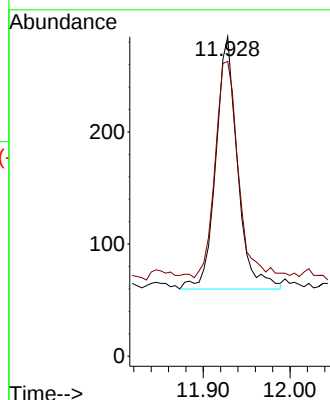
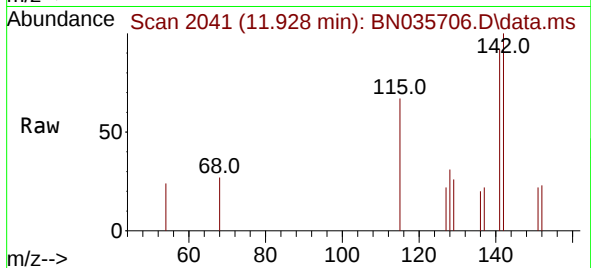
141 92.3 74.7 112.1

Manual Integrations

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#11

Acenaphthene

Concen: 0.150 ng/ul

RT: 14.000 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BN035706.D

Acq: 19 Dec 2024 15:05

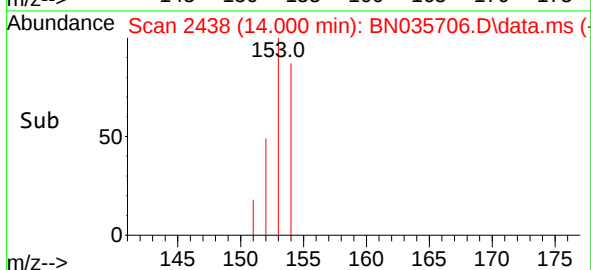
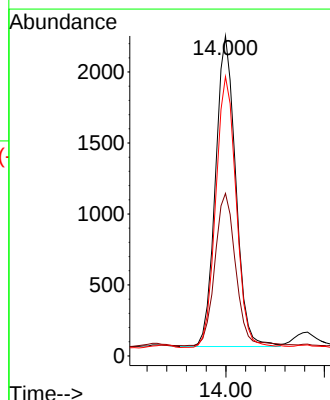
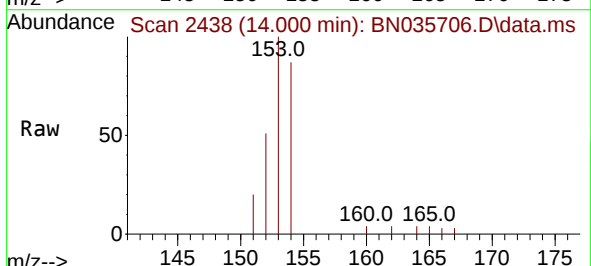
Tgt Ion:153 Resp: 3113

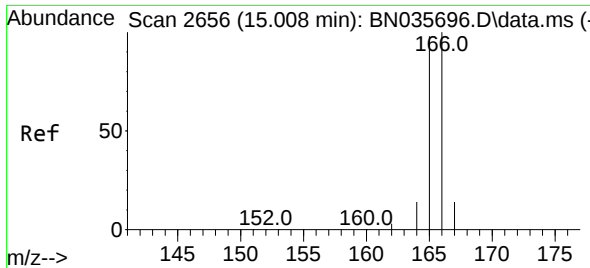
Ion Ratio Lower Upper

153 100

152 50.8 39.8 59.6

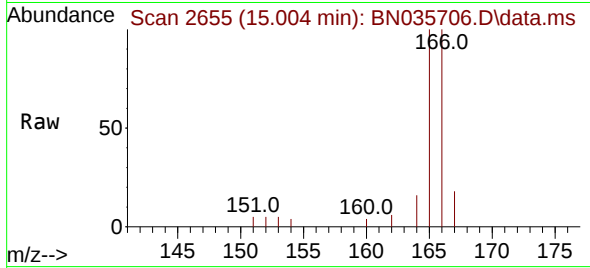
154 87.3 69.8 104.8





#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.004 min Scan# 2022
Delta R.T. -0.009 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

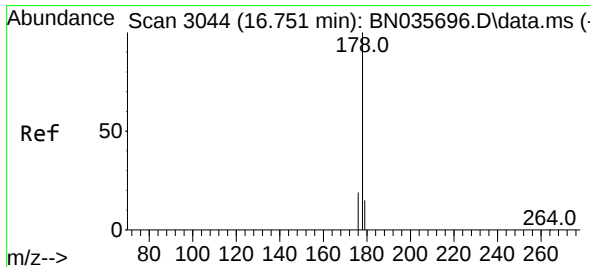
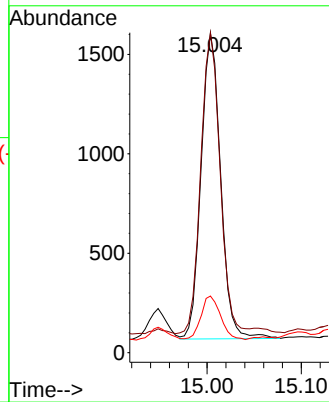
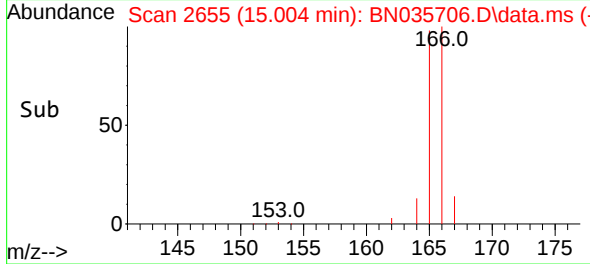
Instrument :
BNA_N
ClientSampleId :
E28X4DL



Tgt Ion:166 Resp: 222
Ion Ratio Lower Upper
166 100
165 100.1 79.5 119.3
167 17.7 11.8 17.8

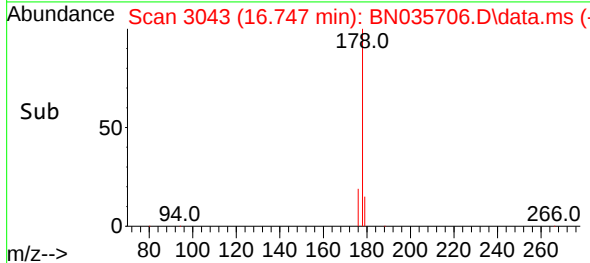
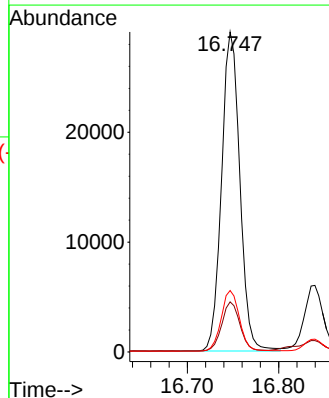
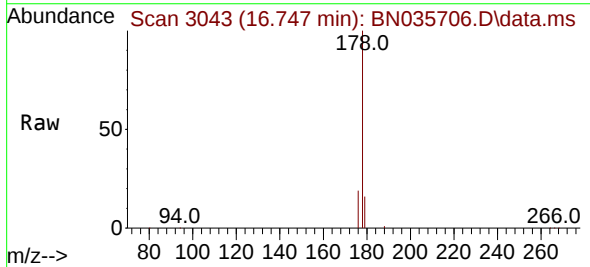
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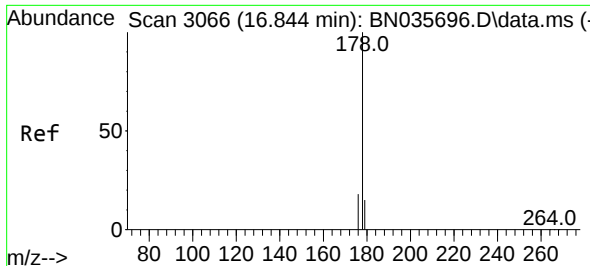
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
Phenanthrene
Concen: 1.082 ng/u1
RT: 16.747 min Scan# 3043
Delta R.T. -0.013 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

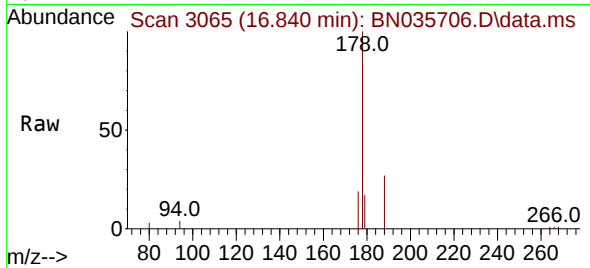
Tgt Ion:178 Resp: 40302
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.2 15.8 23.8





#16
 Anthracene
 Concen: 0.239 ng/ul
 RT: 16.840 min Scan# 3066
 Delta R.T. -0.008 min
 Lab File: BN035706.D
 Acq: 19 Dec 2024 15:05

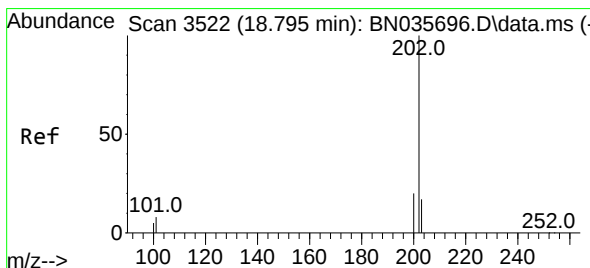
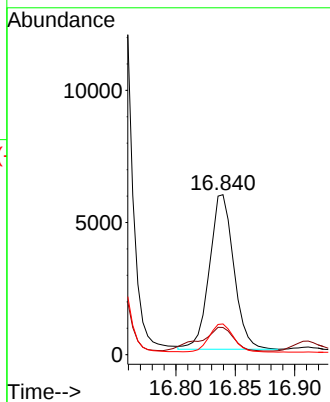
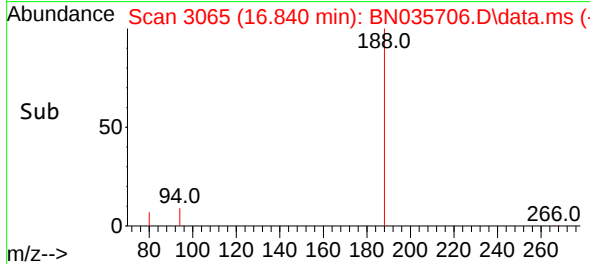
Instrument :
 BNA_N
 ClientSampleId :
 E28X4DL



Tgt Ion:178 Resp: 8335
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.4 20.0
 176 19.2 15.4 23.0

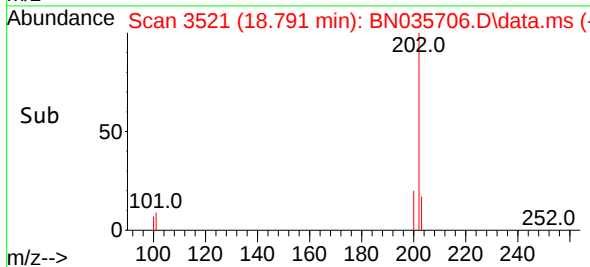
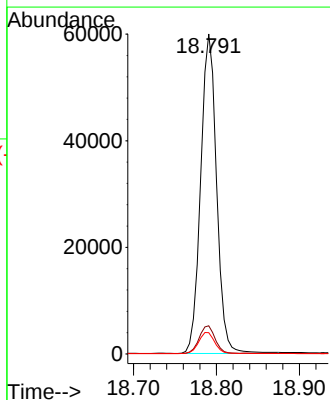
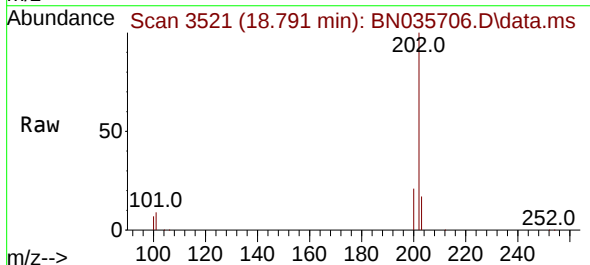
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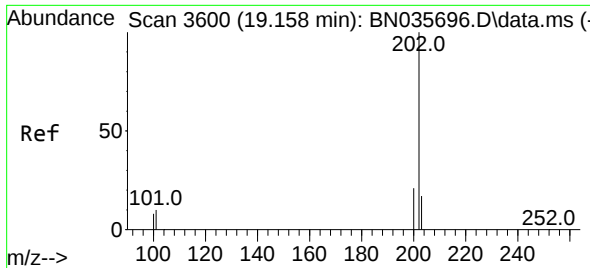
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#19
 Fluoranthene
 Concen: 1.756 ng/ul
 RT: 18.791 min Scan# 3521
 Delta R.T. -0.009 min
 Lab File: BN035706.D
 Acq: 19 Dec 2024 15:05

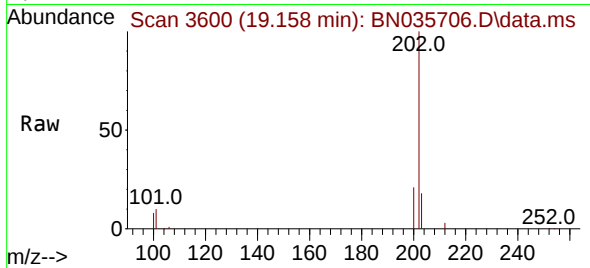
Tgt Ion:202 Resp: 80272
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.3 10.9
 100 6.7 5.4 8.0





#20
Pyrene
Concen: 1.200 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

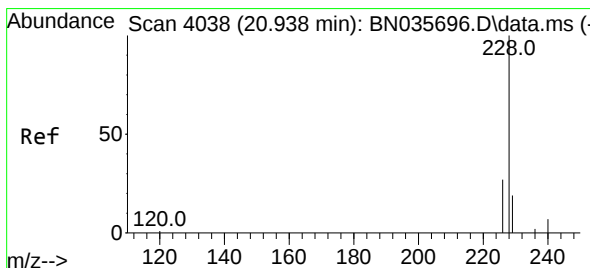
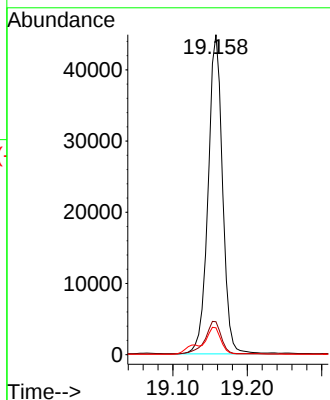
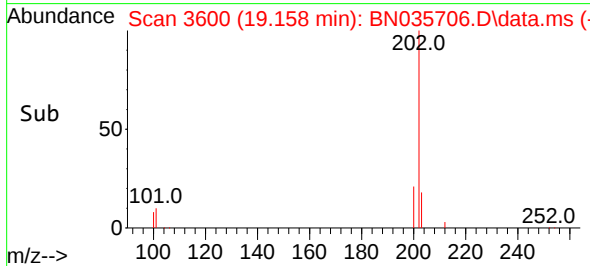
Instrument :
BNA_N
ClientSampleId :
E28X4DL



Tgt Ion:202 Resp: 60400
Ion Ratio Lower Upper
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101 10.3 8.5 12.7
100 8.4 6.5 9.7

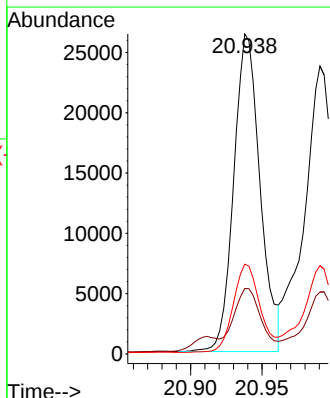
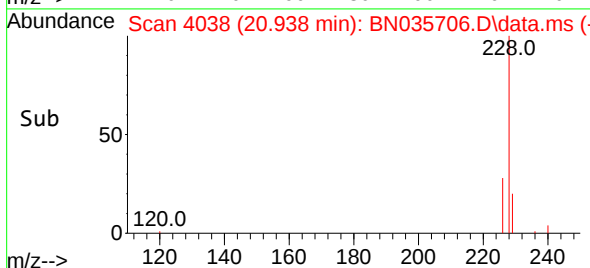
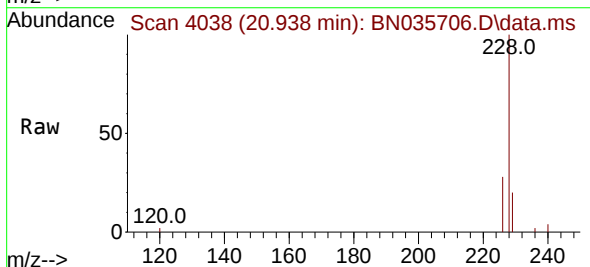
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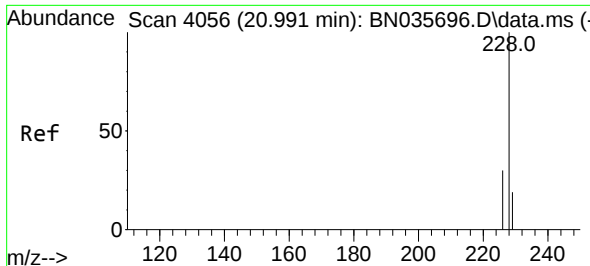
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#21
Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

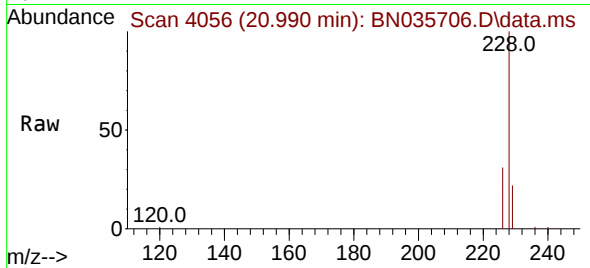
Tgt Ion:228 Resp: 33831
Ion Ratio Lower Upper
228 100
229 20.5 16.6 25.0
226 28.1 22.5 33.7





#22
Chrysene
Concen: 0.786 ng/ul
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

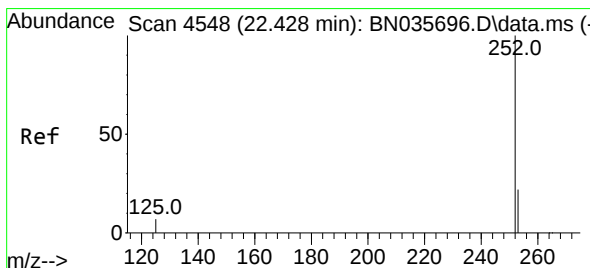
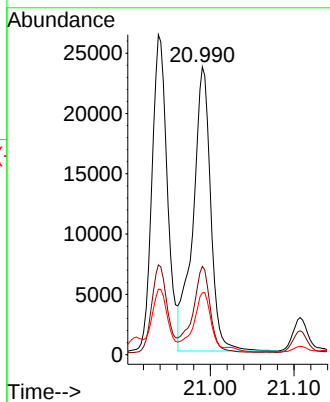
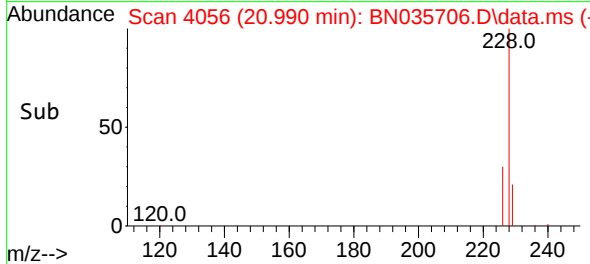
Instrument :
BNA_N
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E28X4DL



Tgt Ion:228 Resp: 34560
Ion Ratio Lower Upper
228 100
226 30.7 25.1 37.7
229 21.5 16.6 24.8

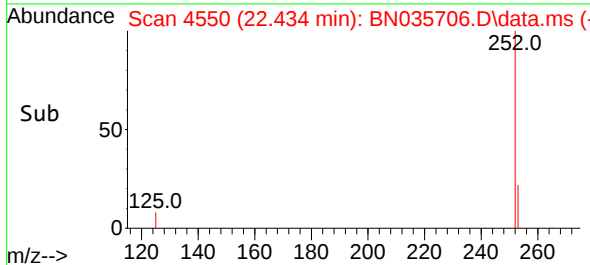
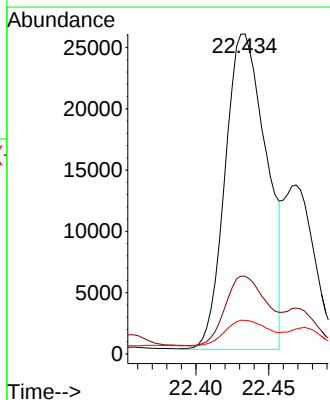
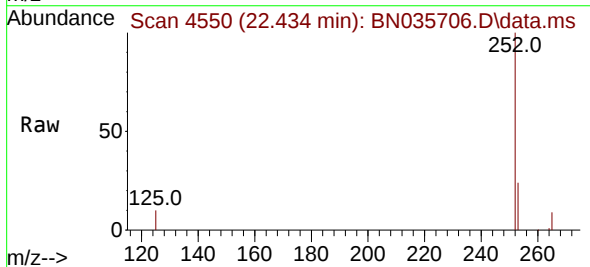
Manual Integrations
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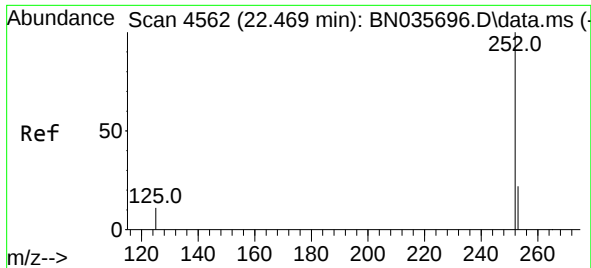
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Benzo(b)fluoranthene
Concen: 1.245 ng/ul m
RT: 22.434 min Scan# 4550
Delta R.T. -0.009 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

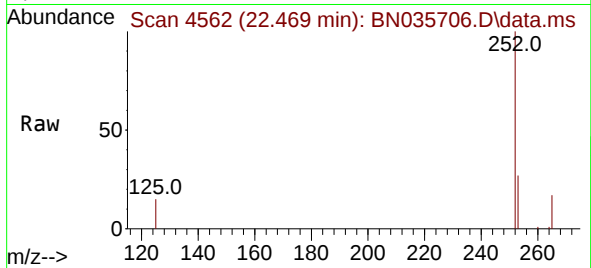
Tgt Ion:252 Resp: 50835
Ion Ratio Lower Upper
252 100
253 24.3 0.0 56.4
125 10.5 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.462 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

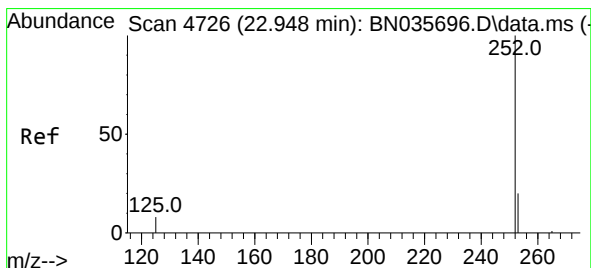
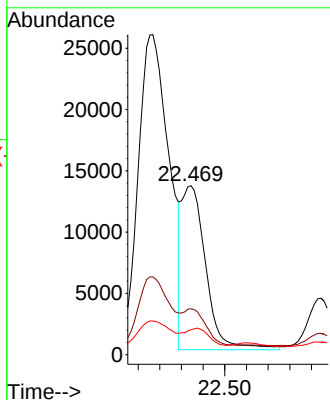
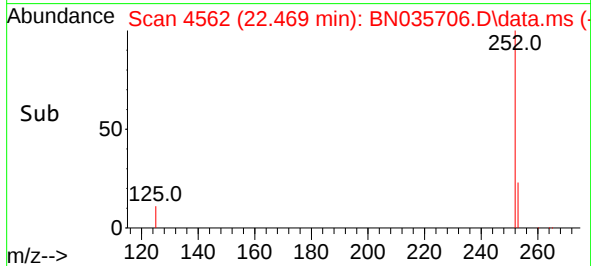
Instrument :
BNA_N
ClientSampleId :
E28X4DL



Tgt Ion:252 Resp: 2085
Ion Ratio Lower Upper
252 100
253 27.2 22.1 33.1
125 14.8 15.3 22.9

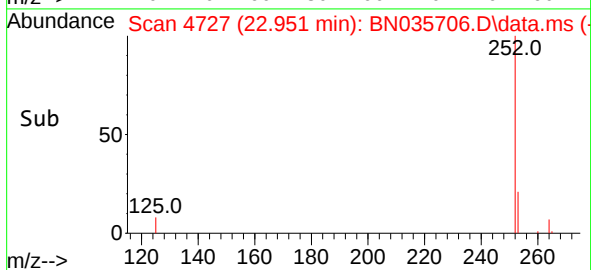
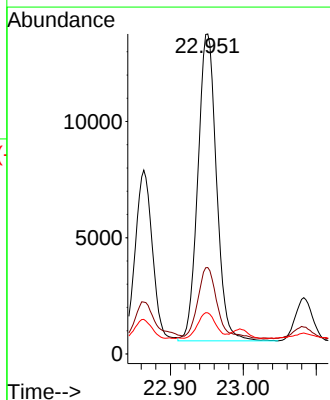
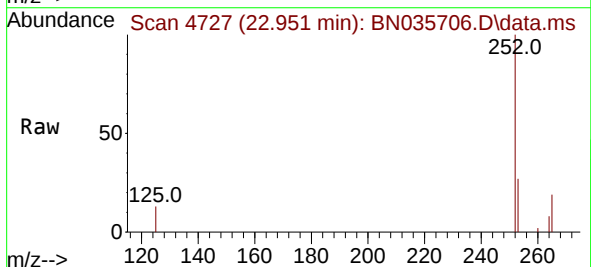
Manual Integrations
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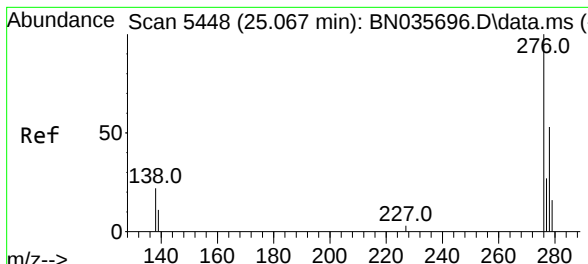
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.592 ng/ul
RT: 22.951 min Scan# 4727
Delta R.T. -0.012 min
Lab File: BN035706.D
Acq: 19 Dec 2024 15:05

Tgt Ion:252 Resp: 23395
Ion Ratio Lower Upper
252 100
253 27.0 24.1 36.1
125 12.9 19.1 28.7





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.437 ng/ul m
 RT: 25.064 min Scan# 5448
 Delta R.T. -0.017 min
 Lab File: BN035706.D
 Acq: 19 Dec 2024 15:05

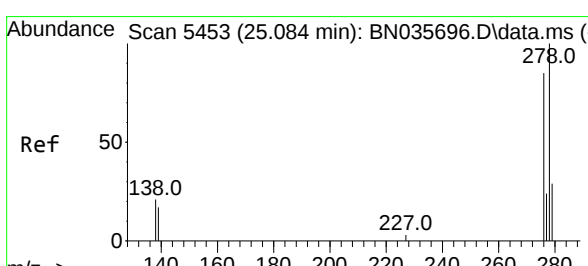
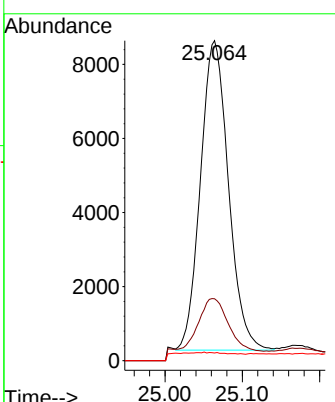
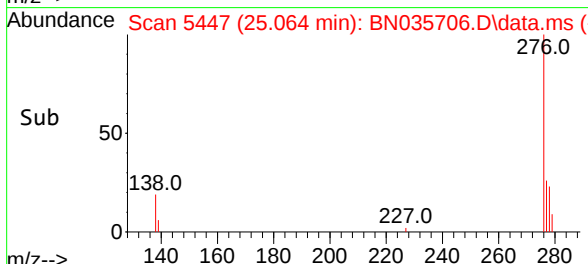
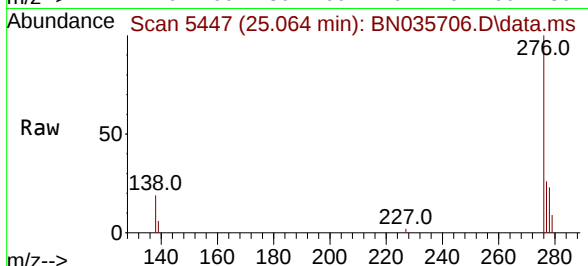
Instrument :
 BNA_N
 ClientSampleId :
 E28X4DL

Tgt Ion: 276 Resp: 21044

Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.7	22.1
227	13.6	21.6	32.4

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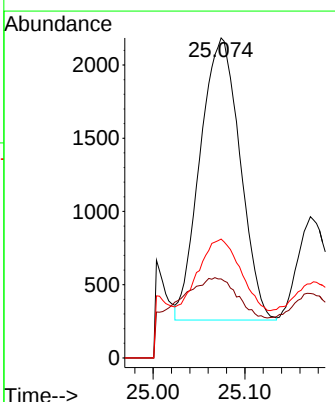
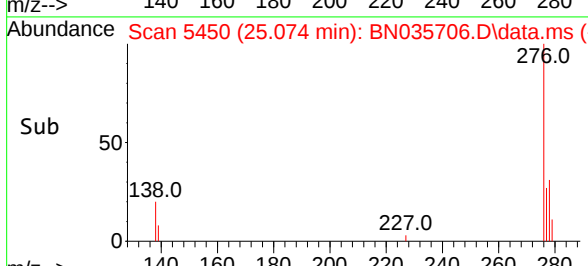
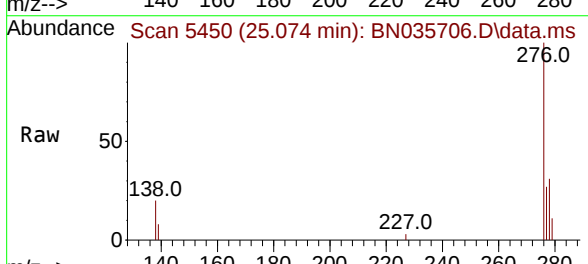
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

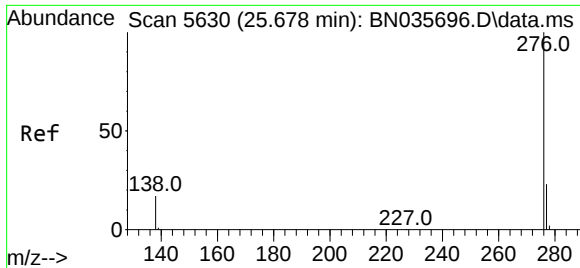


#28
 Dibenzo(a,h)anthracene
 Concen: 0.159 ng/ul m
 RT: 25.074 min Scan# 5450
 Delta R.T. -0.027 min
 Lab File: BN035706.D
 Acq: 19 Dec 2024 15:05

Tgt Ion: 278 Resp: 5831

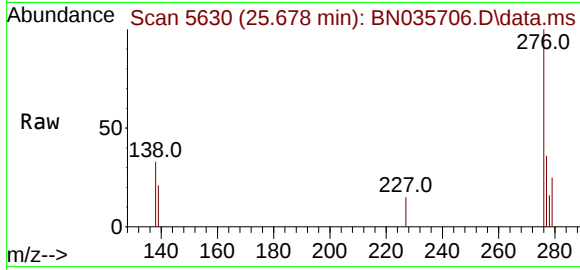
Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.8	29.8
279	37.1	24.0	36.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.088 ng/ul
 RT: 25.678 min Scan# 50
 Delta R.T. -0.020 min
 Lab File: BN035706.D
 Acq: 19 Dec 2024 15:05

Instrument :
 BNA_N
 ClientSampleId :
 E28X4DL



Tgt Ion:	276	Resp:	338
Ion	Ratio	Lower	Upper
276	100		
138	32.6	19.6	29.4
277	35.6	21.6	32.4

Manual Integrations
 APPROVED

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

