

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035669.D
 Acq On : 18 Dec 2024 14:28
 Operator : RC/JU
 Sample : P5155-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T5

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 15:06:33 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	7.280	152	3033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	9107	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6445	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13923	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	11915	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	12524m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	7708	2.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2122	0.164	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	4812	0.138	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	4033m	0.181	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1817	0.121	ng/ul	98
8) 1-Methylnaphthalene	11.934	142	927	0.059	ng/ul	98
10) Acenaphthylene	13.657	152	1031	0.041	ng/ul#	80
12) Fluorene	15.008	166	576	0.026	ng/ul#	86
15) Phenanthrene	16.755	178	12370	0.355	ng/ul	99
16) Anthracene	16.848	178	2336	0.072	ng/ul#	85
19) Fluoranthene	18.795	202	20939	0.491	ng/ul	100
20) Pyrene	19.167	202	20662	0.440	ng/ul	99
21) Benzo(a)anthracene	20.947	228	11890	0.301	ng/ul#	91
22) Chrysene	20.999	228	15885	0.387	ng/ul#	94
24) Benzo(b)fluoranthene	22.440	252	26088m	0.707	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	9394m	0.230	ng/ul	
26) Benzo(a)pyrene	22.960	252	17126	0.479	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.081	276	14913m	0.343	ng/ul	
28) Dibenzo(a,h)anthracene	25.087	278	3446m	0.104	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	17186	0.492	ng/ul	95

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

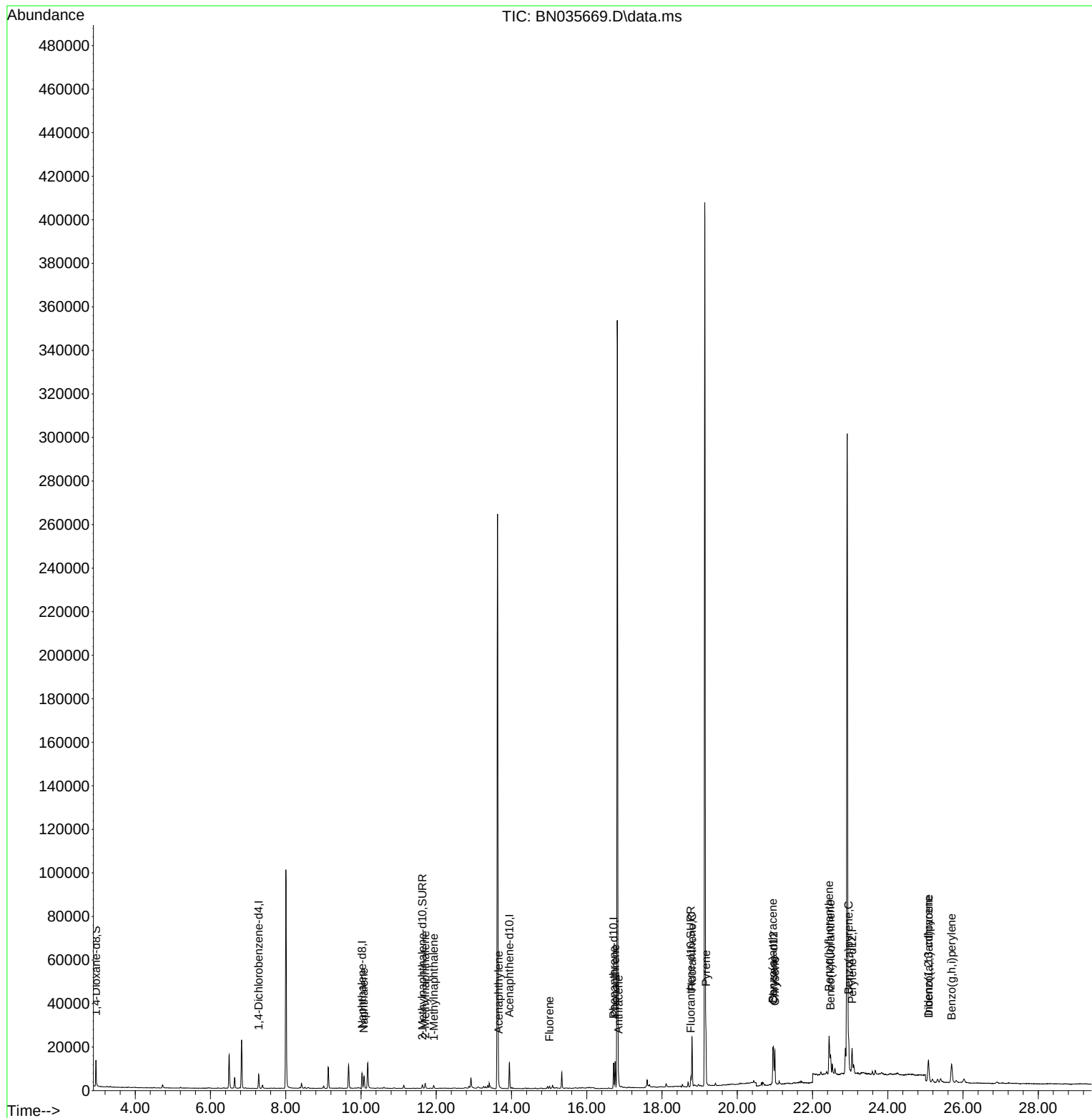
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035669.D
Acq On : 18 Dec 2024 14:28
Operator : RC/JU
Sample : P5155-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

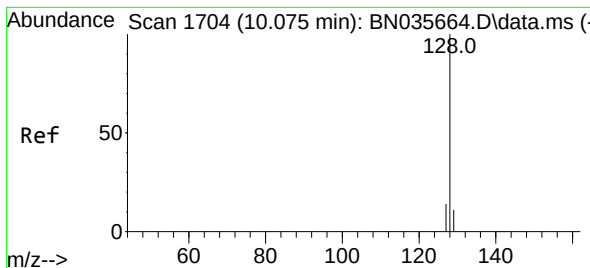
Instrument :
BNA_N
ClientSampleId :
E28T5

Manual Integrations
APPROVED

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

Quant Time: Dec 18 15:06:33 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





#5

Naphthalene

Concen: 0.181 ng/ul m

RT: 10.075 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN035669.D

Acq: 18 Dec 2024 14:28

Instrument :

BNA_N

ClientSampleId :

E28T5

Tgt Ion:128 Resp: 403

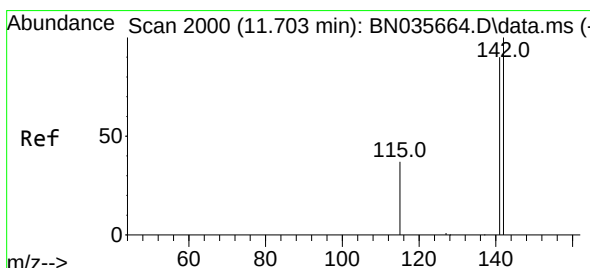
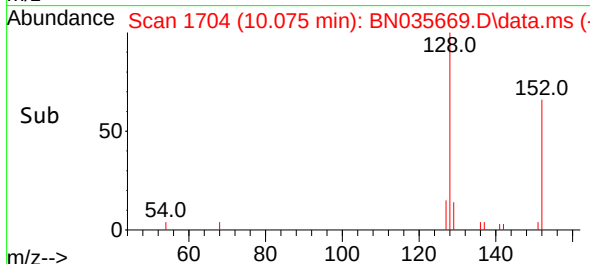
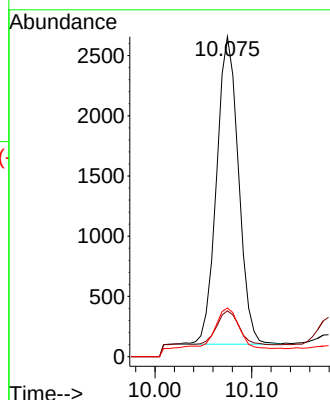
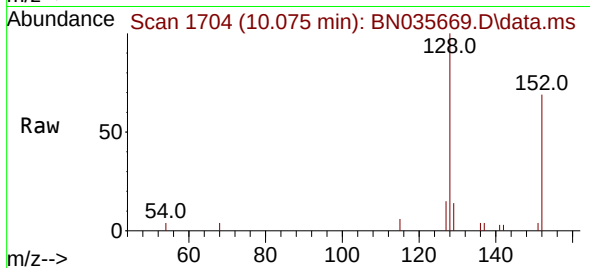
Ion	Ratio	Lower	Upper
128	100		
129	14.3	10.8	16.2
127	15.2	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#7

2-Methylnaphthalene

Concen: 0.121 ng/ul

RT: 11.708 min Scan# 2001

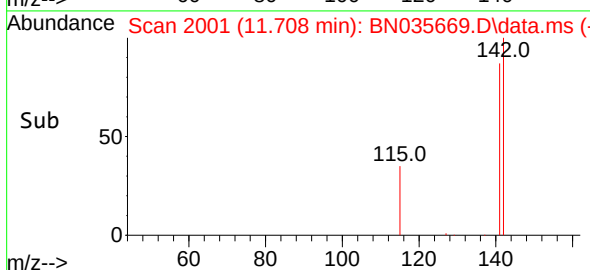
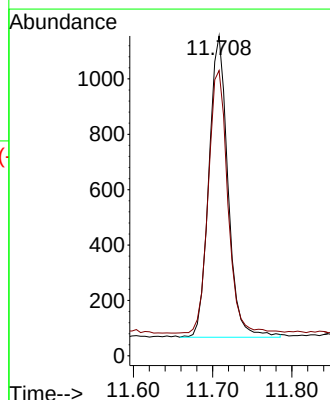
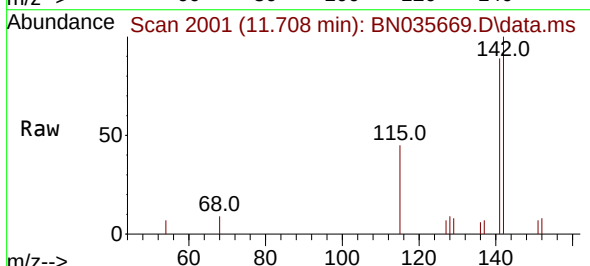
Delta R.T. -0.005 min

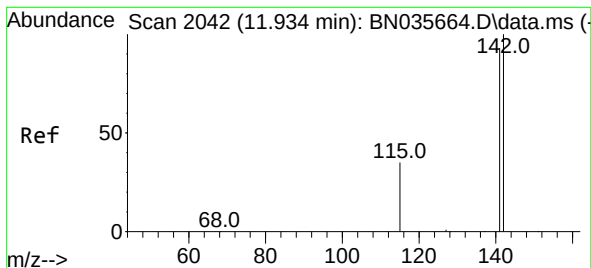
Lab File: BN035669.D

Acq: 18 Dec 2024 14:28

Tgt Ion:142 Resp: 1817

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.8	109.2





#8

1-Methylnaphthalene

Concen: 0.059 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035669.D

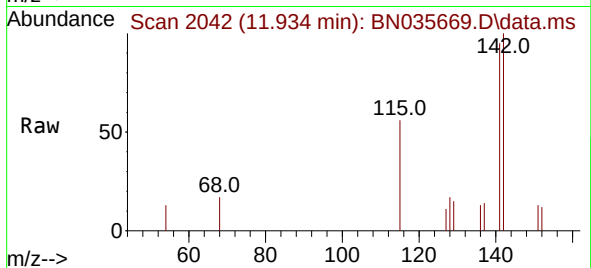
Acq: 18 Dec 2024 14:28

Instrument :

BNA_N

ClientSampleId :

E28T5



Tgt Ion:142 Resp: 92

Ion Ratio Lower Upper

142 100

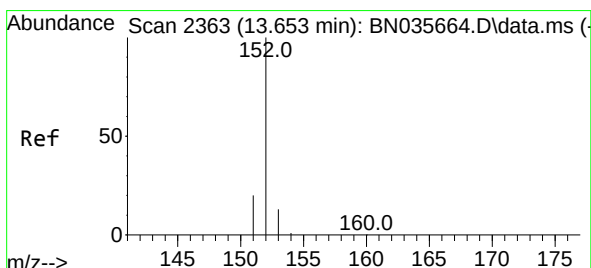
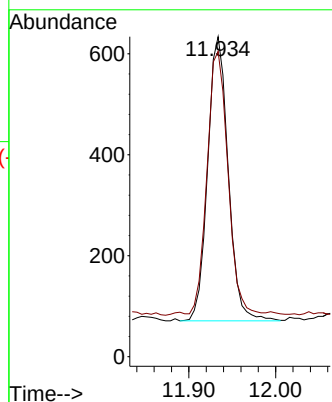
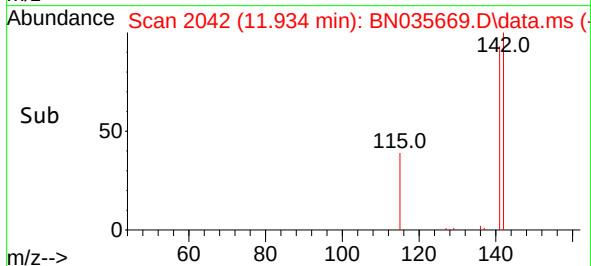
141 95.8 74.7 112.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#10

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035669.D

Acq: 18 Dec 2024 14:28

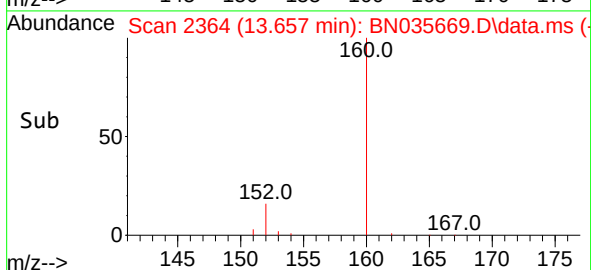
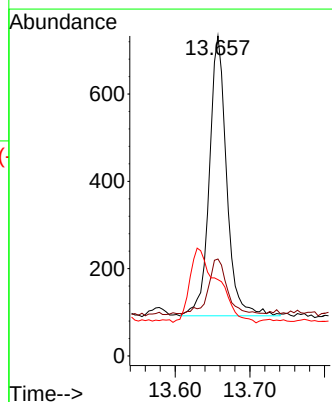
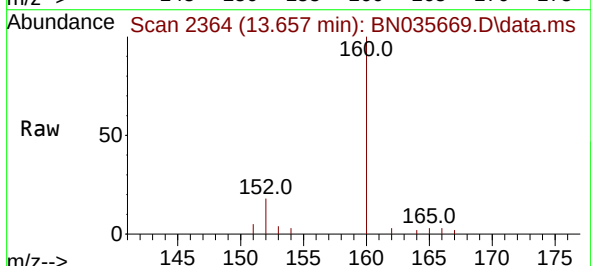
Tgt Ion:152 Resp: 1031

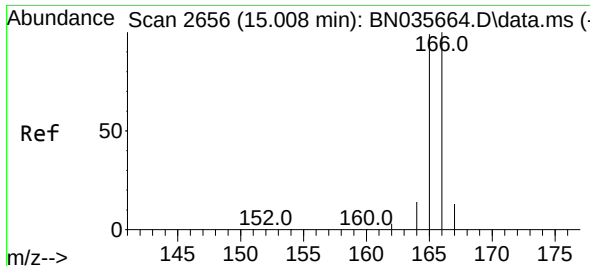
Ion Ratio Lower Upper

152 100

151 30.3 17.6 26.4#

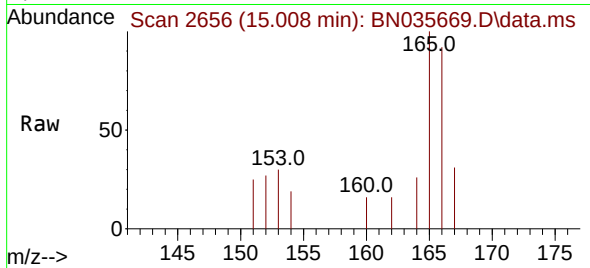
153 23.9 11.4 17.2#





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.008 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN035669.D
Acq: 18 Dec 2024 14:28

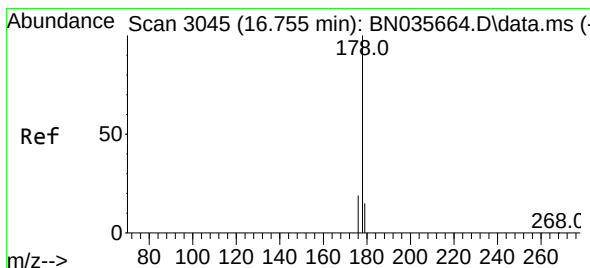
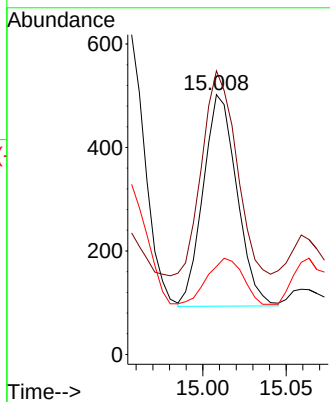
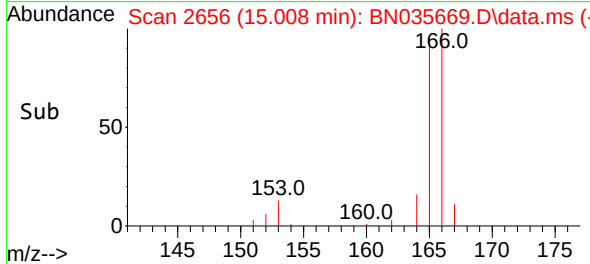
Instrument :
BNA_N
ClientSampleId :
E28T5



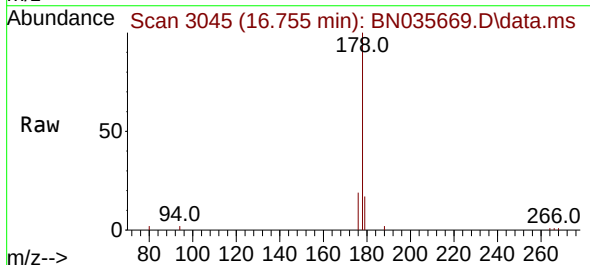
Tgt Ion:166 Resp: 570
Ion Ratio Lower Upper
166 100
165 109.2 79.5 119.3
167 33.9 11.8 17.8

Manual Integrations
APPROVED

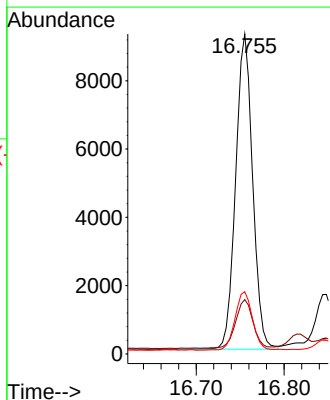
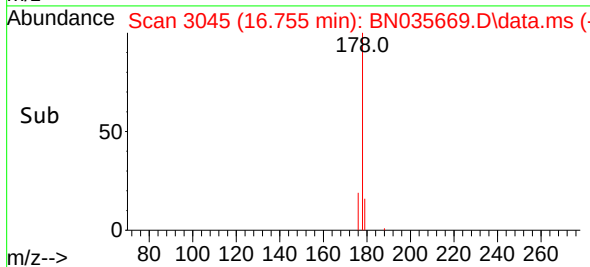
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

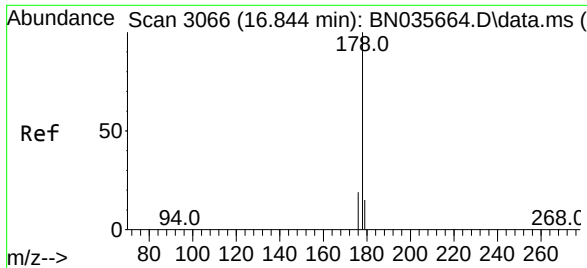


#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035669.D
Acq: 18 Dec 2024 14:28



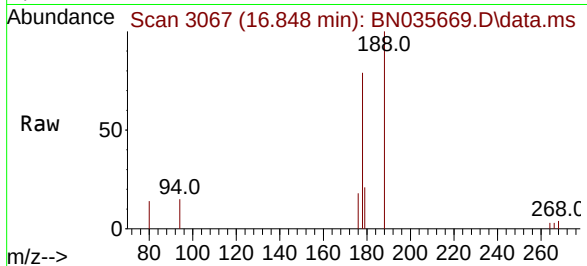
Tgt Ion:178 Resp: 12370
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 19.5 15.8 23.8





#16
 Anthracene
 Concen: 0.072 ng/ul
 RT: 16.848 min Scan# 3066
 Delta R.T. 0.000 min
 Lab File: BN035669.D
 Acq: 18 Dec 2024 14:28

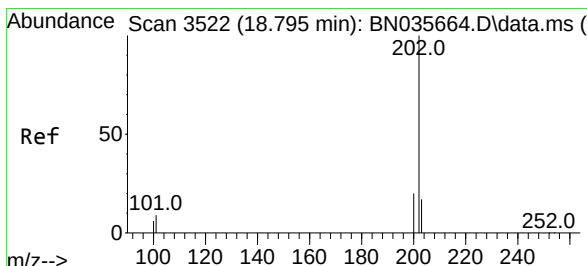
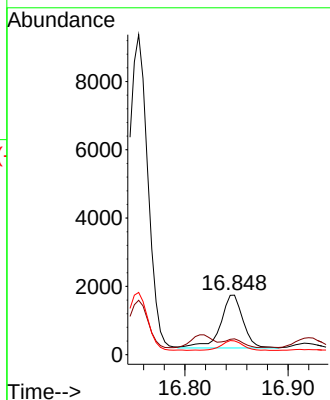
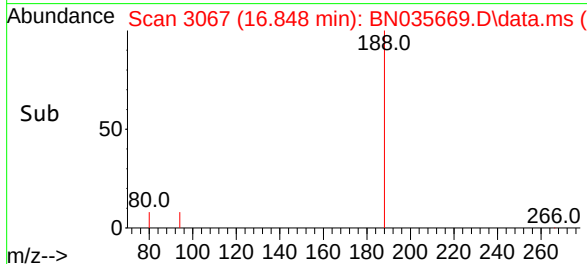
Instrument :
 BNA_N
 ClientSampleId :
 E28T5



Tgt Ion:178 Resp: 2330
 Ion Ratio Lower Upper
 178 100
 179 26.6 13.4 20.0
 176 23.0 15.4 23.0

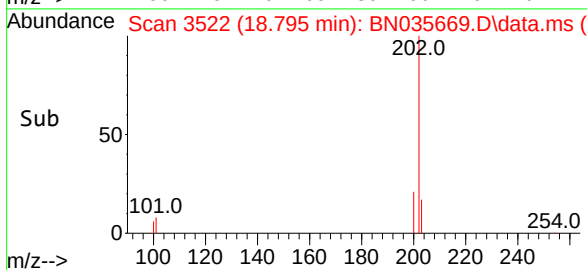
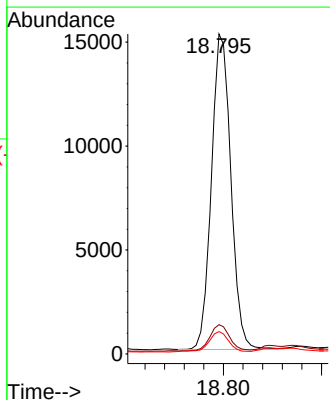
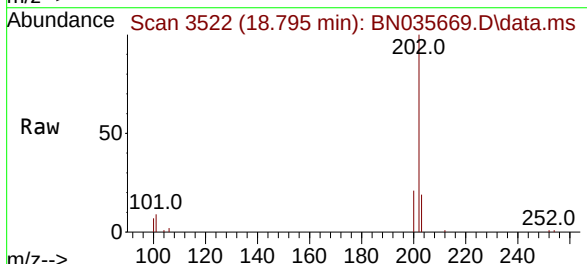
Manual Integrations
 APPROVED

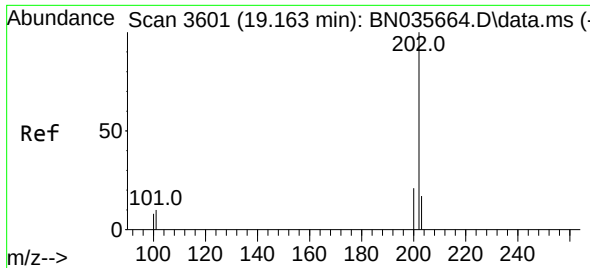
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#19
 Fluoranthene
 Concen: 0.491 ng/ul
 RT: 18.795 min Scan# 3522
 Delta R.T. -0.005 min
 Lab File: BN035669.D
 Acq: 18 Dec 2024 14:28

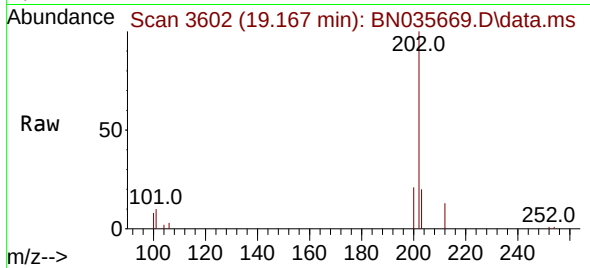
Tgt Ion:202 Resp: 20939
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.3 10.9
 100 7.0 5.4 8.0





#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.167 min Scan# 3061
Delta R.T. 0.000 min
Lab File: BN035669.D
Acq: 18 Dec 2024 14:28

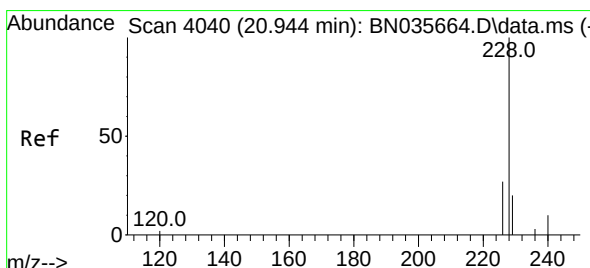
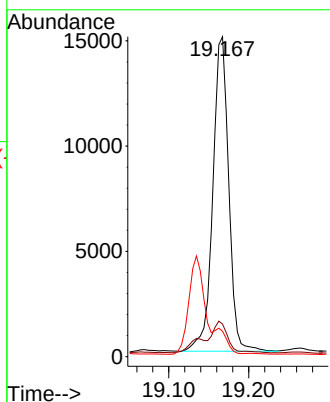
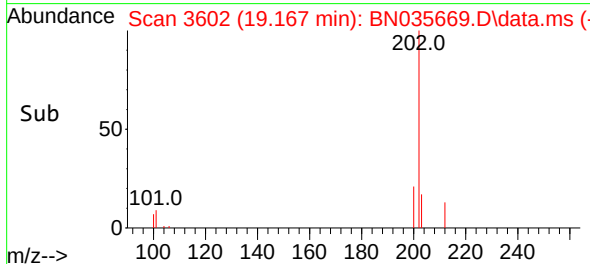
Instrument :
BNA_N
ClientSampleId :
E28T5



Tgt Ion:202 Resp: 2066
Ion Ratio Lower Upper
202 100
101 10.2 8.5 12.7
100 7.9 6.5 9.7

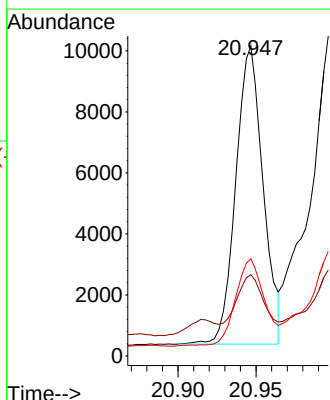
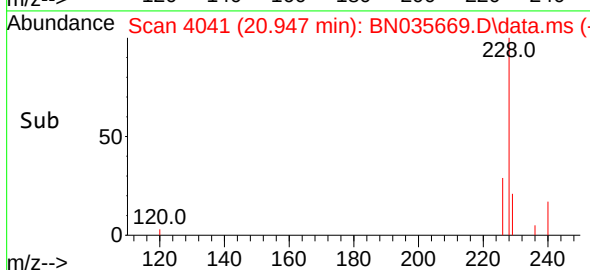
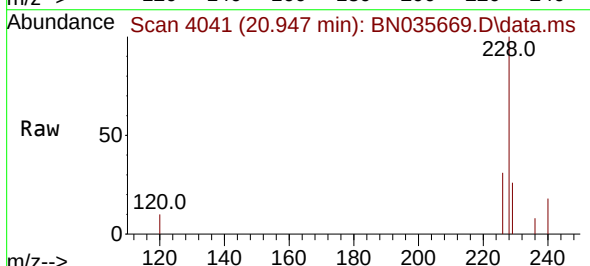
Manual Integrations
APPROVED

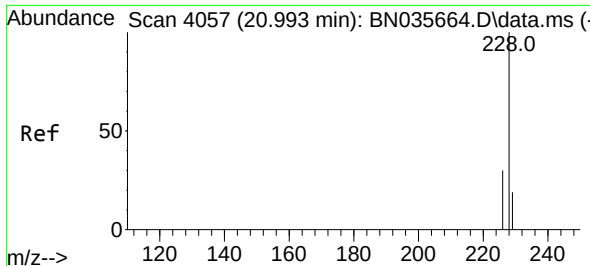
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#21
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035669.D
Acq: 18 Dec 2024 14:28

Tgt Ion:228 Resp: 11890
Ion Ratio Lower Upper
228 100
229 26.2 16.6 25.0#
226 31.4 22.5 33.7





#22

Chrysene

Concen: 0.387 ng/ul

RT: 20.999 min Scan# 4057

Delta R.T. 0.000 min

Lab File: BN035669.D

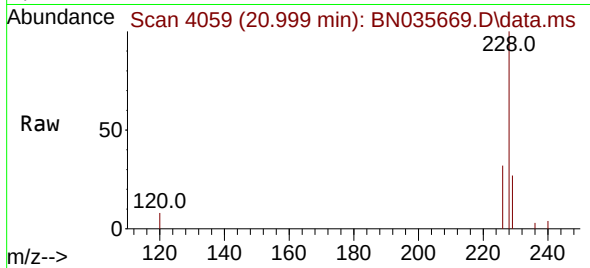
Acq: 18 Dec 2024 14:28

Instrument :

BNA_N

ClientSampleId :

E28T5



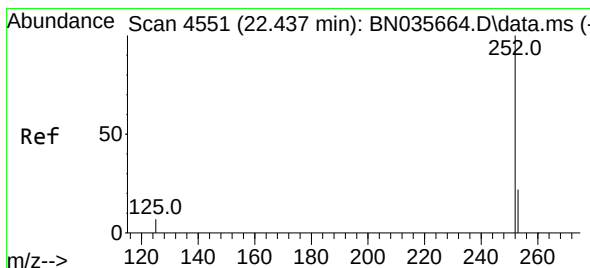
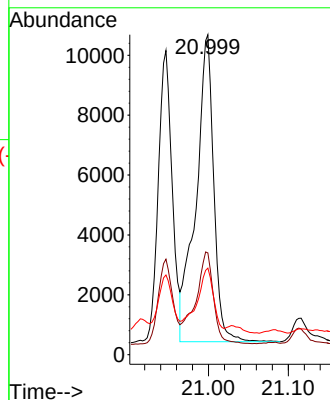
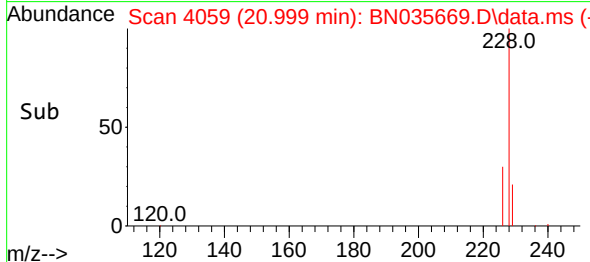
Tgt Ion:228	Resp:	1588
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.1 37.7
229	27.0	16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#24

Benzo(b)fluoranthene

Concen: 0.707 ng/ul m

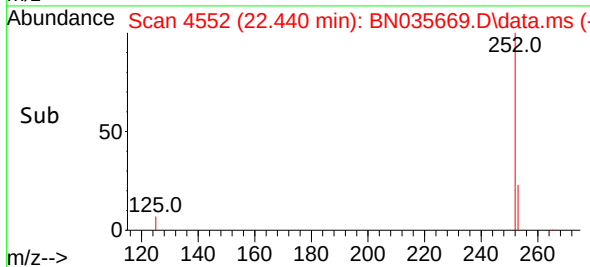
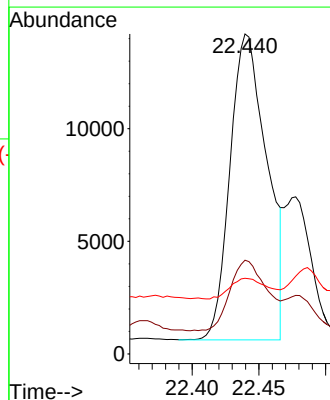
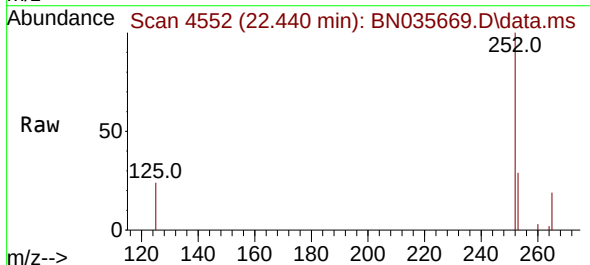
RT: 22.440 min Scan# 4552

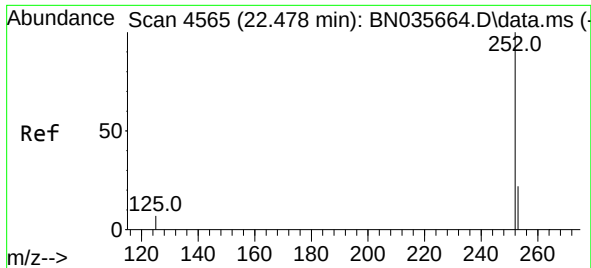
Delta R.T. -0.003 min

Lab File: BN035669.D

Acq: 18 Dec 2024 14:28

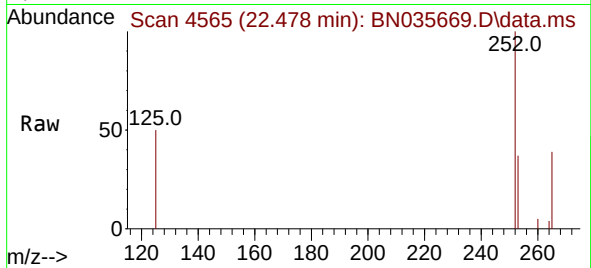
Tgt Ion:252	Resp:	26088
Ion Ratio	Lower	Upper
252	100	
253	29.3	0.0 56.4
125	23.6	0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.230 ng/ul m
RT: 22.478 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN035669.D
Acq: 18 Dec 2024 14:28

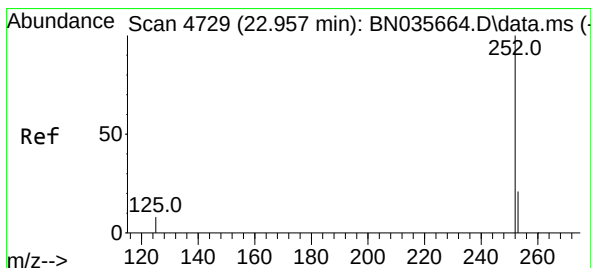
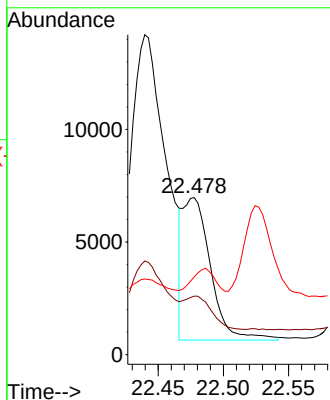
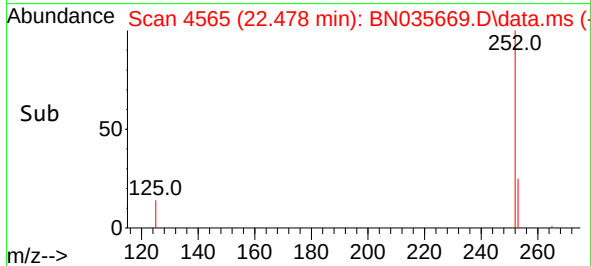
Instrument :
BNA_N
ClientSampleId :
E28T5



Tgt Ion:252 Resp: 9394
Ion Ratio Lower Upper
252 100
253 37.3 22.1 33.1
125 49.5 15.3 22.9

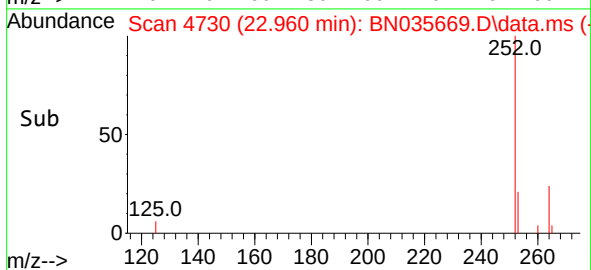
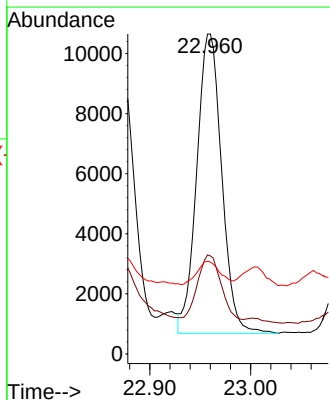
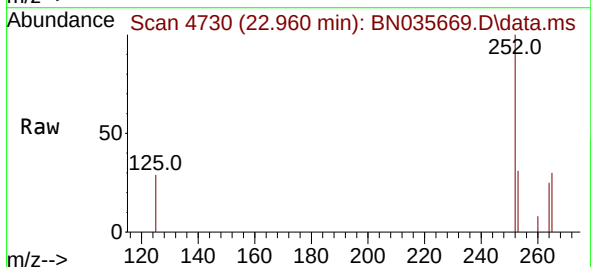
Manual Integrations
APPROVED

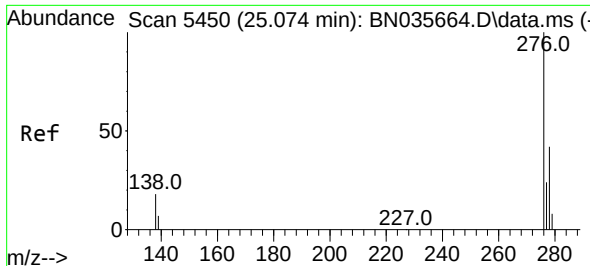
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.479 ng/ul
RT: 22.960 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BN035669.D
Acq: 18 Dec 2024 14:28

Tgt Ion:252 Resp: 17126
Ion Ratio Lower Upper
252 100
253 30.7 24.1 36.1
125 28.7 19.1 28.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul m

RT: 25.081 min Scan# 5450

Delta R.T. 0.000 min

Lab File: BN035669.D

Acq: 18 Dec 2024 14:28

Instrument :

BNA_N

ClientSampleId :

E28T5

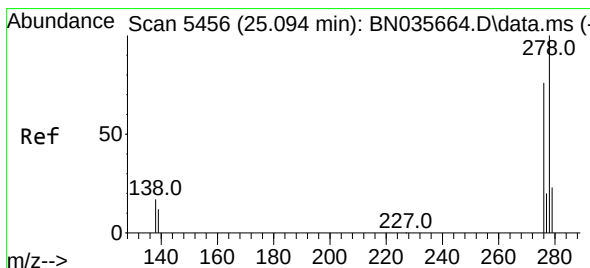
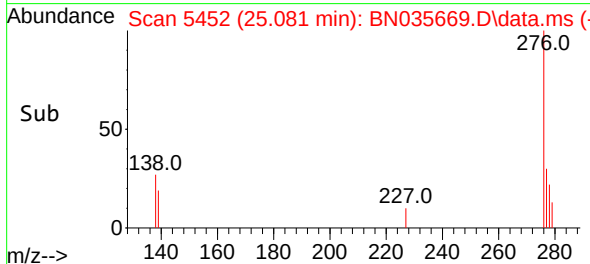
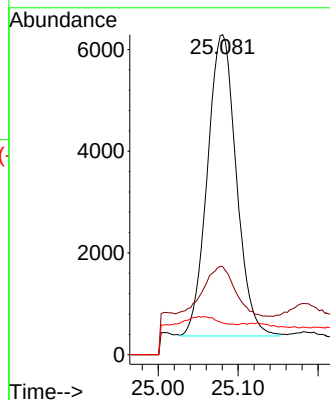
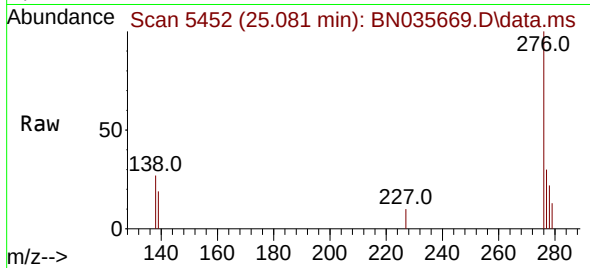
Tgt Ion:	276	Resp:	1491
Ion Ratio	Lower	Upper	
276	100		
138	19.1	14.7	22.1
227	0.0	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.104 ng/ul m

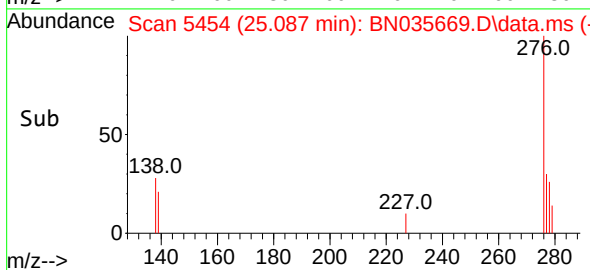
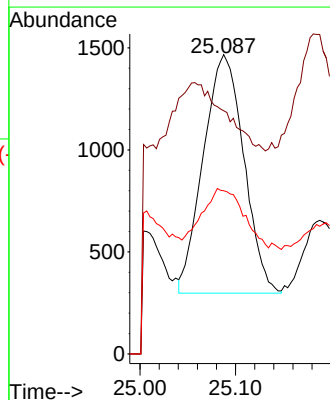
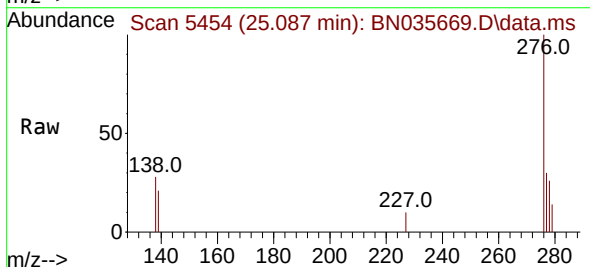
RT: 25.087 min Scan# 5454

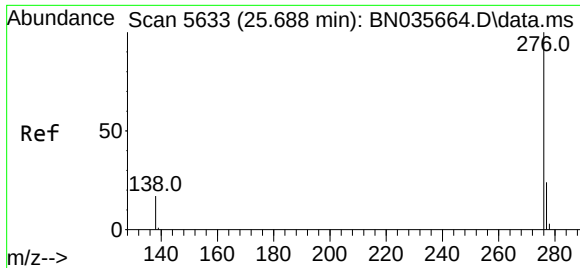
Delta R.T. -0.013 min

Lab File: BN035669.D

Acq: 18 Dec 2024 14:28

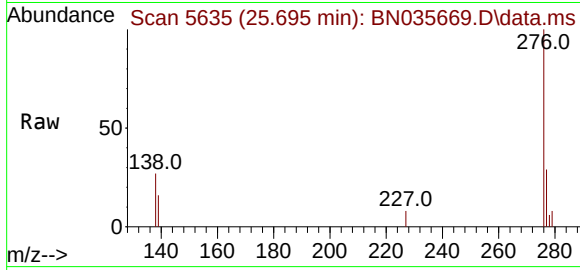
Tgt Ion:	278	Resp:	3446
Ion Ratio	Lower	Upper	
278	100		
139	81.3	19.8	29.8#
279	54.5	24.0	36.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.492 ng/ul
 RT: 25.695 min Scan# 50
 Delta R.T. -0.003 min
 Lab File: BN035669.D
 Acq: 18 Dec 2024 14:28

Instrument :
 BNA_N
 ClientSampleId :
 E28T5



Tgt Ion:	276	Resp:	1718
Ion Ratio	Lower	Upper	
276	100		
138	26.7	19.6	29.4
277	29.3	21.6	32.4

Manual Integrations
 APPROVED

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

