

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032941.D
 Acq On : 24 Jul 2024 10:34
 Operator : MA/JU
 Sample : P3215-13DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D26DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 12:25:54 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	5199	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	18609	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.175	164	11138	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	17671	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	13833	0.400	ng/ul	# 0.00
23) Perylene-d12	23.351	264	16470m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	4265	0.683	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	1596	0.057	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	2311	0.051	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.338	128	16327	0.327	ng/ul	99
7) 2-Methylnaphthalene	11.966	142	15072	0.483	ng/ul	96
8) 1-Methylnaphthalene	12.186	142	15492	0.480	ng/ul	100
10) Acenaphthylene	13.892	152	10399	0.231	ng/ul#	91
11) Acenaphthene	14.235	153	2292	0.062	ng/ul	95
12) Fluorene	15.234	166	2322m	0.055	ng/ul	
15) Phenanthrene	16.978	178	83981	1.745	ng/ul	99
16) Anthracene	17.071	178	10368	0.264	ng/ul#	95
19) Fluoranthene	19.013	202	124009	2.205	ng/ul	99
20) Pyrene	19.380	202	72739	1.249	ng/ul	98
21) Benzo(a)anthracene	21.139	228	55865	1.269	ng/ul#	90
22) Chrysene	21.191	228	88274	1.386	ng/ul#	94
24) Benzo(b)fluoranthene	22.696	252	93615m	1.611	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	30004m	0.424	ng/ul	
26) Benzo(a)pyrene	23.254	252	25039	0.498	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.559	276	27732	0.407	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.549	278	14596	0.277	ng/ul#	41
29) Benzo(g,h,i)perylene	26.243	276	4721	0.083	ng/ul#	15

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

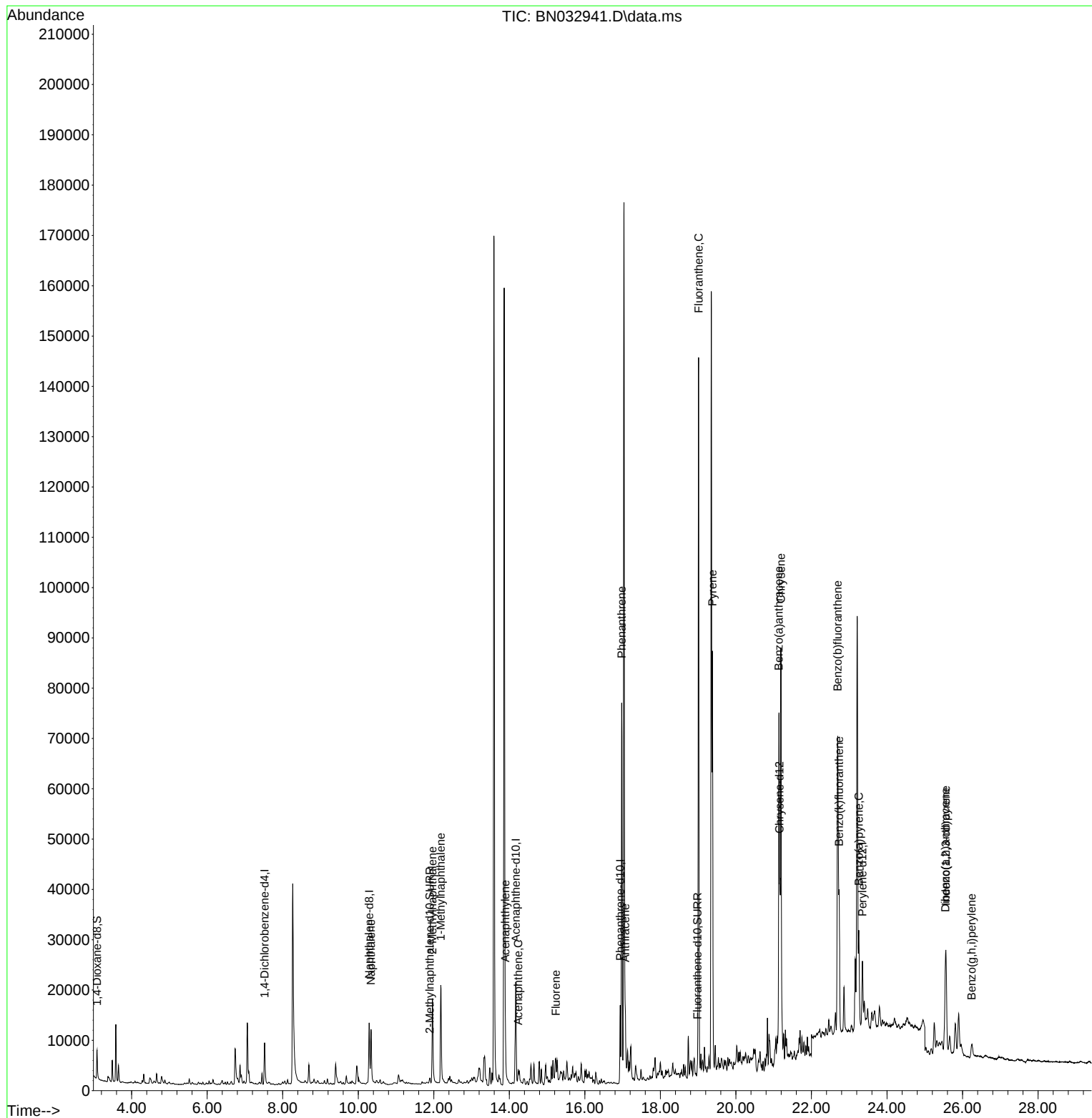
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032941.D
Acq On : 24 Jul 2024 10:34
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ALS Vial : 52 Sample Multiplier: 1

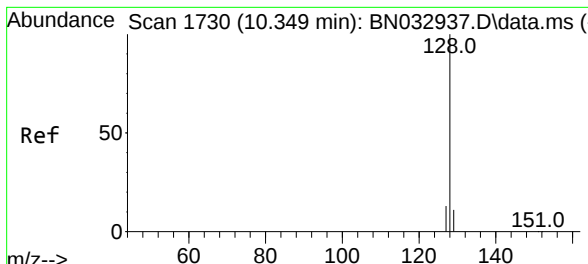
Instrument :
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ClientSampleId :
A4D26DL

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

Quant Time: Jul 24 12:25:54 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: 0.327 ng/ul
 RT: 10.338 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: BN032941.D
 Acq: 24 Jul 2024 10:34

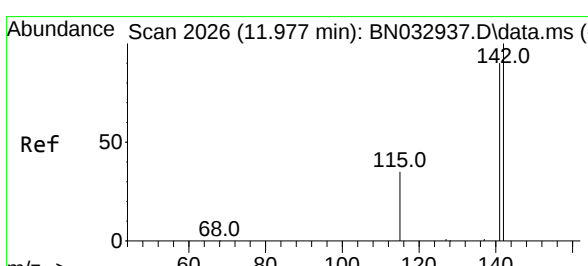
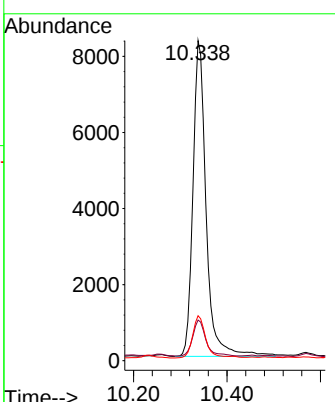
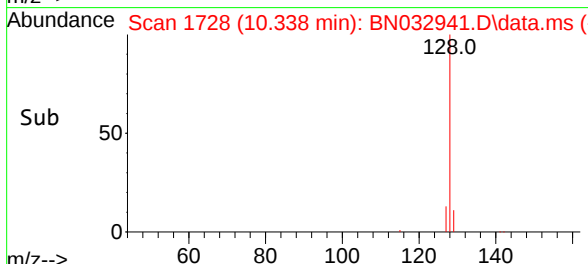
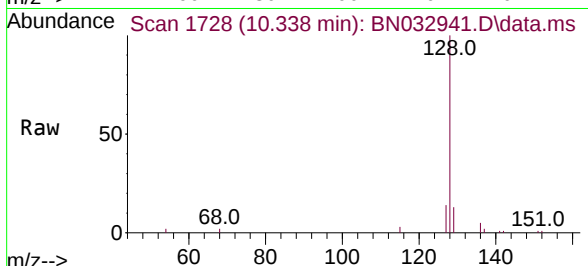
Instrument : BNA_N
 ClientSampleId : A4D26DL

Tgt Ion:128 Resp: 1632

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.0	15.0
127	14.0	11.6	17.4

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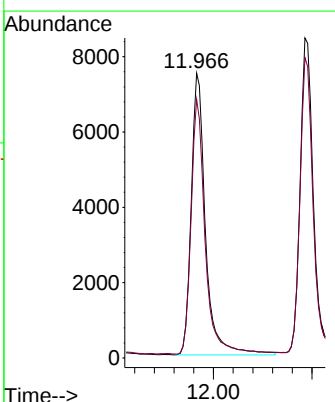
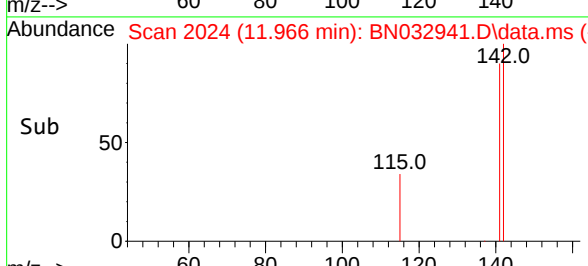
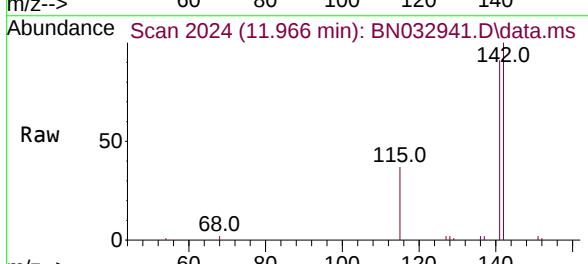
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

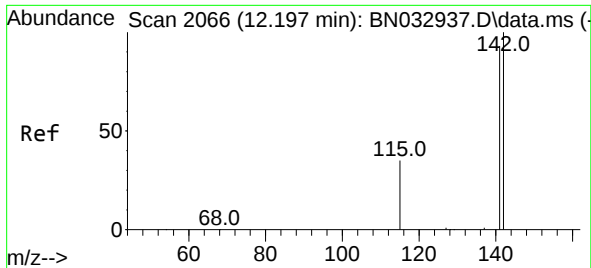


#7
 2-Methylnaphthalene
 Concen: 0.483 ng/ul
 RT: 11.966 min Scan# 2024
 Delta R.T. -0.031 min
 Lab File: BN032941.D
 Acq: 24 Jul 2024 10:34

Tgt Ion:142 Resp: 15072

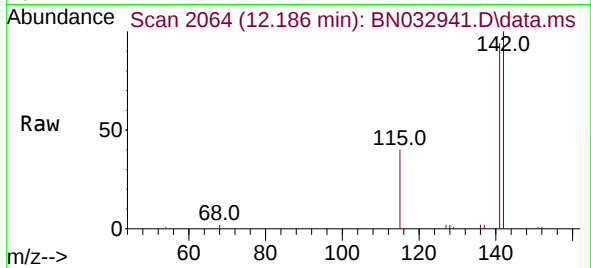
Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.480 ng/ul
RT: 12.186 min Scan# 2064
Delta R.T. -0.026 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

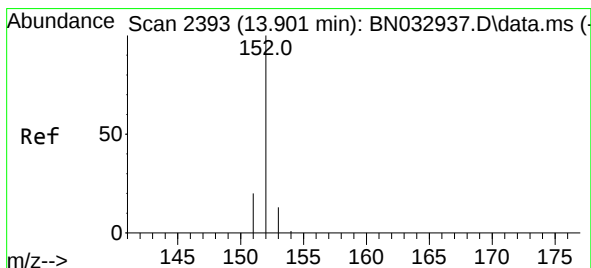
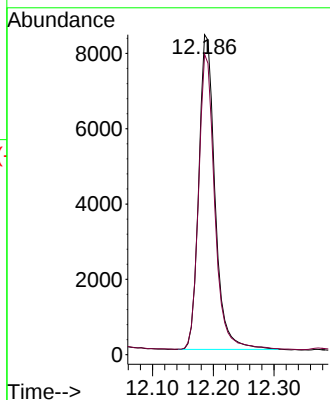
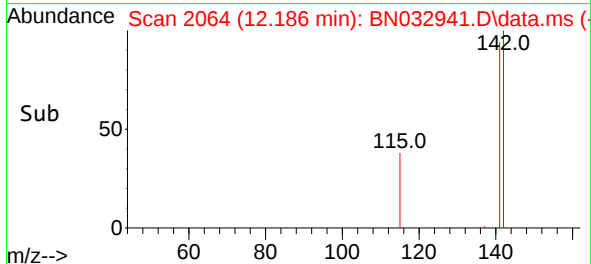
Instrument :
BNA_N
ClientSampleId :
A4D26DL



Tgt Ion:142 Resp: 15492
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

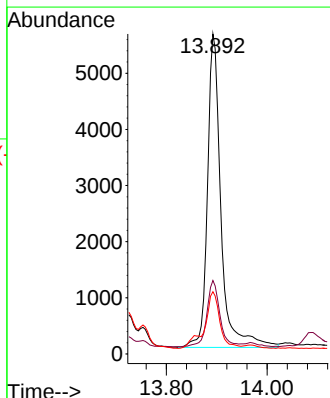
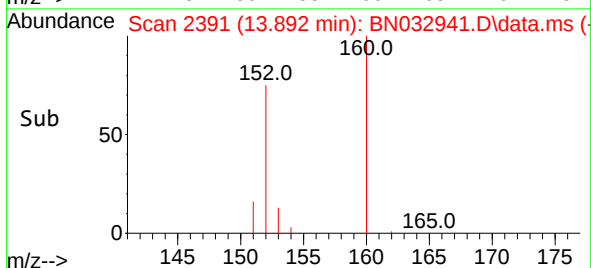
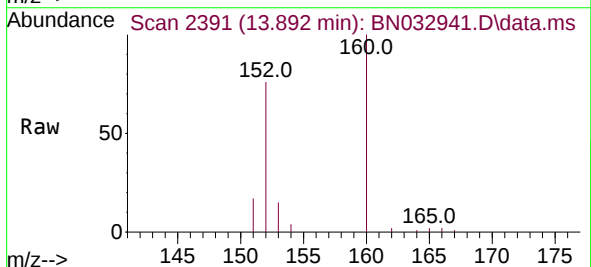
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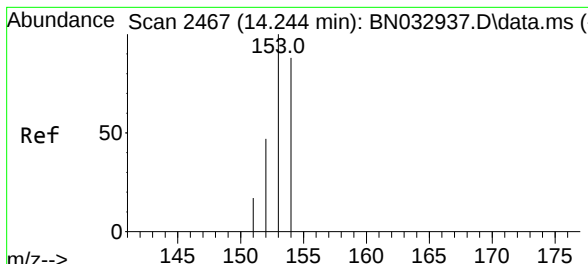
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.231 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

Tgt Ion:152 Resp: 10399
Ion Ratio Lower Upper
152 100
151 22.9 16.3 24.5
153 19.5 11.3 16.9#





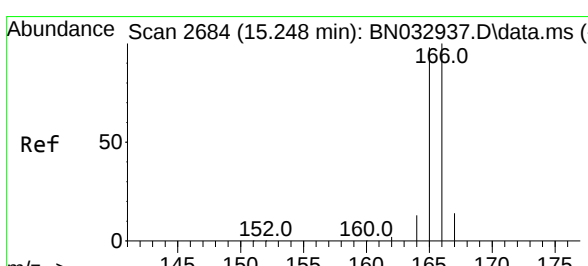
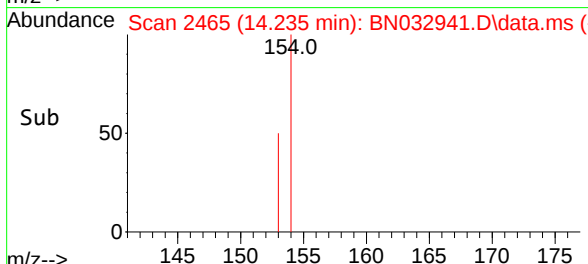
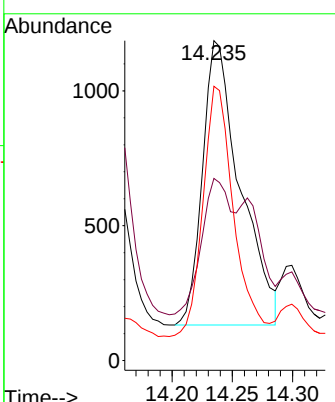
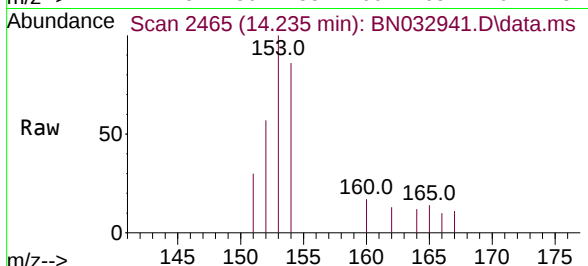
#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.235 min Scan# 2467
Delta R.T. -0.017 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

Instrument : BNA_N
ClientSampleId : A4D26DL

Tgt Ion:153 Resp: 2292

Ion	Ratio	Lower	Upper
153	100		
152	56.9	40.0	60.0
154	85.8	70.2	105.4

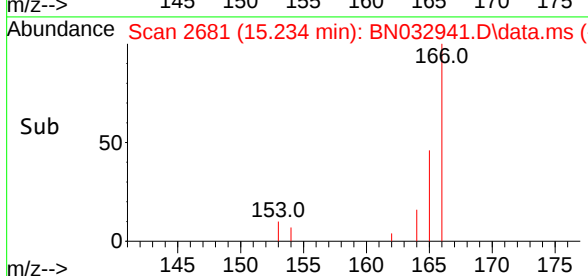
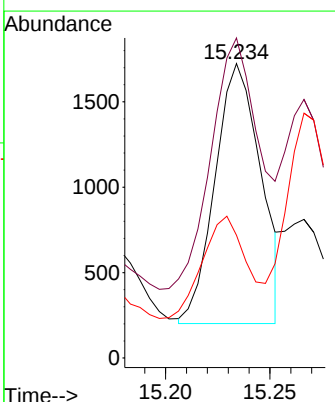
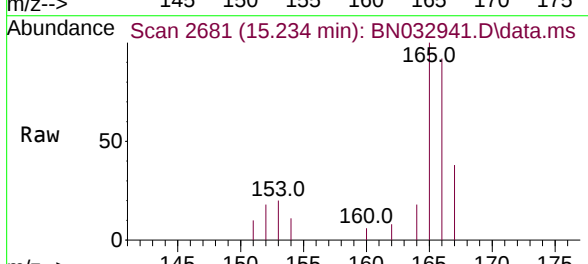
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

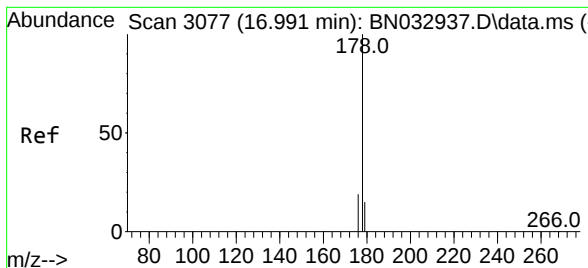


#12
Fluorene
Concen: 0.055 ng/ul m
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

Tgt Ion:166 Resp: 2322

Ion	Ratio	Lower	Upper
166	100		
165	108.7	79.7	119.5
167	41.7	11.4	17.2





#15

Phenanthrene

Concen: 1.745 ng/ul

RT: 16.978 min Scan# 3074

Delta R.T. -0.024 min

Lab File: BN032941.D

Acq: 24 Jul 2024 10:34

Instrument :

BNA_N

ClientSampleId :

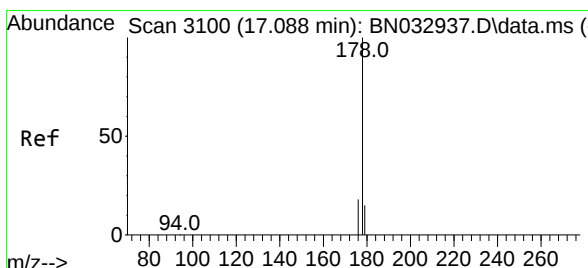
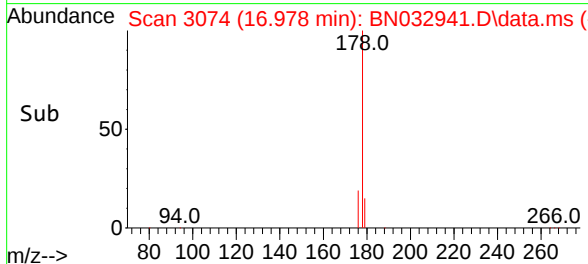
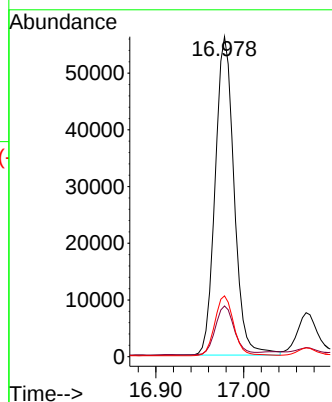
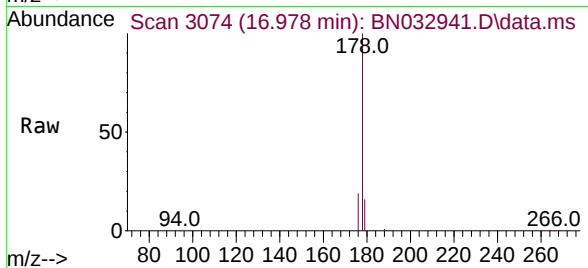
A4D26DL

Tgt Ion:	178	Resp:	8398
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.4
176	19.0	15.6	23.4

Manual Integrations

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



#16

Anthracene

Concen: 0.264 ng/ul

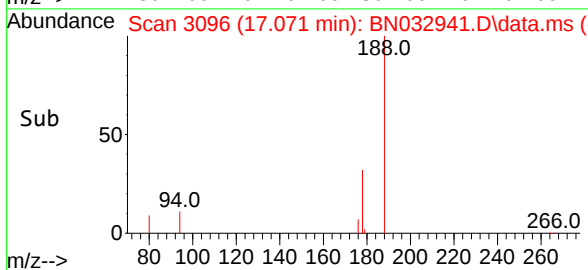
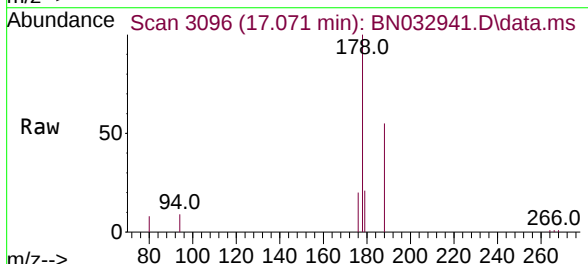
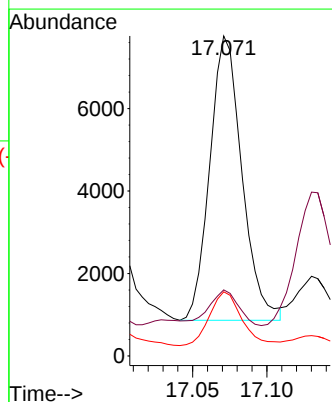
RT: 17.071 min Scan# 3096

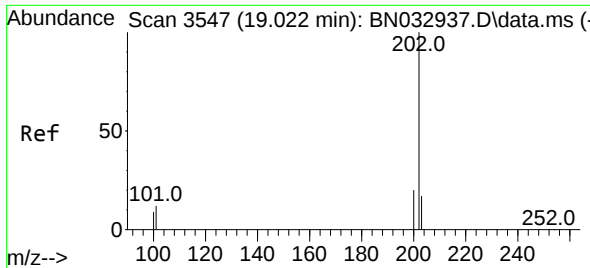
Delta R.T. -0.028 min

Lab File: BN032941.D

Acq: 24 Jul 2024 10:34

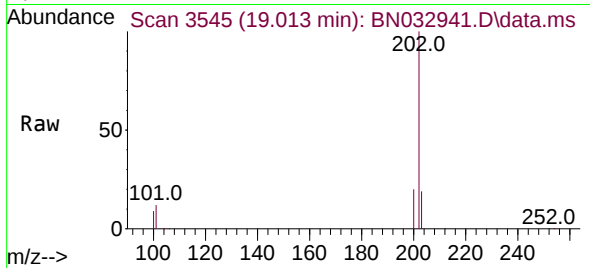
Tgt Ion:	178	Resp:	10368
Ion Ratio	Lower	Upper	
178	100		
179	20.7	13.4	20.2#
176	20.1	15.4	23.0





#19
Fluoranthene
Concen: 2.205 ng/u1
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

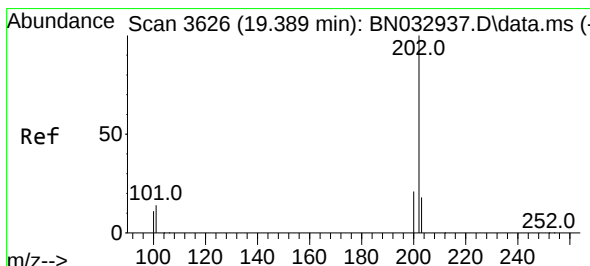
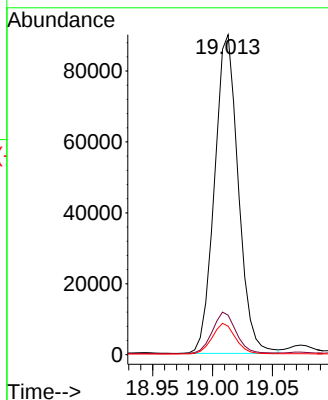
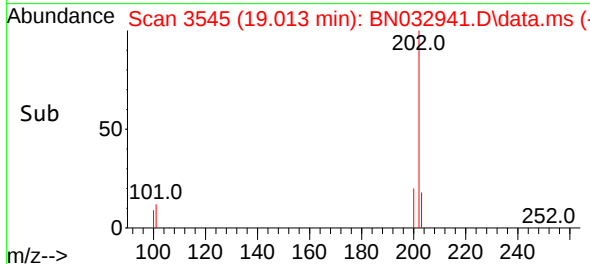
Instrument :
BNA_N
ClientSampleId :
A4D26DL



Tgt Ion:202 Resp: 124009
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 8.9 7.9 11.9

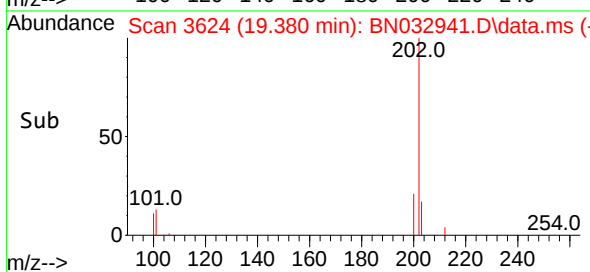
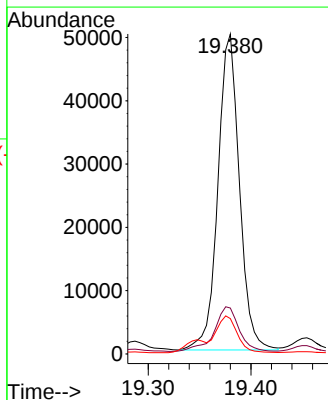
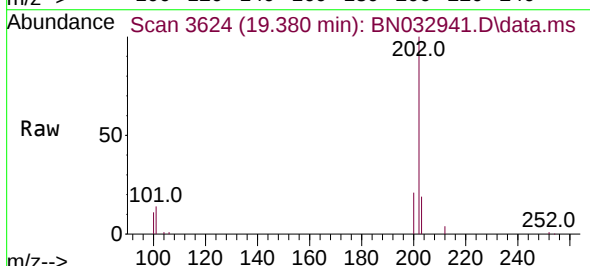
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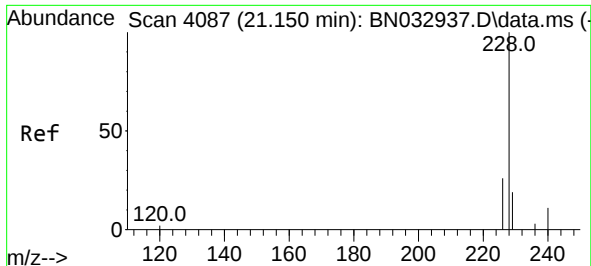
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.249 ng/u1
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

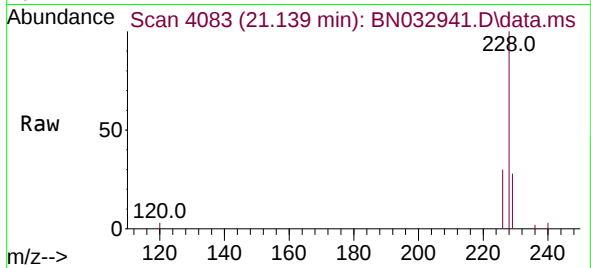
Tgt Ion:202 Resp: 72739
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.269 ng/ul
RT: 21.139 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

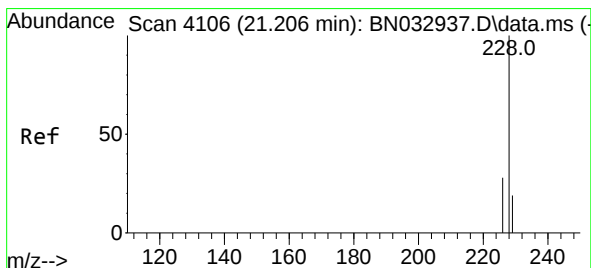
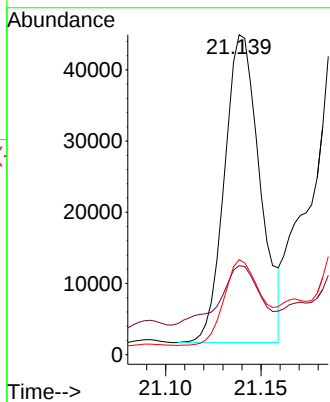
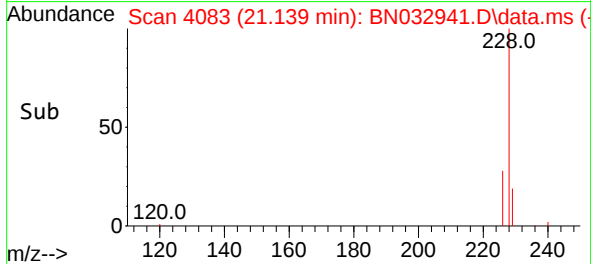
Instrument :
BNA_N
ClientSampleId :
A4D26DL



Tgt Ion:228 Resp: 5586
Ion Ratio Lower Upper
228 100
229 27.8 16.1 24.1
226 29.7 21.9 32.9

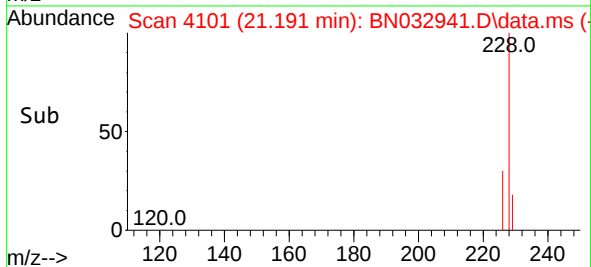
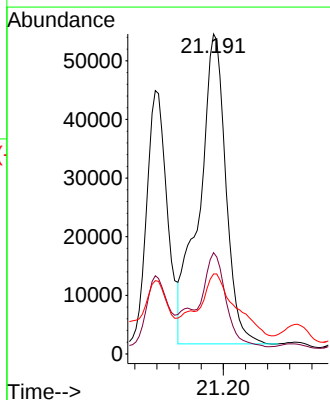
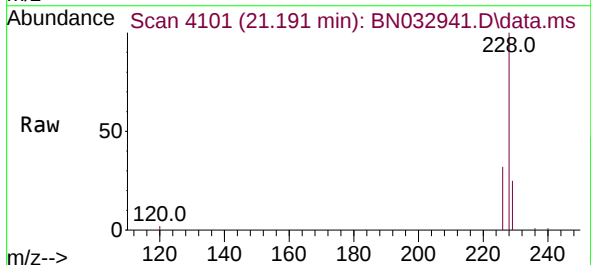
Manual Integrations
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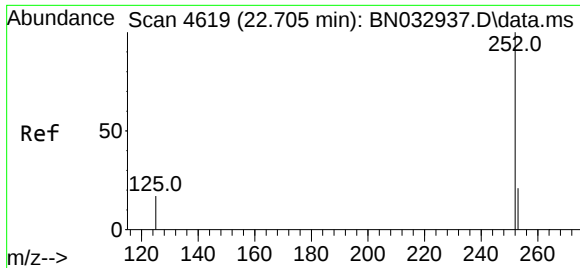
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.386 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

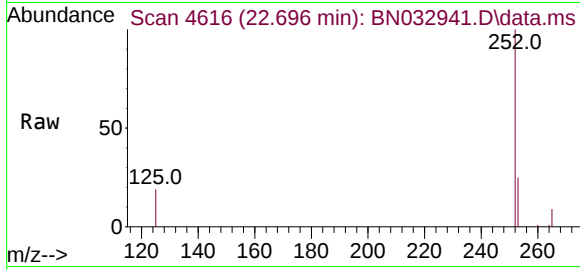
Tgt Ion:228 Resp: 88274
Ion Ratio Lower Upper
228 100
226 31.6 24.0 36.0
229 25.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.611 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

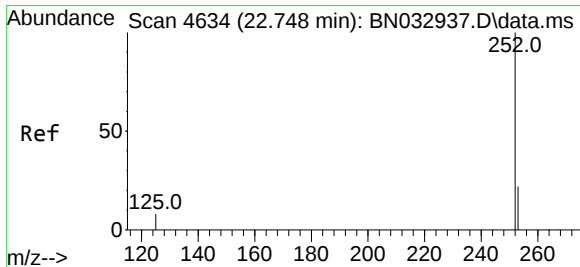
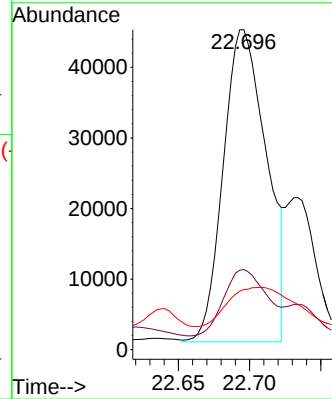
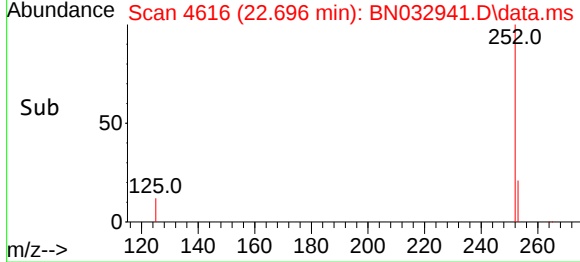
Instrument :
BNA_N
ClientSampleId :
A4D26DL



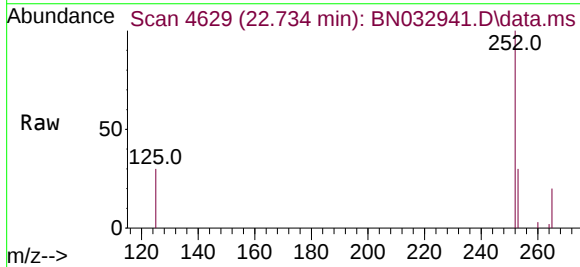
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Ion Ratio Lower Upper
252 100
253 25.0 0.0 54.0
125 18.8 0.0 36.0

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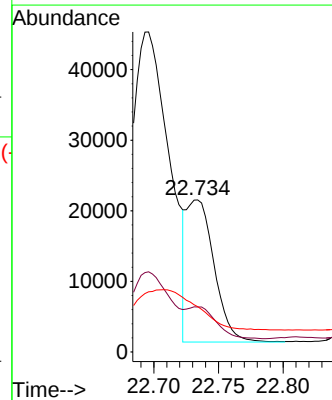
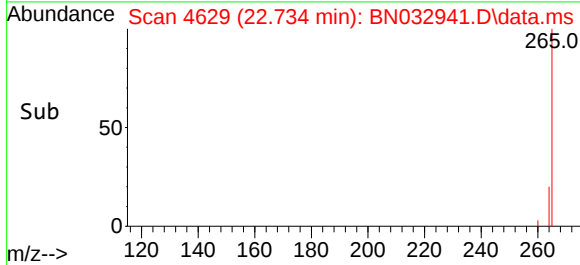
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

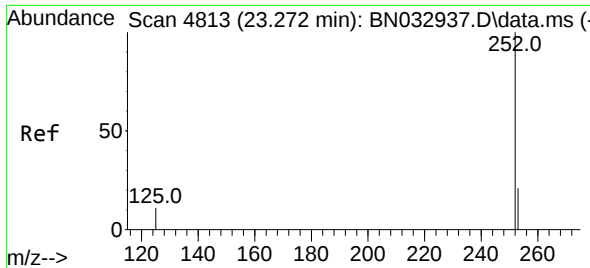


#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34



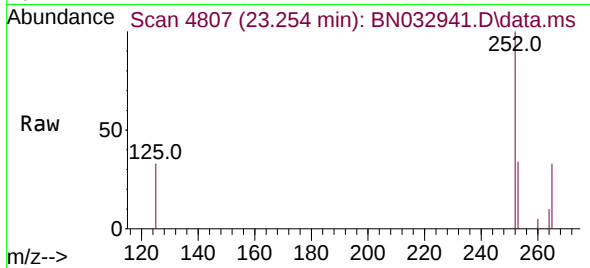
Tgt Ion:252 Resp: 30004
Ion Ratio Lower Upper
252 100
253 29.5 21.2 31.8
125 29.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.498 ng/ul
RT: 23.254 min Scan# 4813
Delta R.T. -0.009 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

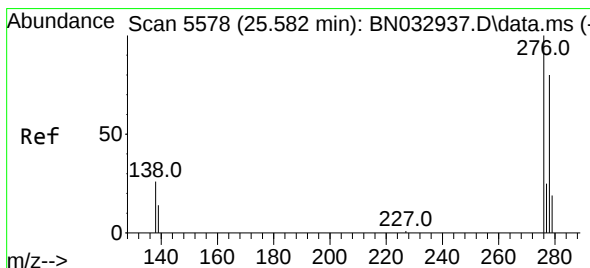
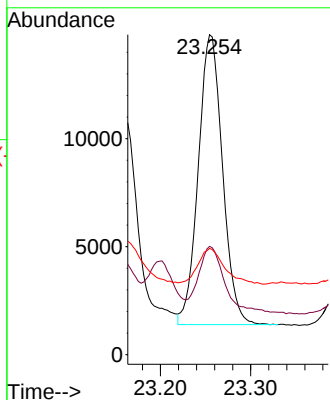
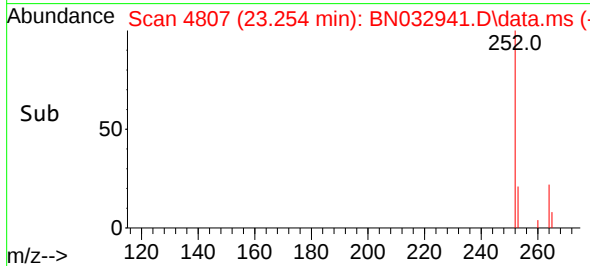
Instrument :
BNA_N
ClientSampleId :
A4D26DL



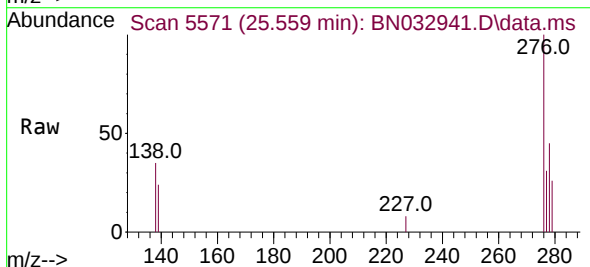
Tgt Ion:252 Resp: 25039
Ion Ratio Lower Upper
252 100
253 33.9 25.4 38.0
125 33.2 20.6 30.8

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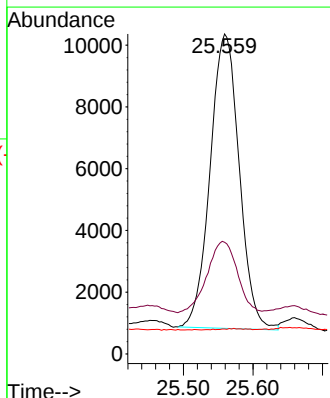
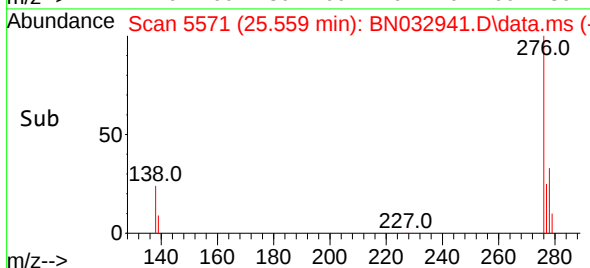
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

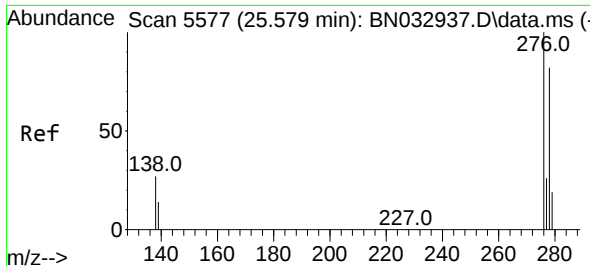


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.010 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34



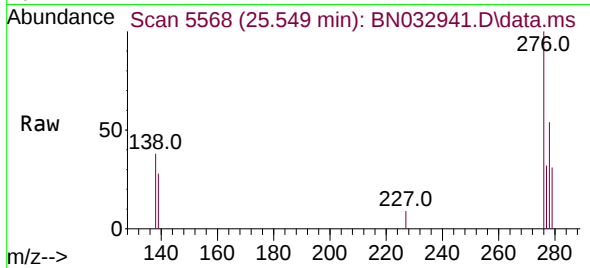
Tgt Ion:276 Resp: 27732
Ion Ratio Lower Upper
276 100
138 26.7 21.6 32.4
227 0.4 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 25.549 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34

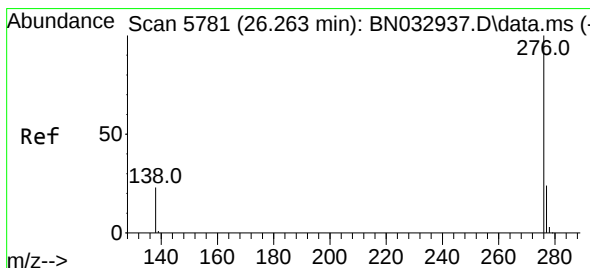
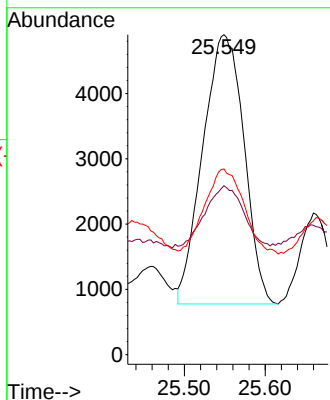
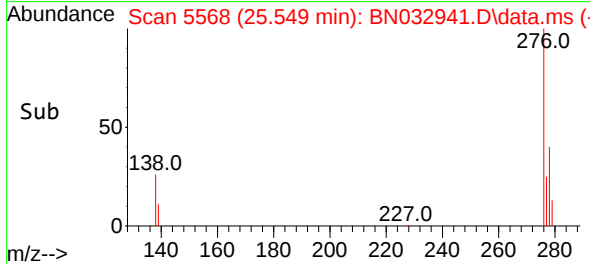
Instrument :
BNA_N
ClientSampleId :
A4D26DL



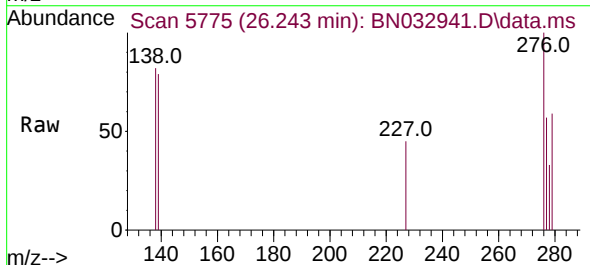
Tgt Ion:278 Resp: 14590
Ion Ratio Lower Upper
278 100
139 52.8 16.6 24.8#
279 58.1 23.7 35.5#

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Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.083 ng/ul
RT: 26.243 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BN032941.D
Acq: 24 Jul 2024 10:34



Tgt Ion:276 Resp: 4721
Ion Ratio Lower Upper
276 100
138 81.7 21.0 31.4#
277 56.9 20.6 31.0#

