

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032639.D
 Acq On : 11 Jul 2024 17:08
 Operator : MA/JU
 Sample : P3102-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:18 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	5749	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.332	136	19903	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	12100	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	25407	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	15187	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	17954	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2002	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	7543	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	15917	0.322	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.139	88	5965	0.759	ng/ul#	90
5) Naphthalene	10.382	128	30433	0.569	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	17726	0.531	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	16497	0.478	ng/ul	99
10) Acenaphthylene	13.924	152	43926	0.899	ng/ul	99
11) Acenaphthene	14.267	153	33577	0.831	ng/ul	99
12) Fluorene	15.261	166	43746	0.947	ng/ul	98
14) Pentachlorophenol	16.632	266	3300	0.740	ng/ul	98
15) Phenanthrene	17.003	178	626906	9.060	ng/ul	98
16) Anthracene	17.096	178	130606	2.310	ng/ul	99
19) Fluoranthene	19.031	202	1122926	18.186	ng/ul	97
20) Pyrene	19.398	202	706548	11.055	ng/ul	97
21) Benzo(a)anthracene	21.159	228	425156	8.795	ng/ul	99
22) Chrysene	21.211	228	495535	7.086	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	616525m	9.732	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	244275m	3.164	ng/ul	
26) Benzo(a)pyrene	23.278	252	211481	3.858	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.579	276	218191	2.939	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.582	278	86276	1.499	ng/ul	97
29) Benzo(g,h,i)perylene	26.260	276	77403	1.248	ng/ul	99

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

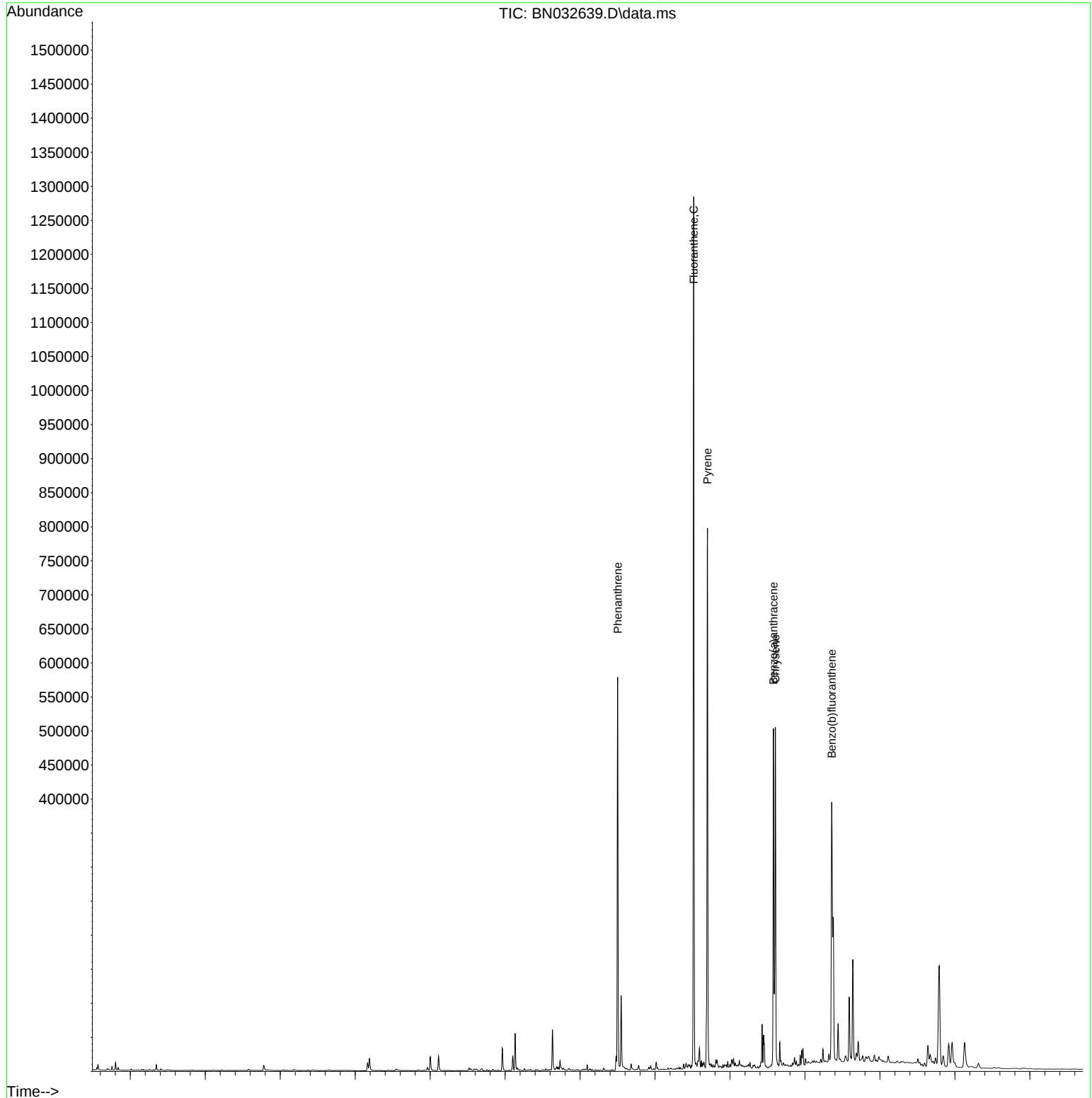
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032639.D
Acq On : 11 Jul 2024 17:08
Operator : MA/JU
Sample : P3102-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

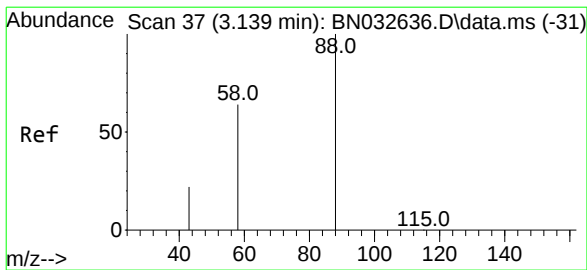
Instrument :
BNA_N
ClientSampleId :
A4CE1MS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

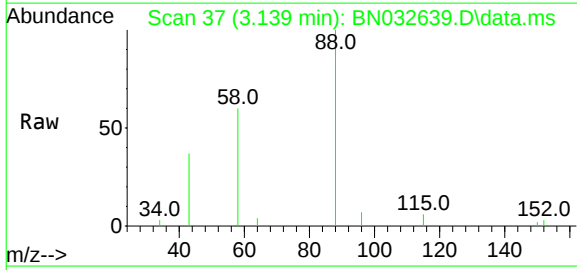
Quant Time: Jul 12 01:55:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.759 ng/u1
RT: 3.139 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

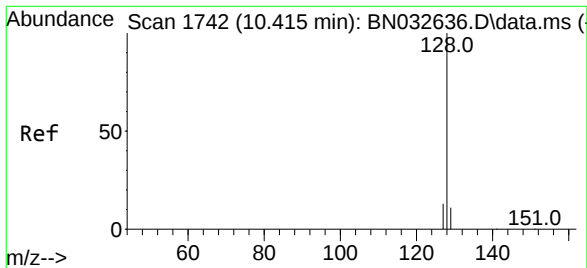
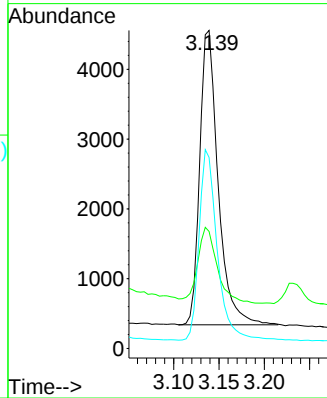
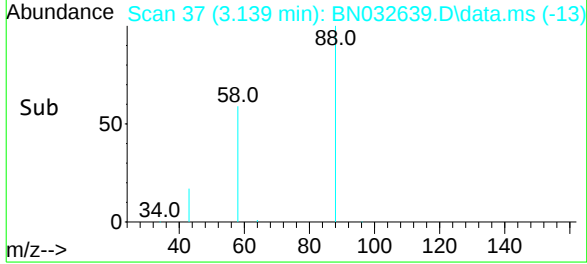
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



Tgt Ion: 88 Resp: 5965
Ion Ratio Lower Upper
88 100
43 36.8 24.0 36.0#
58 60.1 43.3 64.9

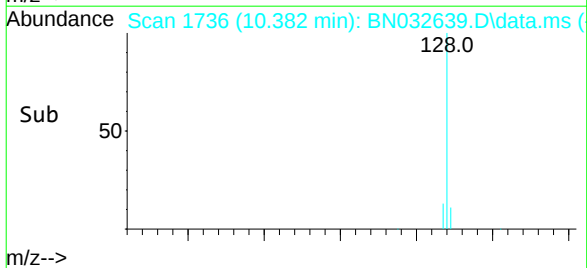
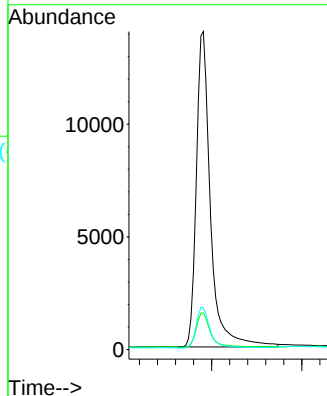
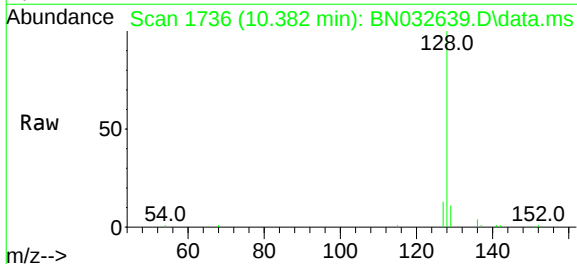
Manual Integrations
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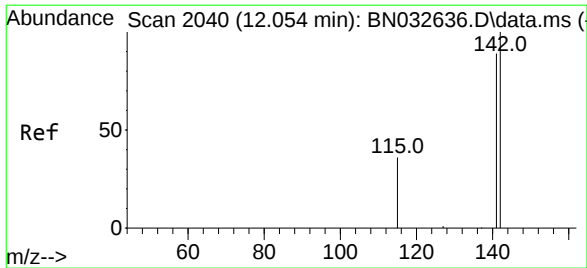
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#5
Naphthalene
Concen: 0.569 ng/u1
RT: 10.382 min Scan# 1736
Delta R.T. -0.028 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

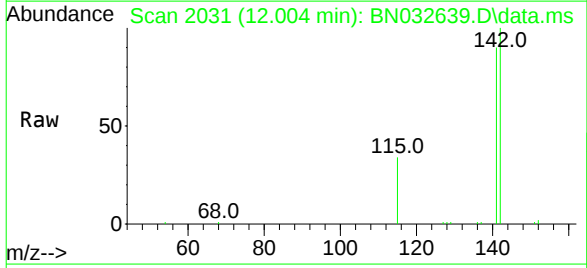
Tgt Ion:128 Resp: 30433
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.2 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.531 ng/ul
RT: 12.004 min Scan# 2070
Delta R.T. -0.044 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

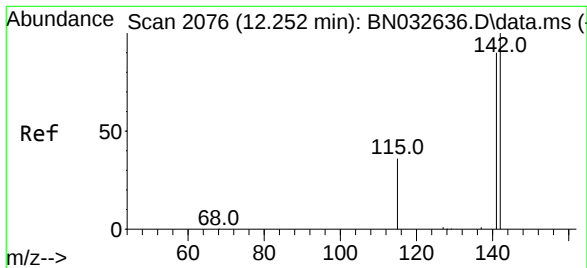
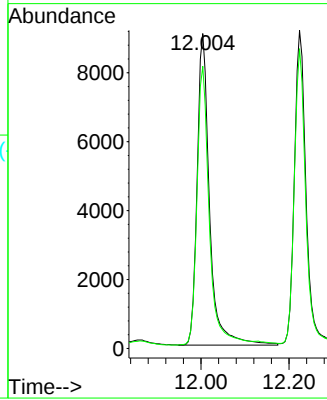
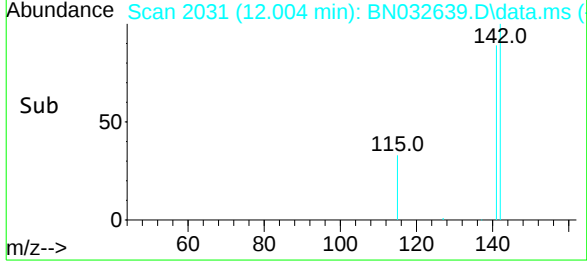
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



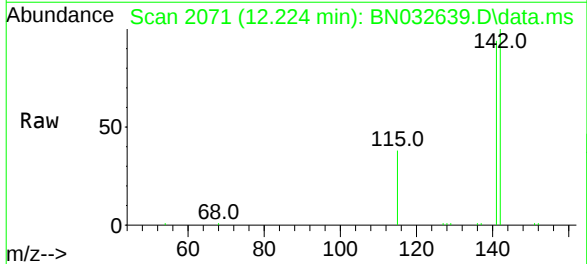
Tgt Ion:142 Resp: 17726
Ion Ratio Lower Upper
142 100
141 90.4 74.0 111.0

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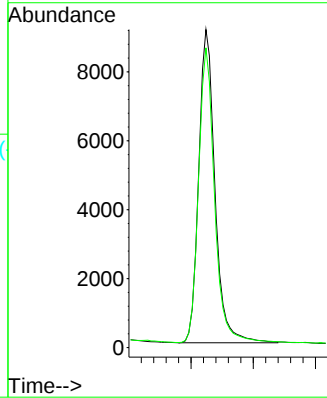
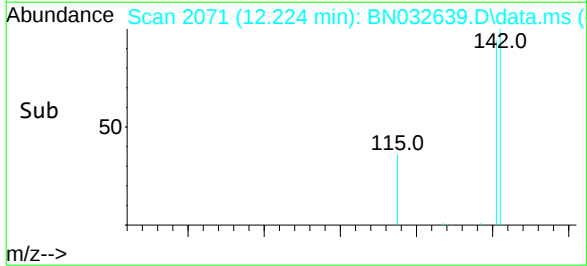
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

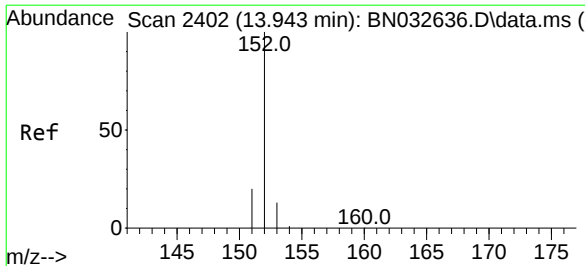


#8
1-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08



Tgt Ion:142 Resp: 16497
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4





#10

Acenaphthylene

Concen: 0.899 ng/u1

RT: 13.924 min Scan# 23

Delta R.T. -0.019 min

Lab File: BN032639.D

Acq: 11 Jul 2024 17:08

Instrument :

BNA_N

ClientSampleId :

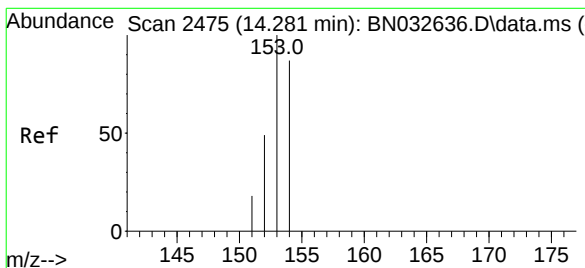
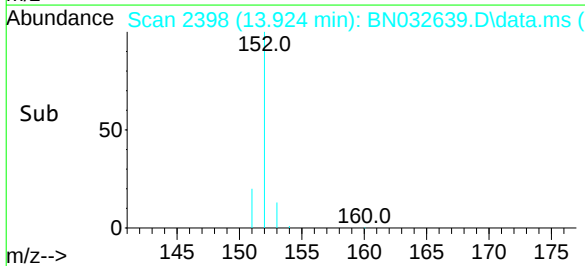
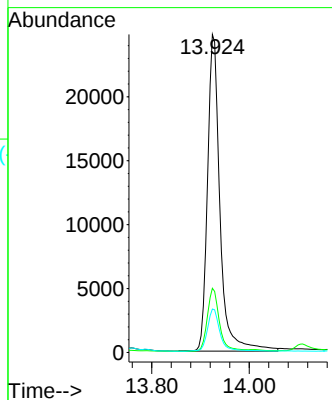
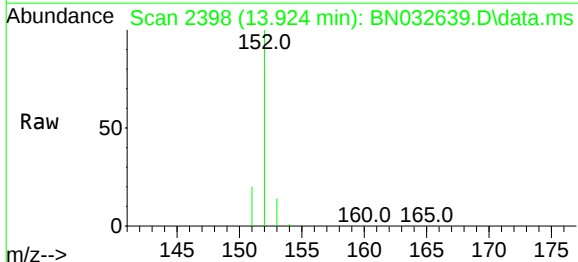
A4CE1MS

Tgt Ion:152	Resp: 43926
Ion Ratio	Lower Upper
152 100	
151 20.2	16.3 24.5
153 13.7	11.3 16.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#11

Acenaphthene

Concen: 0.831 ng/u1

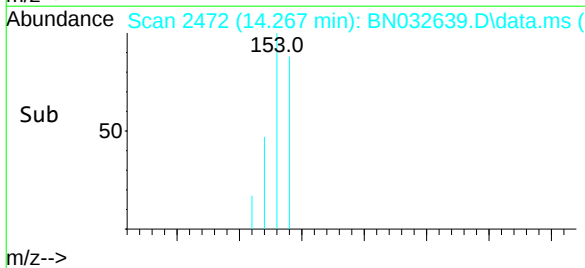
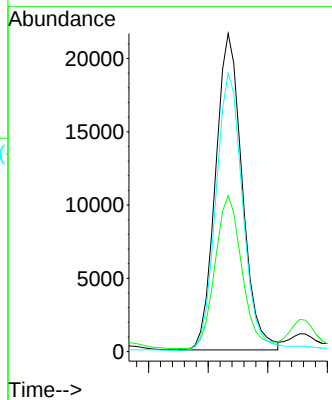
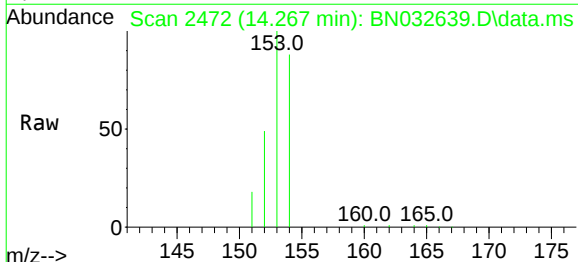
RT: 14.267 min Scan# 2472

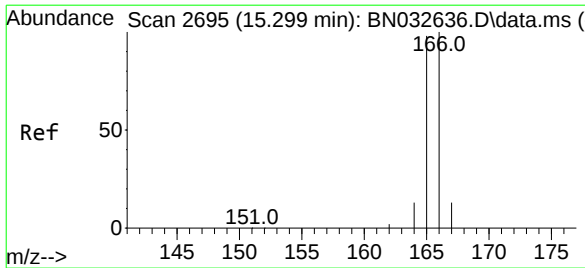
Delta R.T. -0.014 min

Lab File: BN032639.D

Acq: 11 Jul 2024 17:08

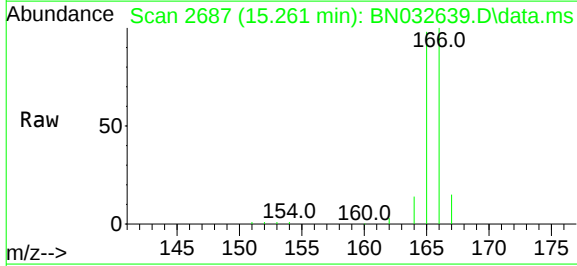
Tgt Ion:153	Resp: 33577
Ion Ratio	Lower Upper
153 100	
152 49.0	40.0 60.0
154 87.5	70.2 105.4





#12
Fluorene
Concen: 0.947 ng/u1
RT: 15.261 min Scan# 26
Delta R.T. -0.028 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

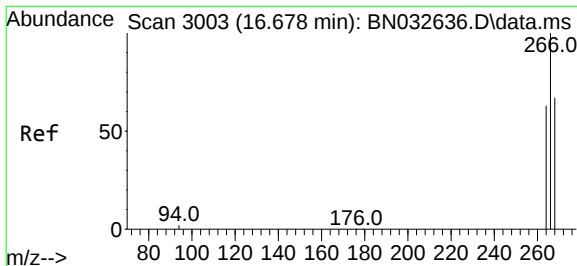
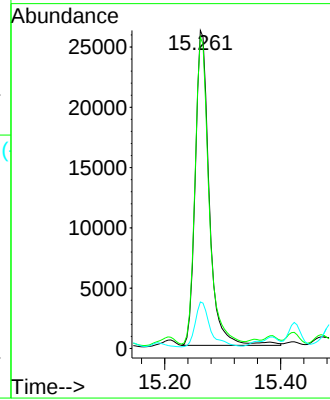
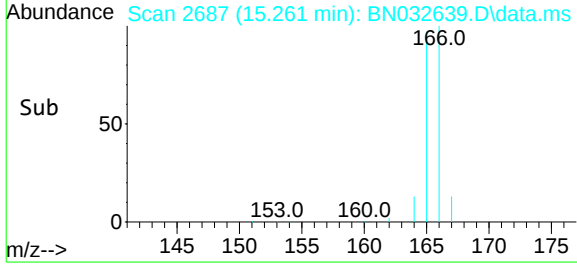
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



Tgt Ion:166 Resp: 43746
Ion Ratio Lower Upper
166 100
165 97.9 79.7 119.5
167 14.6 11.4 17.2

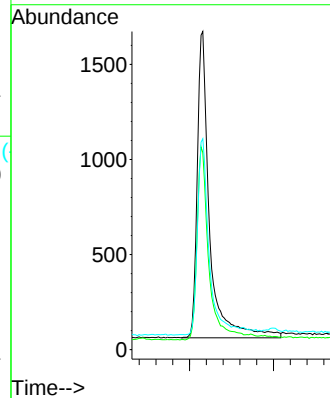
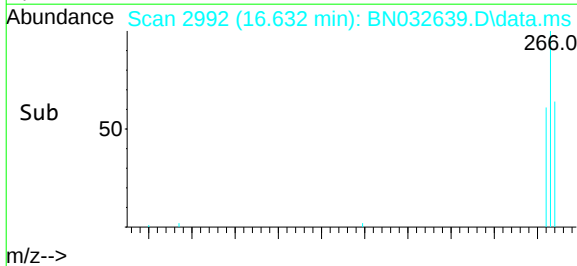
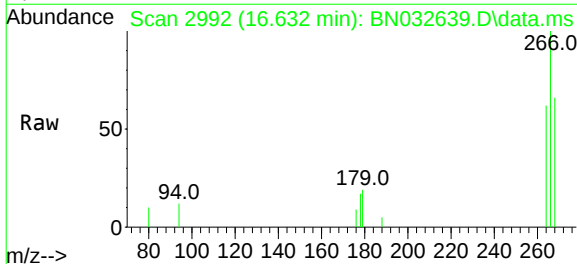
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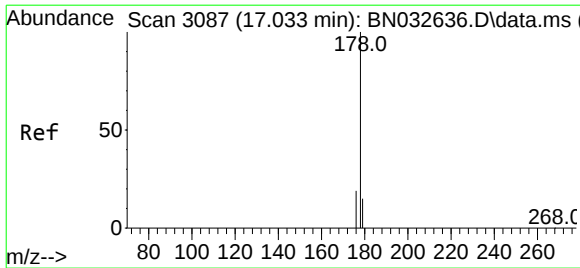
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#14
Pentachlorophenol
Concen: 0.740 ng/u1
RT: 16.632 min Scan# 2992
Delta R.T. -0.038 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

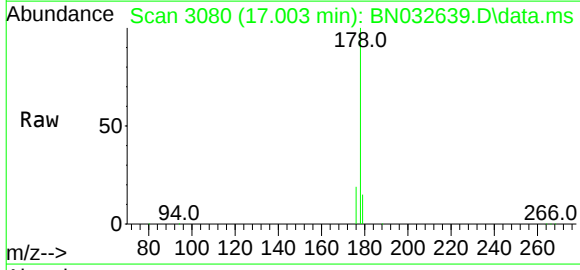
Tgt Ion:266 Resp: 3300
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.2
268 63.2 51.6 77.4





#15
Phenanthrene
Concen: 9.060 ng/u1
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

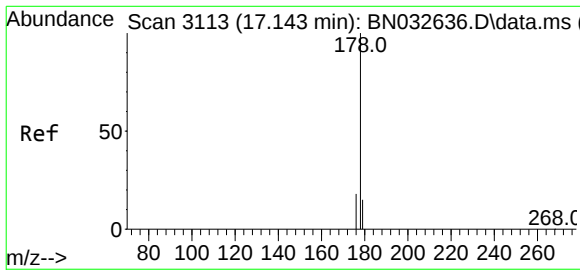
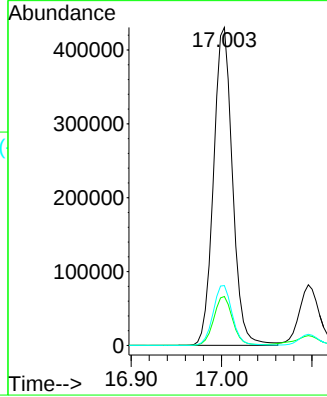
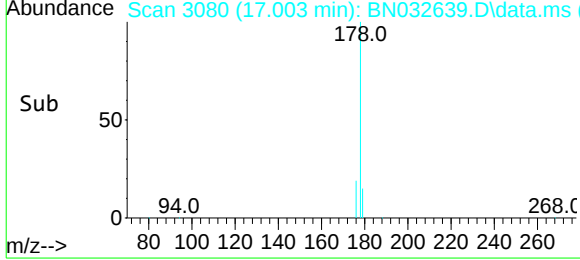
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



Tgt Ion:178 Resp: 626906
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.8 15.6 23.4

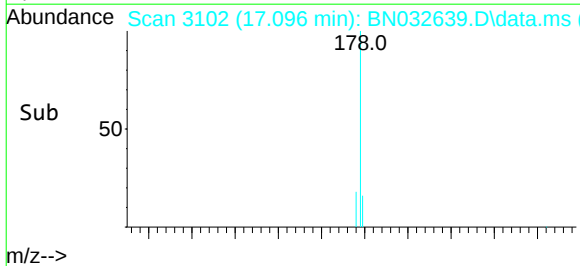
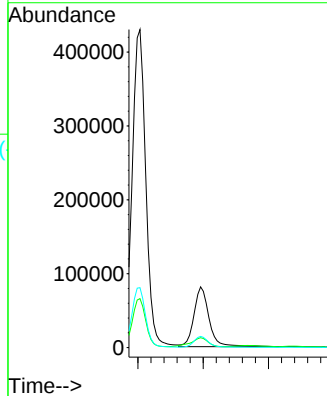
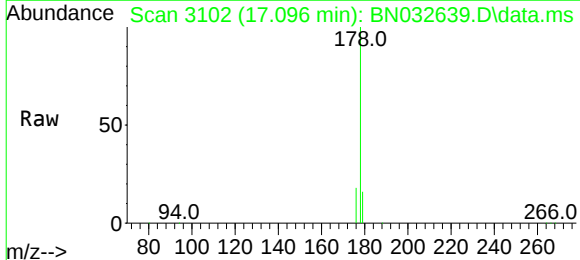
Manual Integrations
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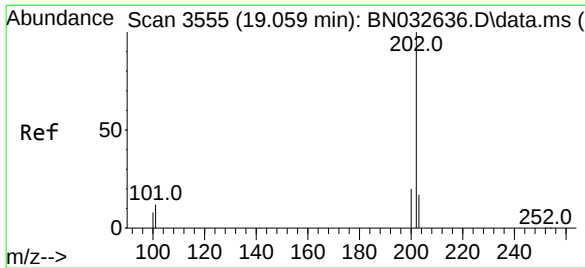
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 2.310 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

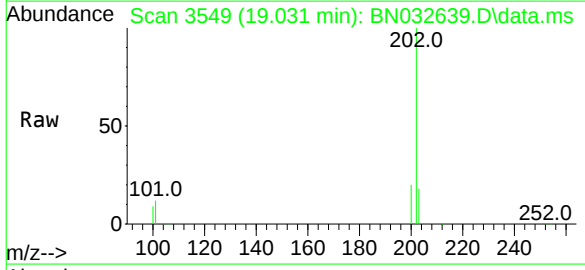
Tgt Ion:178 Resp: 130606
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.5 15.4 23.0





#19
 Fluoranthene
 Concen: 18.186 ng/u1
 RT: 19.031 min Scan# 3555
 Delta R.T. -0.023 min
 Lab File: BN032639.D
 Acq: 11 Jul 2024 17:08

Instrument : BNA_N
 ClientSampleId : A4CE1MS

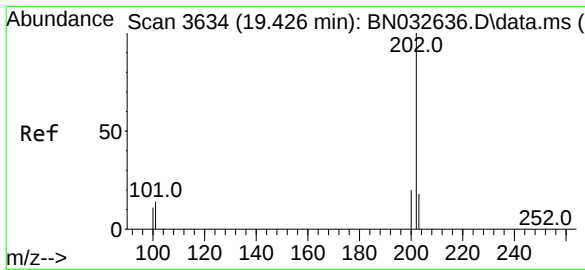
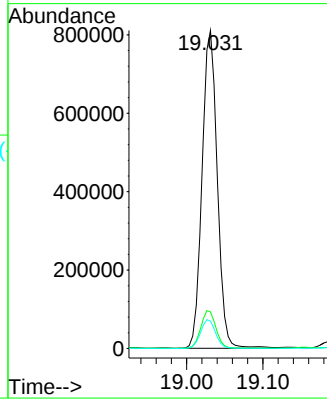
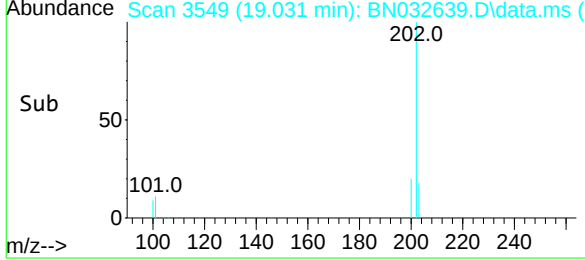


Tgt Ion: 202 Resp: 1122926

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	8.6	7.9	11.9

Manual Integrations
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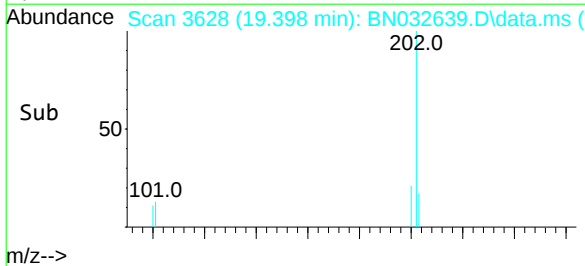
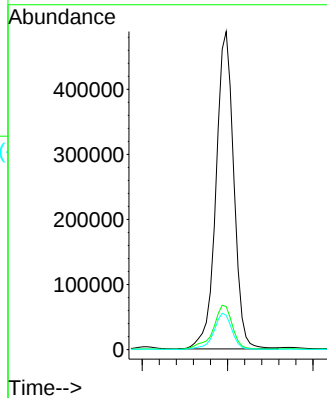
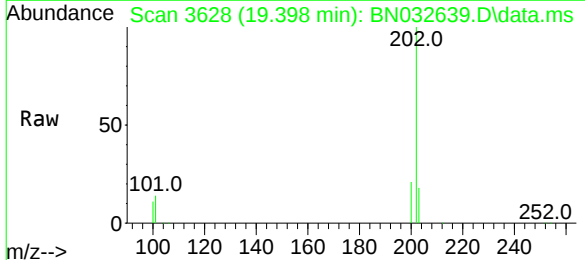
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

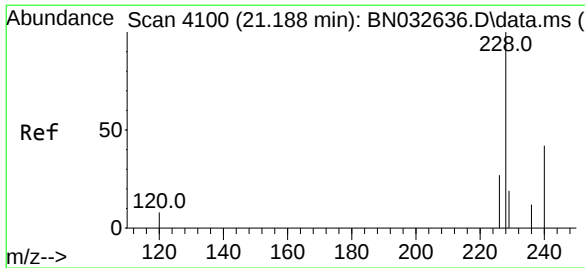


#20
 Pyrene
 Concen: 11.055 ng/u1
 RT: 19.398 min Scan# 3628
 Delta R.T. -0.023 min
 Lab File: BN032639.D
 Acq: 11 Jul 2024 17:08

Tgt Ion: 202 Resp: 706548

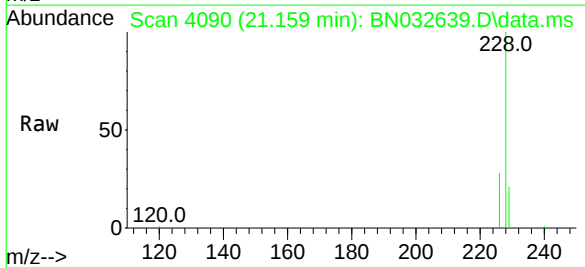
Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.8	17.6
100	10.8	9.6	14.4





#21
Benzo(a)anthracene
Concen: 8.795 ng/u1
RT: 21.159 min Scan# 4090
Delta R.T. -0.024 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

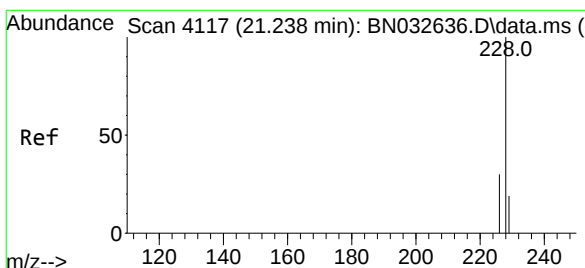
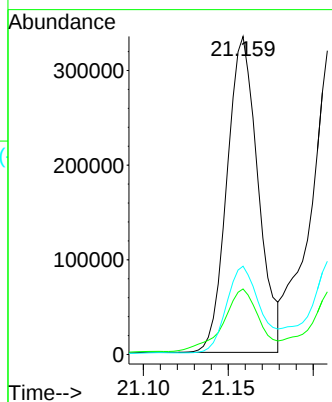
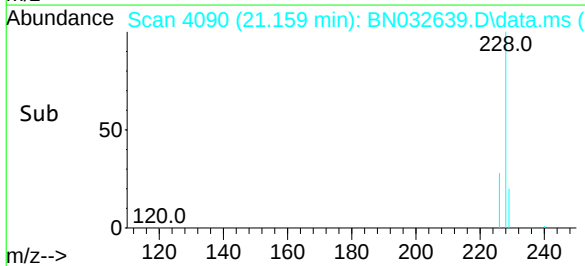
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



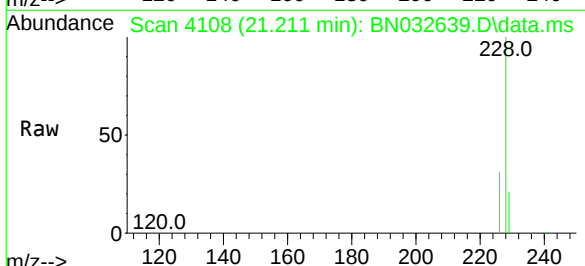
Tgt Ion:228 Resp: 425156
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.8 21.9 32.9

Manual Integrations
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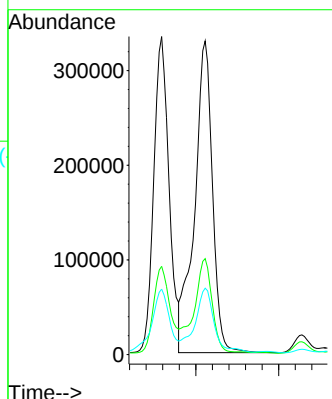
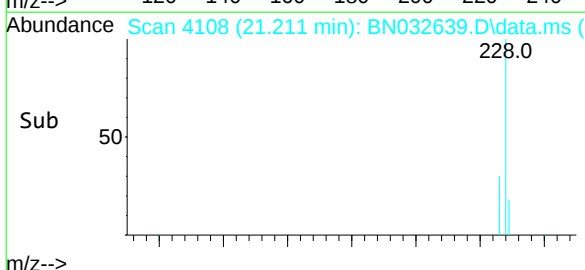
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

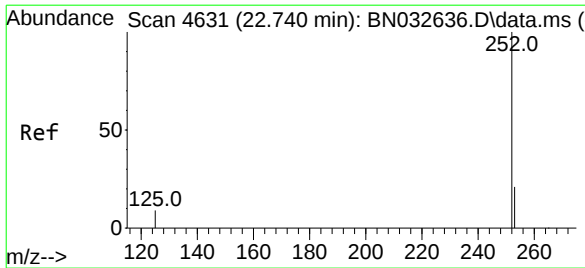


#22
Chrysene
Concen: 7.086 ng/u1
RT: 21.211 min Scan# 4108
Delta R.T. -0.021 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08



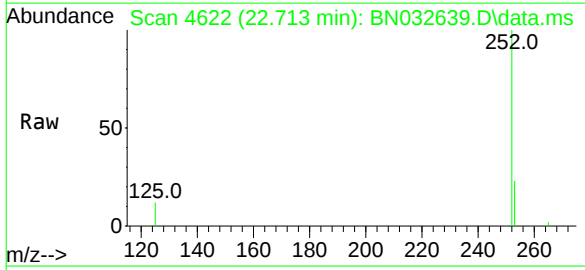
Tgt Ion:228 Resp: 495535
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 9.732 ng/u1 m
RT: 22.713 min Scan# 4631
Delta R.T. -0.021 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

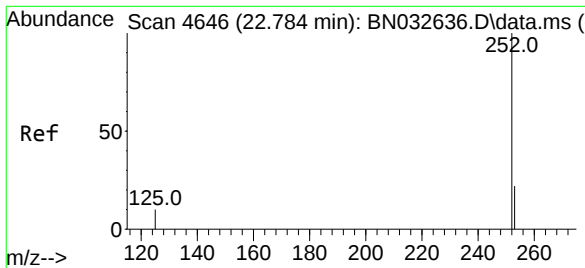
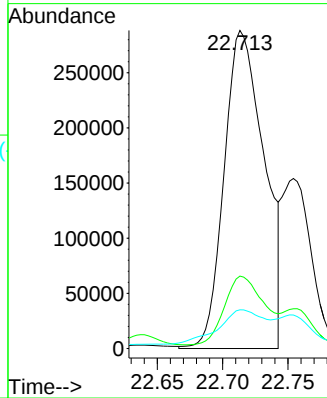
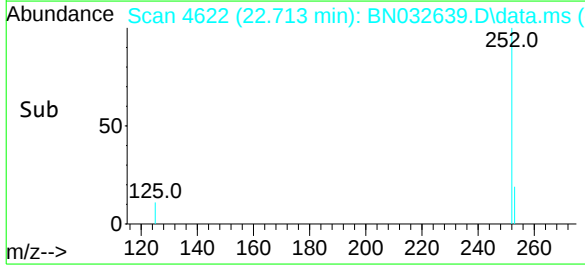
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



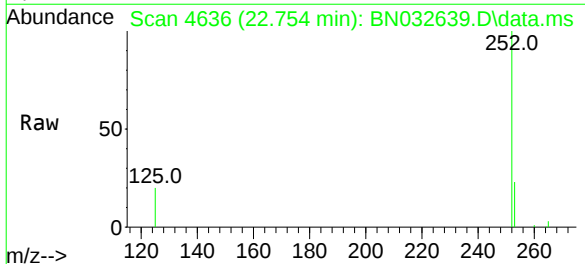
Tgt Ion:252 Resp: 616525
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 12.2 0.0 36.0

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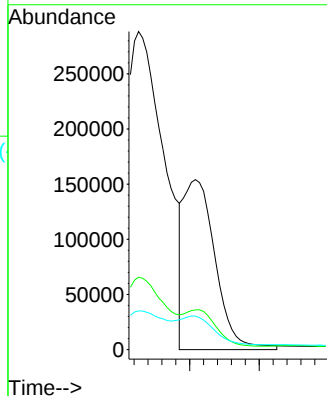
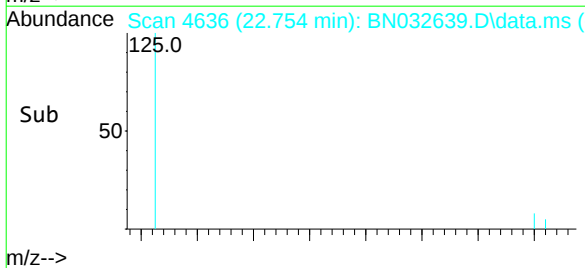
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

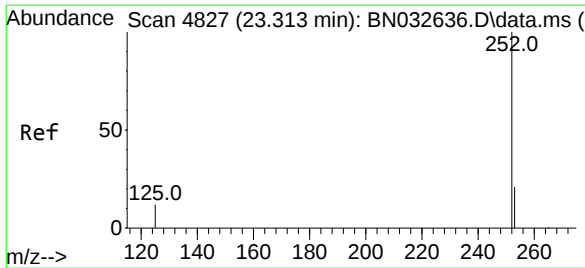


#25
Benzo(k)fluoranthene
Concen: 3.164 ng/u1 m
RT: 22.754 min Scan# 4636
Delta R.T. -0.024 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08



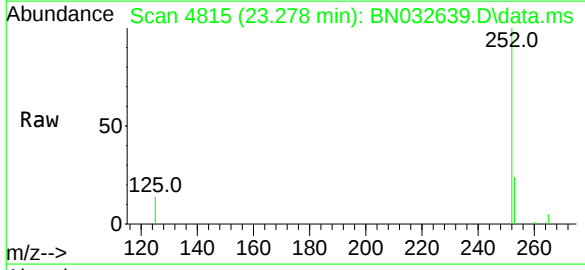
Tgt Ion:252 Resp: 244275
Ion Ratio Lower Upper
252 100
253 23.4 21.2 31.8
125 19.7 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.858 ng/u1
RT: 23.278 min Scan# 4815
Delta R.T. -0.032 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

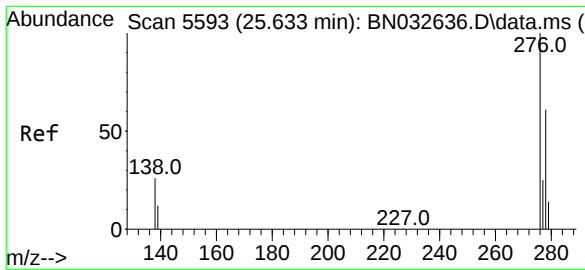
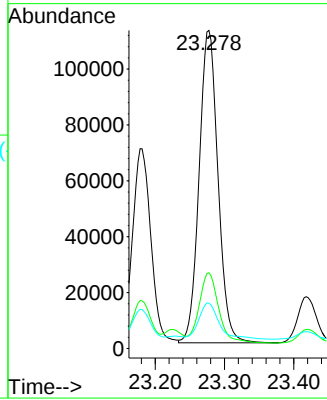
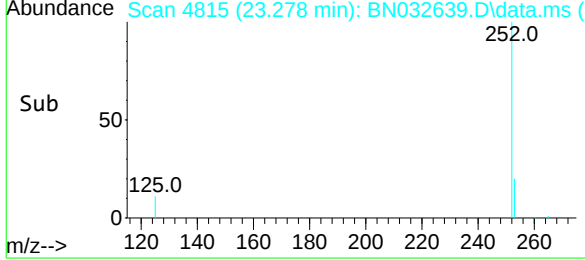
Instrument :
BNA_N
ClientSampleId :
A4CE1MS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	25.4	38.0
125	14.2	20.6	30.8

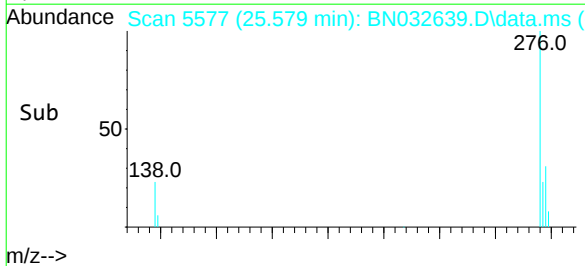
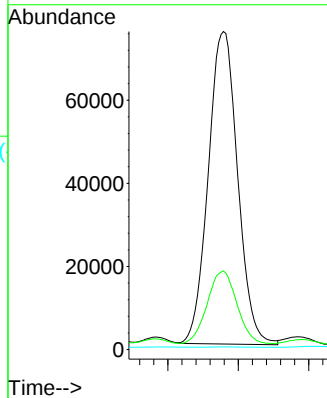
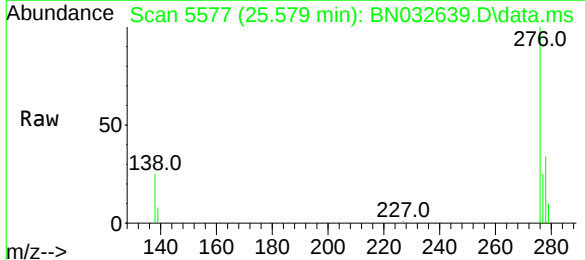
Manual Integrations
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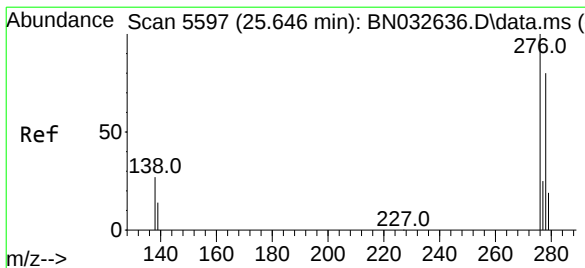
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.939 ng/u1
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032639.D
Acq: 11 Jul 2024 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.6	32.4
227	0.2	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 1.499 ng/ul

RT: 25.582 min Scan# 55

Delta R.T. -0.057 min

Lab File: BN032639.D

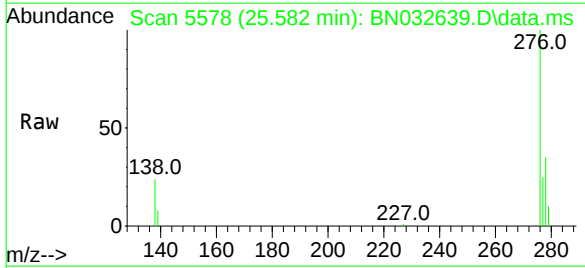
Acq: 11 Jul 2024 17:08

Instrument :

BNA_N

ClientSampleId :

A4CE1MS



Tgt Ion:278 Resp: 86276

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

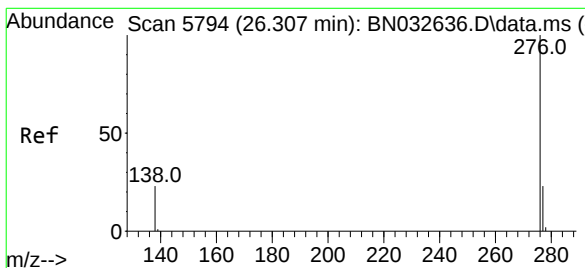
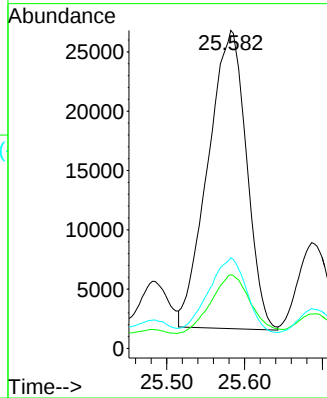
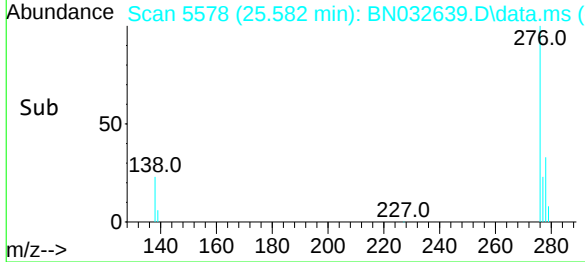
279 28.5 23.7 35.5

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APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 1.248 ng/ul

RT: 26.260 min Scan# 5780

Delta R.T. -0.040 min

Lab File: BN032639.D

Acq: 11 Jul 2024 17:08

Tgt Ion:276 Resp: 77403

Ion Ratio Lower Upper

276 100

138 25.8 21.0 31.4

277 26.6 20.6 31.0

