

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032687.D
 Acq On : 13 Jul 2024 00:02
 Operator : MA/JU
 Sample : P3035-14DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 00:32:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5582	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16121	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	7887	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	14311	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	12671	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	14351m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4493	0.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1035	0.042	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	1903	0.046	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	1991	0.046	ng/ul#	86
7) 2-Methylnaphthalene	12.015	142	545	0.020	ng/ul	100
10) Acenaphthylene	13.925	152	2732	0.086	ng/ul#	92
11) Acenaphthene	14.267	153	1714	0.065	ng/ul	98
12) Fluorene	15.262	166	1794	0.060	ng/ul#	96
15) Phenanthrene	17.003	178	35651	0.915	ng/ul	99
16) Anthracene	17.096	178	7701	0.242	ng/ul	96
19) Fluoranthene	19.031	202	72968	1.416	ng/ul	97
20) Pyrene	19.394	202	55764	1.046	ng/ul	99
21) Benzo(a)anthracene	21.153	228	37270	0.924	ng/ul	97
22) Chrysene	21.206	228	35357	0.606	ng/ul	97
24) Benzo(b)fluoranthene	22.708	252	52106m	1.029	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	20287m	0.329	ng/ul	
26) Benzo(a)pyrene	23.266	252	20722	0.473	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.572	276	20214	0.341	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.572	278	6272	0.136	ng/ul#	63
29) Benzo(g,h,i)perylene	26.260	276	2963	0.060	ng/ul#	55

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

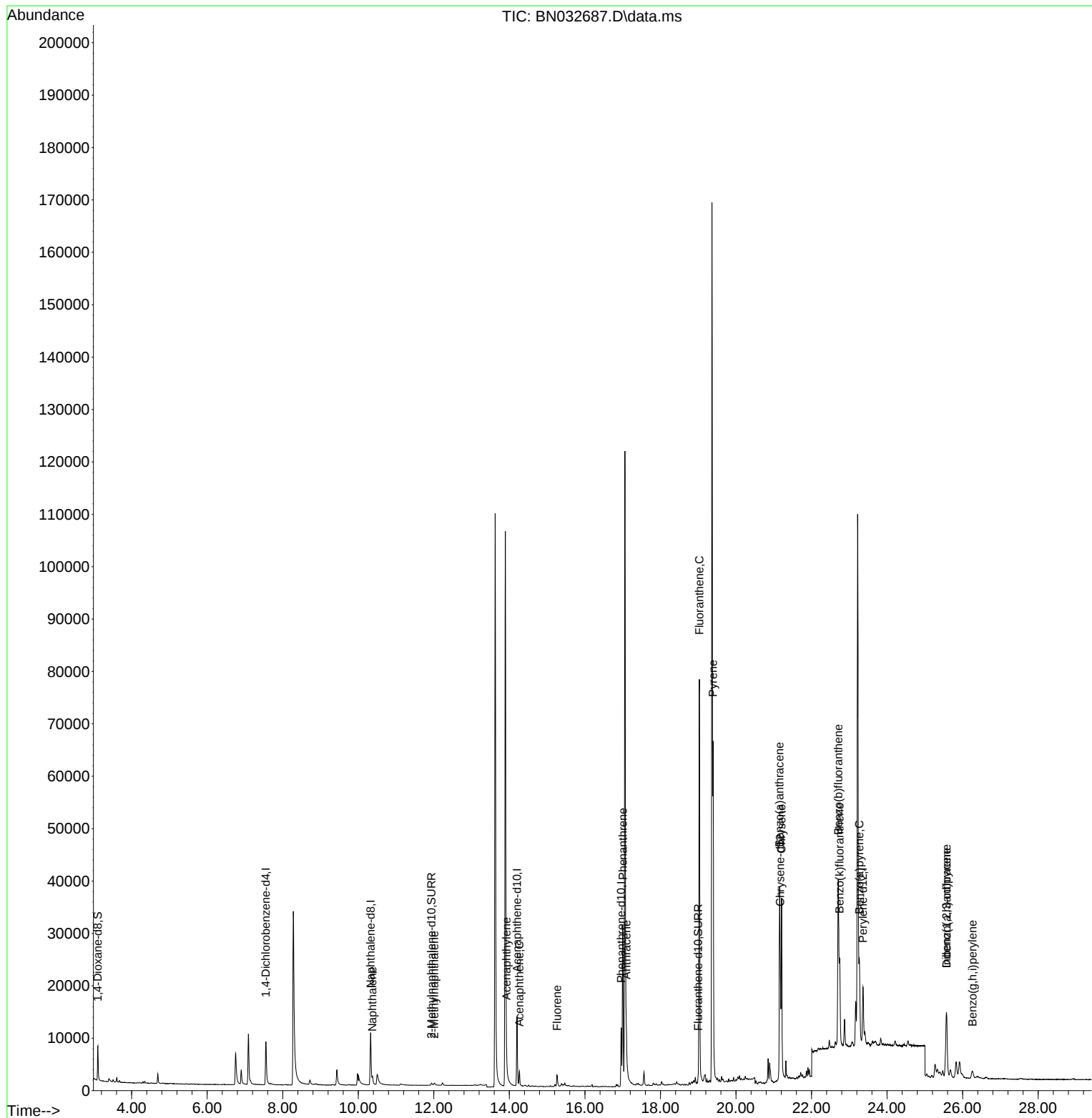
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032687.D
Acq On : 13 Jul 2024 00:02
Operator : MA/JU
Sample : P3035-14DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

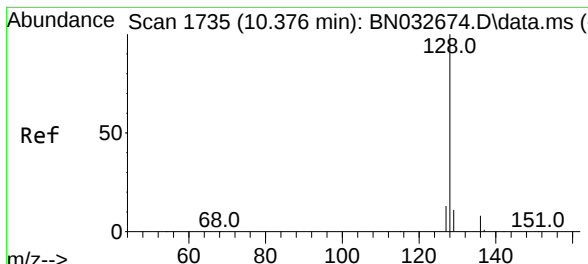
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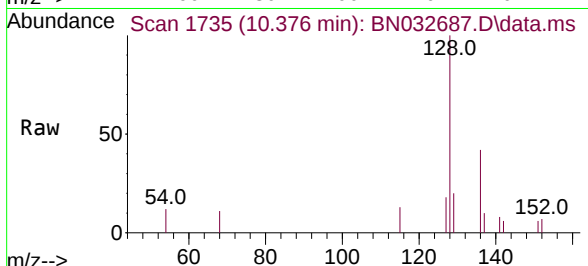
Quant Time: Jul 13 00:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

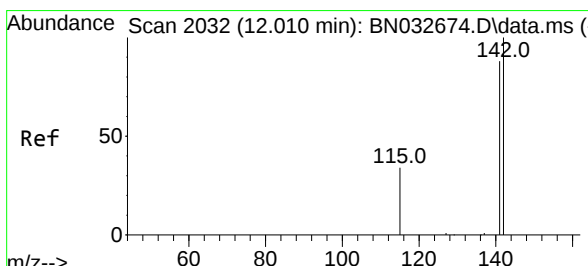
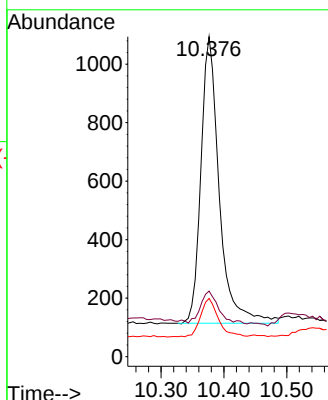
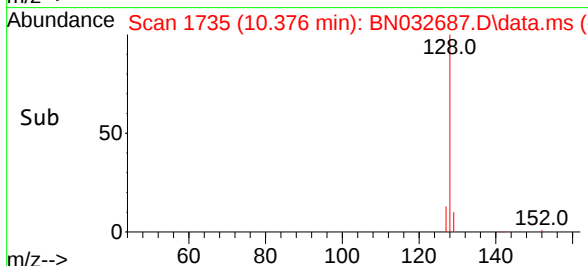
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



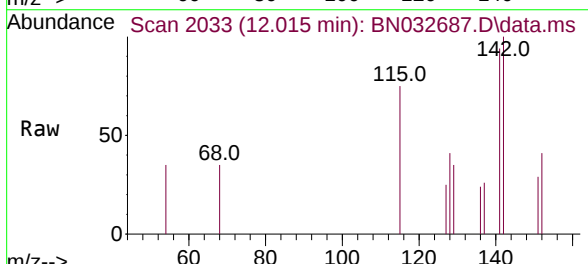
Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
129 20.5 10.0 15.0
127 18.2 11.6 17.4

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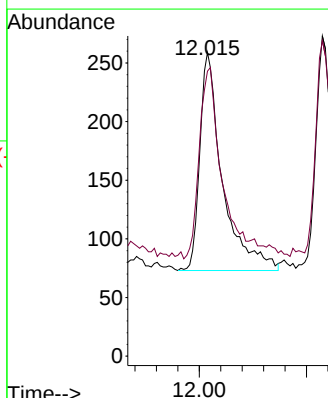
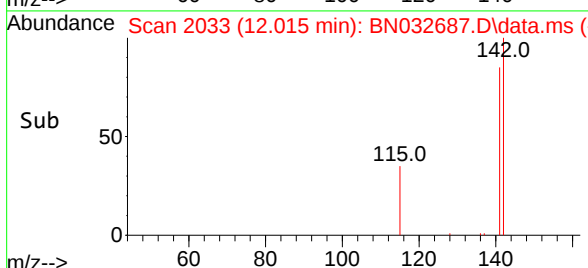
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

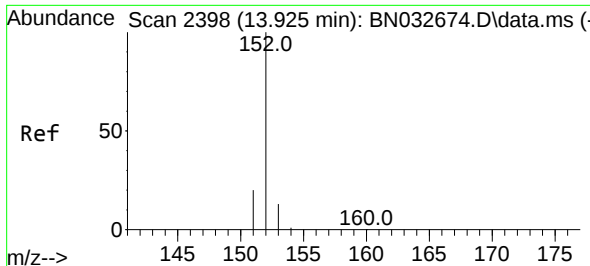


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.015 min Scan# 2033
Delta R.T. -0.033 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02



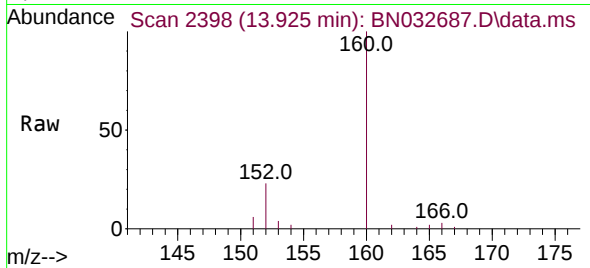
Tgt Ion:142 Resp: 545
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0





#10
Acenaphthylene
Concen: 0.086 ng/u1
RT: 13.925 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

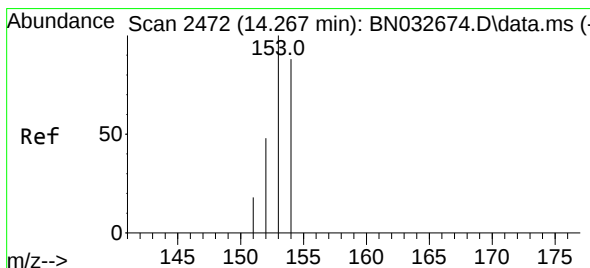
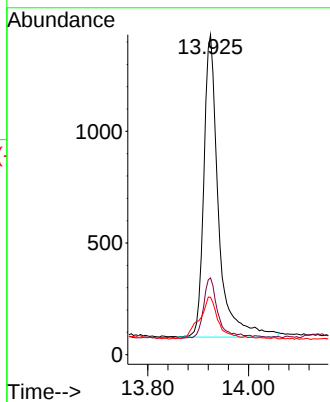
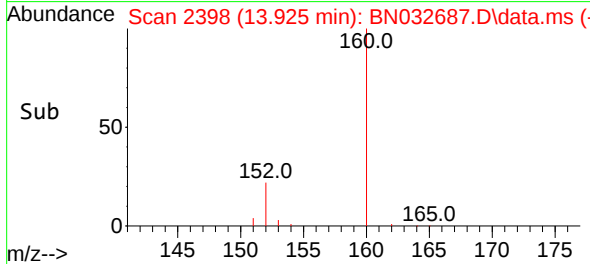
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



Tgt Ion:152 Resp: 273
Ion Ratio Lower Upper
152 100
151 24.0 16.3 24.5
153 17.9 11.3 16.9

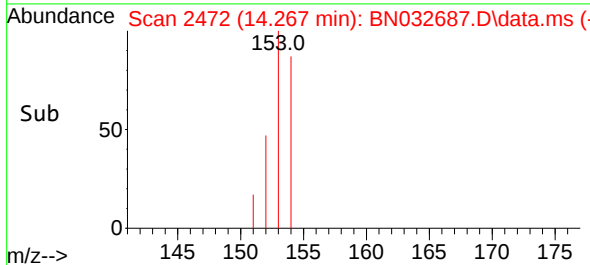
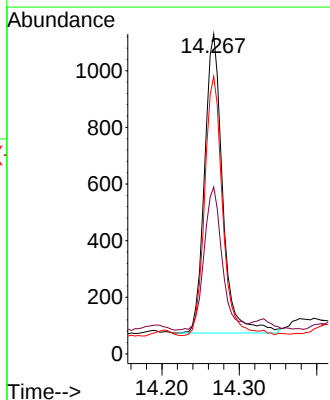
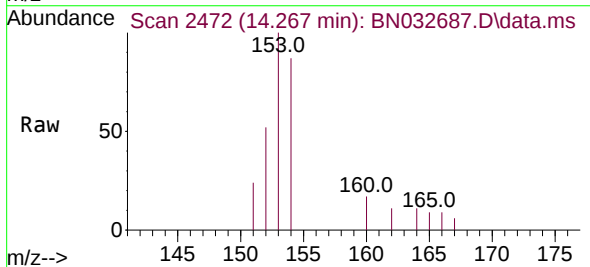
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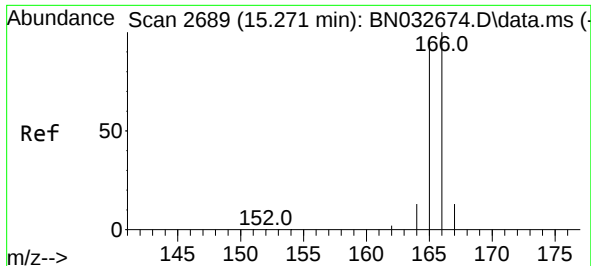
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.065 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

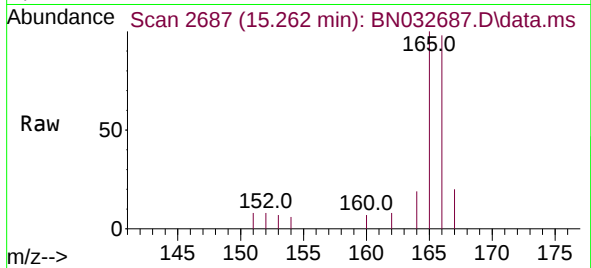
Tgt Ion:153 Resp: 1714
Ion Ratio Lower Upper
153 100
152 52.2 40.0 60.0
154 86.8 70.2 105.4





#12
Fluorene
Concen: 0.060 ng/u1
RT: 15.262 min Scan# 20
Delta R.T. -0.028 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

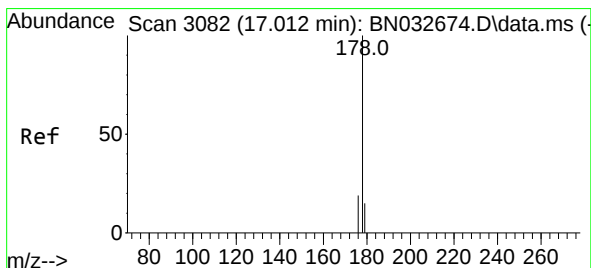
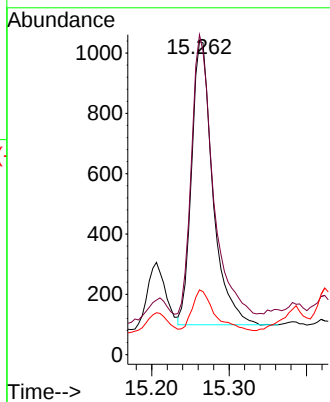
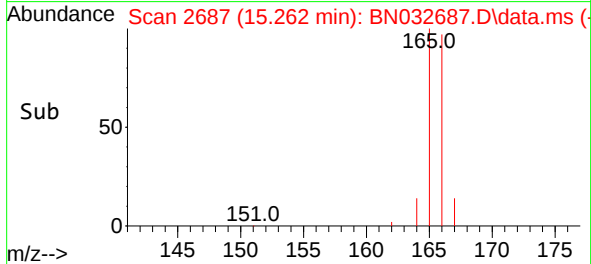
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



Tgt Ion:166 Resp: 1794
Ion Ratio Lower Upper
166 100
165 102.2 79.7 119.5
167 20.7 11.4 17.2

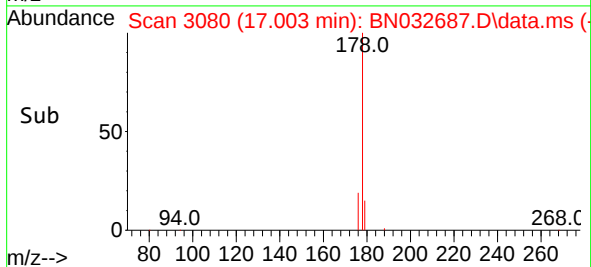
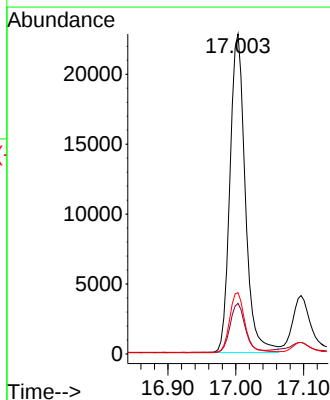
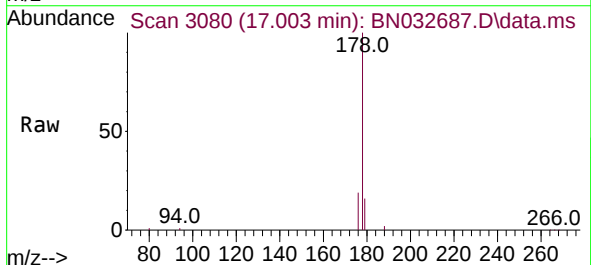
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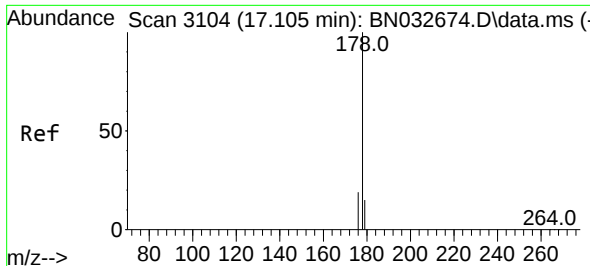
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.915 ng/u1
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

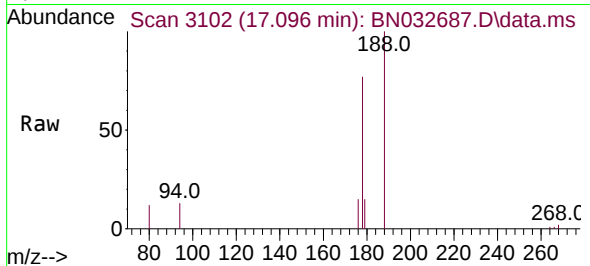
Tgt Ion:178 Resp: 35651
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.2 15.6 23.4





#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.096 min Scan# 3104
Delta R.T. -0.042 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

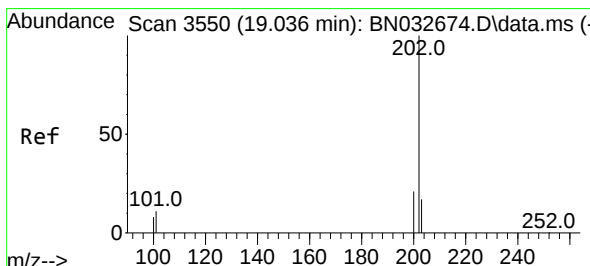
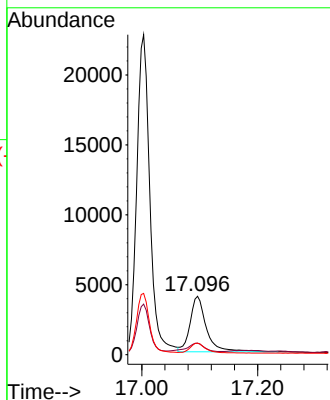
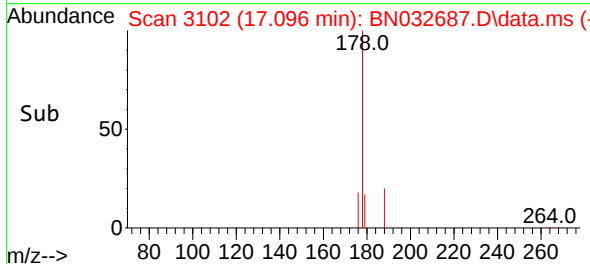
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



Tgt Ion:178 Resp: 770
Ion Ratio Lower Upper
178 100
179 19.6 13.4 20.2
176 19.8 15.4 23.0

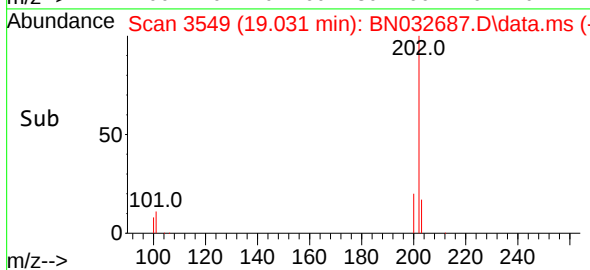
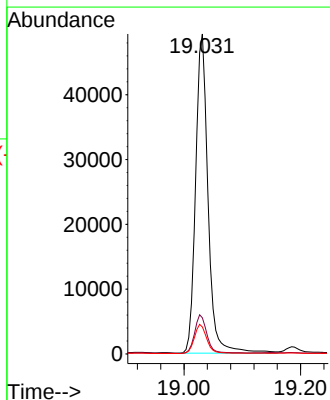
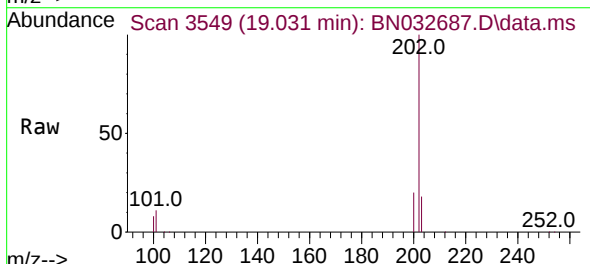
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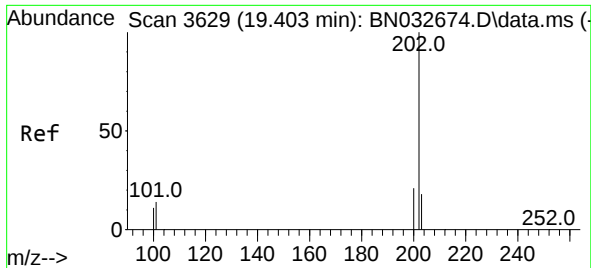
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#19
Fluoranthene
Concen: 1.416 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

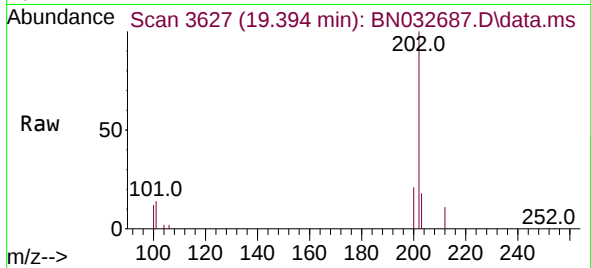
Tgt Ion:202 Resp: 72968
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.5 7.9 11.9





#20
Pyrene
Concen: 1.046 ng/u1
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

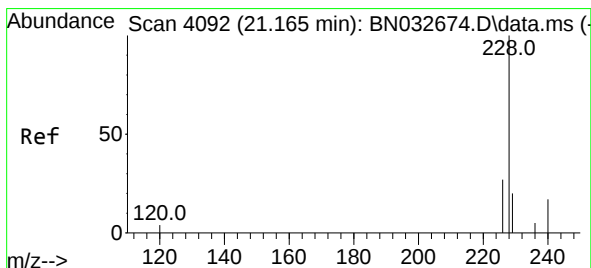
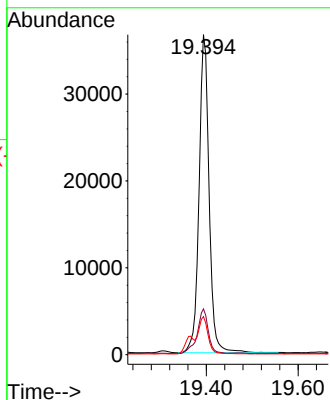
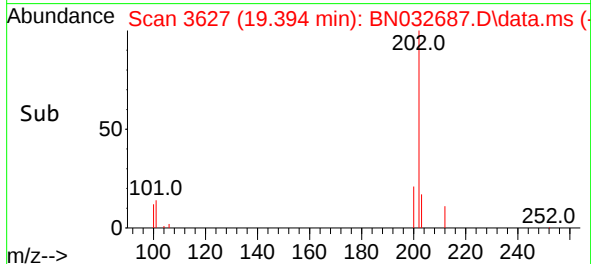
Instrument :
BNA_N
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A4CW9DL



Tgt Ion:202 Resp: 55764
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.9 9.6 14.4

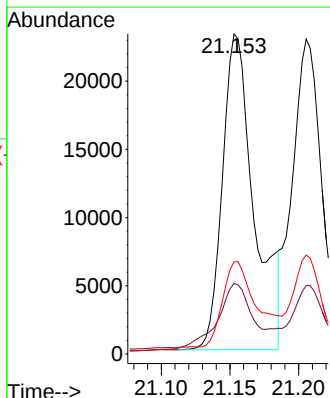
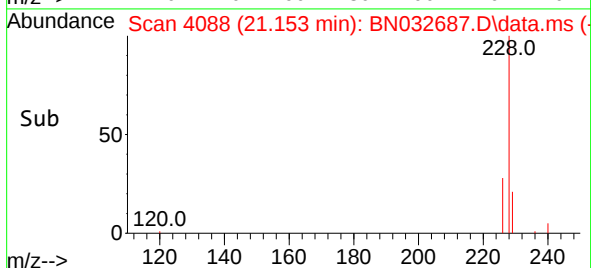
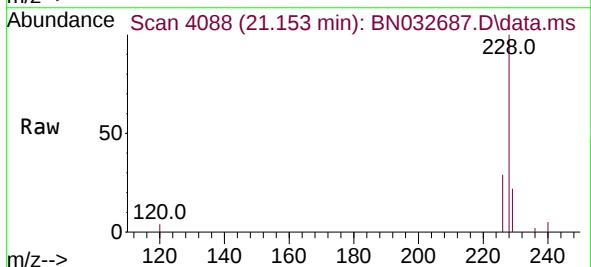
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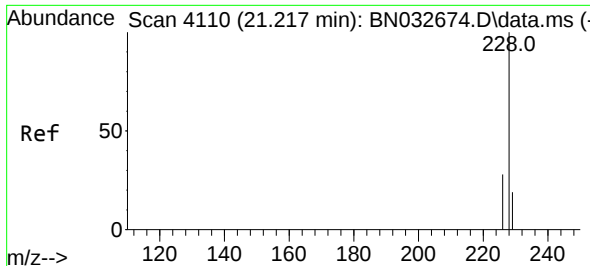
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 0.924 ng/u1
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

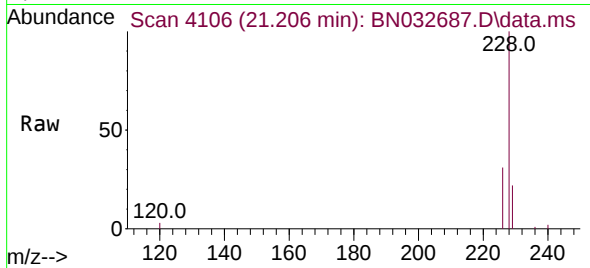
Tgt Ion:228 Resp: 37270
Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 28.8 21.9 32.9





#22
Chrysene
Concen: 0.606 ng/ul
RT: 21.206 min Scan# 4110
Delta R.T. -0.026 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

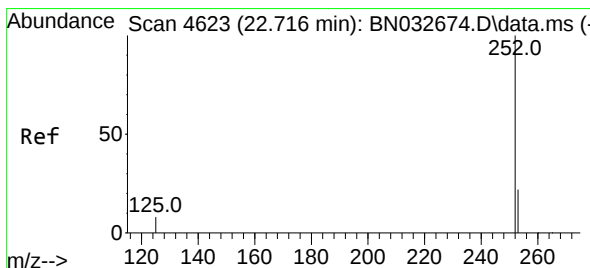
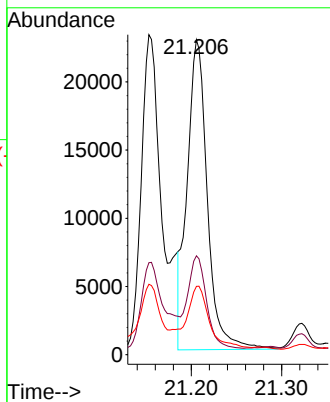
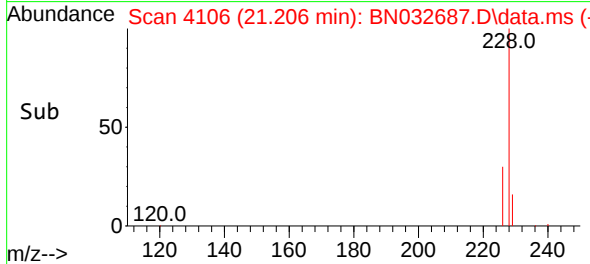
Instrument :
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Tgt Ion:228 Resp: 3535
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 21.7 15.8 23.6

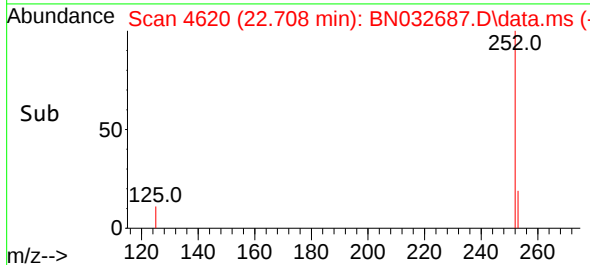
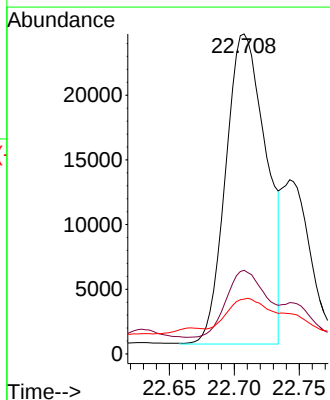
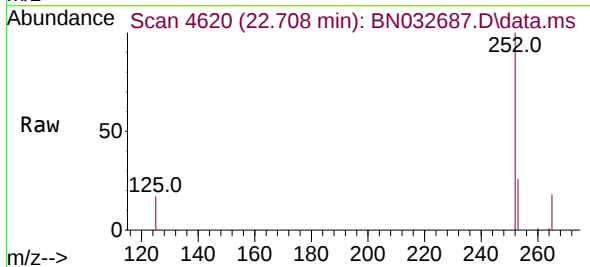
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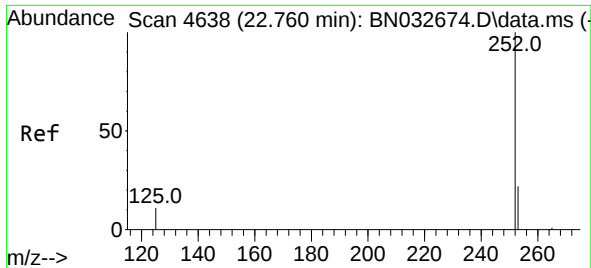
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 1.029 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

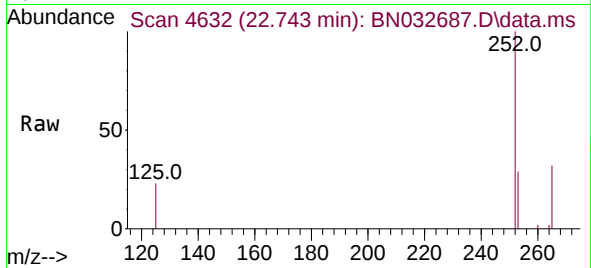
Tgt Ion:252 Resp: 52106
Ion Ratio Lower Upper
252 100
253 26.2 0.0 54.0
125 17.2 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

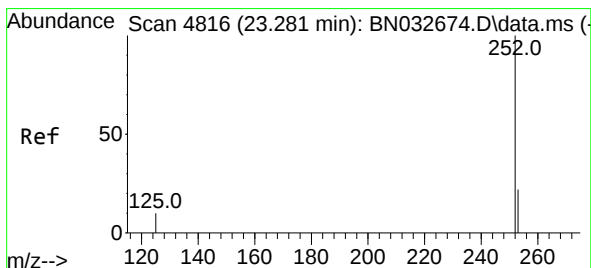
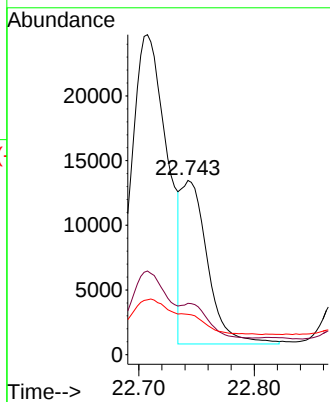
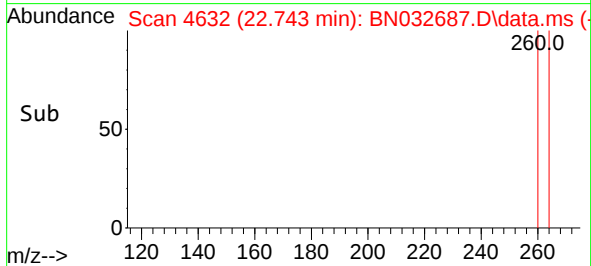
Instrument :
BNA_N
ClientSampleId :
A4CW9DL



Tgt Ion:252 Resp: 20285
Ion Ratio Lower Upper
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253 29.5 21.2 31.8
125 23.1 14.8 22.2

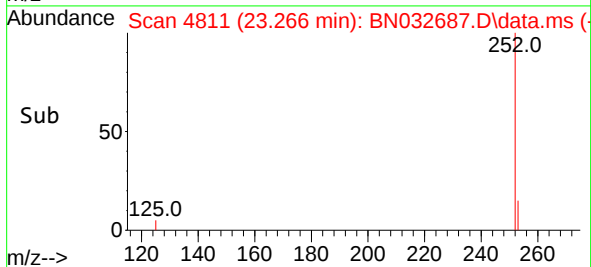
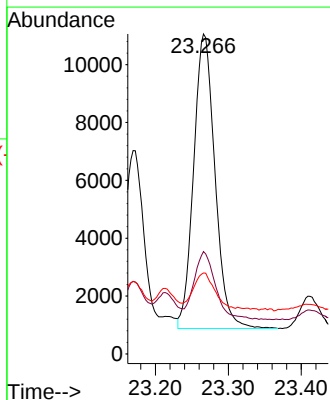
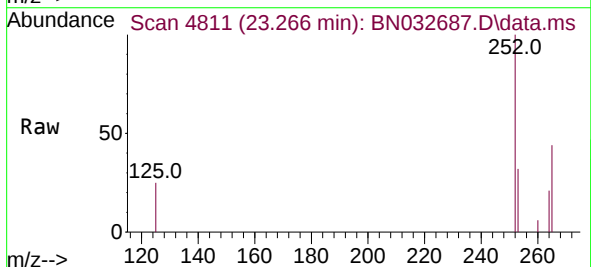
Manual Integrations
APPROVED

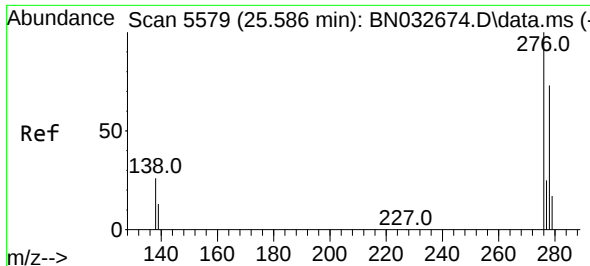
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 0.473 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032687.D
Acq: 13 Jul 2024 00:02

Tgt Ion:252 Resp: 20722
Ion Ratio Lower Upper
252 100
253 32.0 25.4 38.0
125 25.3 20.6 30.8





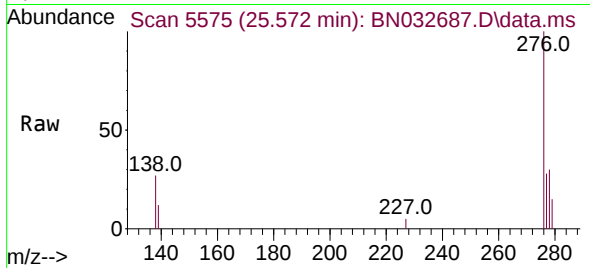
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.341 ng/ul
 RT: 25.572 min Scan# 5575
 Delta R.T. -0.054 min
 Lab File: BN032687.D
 Acq: 13 Jul 2024 00:02

Instrument :

BNA_N

ClientSampleId :

A4CW9DL



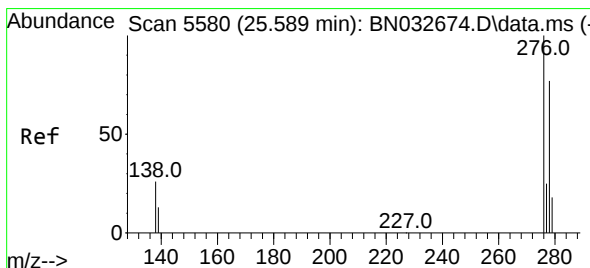
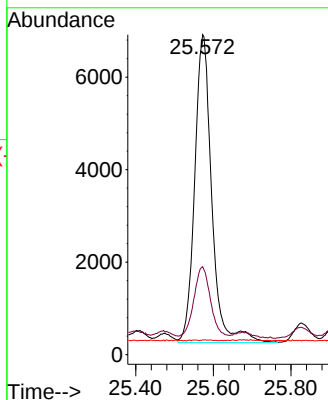
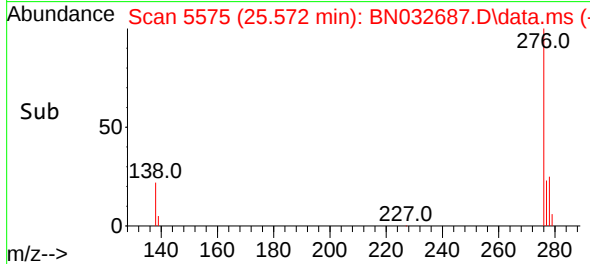
Tgt Ion:276 Resp: 20214
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.6 32.4
 227 0.2 0.0 0.0

Manual Integrations

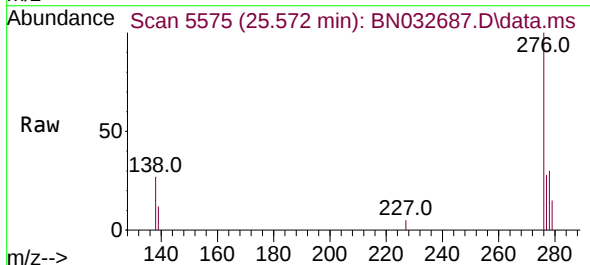
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

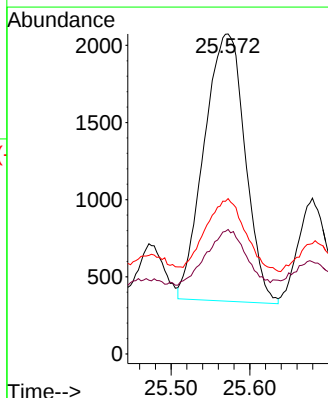
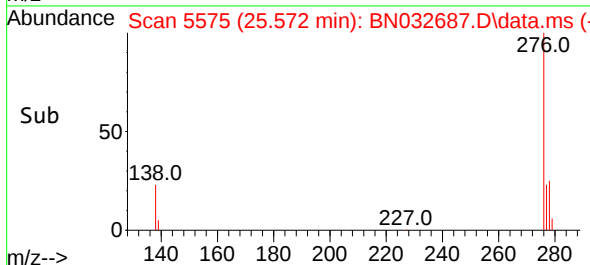
Supervised By :mohammad ahmed 07/16/2024

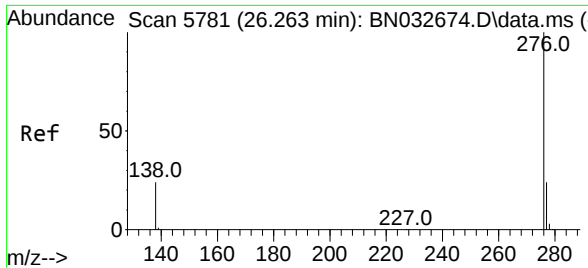


#28
 Dibenzo(a,h)anthracene
 Concen: 0.136 ng/ul
 RT: 25.572 min Scan# 5575
 Delta R.T. -0.067 min
 Lab File: BN032687.D
 Acq: 13 Jul 2024 00:02



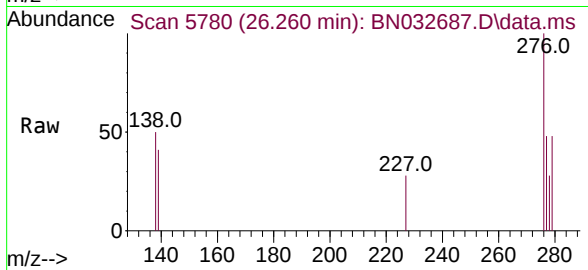
Tgt Ion:278 Resp: 6272
 Ion Ratio Lower Upper
 278 100
 139 38.9 16.6 24.8#
 279 48.6 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.060 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BN032687.D
 Acq: 13 Jul 2024 00:02

Instrument :
 BNA_N
 ClientSampleId :
 A4CW9DL



Tgt Ion: 276 Resp: 296

Ion	Ratio	Lower	Upper
276	100		
138	50.1	21.0	31.4
277	48.3	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

