

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032939.D
 Acq On : 24 Jul 2024 09:22
 Operator : MA/JU
 Sample : P3215-21DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 12:19:30 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	4681	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.293	136	16168	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.178	164	9120	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	14932	0.400	ng/ul	-0.02
17) Chrysene-d12	21.160	240	11696	0.400	ng/ul	# 0.00
23) Perylene-d12	23.358	264	14646	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3720	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	1124	0.046	ng/ul	-0.02
18) Fluoranthene-d10	18.984	212	1746	0.046	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	2190	0.050	ng/ul#	87
7) 2-Methylnaphthalene	11.986	142	804	0.030	ng/ul	99
8) 1-Methylnaphthalene	12.201	142	797	0.028	ng/ul	97
10) Acenaphthylene	13.896	152	3426	0.093	ng/ul#	93
11) Acenaphthene	14.238	153	3564	0.117	ng/ul	98
12) Fluorene	15.237	166	3698	0.106	ng/ul#	97
15) Phenanthrene	16.981	178	56813	1.397	ng/ul	99
16) Anthracene	17.074	178	12376	0.373	ng/ul	97
19) Fluoranthene	19.016	202	76429	1.607	ng/ul	97
20) Pyrene	19.379	202	64154	1.303	ng/ul	99
21) Benzo(a)anthracene	21.146	228	37167	0.998	ng/ul	97
22) Chrysene	21.198	228	34429	0.639	ng/ul	96
24) Benzo(b)fluoranthene	22.700	252	44822m	0.867	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	15931m	0.253	ng/ul	
26) Benzo(a)pyrene	23.262	252	18735	0.419	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.568	276	17174	0.284	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.568	278	5551	0.118	ng/ul#	1
29) Benzo(g,h,i)perylene	26.259	276	2250	0.044	ng/ul#	1

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

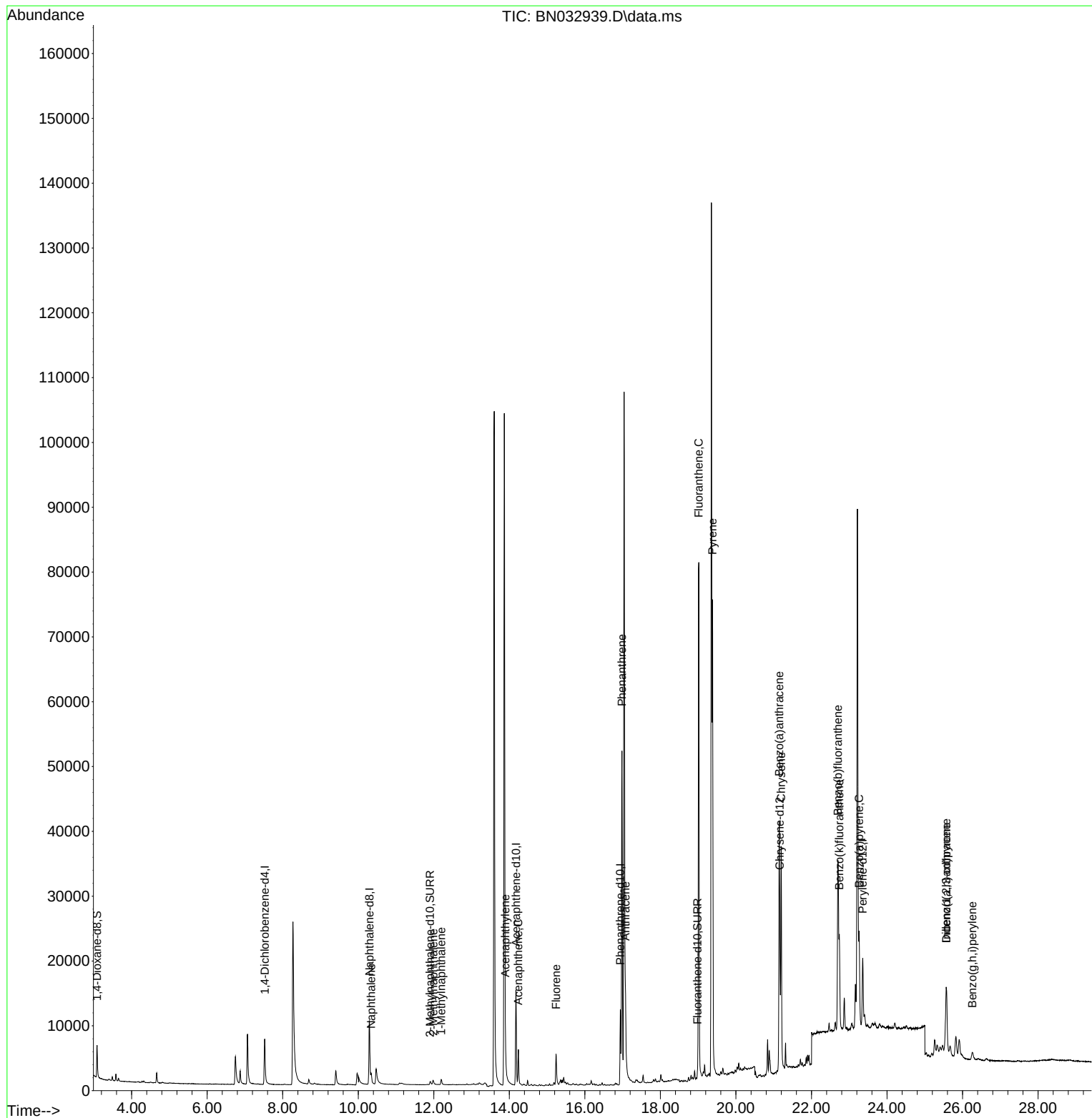
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032939.D
Acq On : 24 Jul 2024 09:22
Operator : MA/JU
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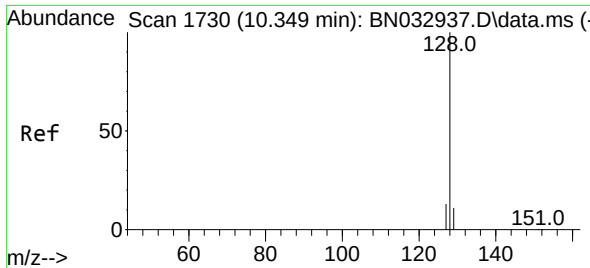
Instrument :
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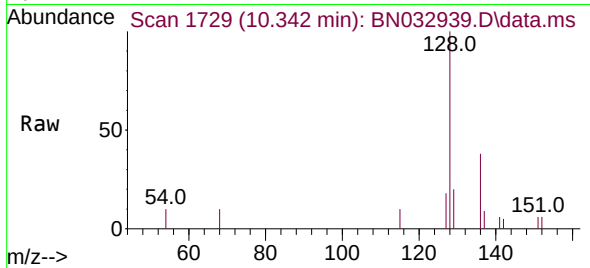
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.342 min Scan# 1729
Delta R.T. -0.022 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

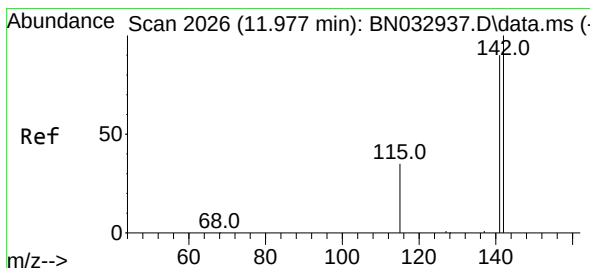
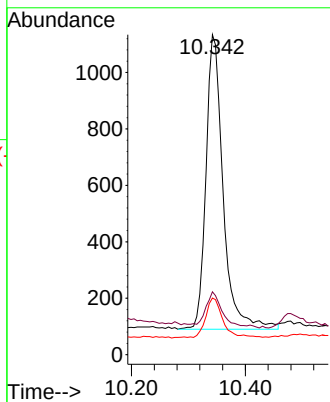
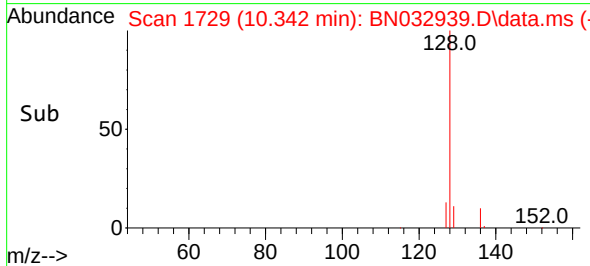
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:128 Resp: 2190
Ion Ratio Lower Upper
128 100
129 19.7 10.0 15.0
127 17.7 11.6 17.4

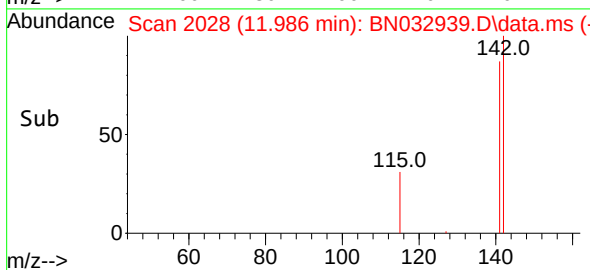
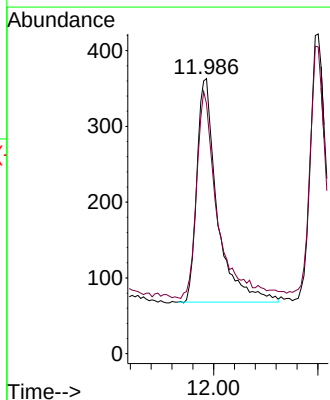
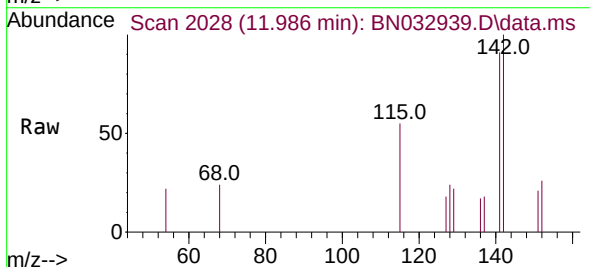
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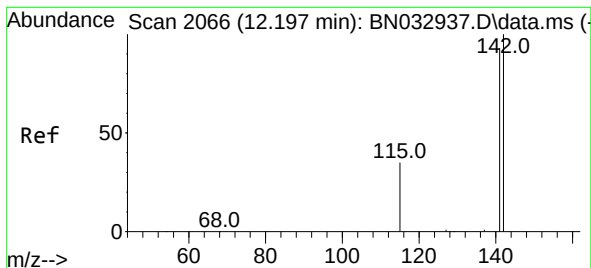
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.986 min Scan# 2028
Delta R.T. -0.011 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

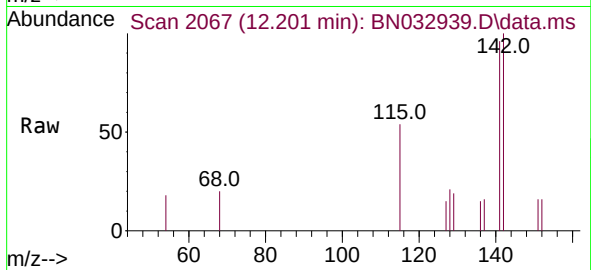
Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
141 93.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.028 ng/u1
RT: 12.201 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

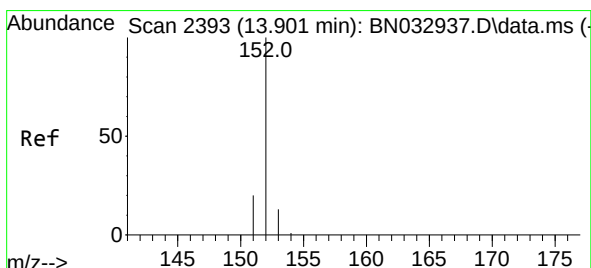
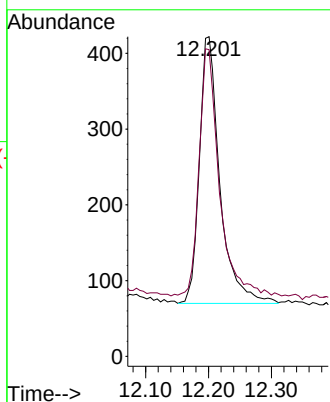
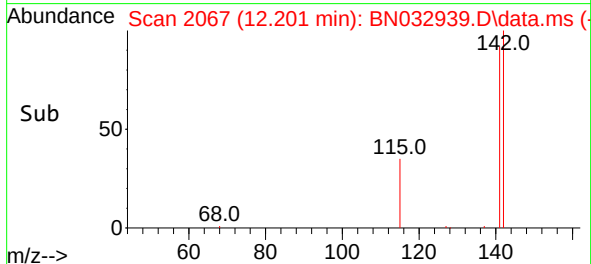
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
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141 91.2 75.0 112.4

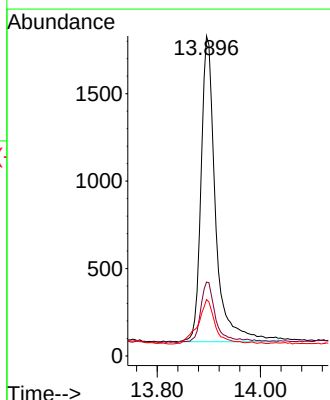
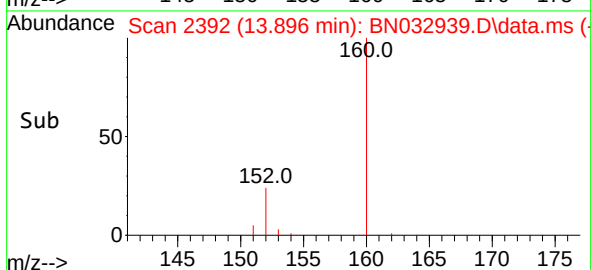
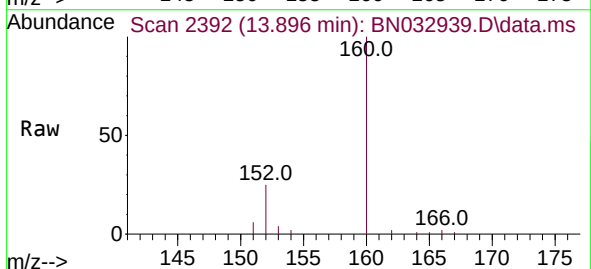
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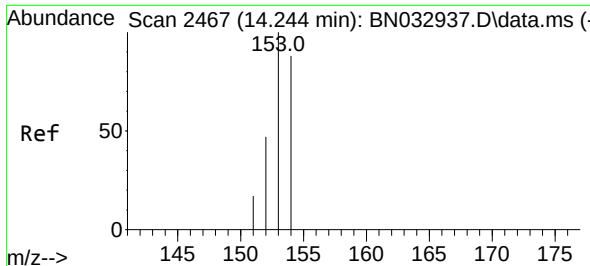
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.093 ng/u1
RT: 13.896 min Scan# 2392
Delta R.T. -0.018 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

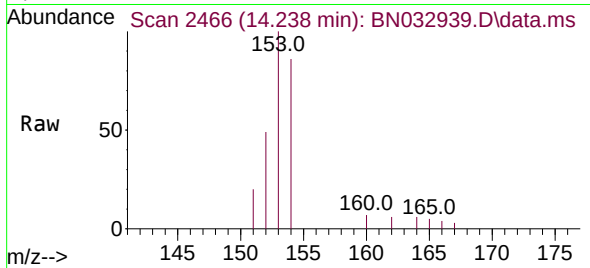
Tgt Ion:152 Resp: 3426
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 17.6 11.3 16.9#





#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

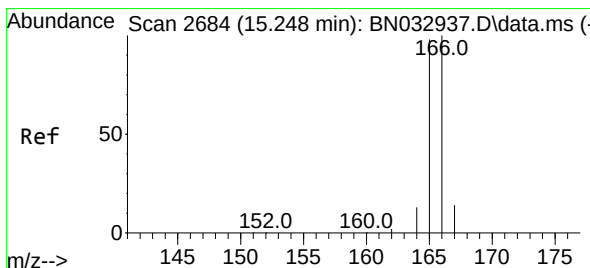
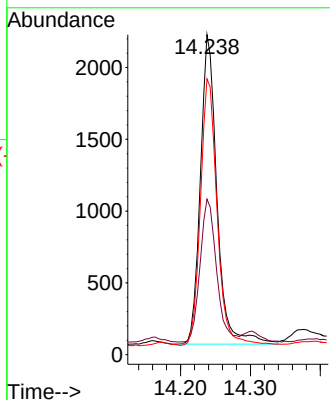
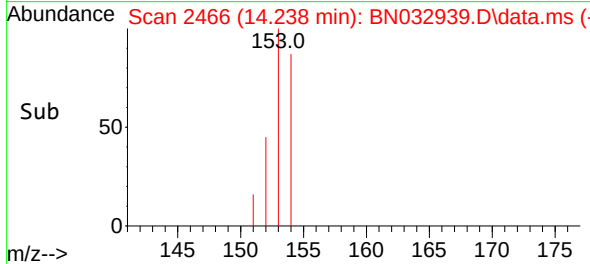
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:153 Resp: 3564
Ion Ratio Lower Upper
153 100
152 48.6 40.0 60.0
154 86.2 70.2 105.4

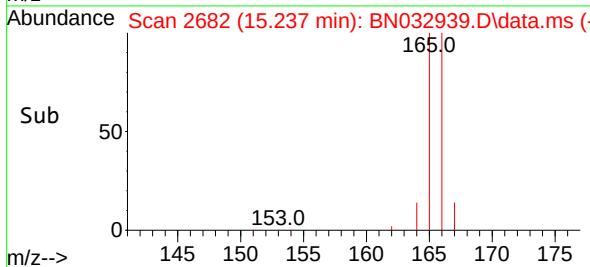
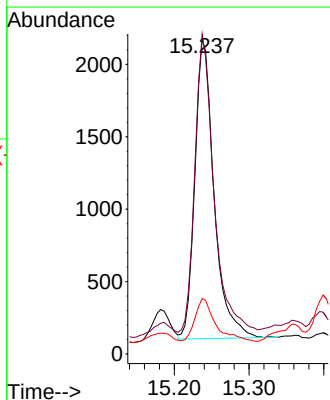
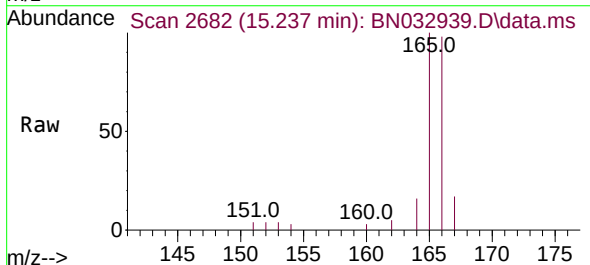
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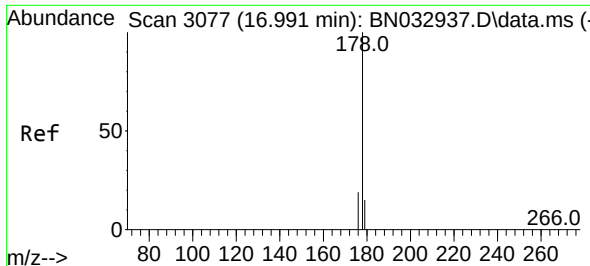
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.237 min Scan# 2682
Delta R.T. -0.023 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

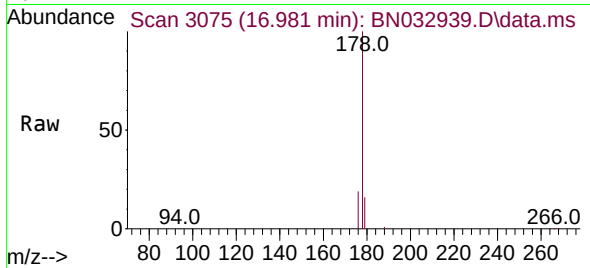
Tgt Ion:166 Resp: 3698
Ion Ratio Lower Upper
166 100
165 101.7 79.7 119.5
167 17.6 11.4 17.2#





#15
Phenanthrene
Concen: 1.397 ng/uI
RT: 16.981 min Scan# 3075
Delta R.T. -0.021 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

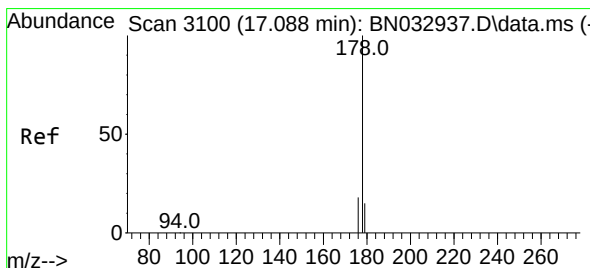
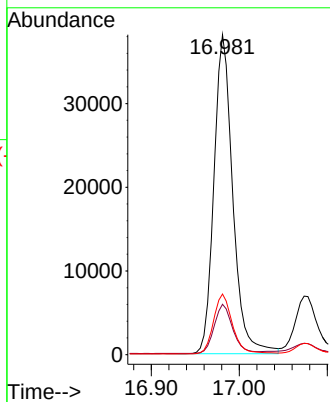
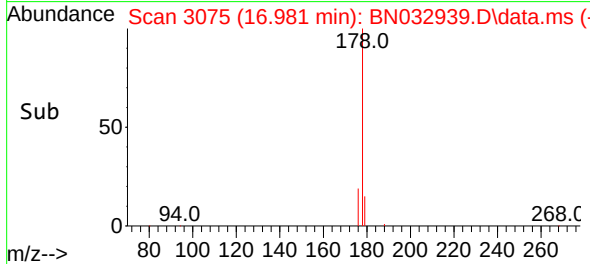
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:178 Resp: 5681
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.0 15.6 23.4

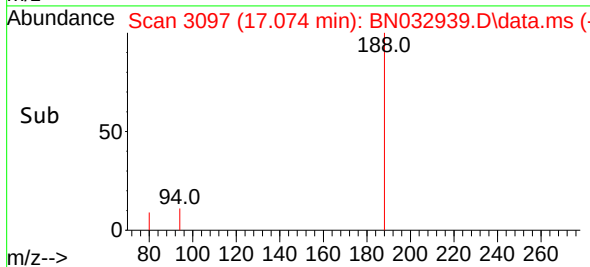
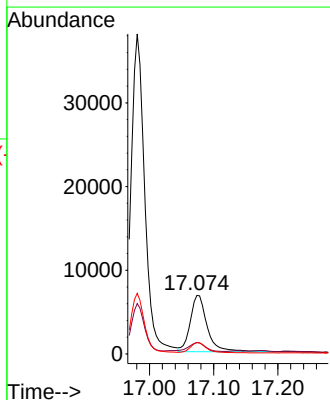
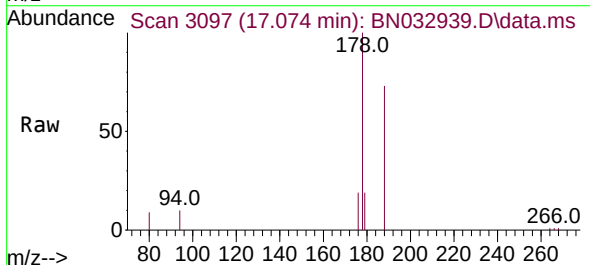
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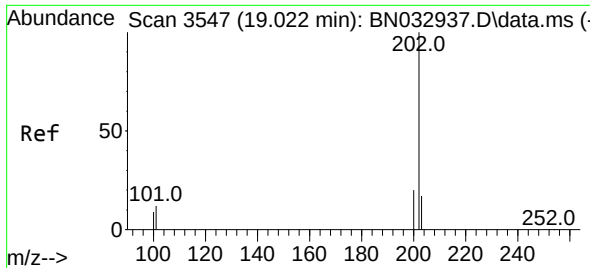
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 0.373 ng/uI
RT: 17.074 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

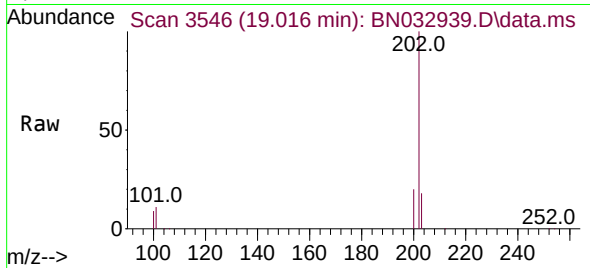
Tgt Ion:178 Resp: 12376
Ion Ratio Lower Upper
178 100
179 19.3 13.4 20.2
176 19.4 15.4 23.0





#19
Fluoranthene
Concen: 1.607 ng/u1
RT: 19.016 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

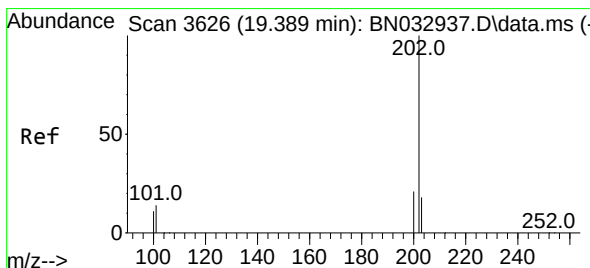
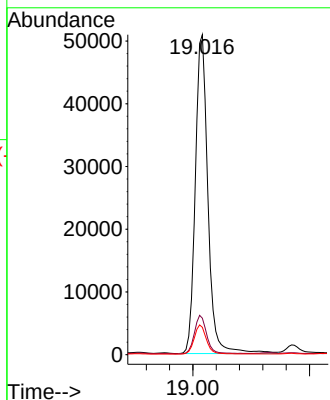
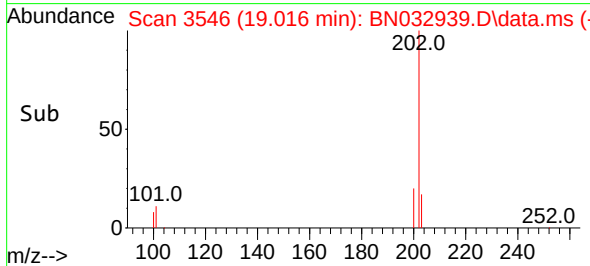
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:202 Resp: 76429
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

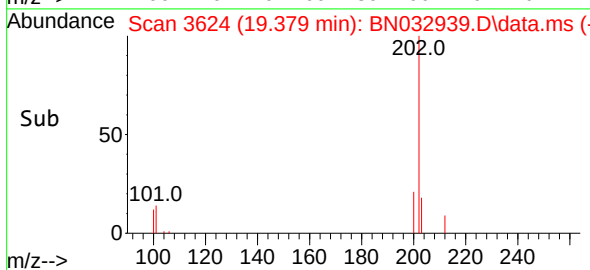
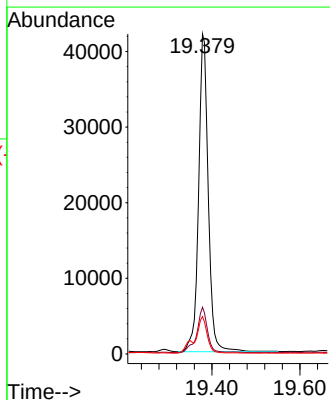
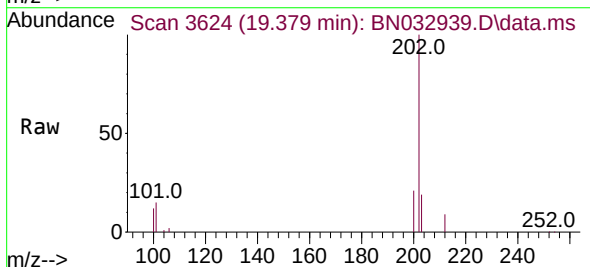
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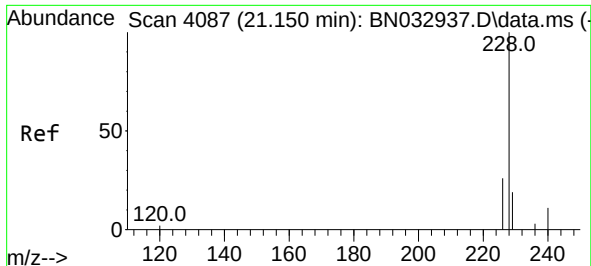
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.303 ng/u1
RT: 19.379 min Scan# 3624
Delta R.T. -0.014 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

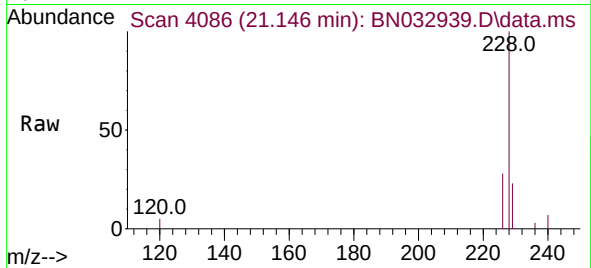
Tgt Ion:202 Resp: 64154
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.998 ng/u1
RT: 21.146 min Scan# 4087
Delta R.T. -0.004 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

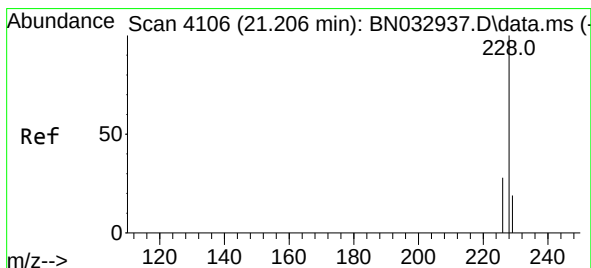
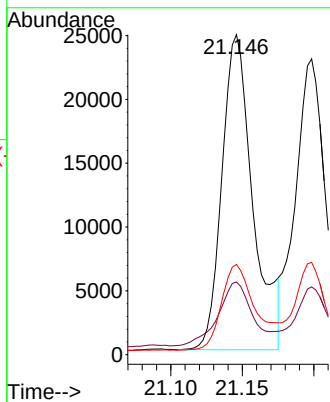
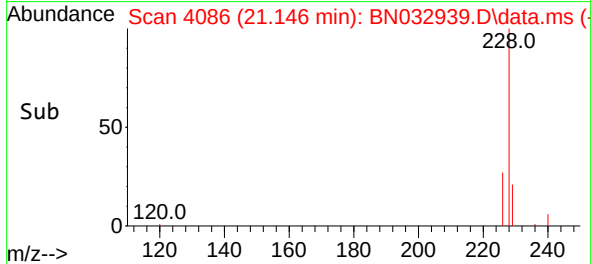
Instrument :
BNA_N
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A4CJ6DL



Tgt Ion:228 Resp: 3716
Ion Ratio Lower Upper
228 100
229 22.7 16.1 24.1
226 28.2 21.9 32.9

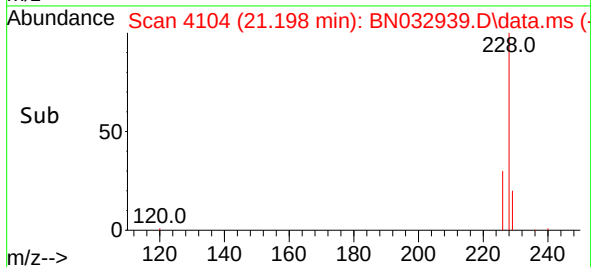
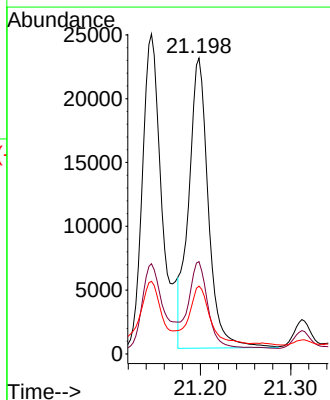
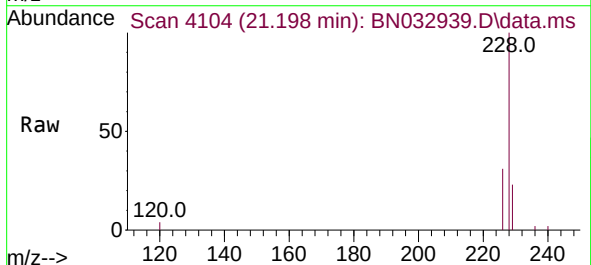
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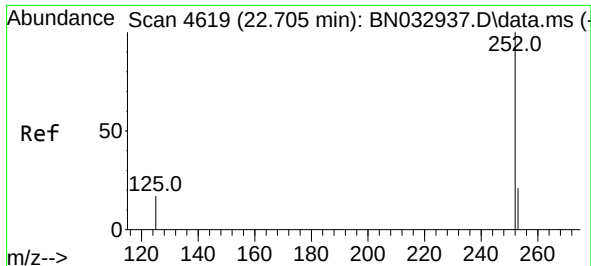
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.639 ng/u1
RT: 21.198 min Scan# 4104
Delta R.T. -0.004 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

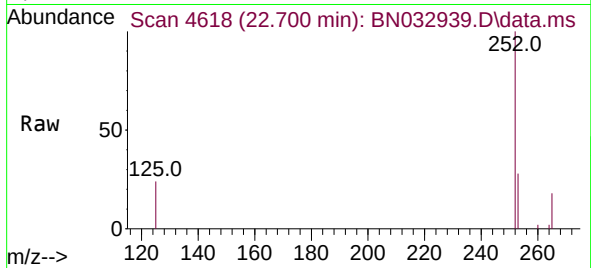
Tgt Ion:228 Resp: 34429
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.867 ng/ul m
RT: 22.700 min Scan# 4618
Delta R.T. 0.001 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

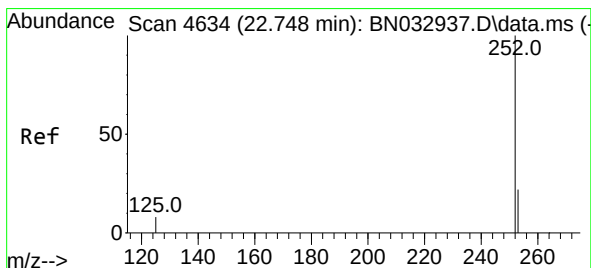
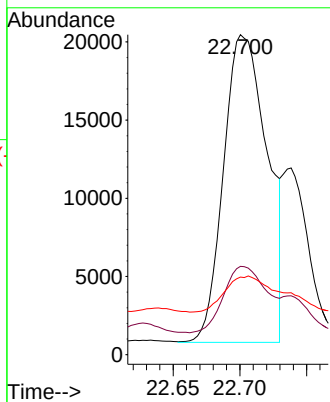
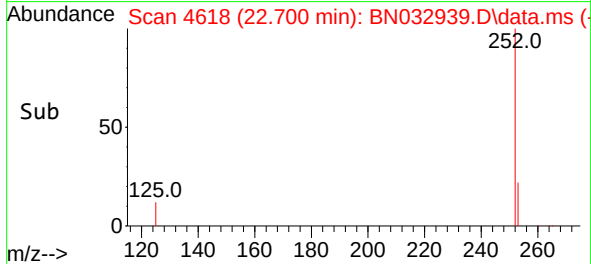
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:252 Resp: 4482
Ion Ratio Lower Upper
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253 27.6 0.0 54.0
125 24.3 0.0 36.0

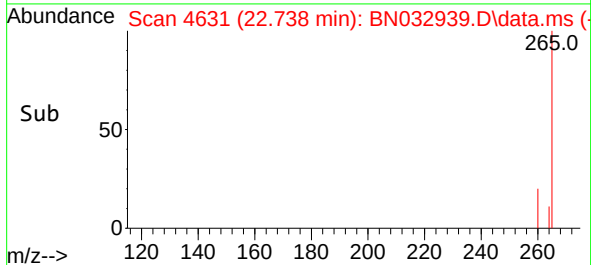
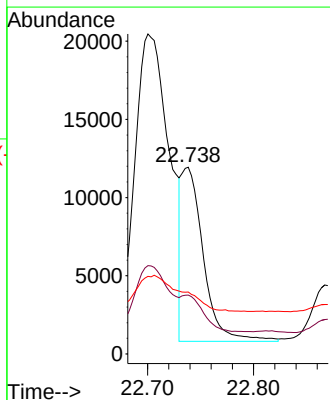
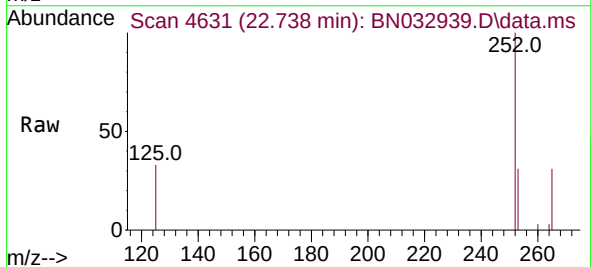
Manual Integrations
APPROVED

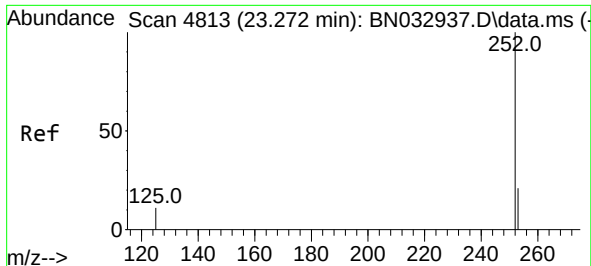
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul m
RT: 22.738 min Scan# 4631
Delta R.T. -0.002 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

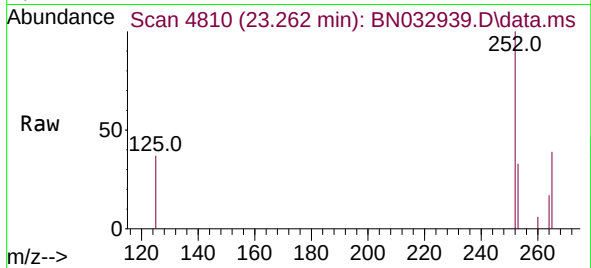
Tgt Ion:252 Resp: 15931
Ion Ratio Lower Upper
252 100
253 31.5 21.2 31.8
125 33.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.262 min Scan# 4813
Delta R.T. -0.002 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

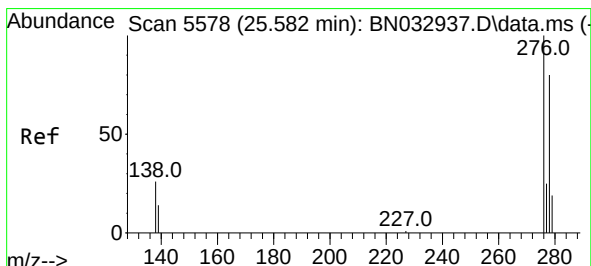
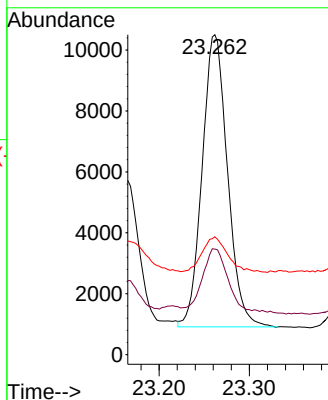
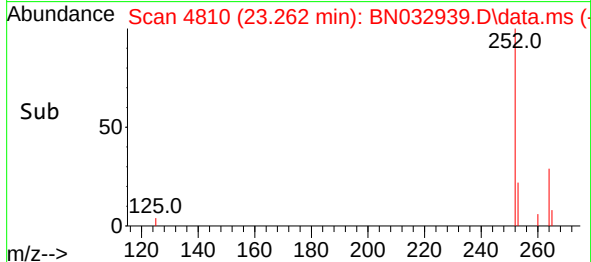
Instrument :
BNA_N
ClientSampleId :
A4CJ6DL



Tgt Ion:252 Resp: 18735
Ion Ratio Lower Upper
252 100
253 33.0 25.4 38.0
125 36.8 20.6 30.8

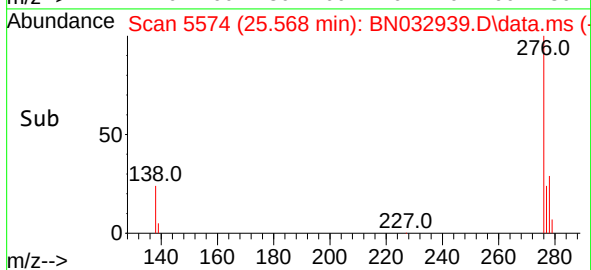
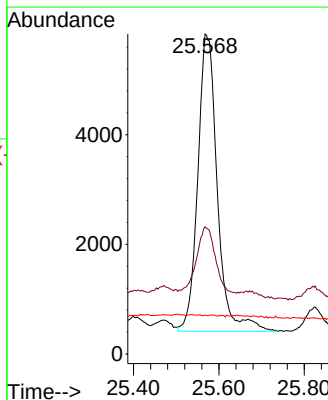
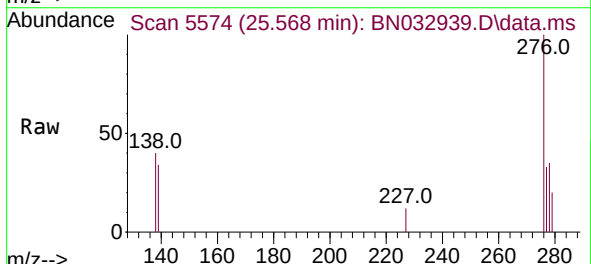
Manual Integrations
APPROVED

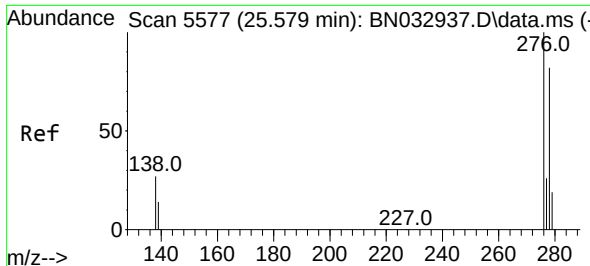
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 25.568 min Scan# 5574
Delta R.T. -0.002 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

Tgt Ion:276 Resp: 17174
Ion Ratio Lower Upper
276 100
138 28.5 21.6 32.4
227 0.0 0.0 0.0





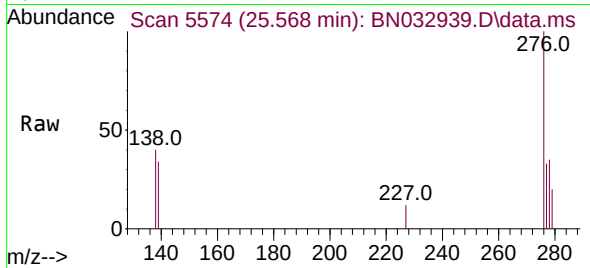
#28
Dibenzo(a,h)anthracene
Concen: 0.118 ng/ul
RT: 25.568 min Scan# 555
Delta R.T. -0.002 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22

Instrument :

BNA_N

ClientSampleId :

A4CJ6DL



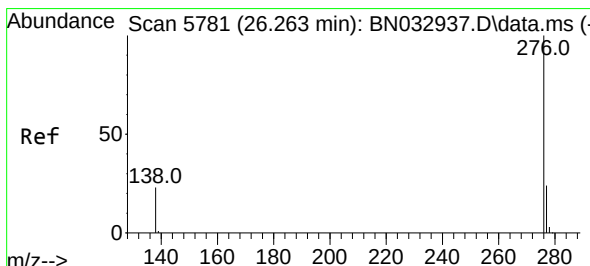
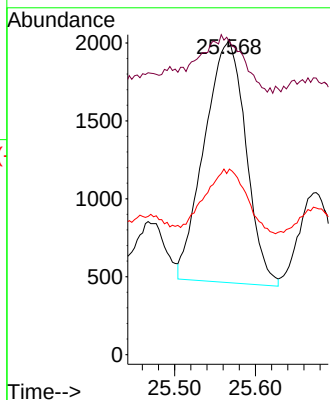
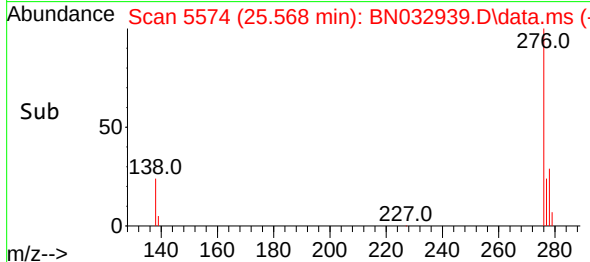
Tgt Ion:278 Resp: 555
Ion Ratio Lower Upper
278 100
139 99.5 16.6 24.8#
279 58.9 23.7 35.5#

Manual Integrations

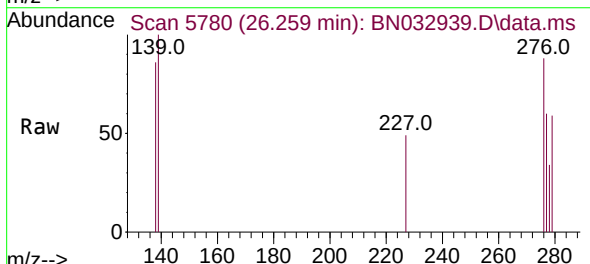
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.259 min Scan# 5780
Delta R.T. 0.009 min
Lab File: BN032939.D
Acq: 24 Jul 2024 09:22



Tgt Ion:276 Resp: 2250
Ion Ratio Lower Upper
276 100
138 97.6 21.0 31.4#
277 68.6 20.6 31.0#

