

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032535.D
 Acq On : 06 Jul 2024 08:11
 Operator : MA/JU
 Sample : P3065-10DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:43:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	6308	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.371	136	18205	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	9980	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.999	188	19441	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	18216	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	20428m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4964	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1014	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2173	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.962	152	1011	0.024	ng/ul#	74
15) Phenanthrene	17.037	178	8679	0.163	ng/ul	98
16) Anthracene	17.130	178	1967	0.041	ng/ul#	77
19) Fluoranthene	19.064	202	20009	0.288	ng/ul	95
20) Pyrene	19.431	202	18514	0.255	ng/ul	98
21) Benzo(a)anthracene	21.194	228	8421m	0.128	ng/ul	
22) Chrysene	21.246	228	10983m	0.152	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	15923m	0.179	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	5863m	0.068	ng/ul	
26) Benzo(a)pyrene	23.324	252	9747	0.158	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.666	276	8061	0.083	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.660	278	1747	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.347	276	7978	0.104	ng/ul#	87

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

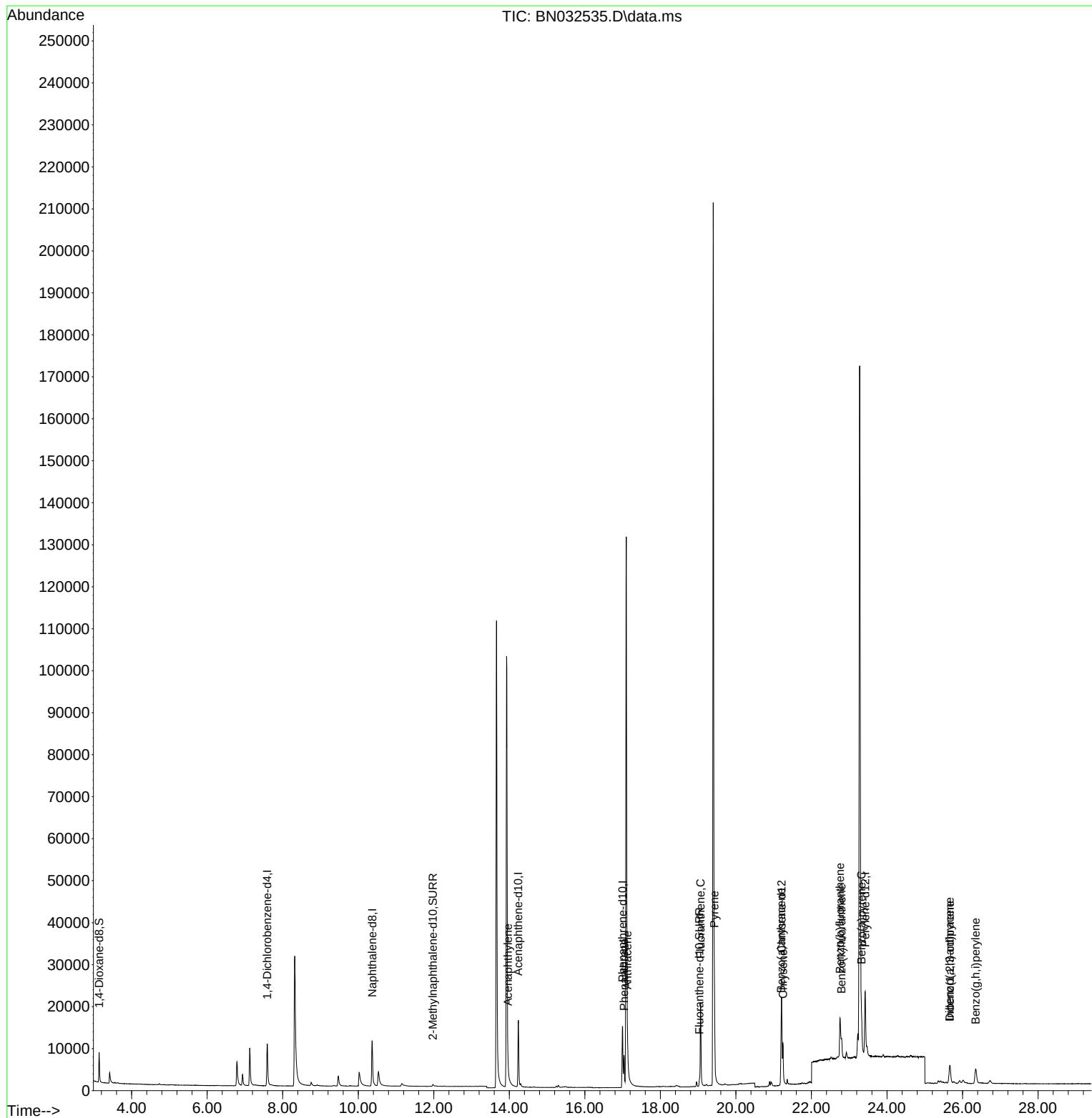
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032535.D
Acq On : 06 Jul 2024 08:11
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Sample : P3065-10DL 5X
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ALS Vial : 36 Sample Multiplier: 1

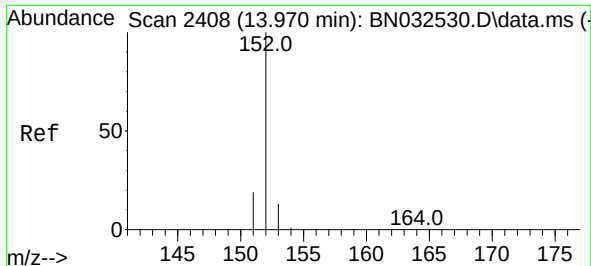
Instrument :
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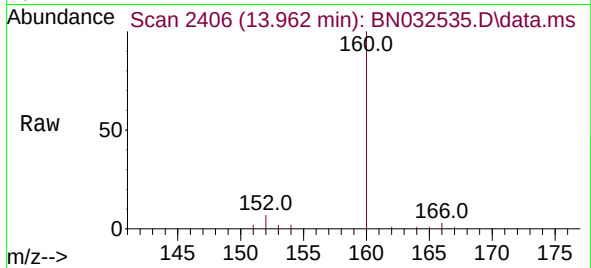
Quant Time: Jul 07 23:43:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032535.D
Acq: 06 Jul 2024 08:11

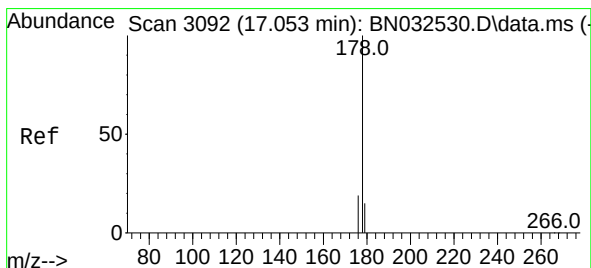
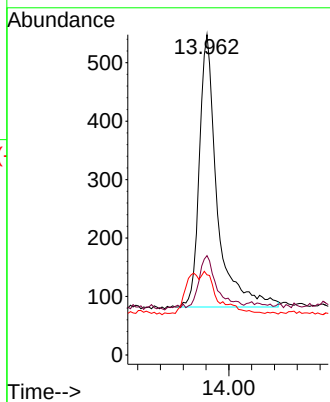
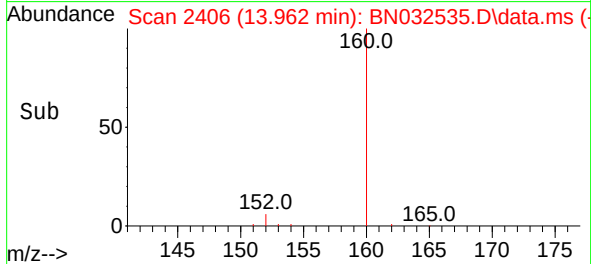
Instrument :
BNA_N
ClientSampleId :
A4CE4DL



Tgt Ion:152 Resp: 101
Ion Ratio Lower Upper
152 100
151 31.0 15.7 23.5
153 25.0 10.9 16.3

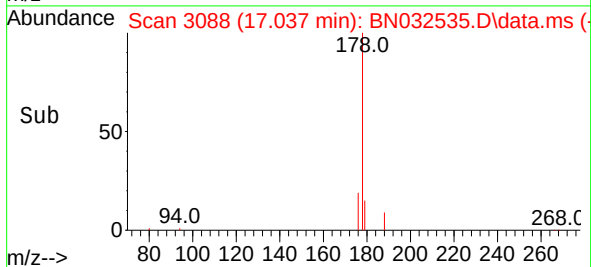
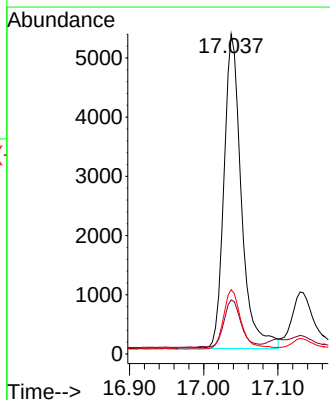
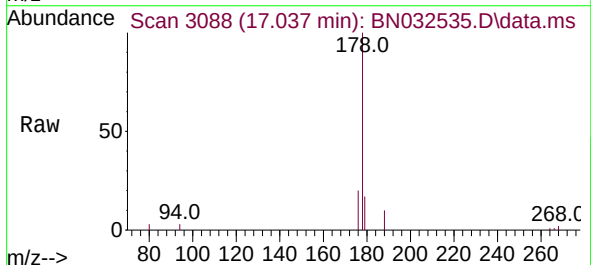
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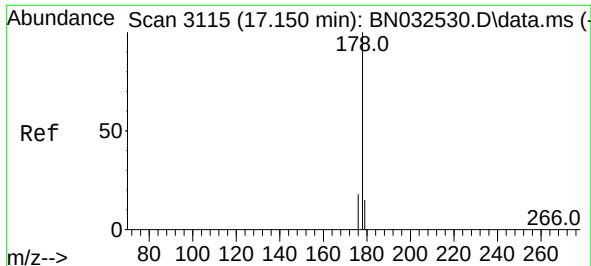
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.163 ng/ul
RT: 17.037 min Scan# 3088
Delta R.T. -0.013 min
Lab File: BN032535.D
Acq: 06 Jul 2024 08:11

Tgt Ion:178 Resp: 8679
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 20.1 15.6 23.4





#16

Anthracene

Concen: 0.041 ng/ul

RT: 17.130 min Scan# 3110

Delta R.T. -0.013 min

Lab File: BN032535.D

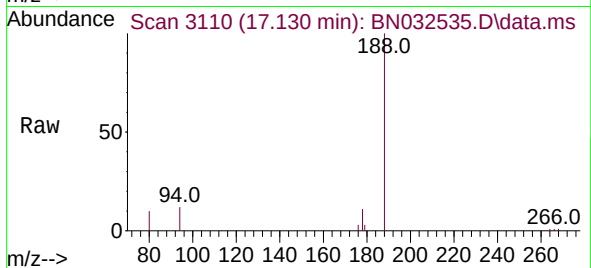
Acq: 06 Jul 2024 08:11

Instrument :

BNA_N

ClientSampleId :

A4CE4DL



Tgt Ion:178 Resp: 196

Ion Ratio Lower Upper

178 100

179 30.1 12.5 18.7

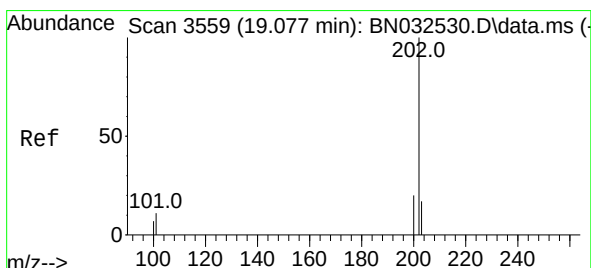
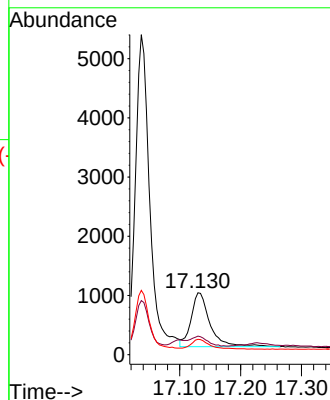
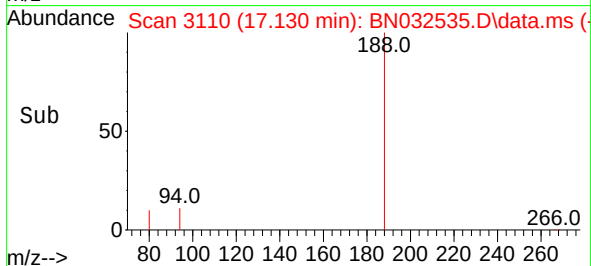
176 25.0 15.0 22.6

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#19

Fluoranthene

Concen: 0.288 ng/ul

RT: 19.064 min Scan# 3556

Delta R.T. -0.009 min

Lab File: BN032535.D

Acq: 06 Jul 2024 08:11

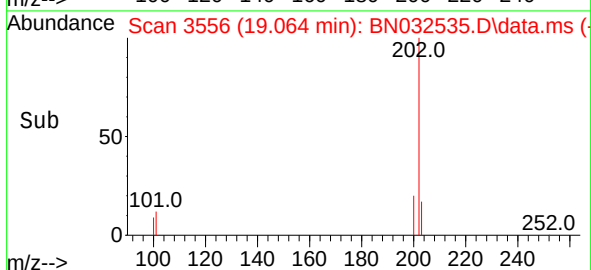
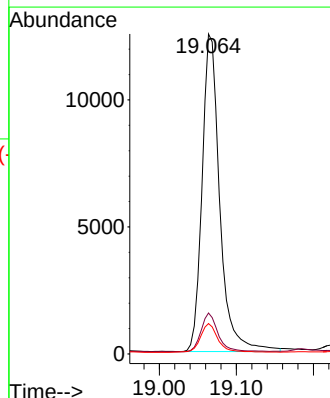
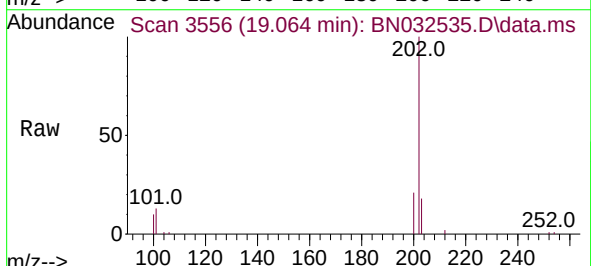
Tgt Ion:202 Resp: 20009

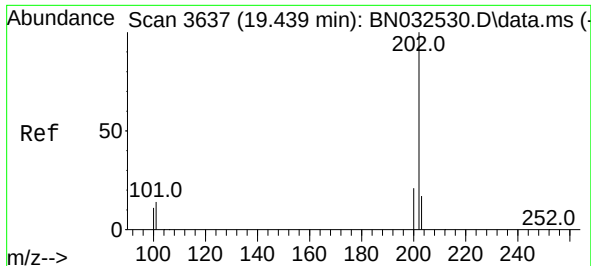
Ion Ratio Lower Upper

202 100

101 12.8 8.8 13.2

100 9.5 6.4 9.6





#20

Pyrene

Concen: 0.255 ng/ul

RT: 19.431 min Scan# 3637

Delta R.T. -0.009 min

Lab File: BN032535.D

Acq: 06 Jul 2024 08:11

Instrument :

BNA_N

ClientSampleId :

A4CE4DL

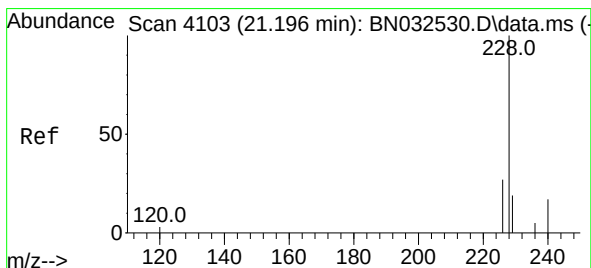
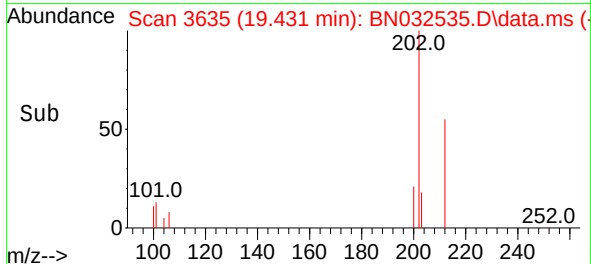
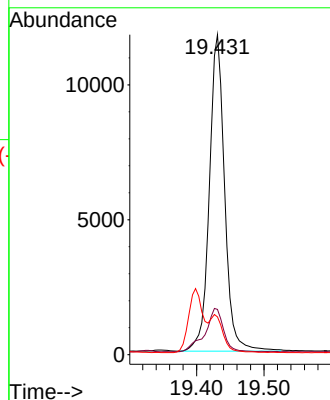
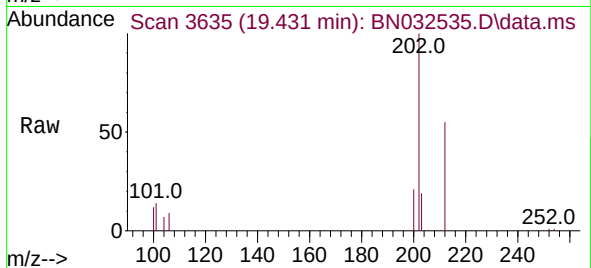
Tgt Ion:	202	Resp:	18514
Ion Ratio	Lower	Upper	
202	100		
101	14.2	11.0	16.4
100	11.8	8.7	13.1

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#21

Benzo(a)anthracene

Concen: 0.128 ng/ul m

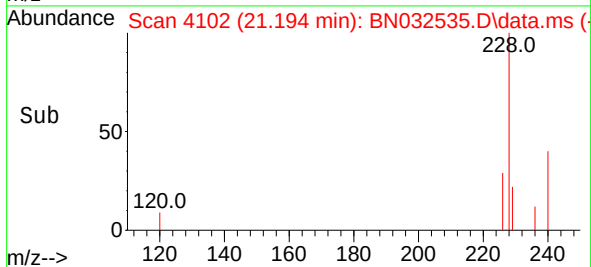
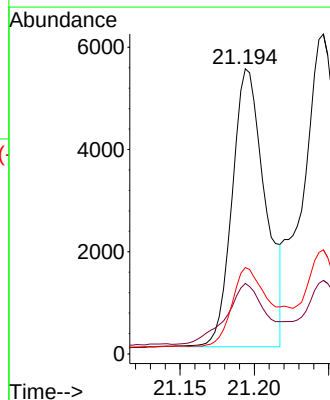
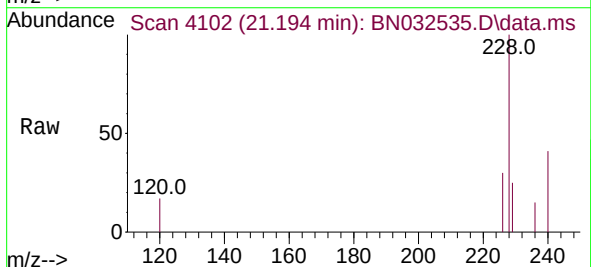
RT: 21.194 min Scan# 4102

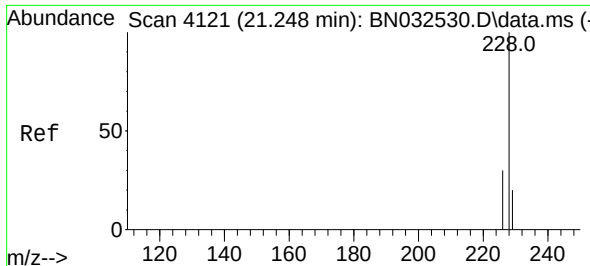
Delta R.T. 0.003 min

Lab File: BN032535.D

Acq: 06 Jul 2024 08:11

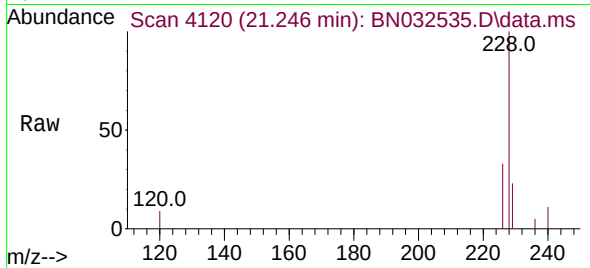
Tgt Ion:	228	Resp:	8421
Ion Ratio	Lower	Upper	
228	100		
229	24.7	15.7	23.5#
226	30.3	21.8	32.8





#22
Chrysene
Concen: 0.152 ng/ul m
RT: 21.246 min Scan# 4121
Delta R.T. 0.003 min
Lab File: BN032535.D
Acq: 06 Jul 2024 08:11

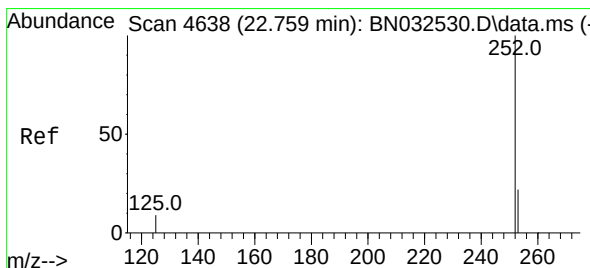
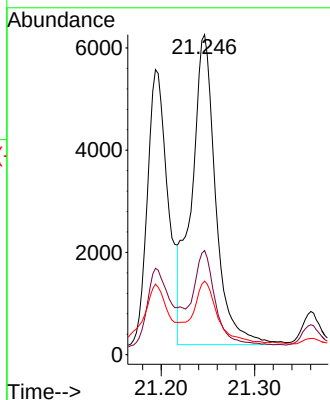
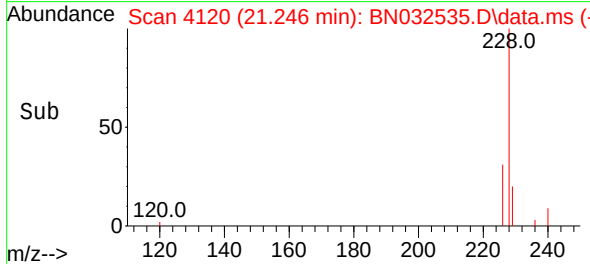
Instrument :
BNA_N
ClientSampleId :
A4CE4DL



Tgt Ion:228 Resp: 10983
Ion Ratio Lower Upper
228 100
226 32.6 23.6 35.4
229 23.0 15.7 23.5

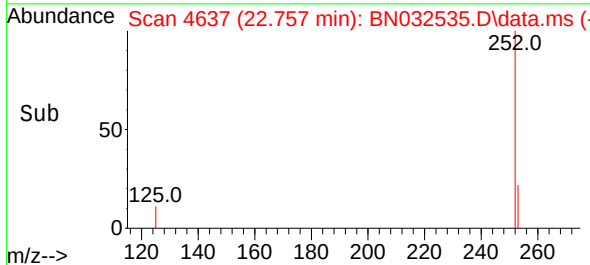
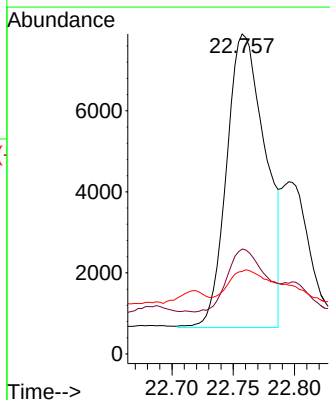
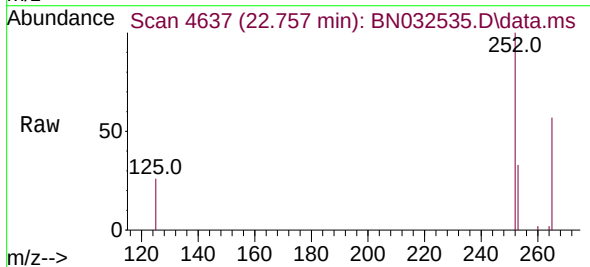
Manual Integrations
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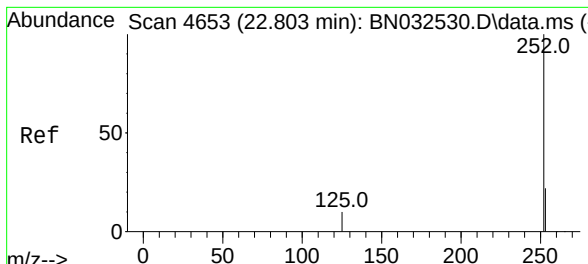
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#24
Benzo(b)fluoranthene
Concen: 0.179 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032535.D
Acq: 06 Jul 2024 08:11

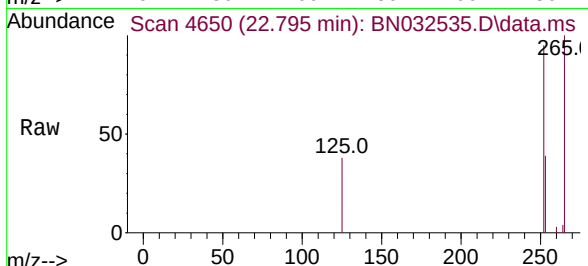
Tgt Ion:252 Resp: 15923
Ion Ratio Lower Upper
252 100
253 32.8 0.0 50.2
125 25.8 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.795 min Scan# 4653
Delta R.T. -0.006 min
Lab File: BN032535.D
Acq: 06 Jul 2024 08:11

Instrument :
BNA_N
ClientSampleId :
A4CE4DL

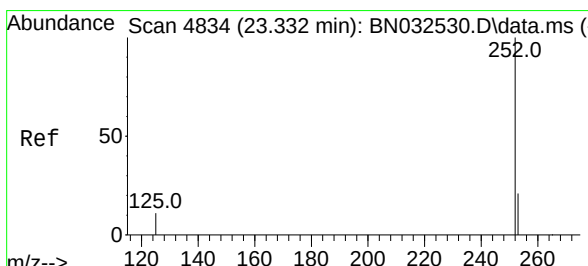
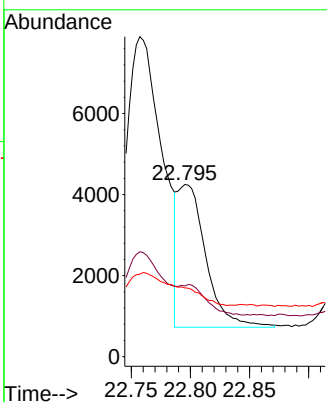
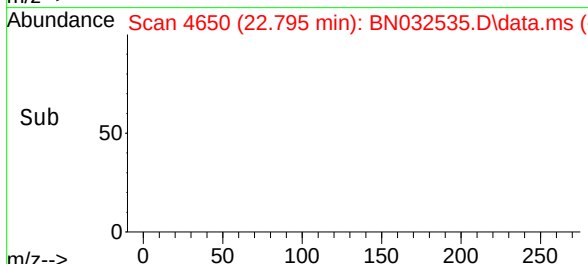


Tgt Ion:252 Resp: 5863

Ion	Ratio	Lower	Upper
252	100		
253	41.1	20.3	30.5
125	39.9	12.8	19.2

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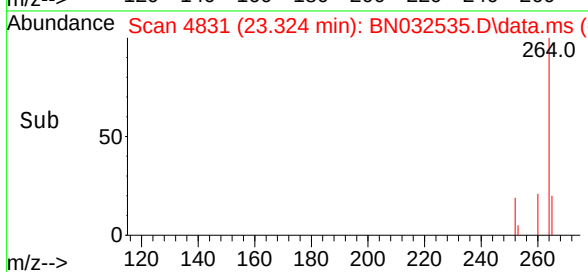
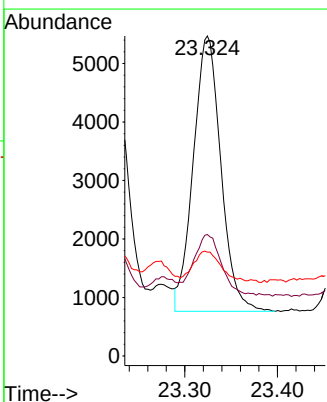
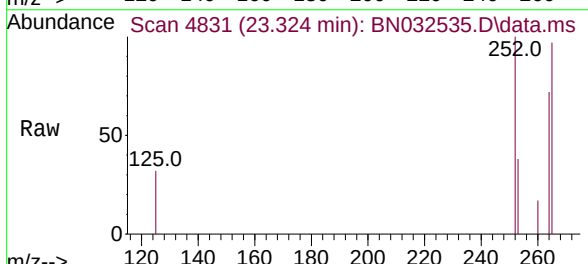
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

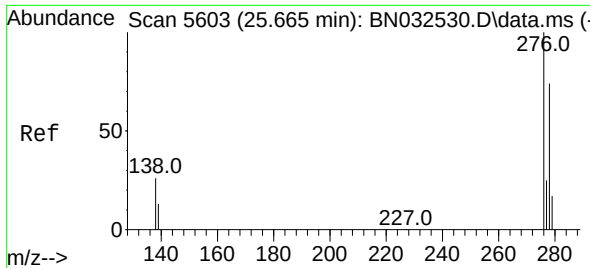


#26
Benzo(a)pyrene
Concen: 0.158 ng/ul
RT: 23.324 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032535.D
Acq: 06 Jul 2024 08:11

Tgt Ion:252 Resp: 9747

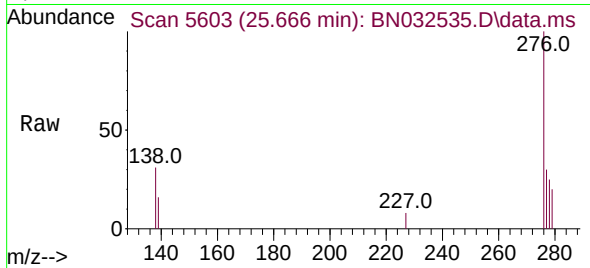
Ion	Ratio	Lower	Upper
252	100		
253	38.0	22.2	33.2
125	32.5	16.4	24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng/ul
 RT: 25.666 min Scan# 5603
 Delta R.T. 0.007 min
 Lab File: BN032535.D
 Acq: 06 Jul 2024 08:11

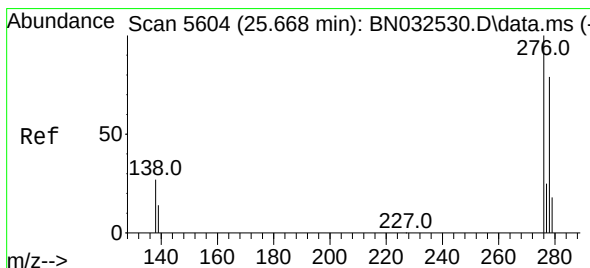
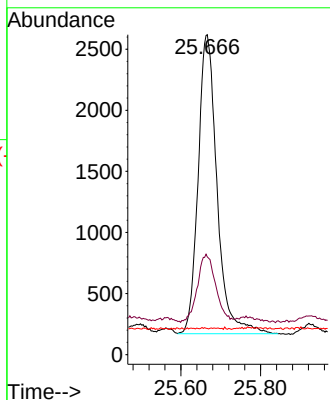
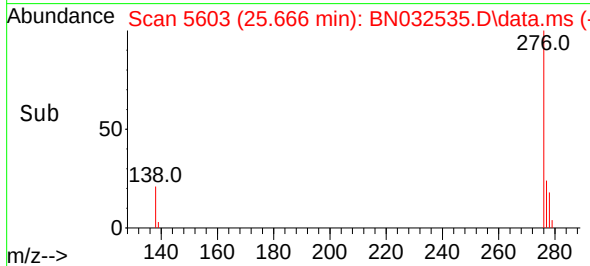
Instrument :
 BNA_N
 ClientSampleId :
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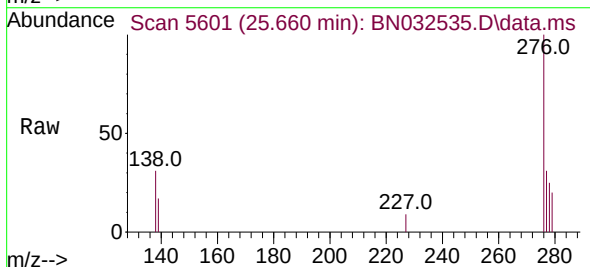
Tgt Ion:276 Resp: 806
 Ion Ratio Lower Upper
 276 100
 138 22.5 21.3 31.9
 227 0.2 0.1 0.1

Manual Integrations
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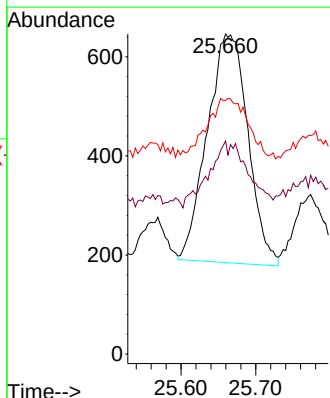
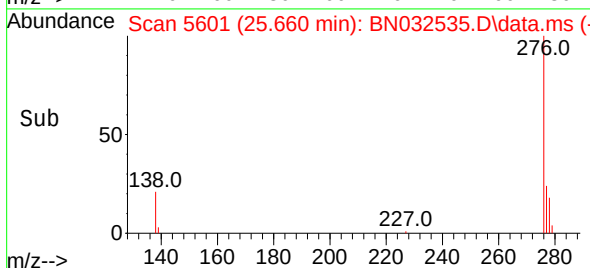
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

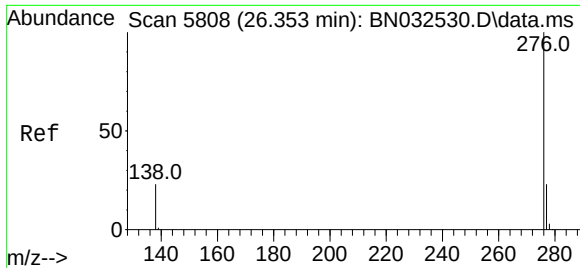


#28
 Dibenzo(a,h)anthracene
 Concen: 0.024 ng/ul
 RT: 25.660 min Scan# 5601
 Delta R.T. -0.007 min
 Lab File: BN032535.D
 Acq: 06 Jul 2024 08:11



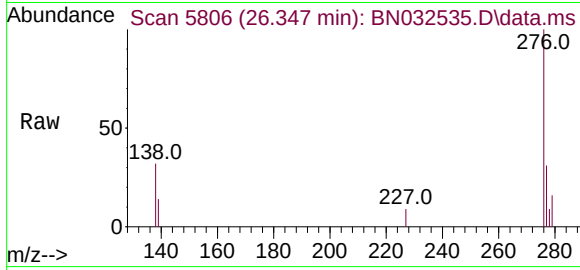
Tgt Ion:278 Resp: 1747
 Ion Ratio Lower Upper
 278 100
 139 66.6 15.9 23.9#
 279 79.3 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.104 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BN032535.D
 Acq: 06 Jul 2024 08:11

Instrument :
 BNA_N
 ClientSampleId :
 A4CE4DL



Tgt Ion: 276 Resp: 7978

Ion	Ratio	Lower	Upper
276	100		
138	31.7	19.8	29.6
277	30.8	19.8	29.6

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