

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032909.D
 Acq On : 23 Jul 2024 14:07
 Operator : MA/JU
 Sample : P3178-03DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 14:35:30 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4908	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	17867	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10315	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16670	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	12538	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15520	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3497	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1078	0.040	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1687	0.041	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	2071	0.043	ng/ul#	89
7) 2-Methylnaphthalene	11.982	142	846	0.028	ng/ul	96
8) 1-Methylnaphthalene	12.202	142	652	0.021	ng/ul	99
10) Acenaphthylene	13.897	152	1565	0.038	ng/ul#	84
11) Acenaphthene	14.239	153	2523	0.073	ng/ul	99
12) Fluorene	15.238	166	2477	0.063	ng/ul#	97
15) Phenanthrene	16.978	178	44651	0.984	ng/ul	99
16) Anthracene	17.071	178	6572	0.177	ng/ul#	92
19) Fluoranthene	19.008	202	61580	1.208	ng/ul	99
20) Pyrene	19.375	202	40973	0.777	ng/ul	100
21) Benzo(a)anthracene	21.141	228	28874	0.723	ng/ul	96
22) Chrysene	21.194	228	27070	0.469	ng/ul	96
24) Benzo(b)fluoranthene	22.693	252	36690m	0.670	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	15259m	0.229	ng/ul	
26) Benzo(a)pyrene	23.254	252	11248	0.237	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.559	276	11901	0.185	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.552	278	4423	0.089	ng/ul#	44
29) Benzo(g,h,i)perylene	26.236	276	1604	0.030	ng/ul#	23

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

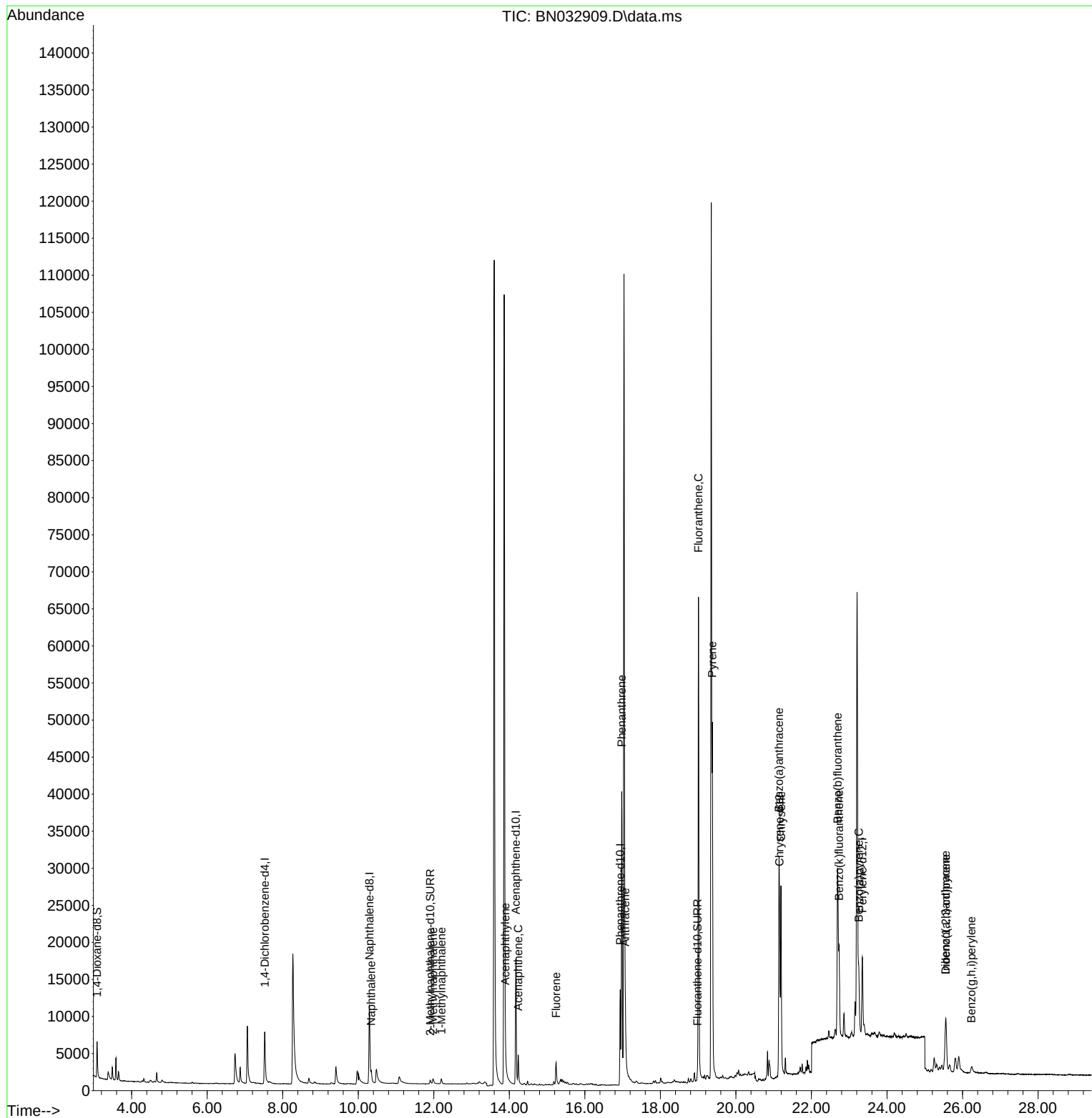
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032909.D
Acq On : 23 Jul 2024 14:07
Operator : MA/JU
Sample : P3178-03DL 5X
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ALS Vial : 18 Sample Multiplier: 1

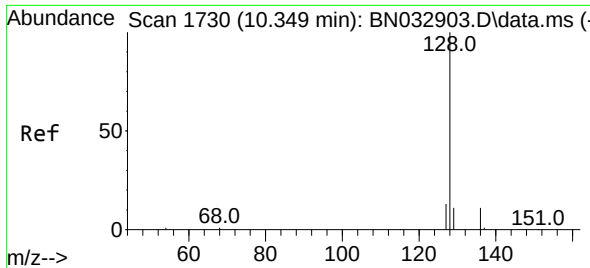
Instrument :
BNA_N
ClientSampleId :
A4BS8DL

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Supervised By :mohammad ahmed 07/26/2024

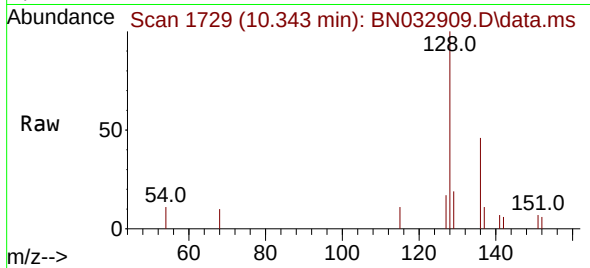
Quant Time: Jul 23 14:35:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

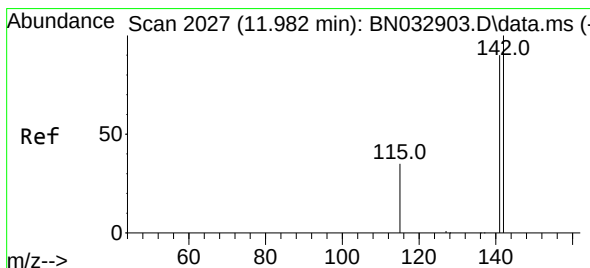
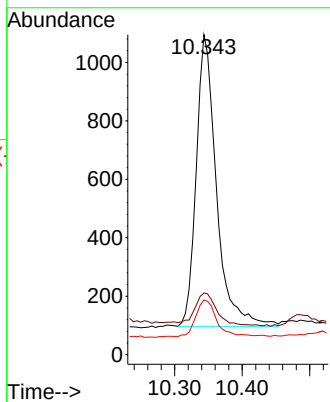
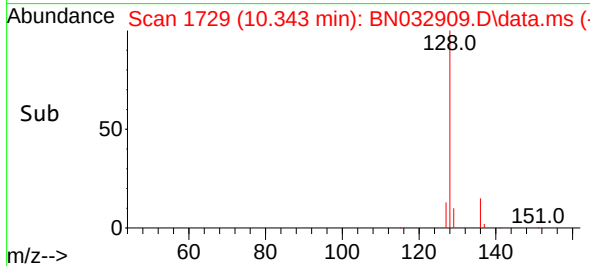
Instrument :
BNA_N
ClientSampleId :
A4BS8DL



Tgt Ion:128 Resp: 207
Ion Ratio Lower Upper
128 100
129 19.3 10.0 15.0
127 17.1 11.6 17.4

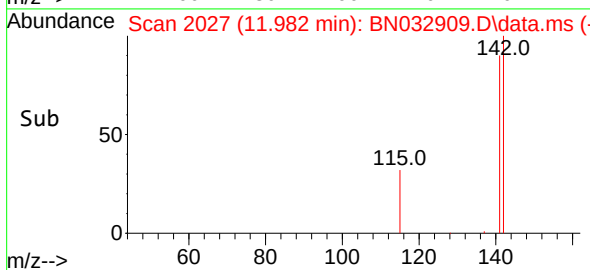
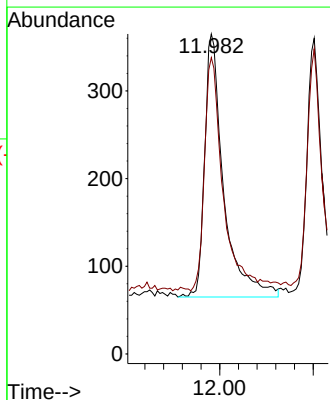
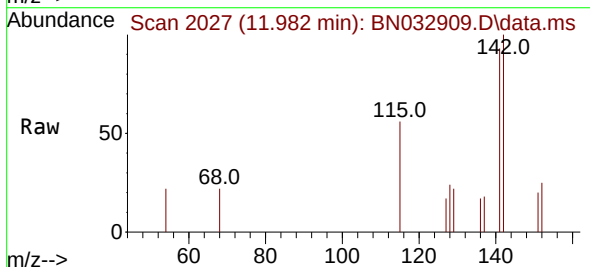
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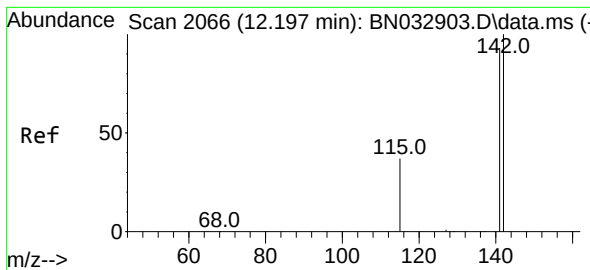
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

Tgt Ion:142 Resp: 846
Ion Ratio Lower Upper
142 100
141 88.9 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.202 min Scan# 2067

Delta R.T. -0.010 min

Lab File: BN032909.D

Acq: 23 Jul 2024 14:07

Instrument :

BNA_N

ClientSampleId :

A4BS8DL

Tgt Ion:142 Resp: 652

Ion Ratio Lower Upper

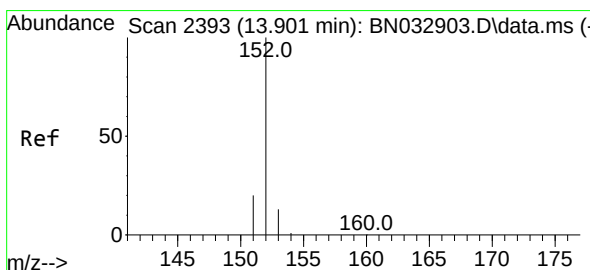
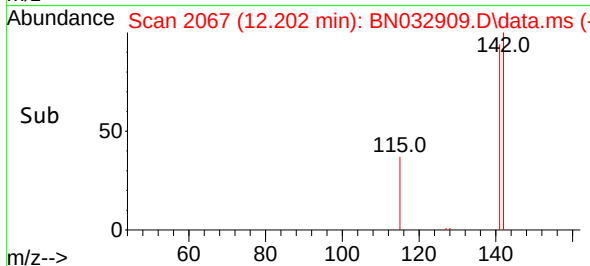
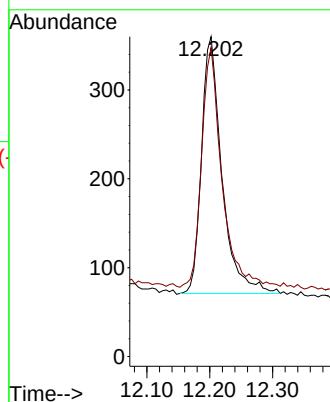
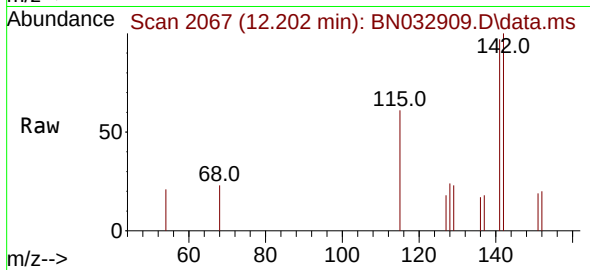
142 100

141 92.3 75.0 112.4

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#10

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.897 min Scan# 2392

Delta R.T. -0.017 min

Lab File: BN032909.D

Acq: 23 Jul 2024 14:07

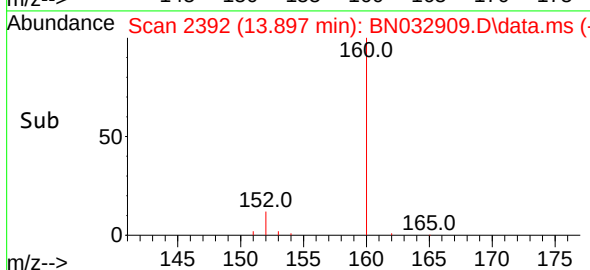
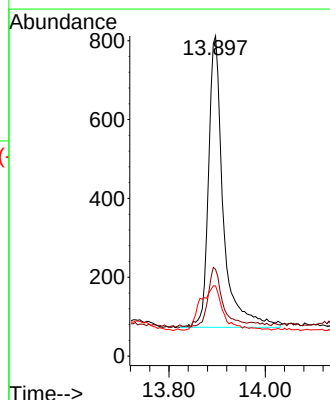
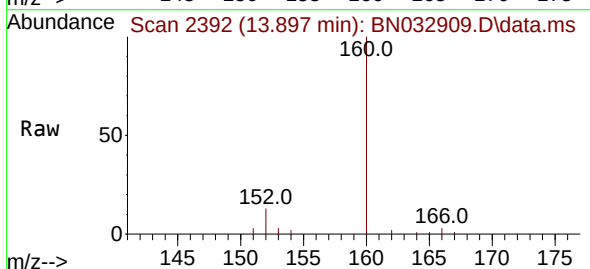
Tgt Ion:152 Resp: 1565

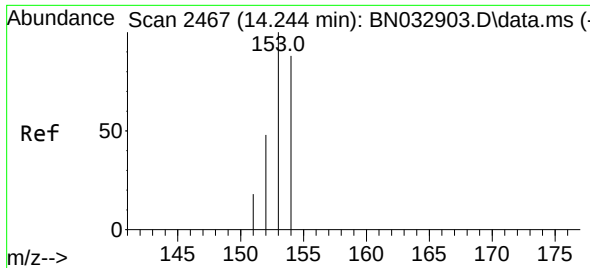
Ion Ratio Lower Upper

152 100

151 27.1 16.3 24.5#

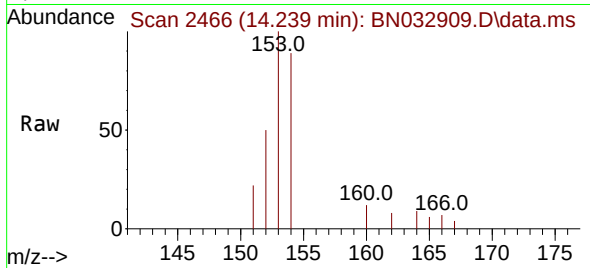
153 21.9 11.3 16.9#





#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

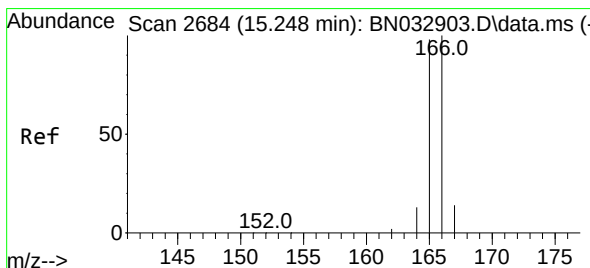
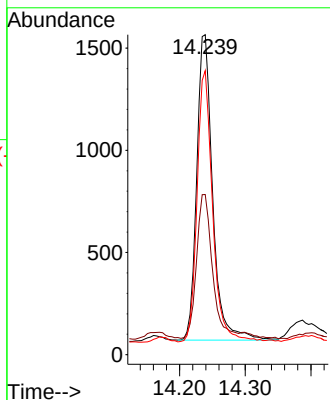
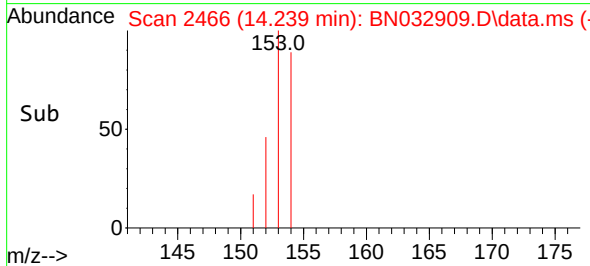
Instrument :
BNA_N
ClientSampleId :
A4BS8DL



Tgt Ion:153 Resp: 252.0
Ion Ratio Lower Upper
153 100
152 50.1 40.0 60.0
154 88.8 70.2 105.4

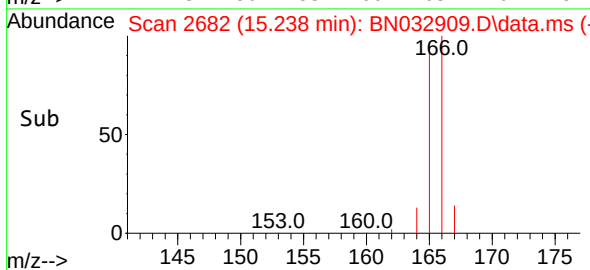
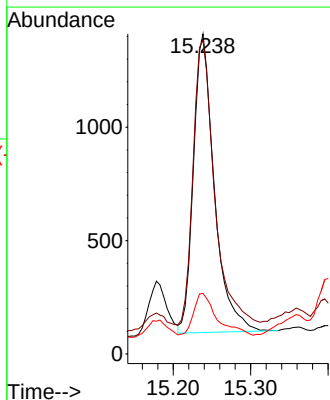
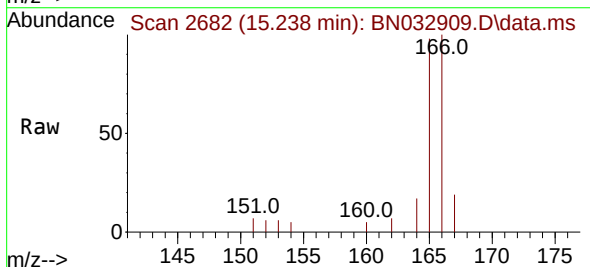
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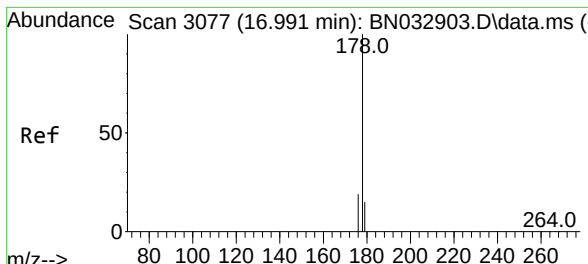
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

Tgt Ion:166 Resp: 2477
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 18.9 11.4 17.2#





#15

Phenanthrene

Concen: 0.984 ng/ul

RT: 16.978 min Scan# 3074

Delta R.T. -0.024 min

Lab File: BN032909.D

Acq: 23 Jul 2024 14:07

Instrument :

BNA_N

ClientSampleId :

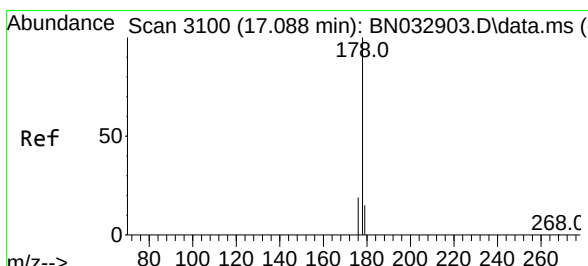
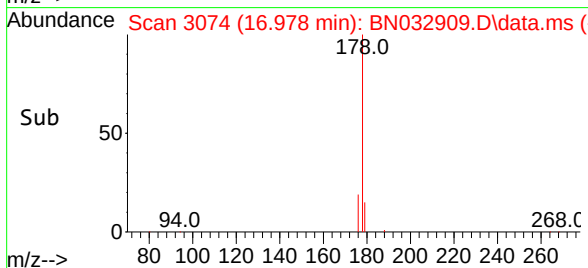
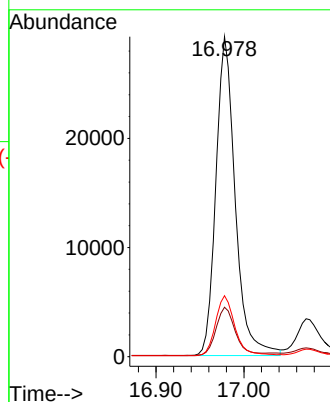
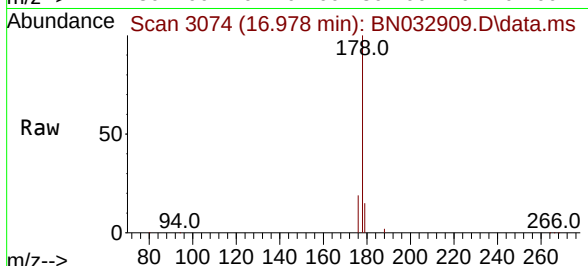
A4BS8DL

Tgt Ion:178	Resp: 4465
Ion Ratio	Lower Upper
178 100	
179 15.5	13.0 19.4
176 19.0	15.6 23.4

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#16

Anthracene

Concen: 0.177 ng/ul

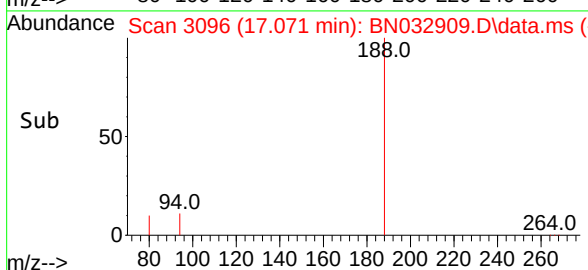
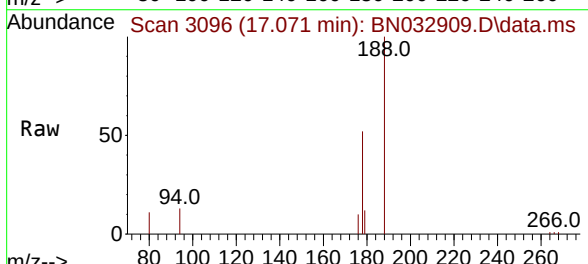
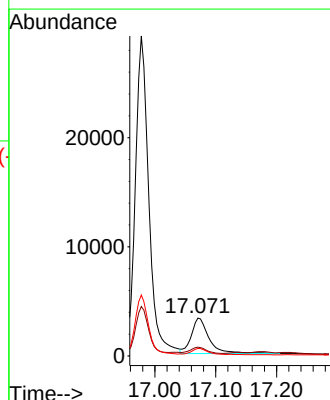
RT: 17.071 min Scan# 3096

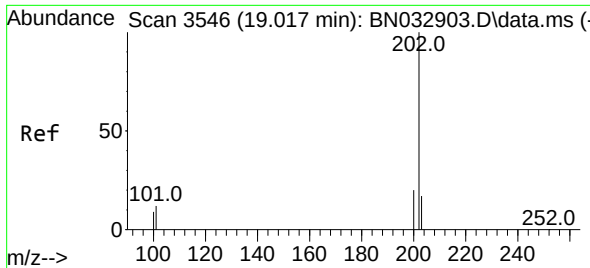
Delta R.T. -0.028 min

Lab File: BN032909.D

Acq: 23 Jul 2024 14:07

Tgt Ion:178	Resp: 6572
Ion Ratio	Lower Upper
178 100	
179 23.3	13.4 20.2
176 19.9	15.4 23.0





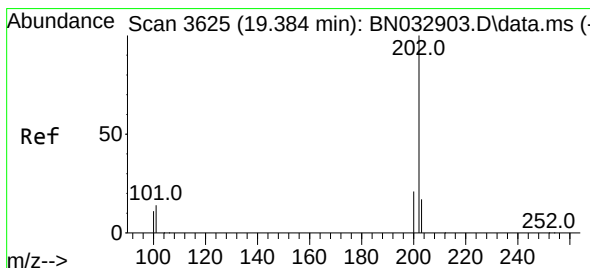
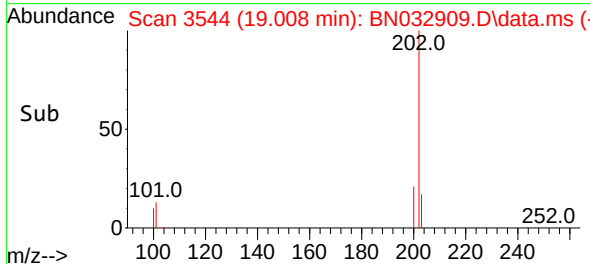
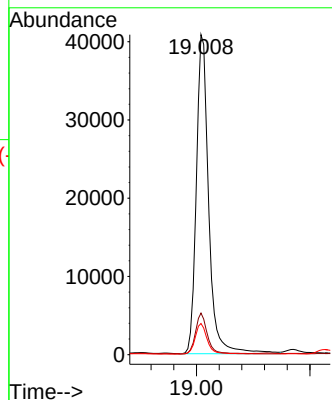
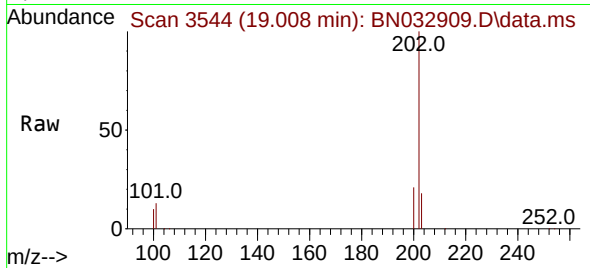
#19
Fluoranthene
Concen: 1.208 ng/ul
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

Instrument :
BNA_N
ClientSampleId :
A4BS8DL

Tgt Ion:202 Resp: 61580
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 9.8 7.9 11.9

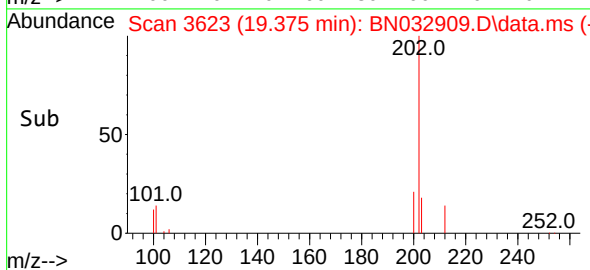
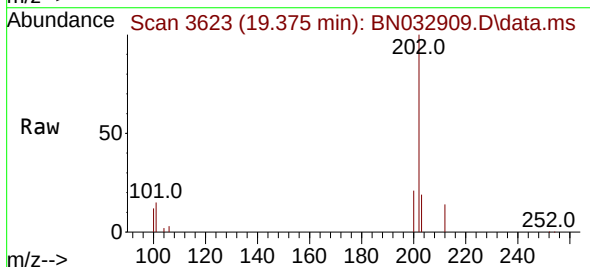
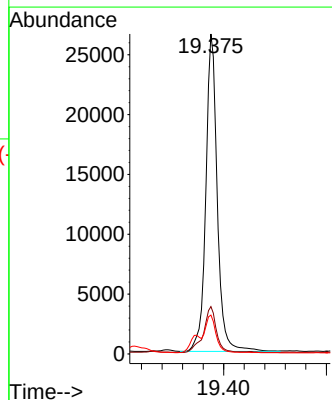
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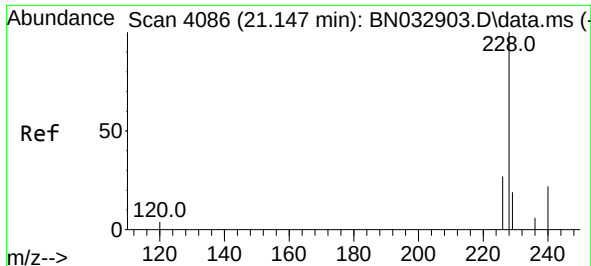
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 0.777 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

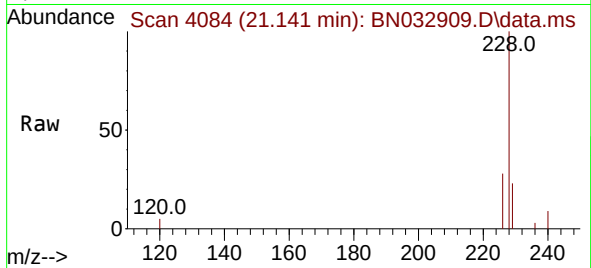
Tgt Ion:202 Resp: 40973
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.723 ng/ul
RT: 21.141 min Scan# 4086
Delta R.T. -0.009 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

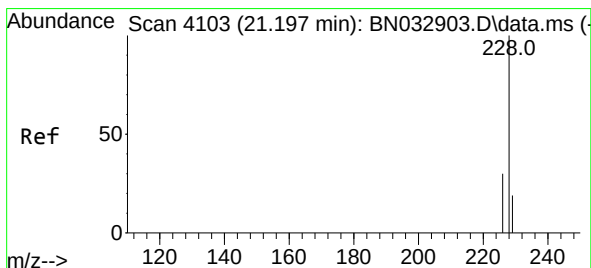
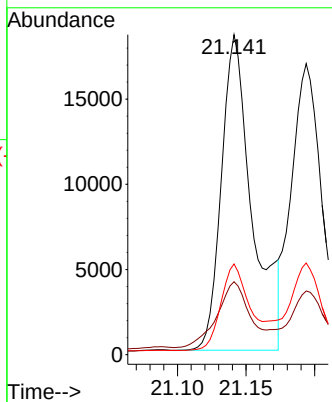
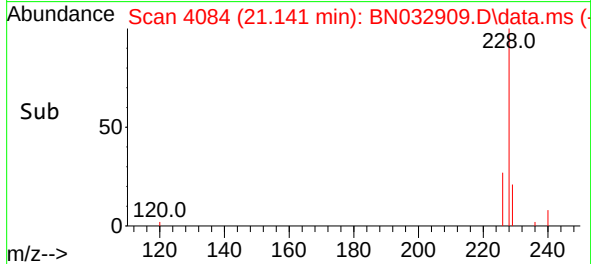
Instrument :
BNA_N
ClientSampleId :
A4BS8DL



Tgt Ion:228 Resp: 28874
Ion Ratio Lower Upper
228 100
229 22.8 16.1 24.1
226 28.3 21.9 32.9

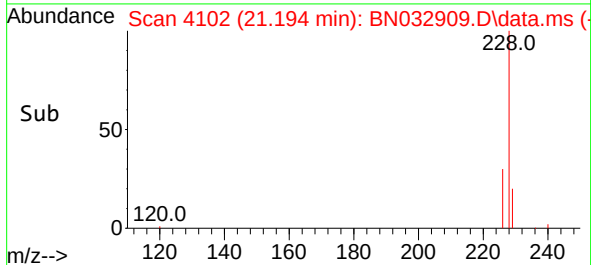
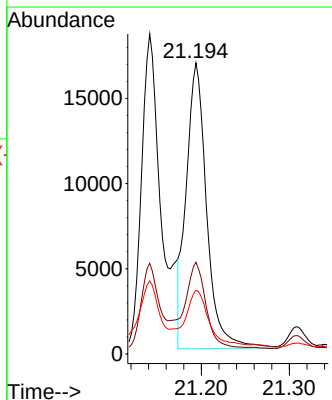
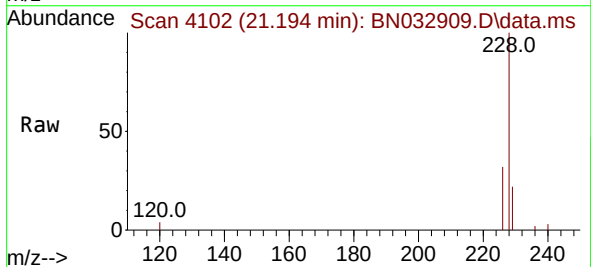
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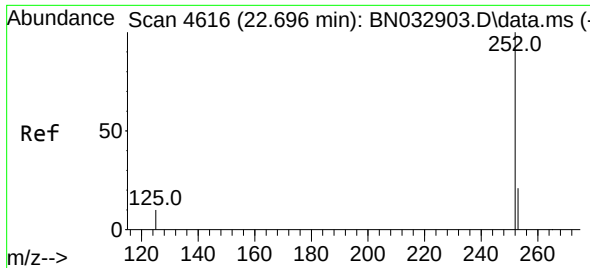
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.469 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

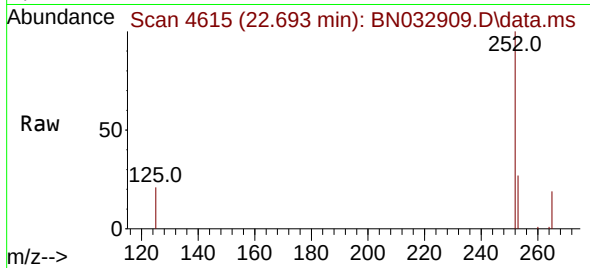
Tgt Ion:228 Resp: 27070
Ion Ratio Lower Upper
228 100
226 31.5 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.670 ng/ul m
RT: 22.693 min Scan# 4616
Delta R.T. -0.006 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

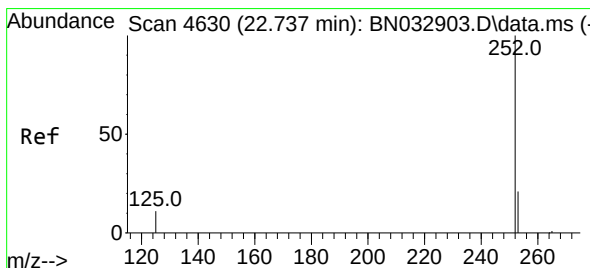
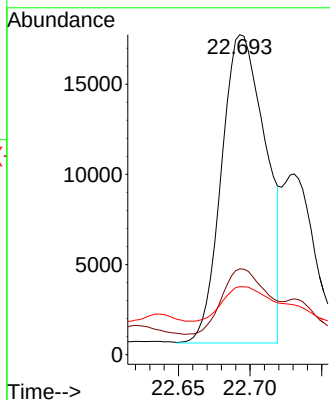
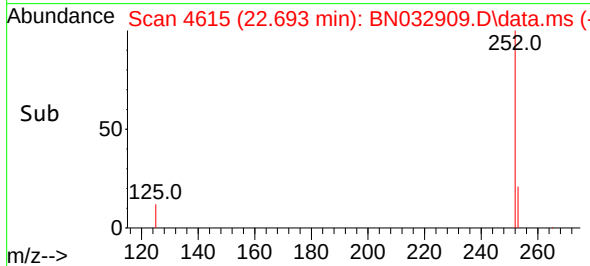
Instrument :
BNA_N
ClientSampleId :
A4BS8DL



Tgt Ion:252 Resp: 36690
Ion Ratio Lower Upper
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253 26.8 0.0 54.0
125 21.3 0.0 36.0

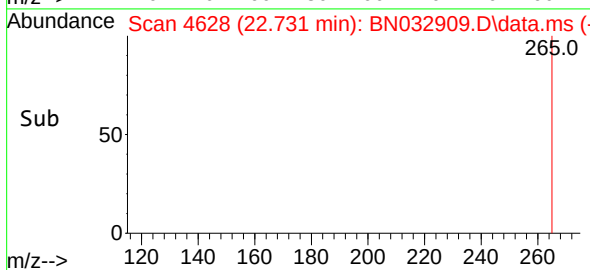
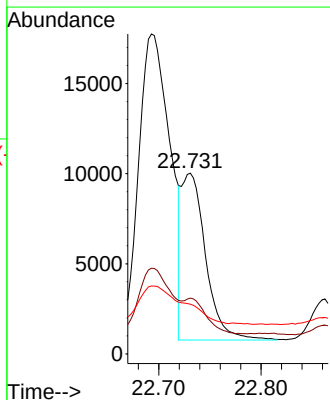
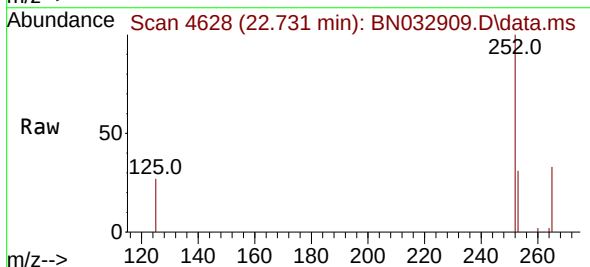
Manual Integrations
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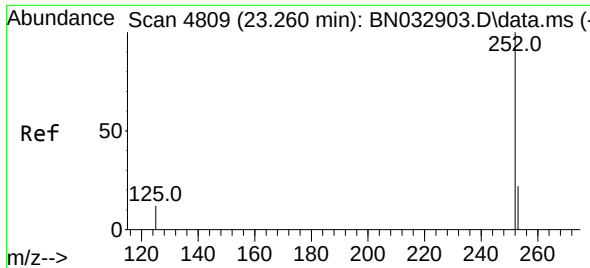
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

Tgt Ion:252 Resp: 15259
Ion Ratio Lower Upper
252 100
253 30.9 21.2 31.8
125 27.5 14.8 22.2#





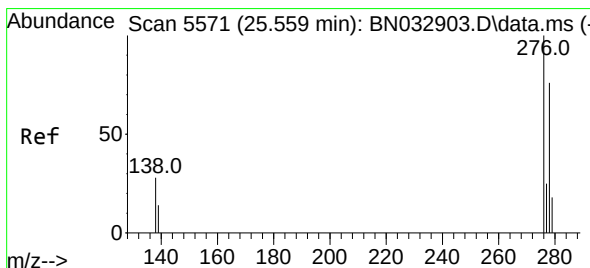
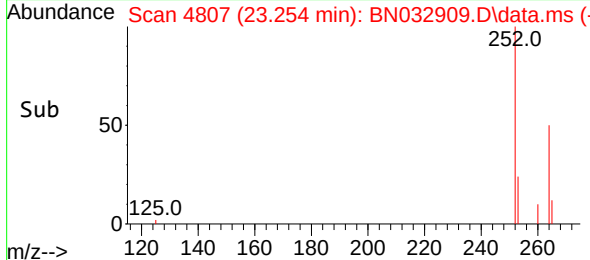
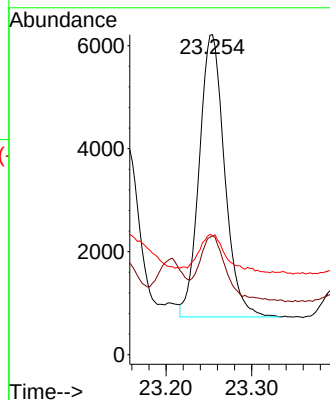
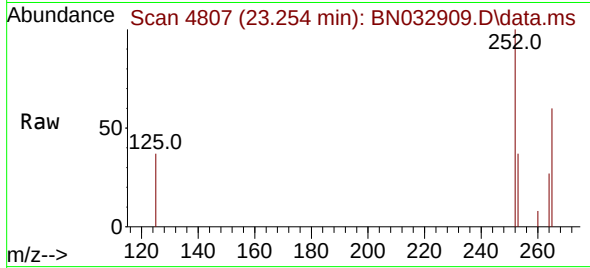
#26
Benzo(a)pyrene
Concen: 0.237 ng/ul
RT: 23.254 min Scan# 4809
Delta R.T. -0.009 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

Instrument :
BNA_N
ClientSampleId :
A4BS8DL

Tgt Ion:252 Resp: 1124
Ion Ratio Lower Upper
252 100
253 37.2 25.4 38.0
125 37.1 20.6 30.8

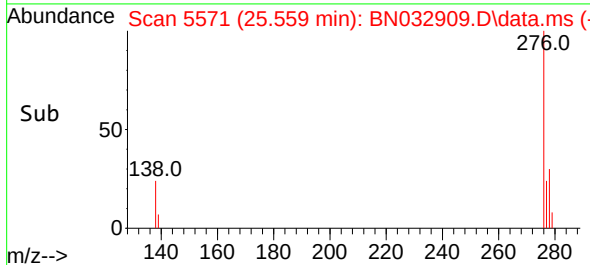
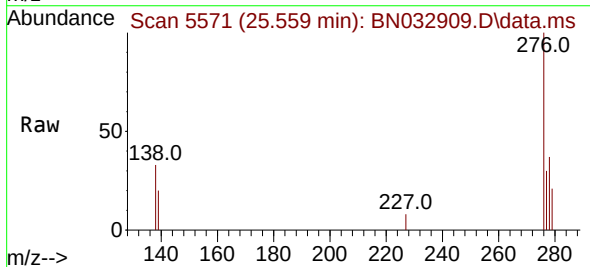
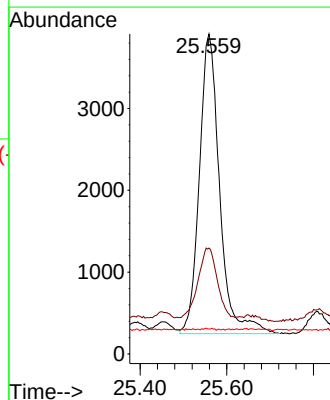
Manual Integrations
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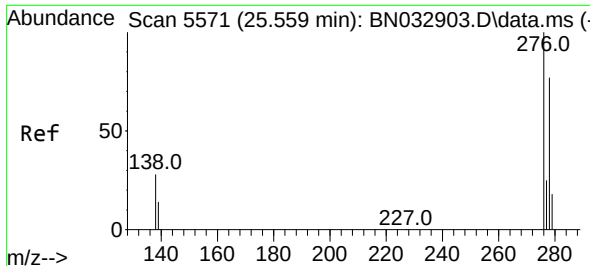
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.010 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

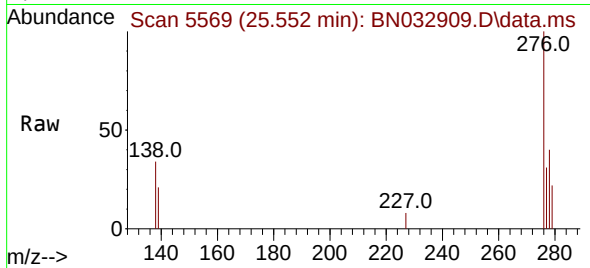
Tgt Ion:276 Resp: 11901
Ion Ratio Lower Upper
276 100
138 24.0 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

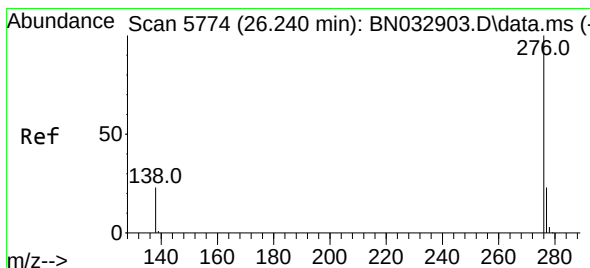
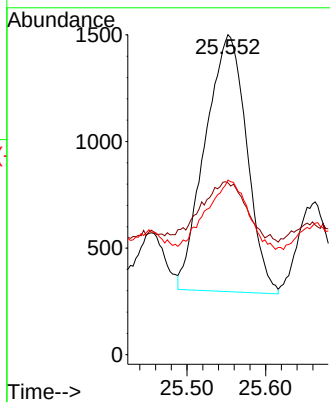
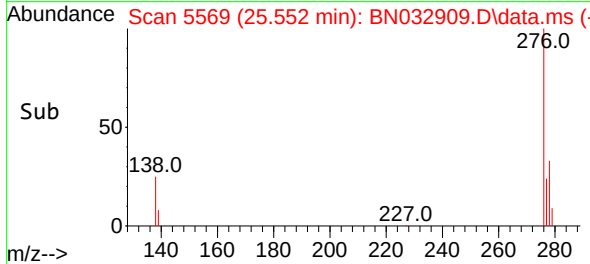
Instrument :
BNA_N
ClientSampleId :
A4BS8DL



Tgt Ion:278 Resp: 442
Ion Ratio Lower Upper
278 100
139 53.7 16.6 24.8
279 54.6 23.7 35.5

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 26.236 min Scan# 5773
Delta R.T. -0.014 min
Lab File: BN032909.D
Acq: 23 Jul 2024 14:07

Tgt Ion:276 Resp: 1604
Ion Ratio Lower Upper
276 100
138 72.6 21.0 31.4#
277 58.3 20.6 31.0#

