

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035674.D
 Acq On : 18 Dec 2024 17:31
 Operator : RC/JU
 Sample : P5258-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Y3

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:54:31 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	2504	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7092	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5036	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10619	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9231	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	12008	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	9524	4.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2546	0.252	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	5749	0.213	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.075	128	539m	0.031	ng/ul	
7) 2-Methylnaphthalene	11.708	142	444	0.038	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	315	0.026	ng/ul	98
10) Acenaphthylene	13.653	152	617	0.032	ng/ul#	65
15) Phenanthrene	16.751	178	4399	0.166	ng/ul	97
16) Anthracene	16.844	178	968	0.039	ng/ul#	79
19) Fluoranthene	18.795	202	10308	0.312	ng/ul	99
20) Pyrene	19.163	202	9413m	0.259	ng/ul	
21) Benzo(a)anthracene	20.944	228	4987	0.163	ng/ul#	91
22) Chrysene	20.993	228	5640	0.178	ng/ul#	94
24) Benzo(b)fluoranthene	22.437	252	7728m	0.218	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	2611m	0.067	ng/ul	
26) Benzo(a)pyrene	22.954	252	5429	0.158	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.074	276	4118	0.099	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.077	278	867m	0.027	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	4479	0.134	ng/ul#	83

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

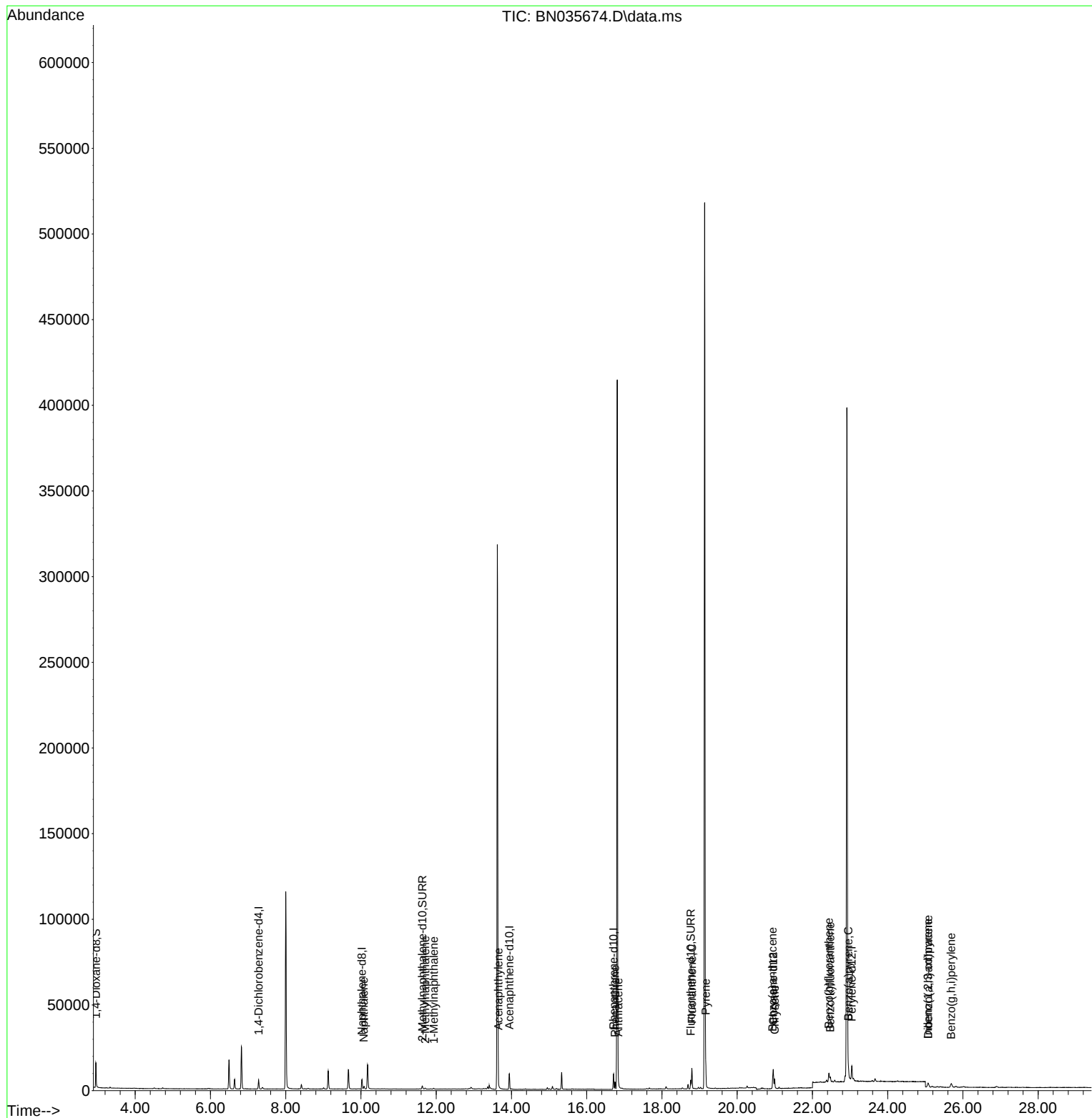
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035674.D
Acq On : 18 Dec 2024 17:31
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ALS Vial : 13 Sample Multiplier: 1

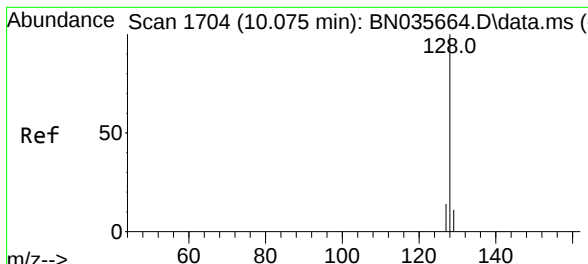
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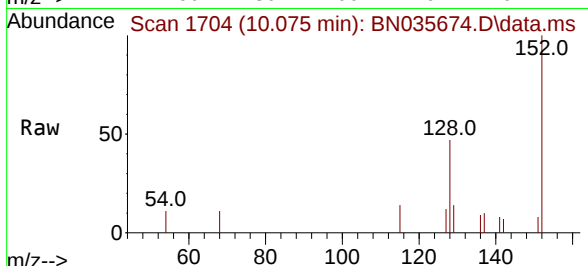
Quant Time: Dec 19 00:54:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.031 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

Instrument :
BNA_N
ClientSampleId :
E28Y3

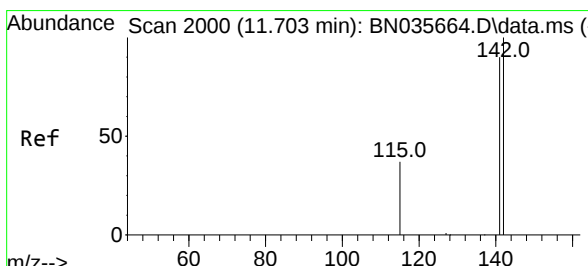
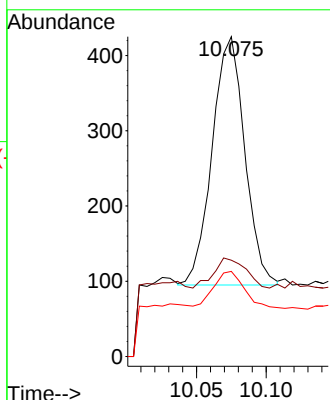
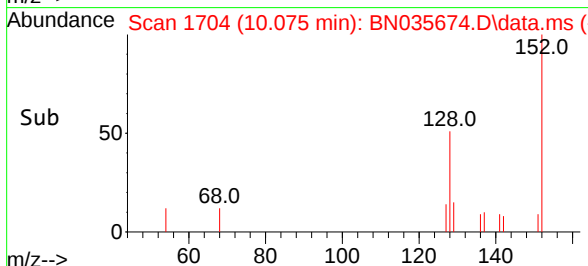


Tgt Ion:128 Resp: 539

Ion	Ratio	Lower	Upper
128	100		
129	30.1	10.8	16.2
127	26.6	12.0	18.0

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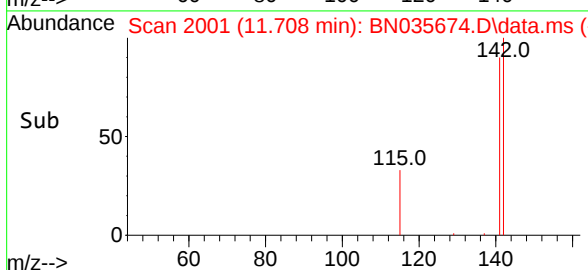
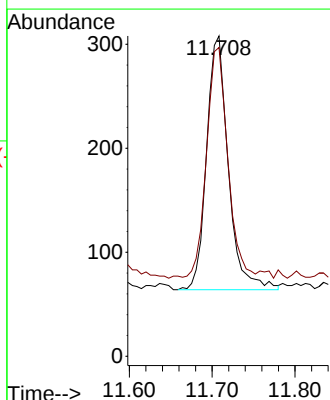
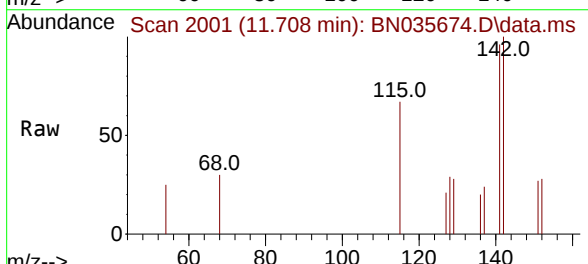
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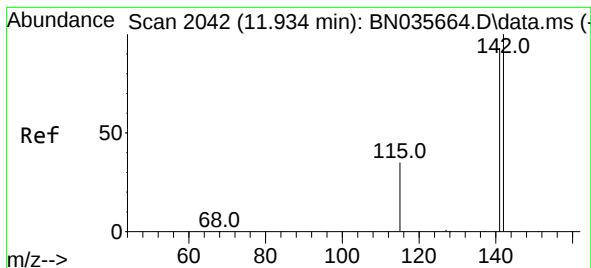


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

Tgt Ion:142 Resp: 444

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.8	109.2





#8

1-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035674.D

Acq: 18 Dec 2024 17:31

Instrument :

BNA_N

ClientSampleId :

E28Y3

Tgt Ion:142 Resp: 315

Ion Ratio Lower Upper

142 100

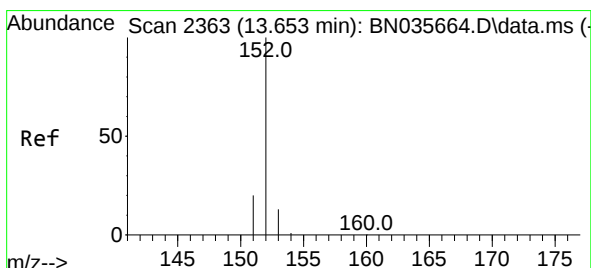
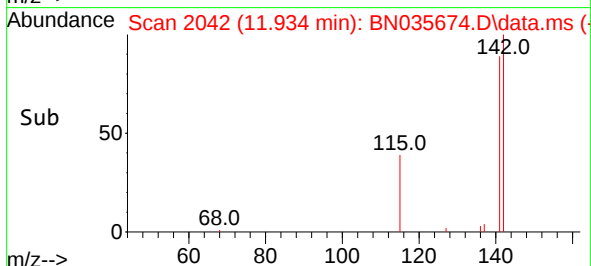
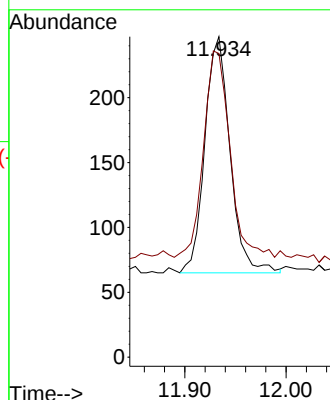
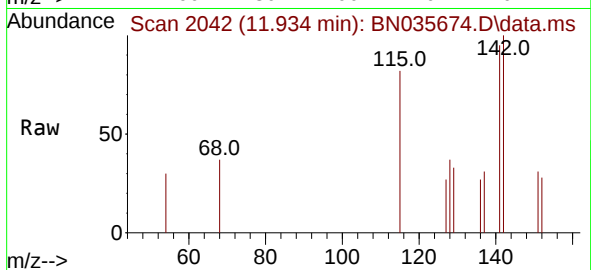
141 91.4 74.7 112.1

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#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 13.653 min Scan# 2363

Delta R.T. -0.009 min

Lab File: BN035674.D

Acq: 18 Dec 2024 17:31

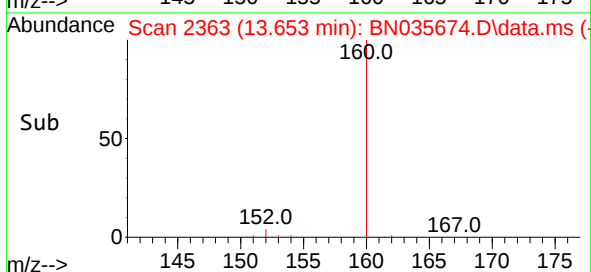
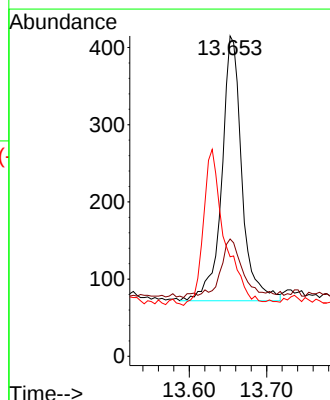
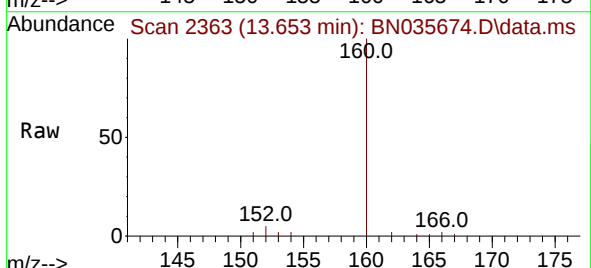
Tgt Ion:152 Resp: 617

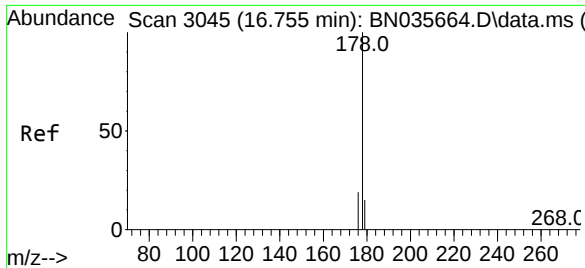
Ion Ratio Lower Upper

152 100

151 36.6 17.6 26.4#

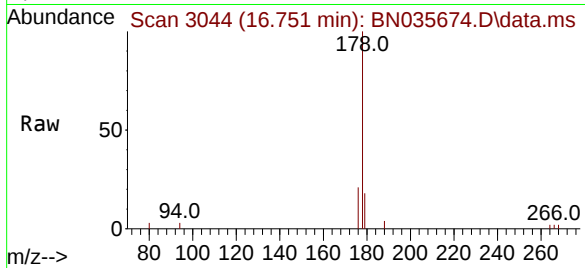
153 31.1 11.4 17.2#





#15
Phenanthrene
Concen: 0.166 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

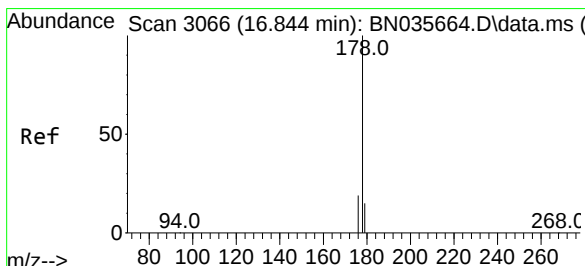
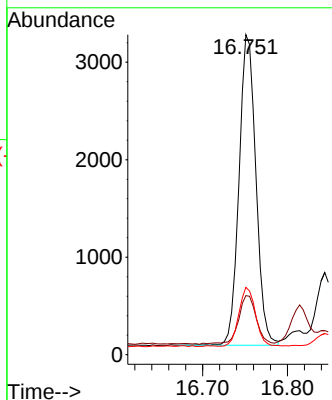
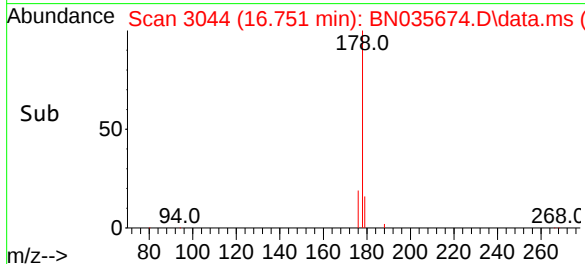
Instrument :
BNA_N
ClientSampleId :
E28Y3



Tgt Ion:178 Resp: 4399
Ion Ratio Lower Upper
178 100
179 18.5 13.3 19.9
176 21.1 15.8 23.8

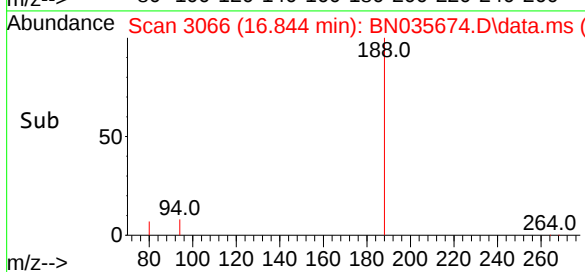
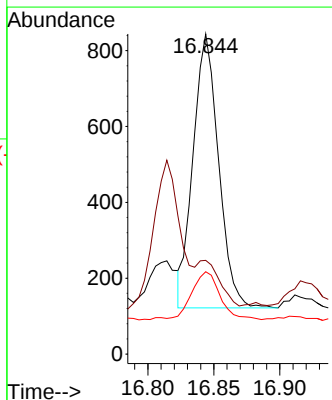
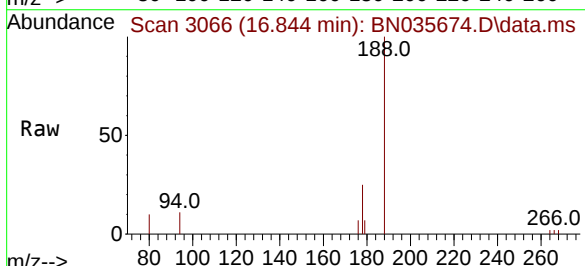
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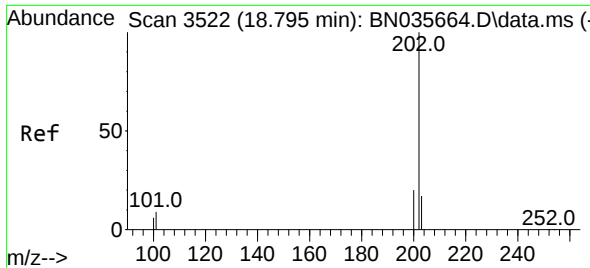
Reviewed By :Yogesh Patel 12/21/2024
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#16
Anthracene
Concen: 0.039 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

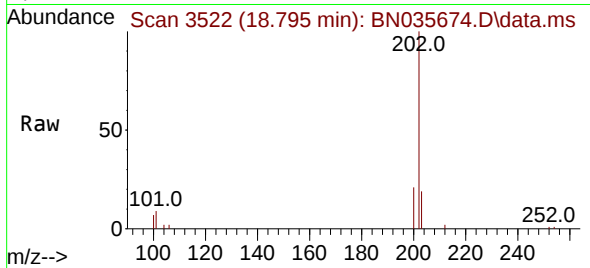
Tgt Ion:178 Resp: 968
Ion Ratio Lower Upper
178 100
179 29.3 13.4 20.0#
176 25.7 15.4 23.0#





#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

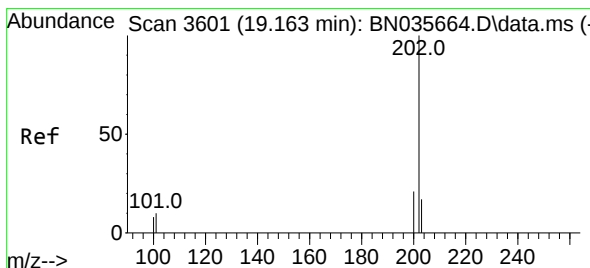
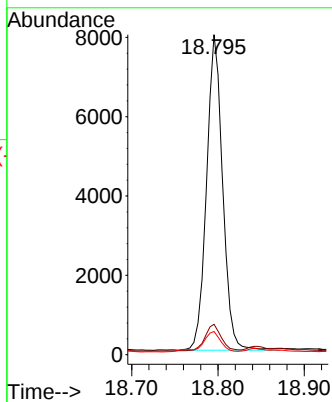
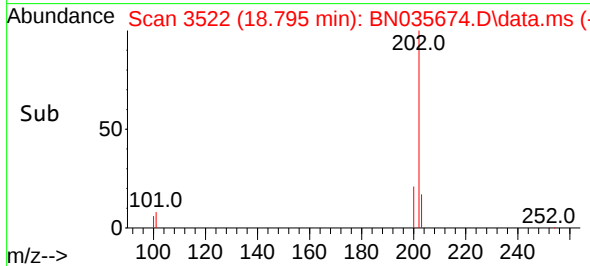
Instrument :
BNA_N
ClientSampleId :
E28Y3



Tgt Ion:202 Resp: 10308
Ion Ratio Lower Upper
202 100
101 9.5 7.3 10.9
100 7.3 5.4 8.0

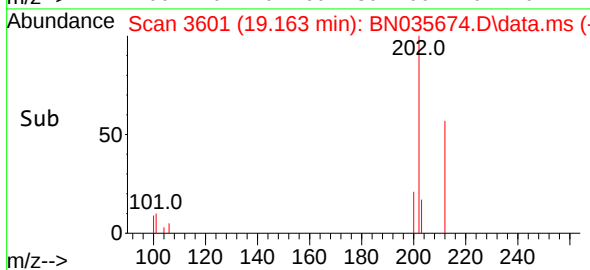
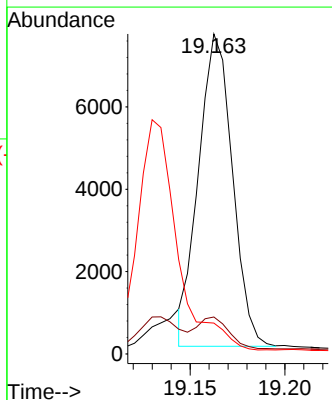
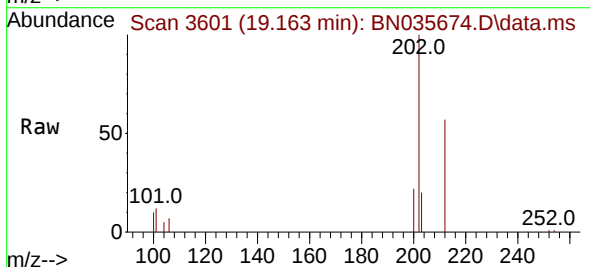
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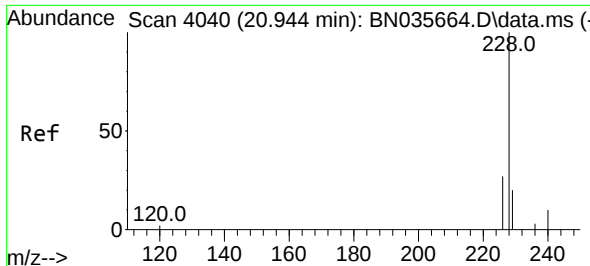
Reviewed By :Yogesh Patel 12/21/2024
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#20
Pyrene
Concen: 0.259 ng/ul m
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

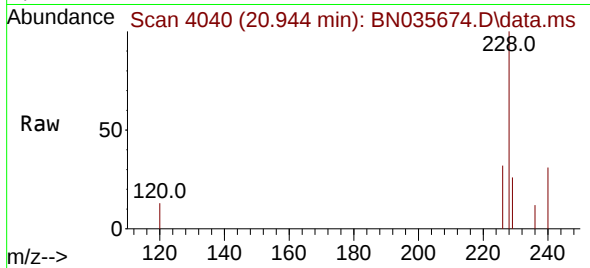
Tgt Ion:202 Resp: 9413
Ion Ratio Lower Upper
202 100
101 11.5 8.5 12.7
100 9.7 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

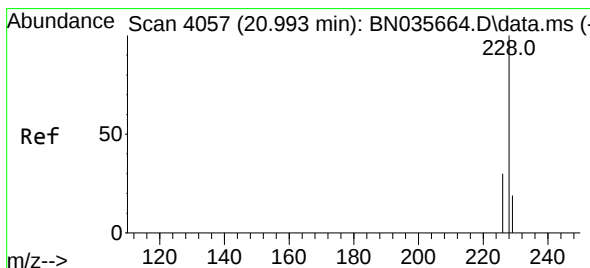
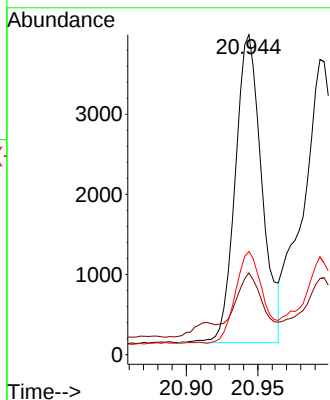
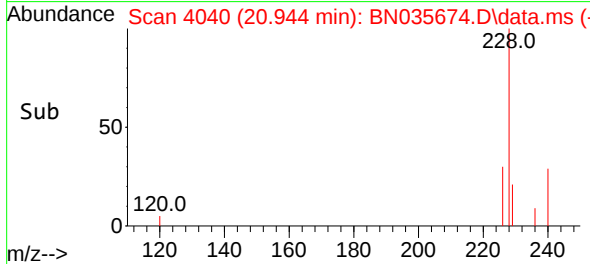
Instrument :
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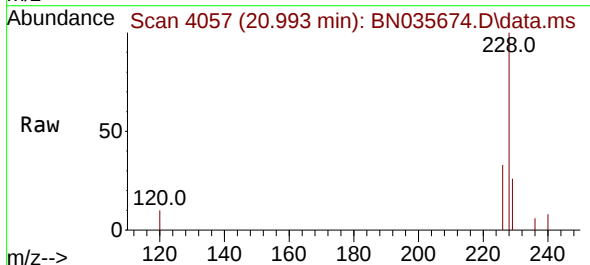
Tgt Ion:228 Resp: 4985
Ion Ratio Lower Upper
228 100
229 25.5 16.6 25.0#
226 32.2 22.5 33.7

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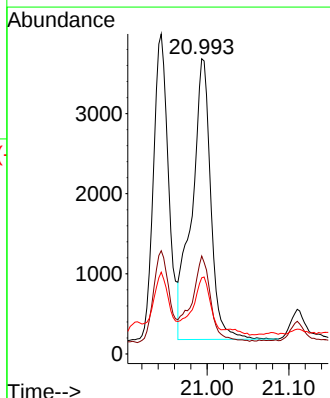
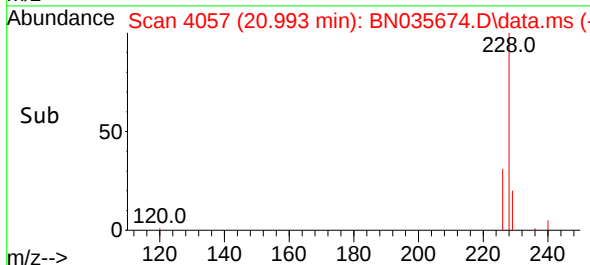
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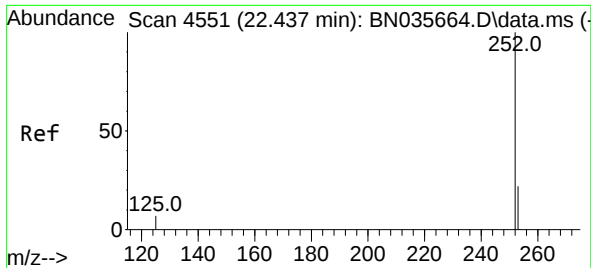


#22
Chrysene
Concen: 0.178 ng/ul
RT: 20.993 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31



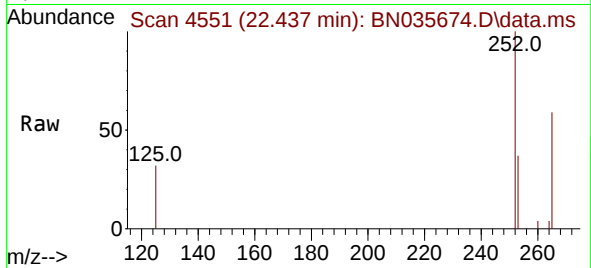
Tgt Ion:228 Resp: 5640
Ion Ratio Lower Upper
228 100
226 33.2 25.1 37.7
229 25.8 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 0.218 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

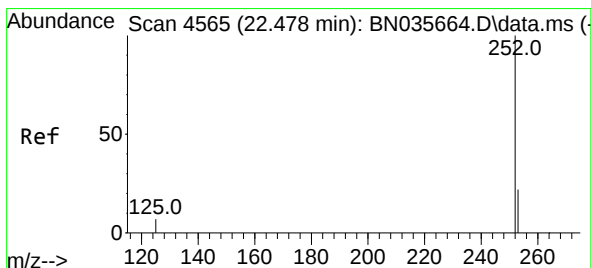
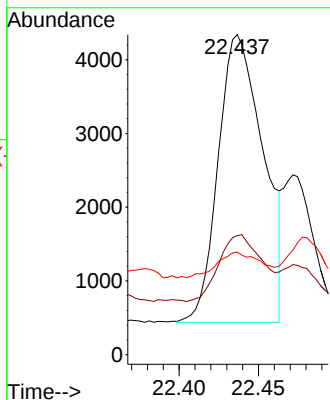
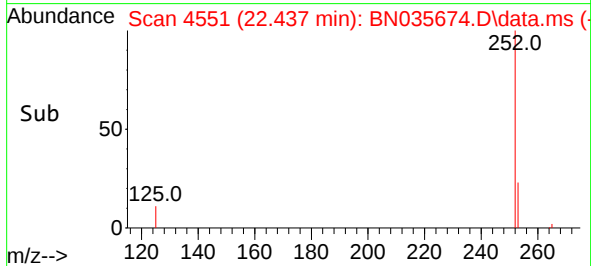
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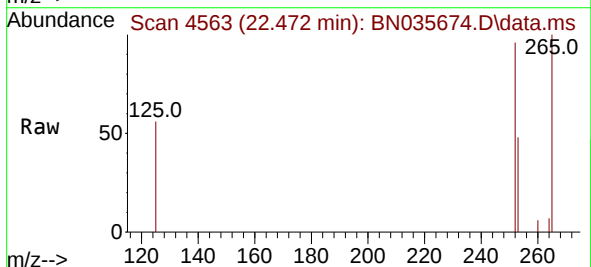
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Ion Ratio Lower Upper
252 100
253 37.2 0.0 56.4
125 32.1 0.0 37.6

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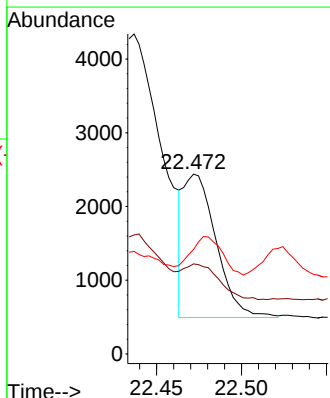
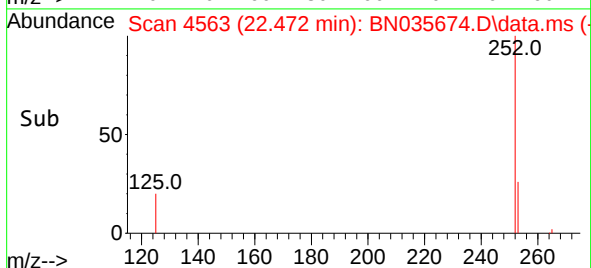
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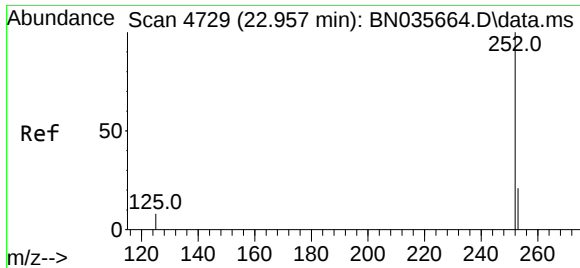


#25
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31



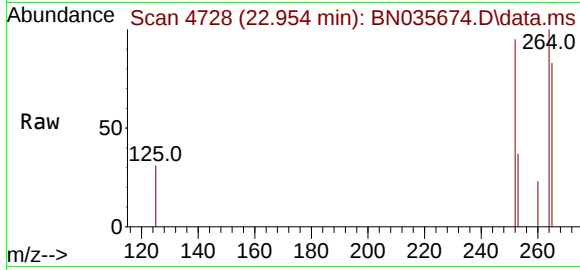
Tgt Ion:252 Resp: 2611
Ion Ratio Lower Upper
252 100
253 50.1 22.1 33.1#
125 58.1 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.158 ng/ul
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

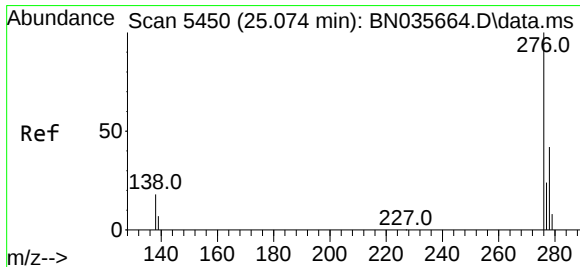
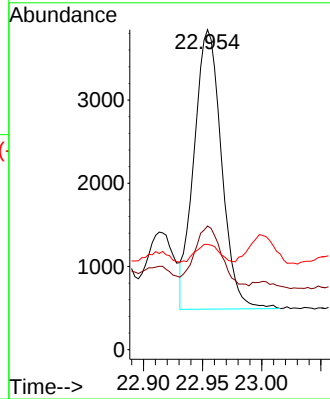
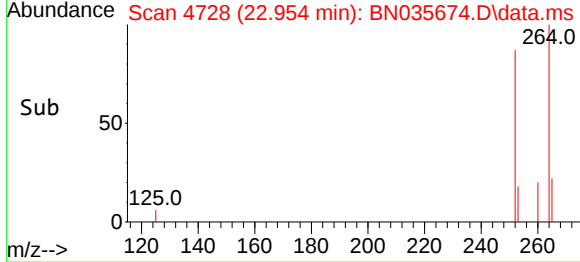
Instrument :
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ClientSampleId :
E28Y3



Tgt Ion:252 Resp: 5429
Ion Ratio Lower Upper
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253 38.6 24.1 36.1#
125 32.9 19.1 28.7#

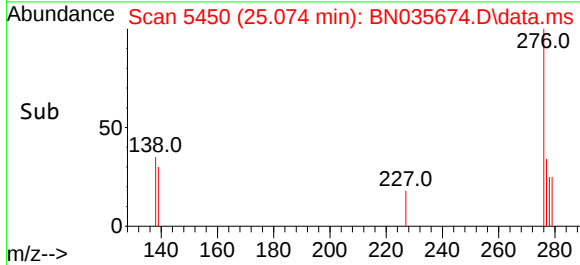
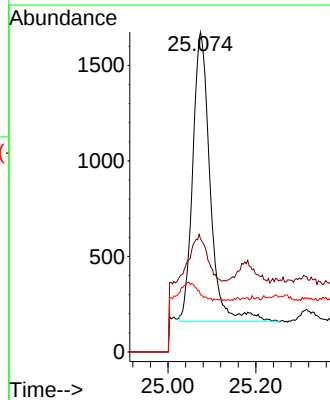
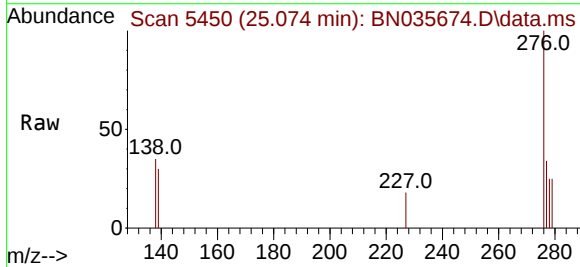
Manual Integrations
APPROVED

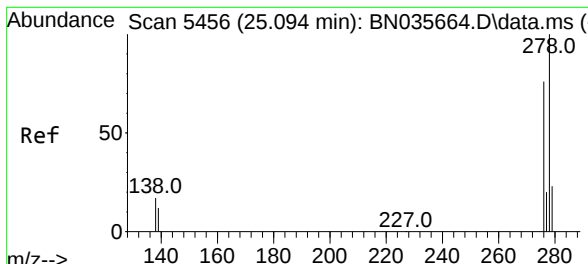
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035674.D
Acq: 18 Dec 2024 17:31

Tgt Ion:276 Resp: 4118
Ion Ratio Lower Upper
276 100
138 161.0 14.7 22.1#
227 0.0 21.6 32.4#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul m
 RT: 25.077 min Scan# 5456
 Delta R.T. -0.023 min
 Lab File: BN035674.D
 Acq: 18 Dec 2024 17:31

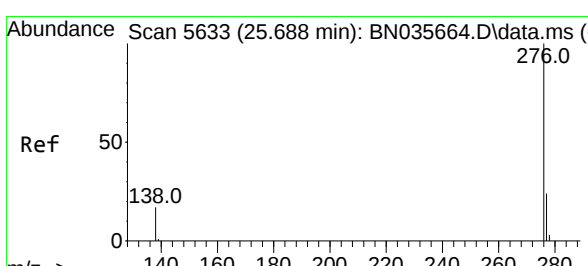
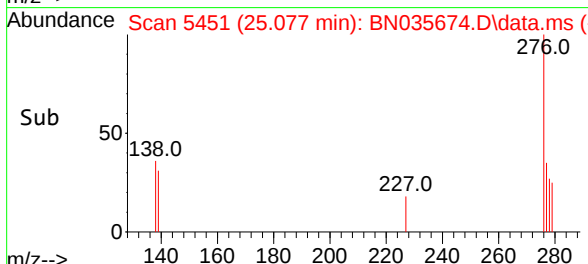
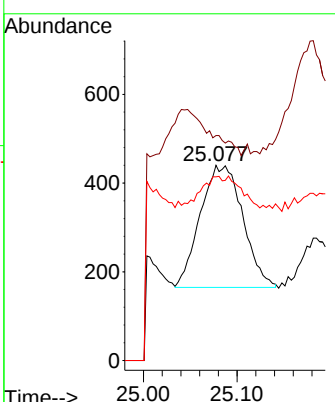
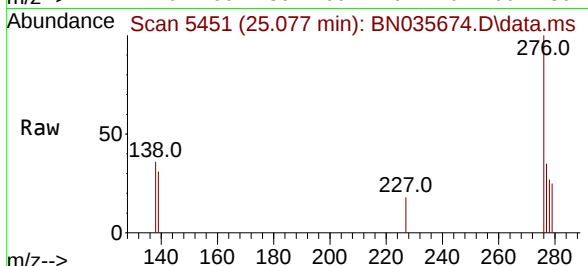
Instrument :
 BNA_N
 ClientSampleId :
 E28Y3

Tgt Ion: 278 Resp: 86

Ion	Ratio	Lower	Upper
278	100		
139	115.2	19.8	29.8
279	94.1	24.0	36.0

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#29
 Benzo(g,h,i)perylene
 Concen: 0.134 ng/ul
 RT: 25.688 min Scan# 5633
 Delta R.T. -0.010 min
 Lab File: BN035674.D
 Acq: 18 Dec 2024 17:31

Tgt Ion: 276 Resp: 4479

Ion	Ratio	Lower	Upper
276	100		
138	35.8	19.6	29.4
277	33.1	21.6	32.4

