

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032952.D
 Acq On : 24 Jul 2024 17:12
 Operator : MA/JU
 Sample : P3201-17DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 17:40:32 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	7.519	152	4168	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.294	136	16037	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	8167	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	13176	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	10343	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	14191	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3228	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	957	0.039	ng/ul	-0.02
18) Fluoranthene-d10	18.976	212	1345	0.040	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.343	128	3021	0.070	ng/ul#	90
7) 2-Methylnaphthalene	11.982	142	1156	0.043	ng/ul	96
8) 1-Methylnaphthalene	12.197	142	966	0.035	ng/ul	98
10) Acenaphthylene	13.892	152	5451	0.165	ng/ul	96
11) Acenaphthene	14.235	153	3877	0.142	ng/ul	99
12) Fluorene	15.239	166	4252	0.136	ng/ul	99
15) Phenanthrene	16.978	178	81102	2.260	ng/ul	99
16) Anthracene	17.071	178	16765	0.572	ng/ul	97
19) Fluoranthene	19.008	202	172316	4.098	ng/ul	98
20) Pyrene	19.375	202	117856	2.708	ng/ul	98
21) Benzo(a)anthracene	21.136	228	77123	2.343	ng/ul	98
22) Chrysene	21.191	228	80811	1.697	ng/ul	98
24) Benzo(b)fluoranthene	22.690	252	142680m	2.850	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	47722m	0.782	ng/ul	
26) Benzo(a)pyrene	23.248	252	50211	1.159	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.552	276	53453	0.911	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.549	278	16867	0.371	ng/ul#	79
29) Benzo(g,h,i)perylene	26.236	276	7369	0.150	ng/ul#	61

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

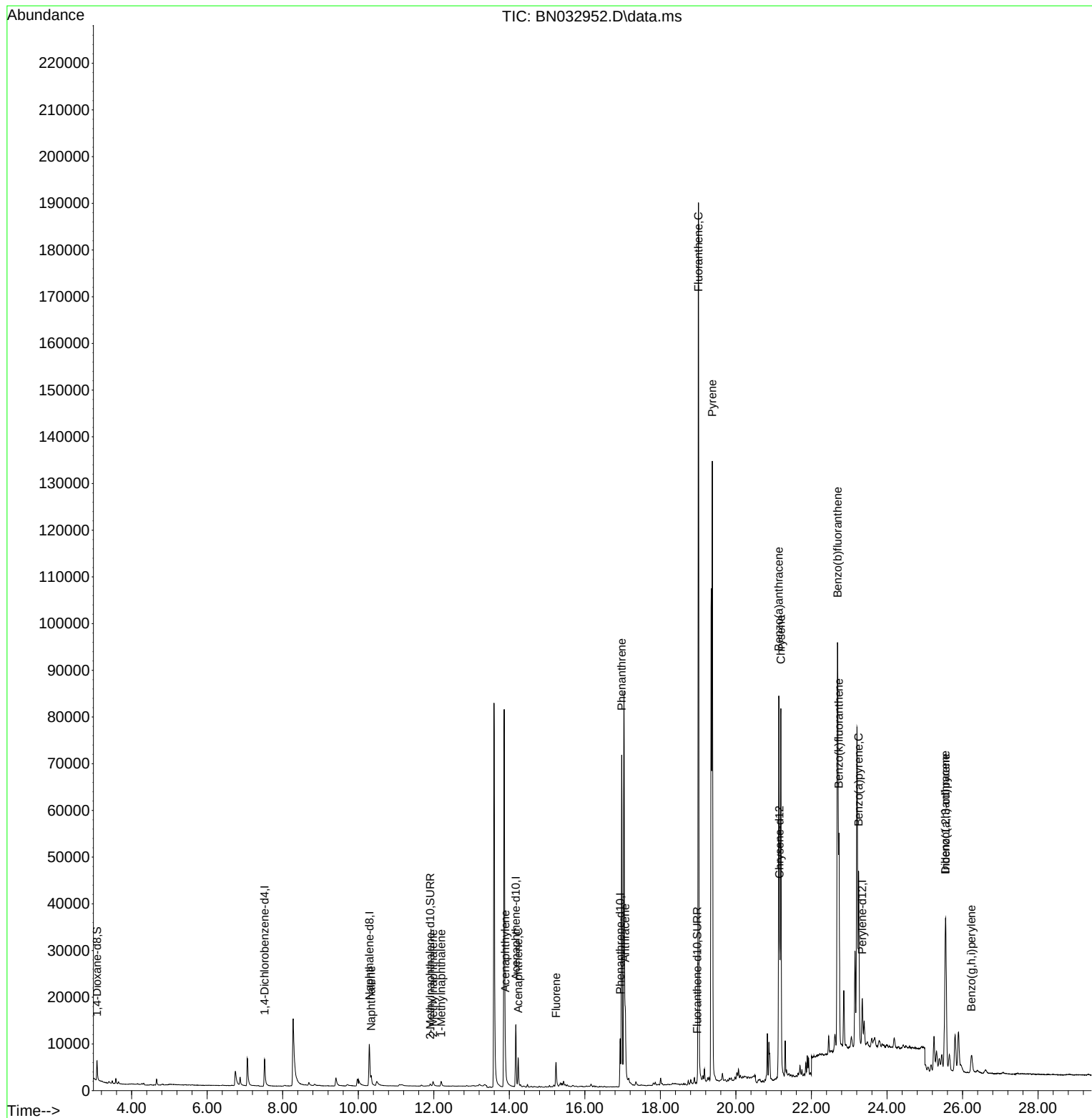
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032952.D
Acq On : 24 Jul 2024 17:12
Operator : MA/JU
Sample : P3201-17DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

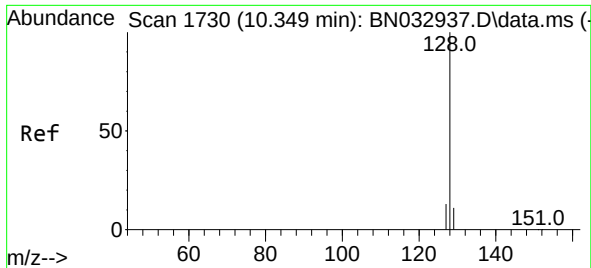
Instrument :
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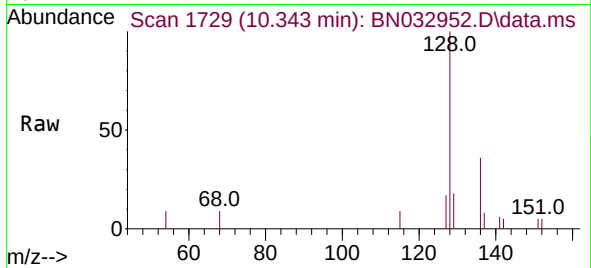
Quant Time: Jul 24 17:40:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

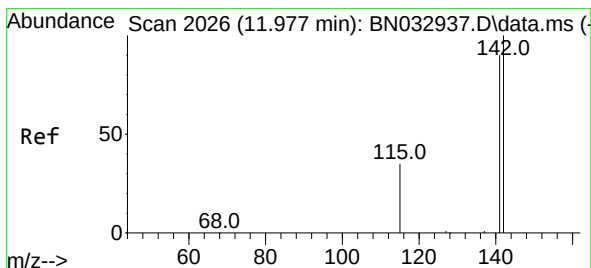
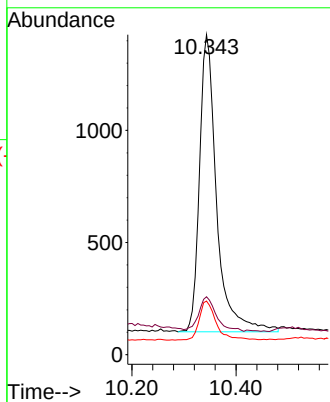
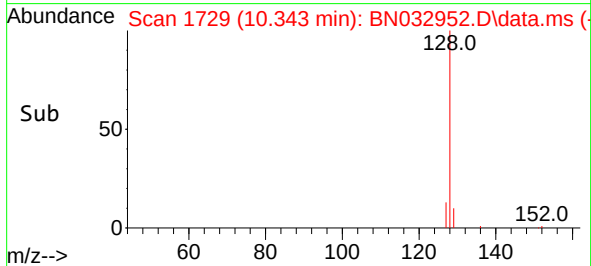
Instrument :
BNA_N
ClientSampleId :
A4CJ3DL



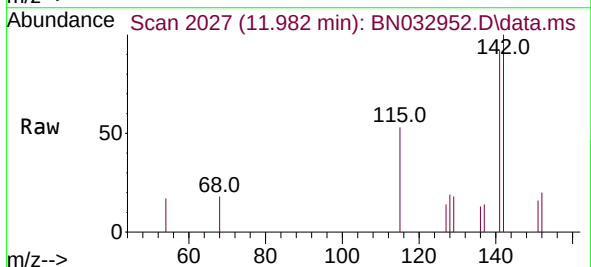
Tgt Ion:128 Resp: 302
Ion Ratio Lower Upper
128 100
129 18.1 10.0 15.0
127 16.7 11.6 17.4

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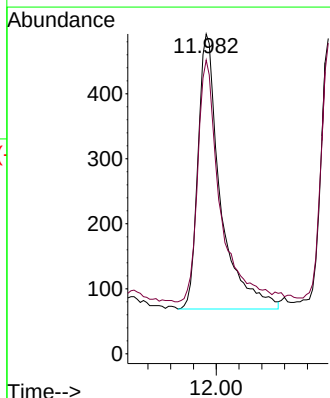
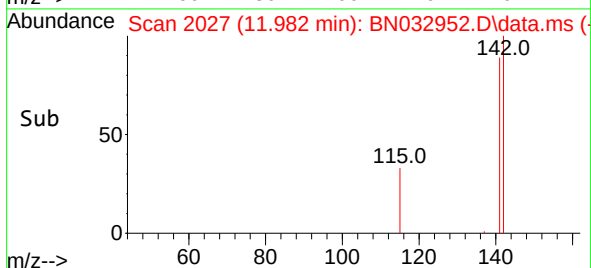
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

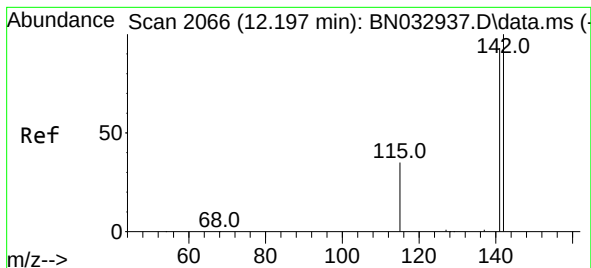


#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12



Tgt Ion:142 Resp: 1156
Ion Ratio Lower Upper
142 100
141 88.8 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.035 ng/u1

RT: 12.197 min Scan# 2066

Delta R.T. -0.015 min

Lab File: BN032952.D

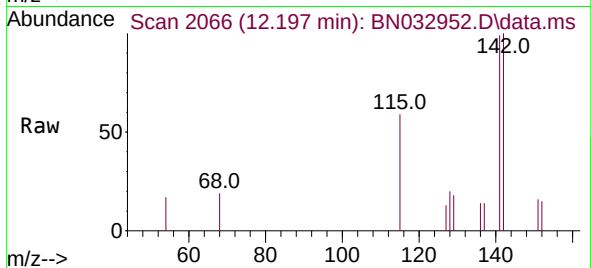
Acq: 24 Jul 2024 17:12

Instrument :

BNA_N

ClientSampleId :

A4CJ3DL



Tgt Ion:142 Resp: 960

Ion Ratio Lower Upper

142 100

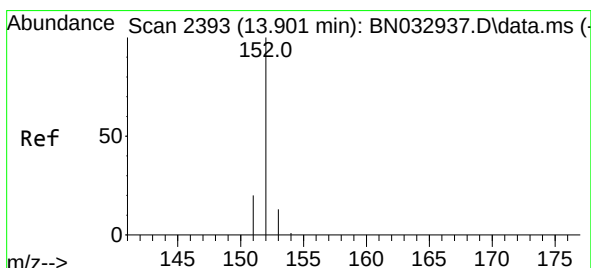
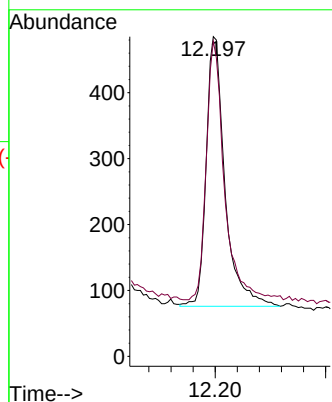
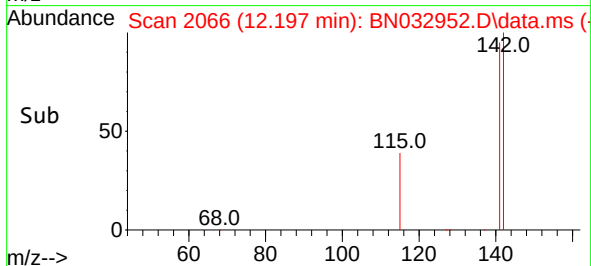
141 91.7 75.0 112.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.165 ng/u1

RT: 13.892 min Scan# 2391

Delta R.T. -0.022 min

Lab File: BN032952.D

Acq: 24 Jul 2024 17:12

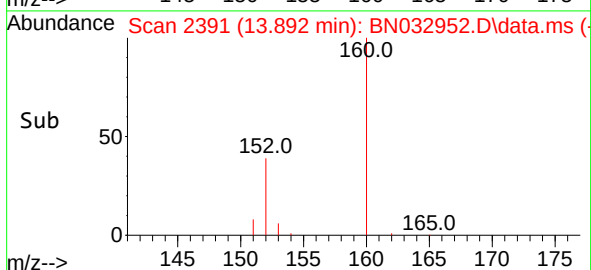
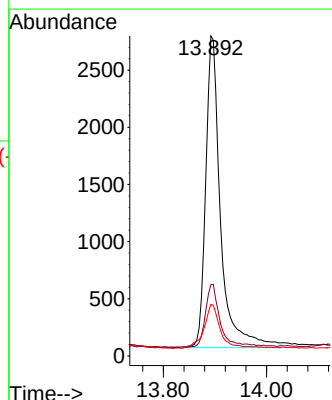
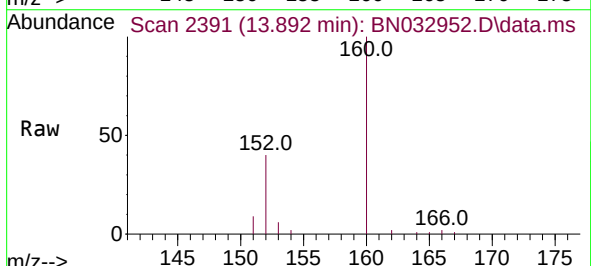
Tgt Ion:152 Resp: 5451

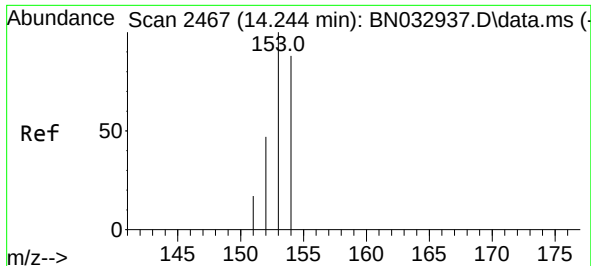
Ion Ratio Lower Upper

152 100

151 22.3 16.3 24.5

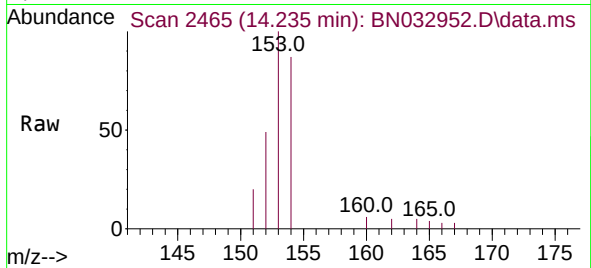
153 16.1 11.3 16.9





#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

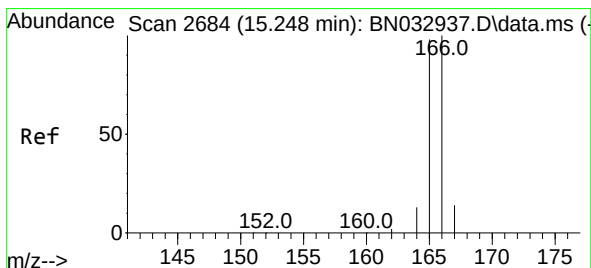
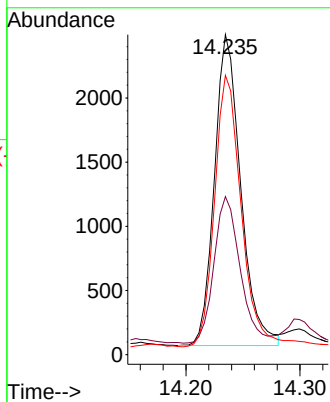
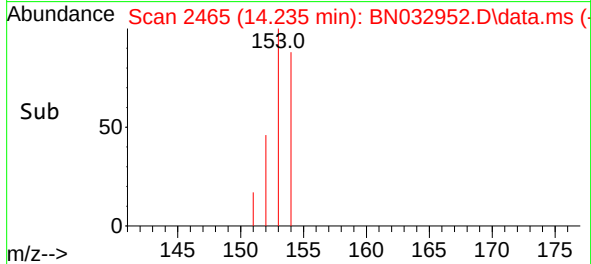
Instrument :
BNA_N
ClientSampleId :
A4CJ3DL



Tgt Ion:153 Resp: 387
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 87.3 70.2 105.4

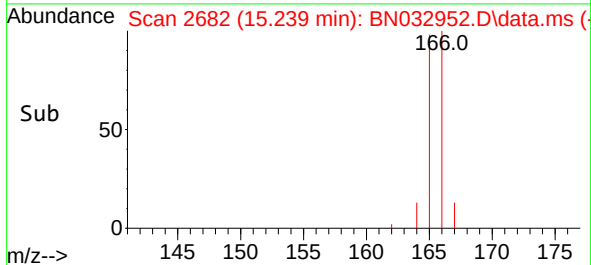
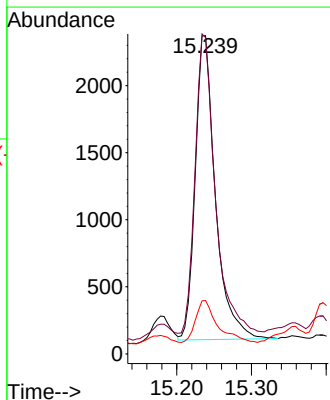
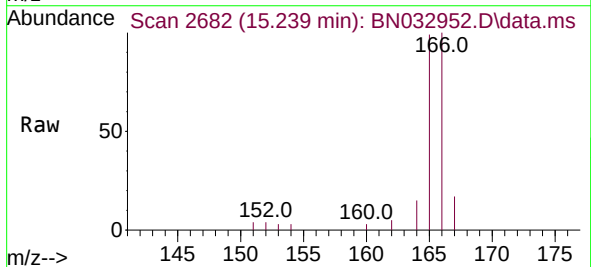
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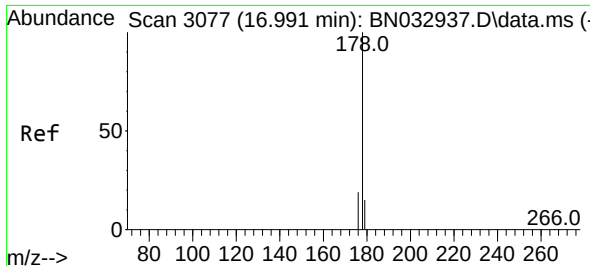
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

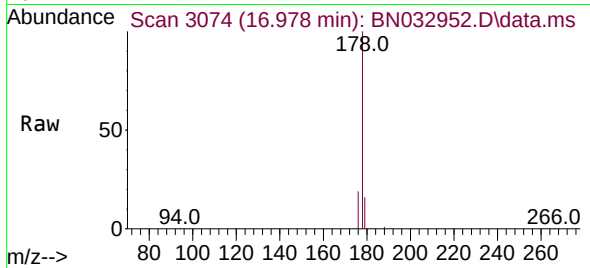
Tgt Ion:166 Resp: 4252
Ion Ratio Lower Upper
166 100
165 99.4 79.7 119.5
167 16.8 11.4 17.2





#15
Phenanthrene
Concen: 2.260 ng/u1
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

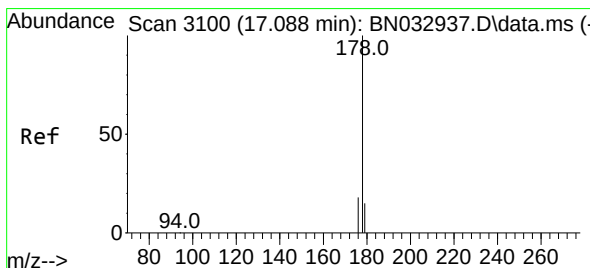
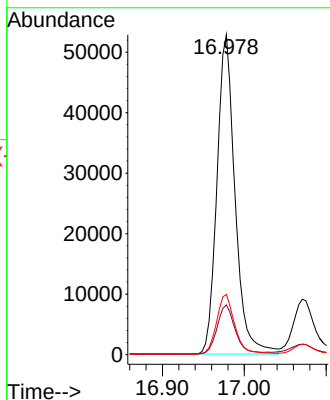
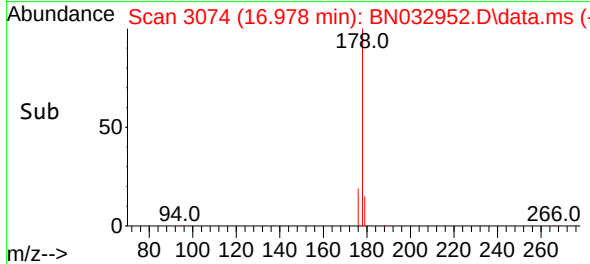
Instrument :
BNA_N
ClientSampleId :
A4CJ3DL



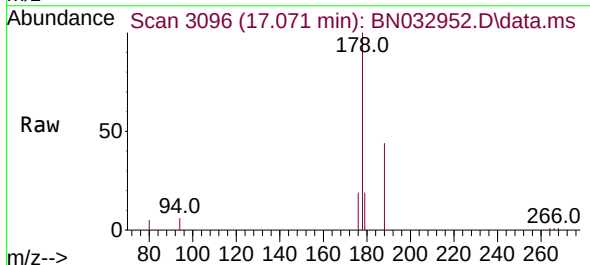
Tgt Ion:178 Resp: 8110
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 18.8 15.6 23.4

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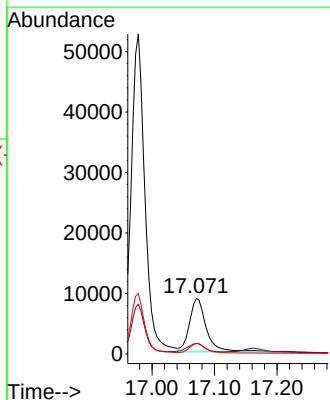
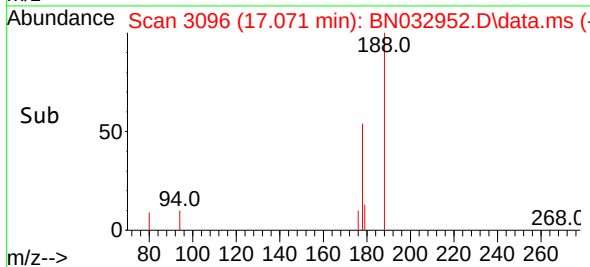
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

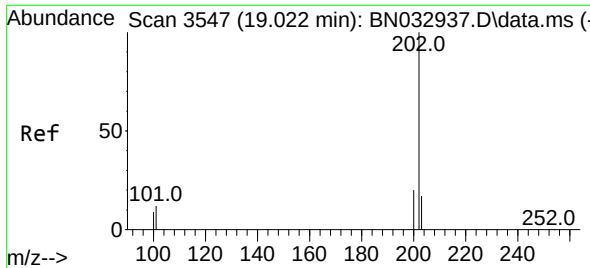


#16
Anthracene
Concen: 0.572 ng/u1
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12



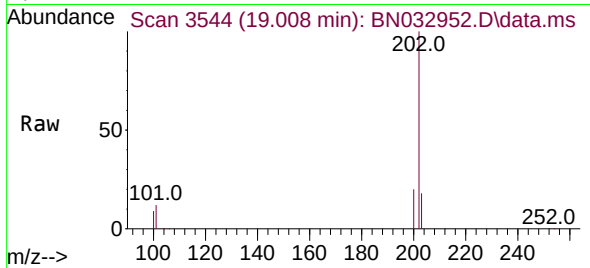
Tgt Ion:178 Resp: 16765
Ion Ratio Lower Upper
178 100
179 19.1 13.4 20.2
176 18.8 15.4 23.0





#19
Fluoranthene
Concen: 4.098 ng/u1
RT: 19.008 min Scan# 3547
Delta R.T. -0.017 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

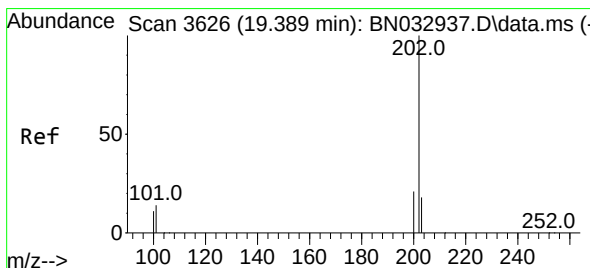
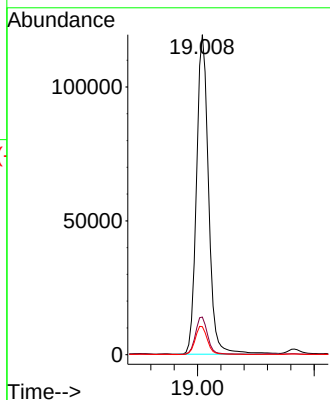
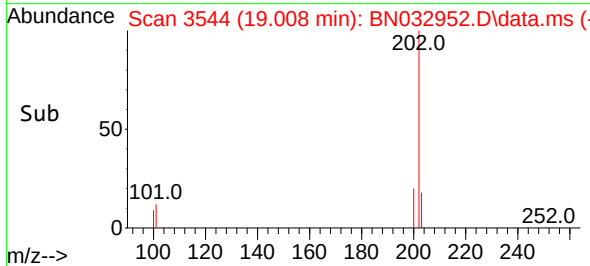
Instrument :
BNA_N
ClientSampleId :
A4CJ3DL



Tgt Ion:202 Resp: 172310
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.7 7.9 11.9

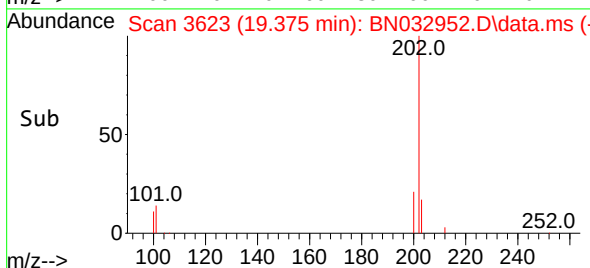
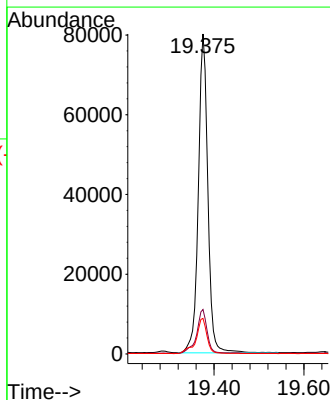
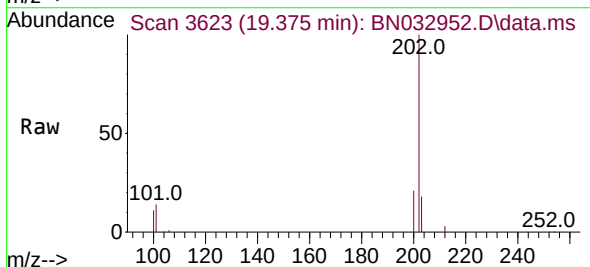
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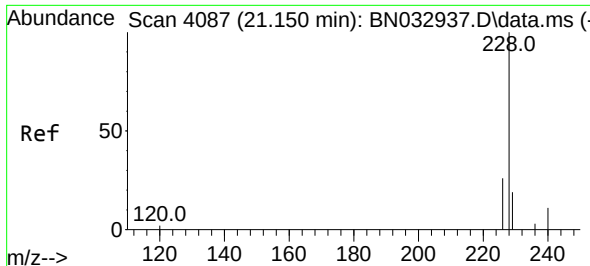
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 2.708 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

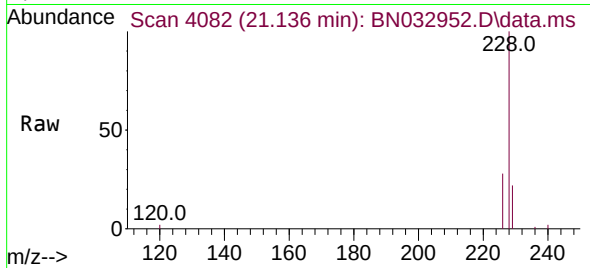
Tgt Ion:202 Resp: 117856
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.343 ng/uI
RT: 21.136 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

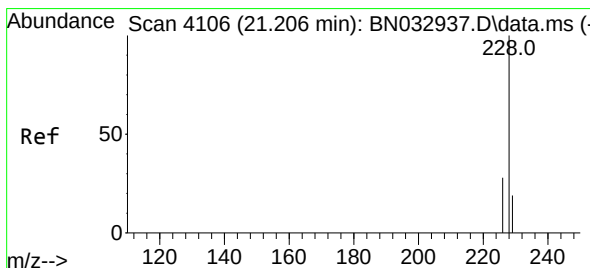
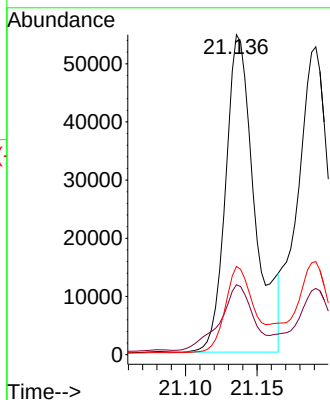
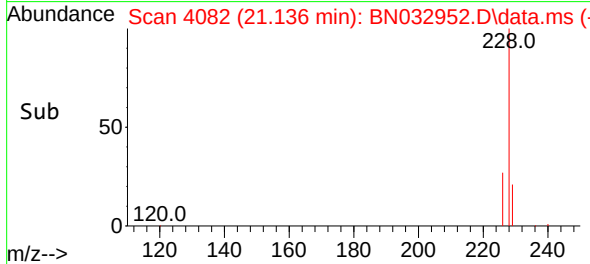
Instrument :
BNA_N
ClientSampleId :
A4CJ3DL



Tgt Ion:228 Resp: 7712
Ion Ratio Lower Upper
228 100
229 21.8 16.1 24.1
226 27.6 21.9 32.9

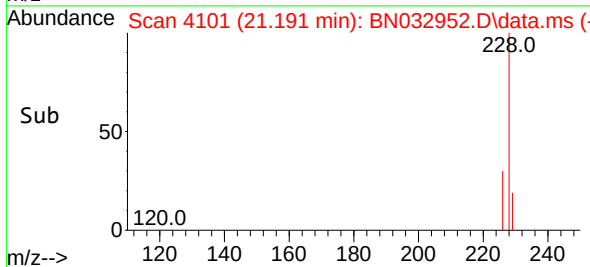
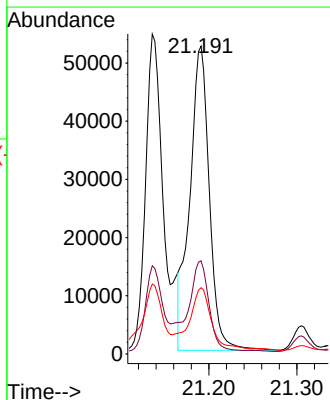
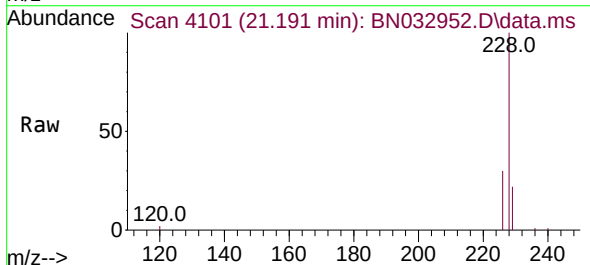
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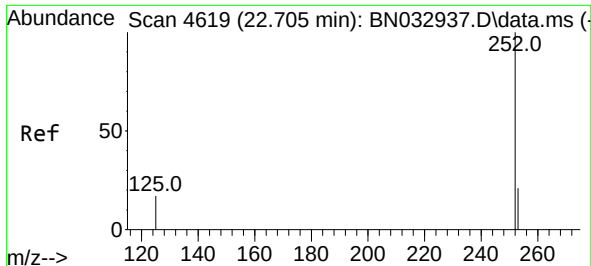
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.697 ng/uI
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

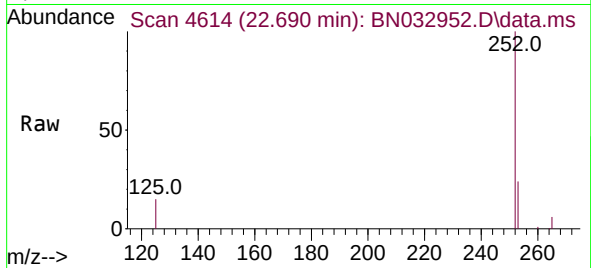
Tgt Ion:228 Resp: 80811
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.850 ng/ul m
RT: 22.690 min Scan# 4619
Delta R.T. -0.009 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

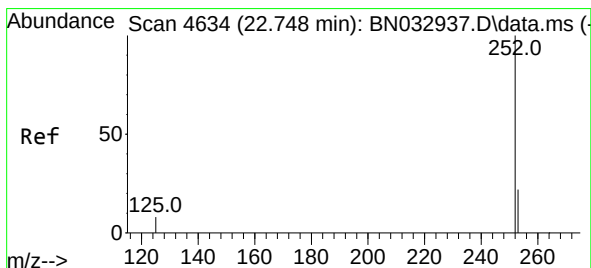
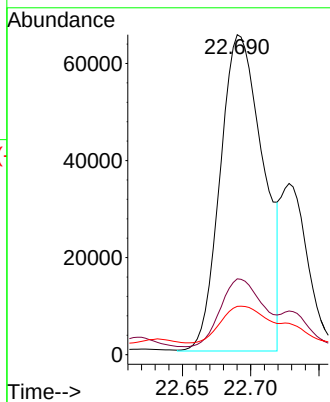
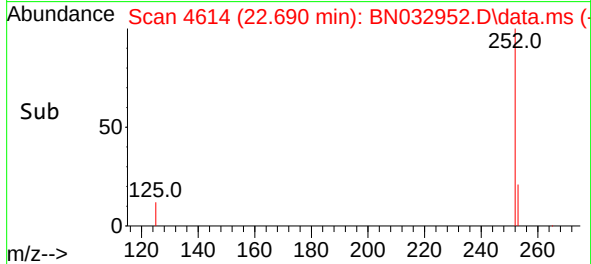
Instrument :
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Tgt Ion:252 Resp: 142680
Ion Ratio Lower Upper
252 100
253 23.7 0.0 54.0
125 15.1 0.0 36.0

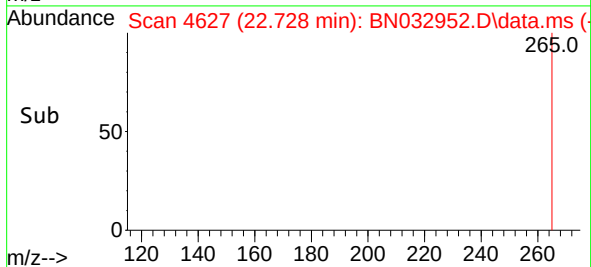
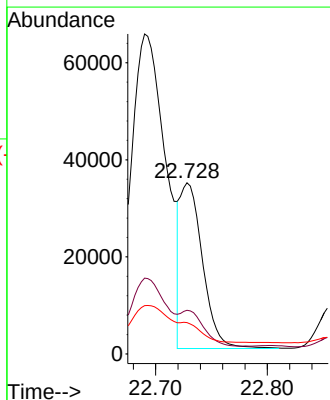
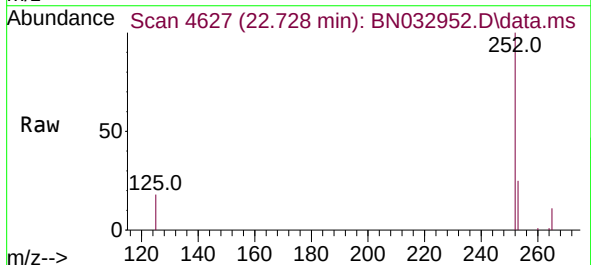
Manual Integrations
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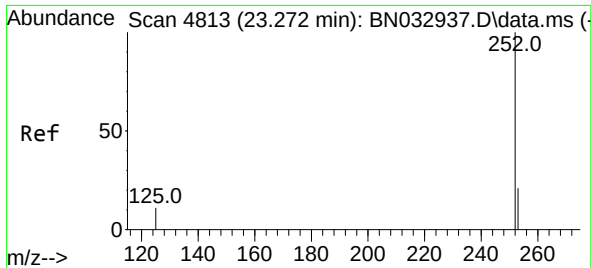
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.782 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

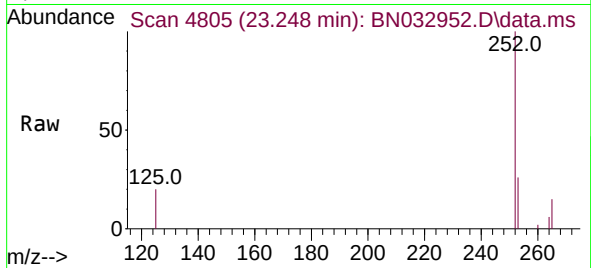
Tgt Ion:252 Resp: 47722
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 18.3 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.159 ng/ul
RT: 23.248 min Scan# 4813
Delta R.T. -0.015 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

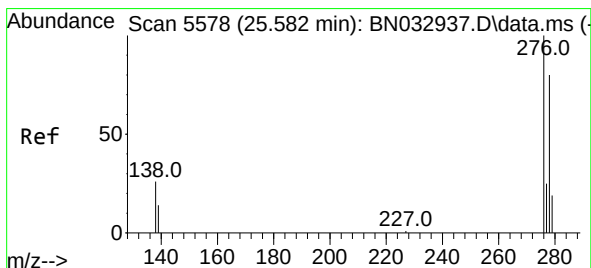
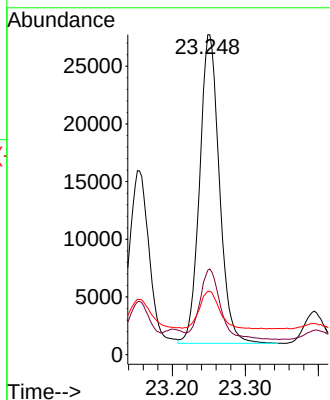
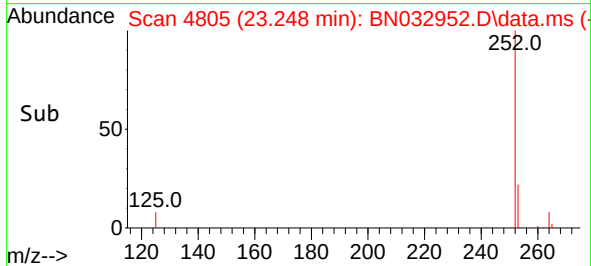
Instrument :
BNA_N
ClientSampleId :
A4CJ3DL



Tgt Ion:252 Resp: 5021
Ion Ratio Lower Upper
252 100
253 26.4 25.4 38.0
125 19.8 20.6 30.8

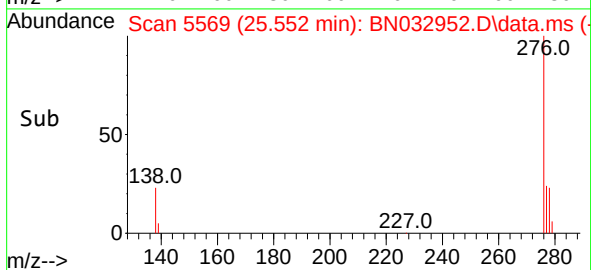
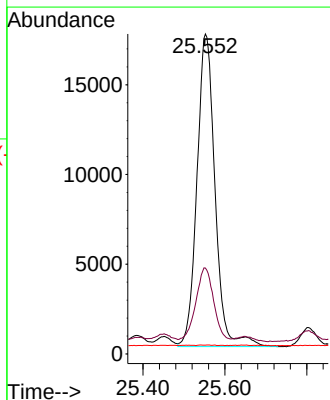
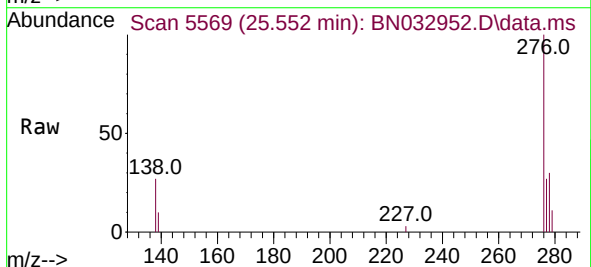
Manual Integrations
APPROVED

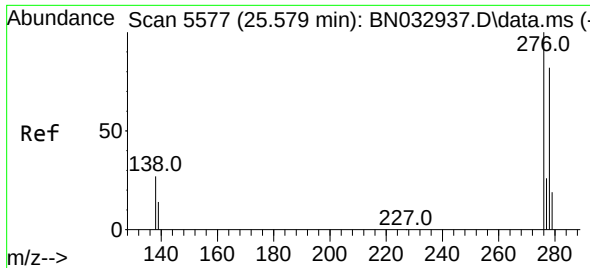
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.911 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

Tgt Ion:276 Resp: 53453
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.0 0.0 0.0





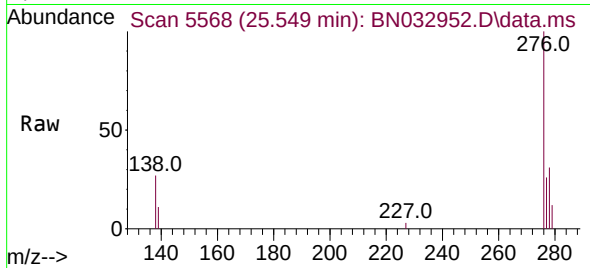
#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 25.549 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12

Instrument :

BNA_N

ClientSampleId :

A4CJ3DL



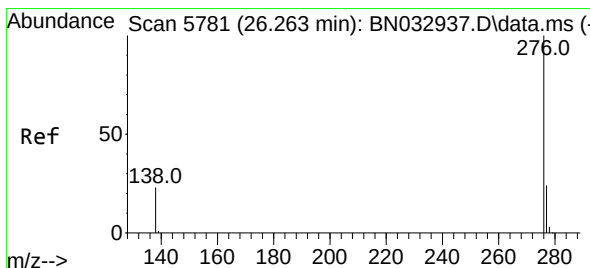
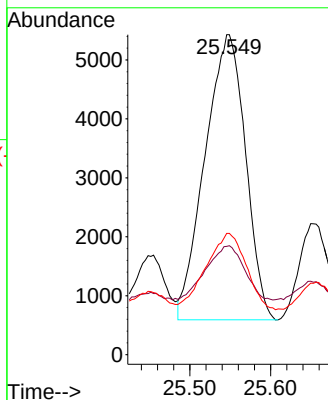
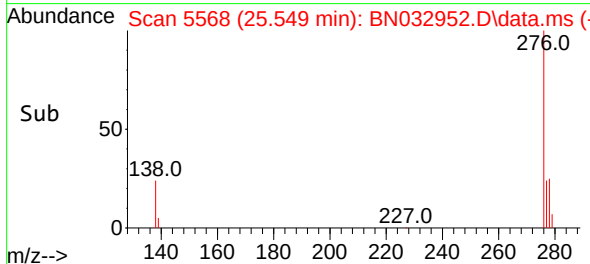
Tgt Ion:278 Resp: 1686
Ion Ratio Lower Upper
278 100
139 34.1 16.6 24.8
279 37.9 23.7 35.5

Manual Integrations

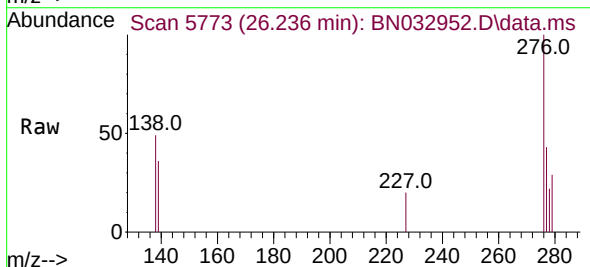
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 26.236 min Scan# 5773
Delta R.T. -0.014 min
Lab File: BN032952.D
Acq: 24 Jul 2024 17:12



Tgt Ion:276 Resp: 7369
Ion Ratio Lower Upper
276 100
138 48.8 21.0 31.4#
277 42.6 20.6 31.0#

