

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032389.D
 Acq On : 02 Jul 2024 08:09
 Operator : MA/JU
 Sample : P2871-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C53

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 07/02/2024

Supervised By :mohammad
 ahmed
 07/04/2024

Quant Time: Jul 02 08:35:40 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 27 13:23:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8981	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	28709	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	16538	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	28849m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.213	240	19614m	0.400	ng/ul	-0.01
23) Perylene-d12	23.431	264	21329m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	29619	2.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	10231	0.238	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	17339	0.294	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.430	128	4219	0.056	ng/ul#	92
7) 2-Methylnaphthalene	12.052	142	1727	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	1188	0.023	ng/ul	98
10) Acenaphthylene	13.970	152	10592	0.154	ng/ul	96
11) Acenaphthene	14.317	153	2472	0.046	ng/ul	98
12) Fluorene	15.307	166	3251	0.051	ng/ul#	96
14) Pentachlorophenol	16.673	266	374m	0.057	ng/ul	
15) Phenanthrene	17.048	178	66661m	0.843	ng/ul	
16) Anthracene	17.141	178	15153m	0.215	ng/ul	
19) Fluoranthene	19.077	202	139664	1.870	ng/ul	99
20) Pyrene	19.439	202	125299	1.605	ng/ul	99
21) Benzo(a)anthracene	21.198	228	64178	0.907	ng/ul	95
22) Chrysene	21.248	228	67848	0.873	ng/ul	96
24) Benzo(b)fluoranthene	22.768	252	98598m	1.064	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	32526m	0.361	ng/ul	
26) Benzo(a)pyrene	23.332	252	67533	1.047	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.662	276	50902	0.504	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.665	278	12498	0.167	ng/ul#	44
29) Benzo(g,h,i)perylene	26.349	276	51357	0.639	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032389.D
Acq On : 02 Jul 2024 08:09
Operator : MA/JU
Sample : P2871-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

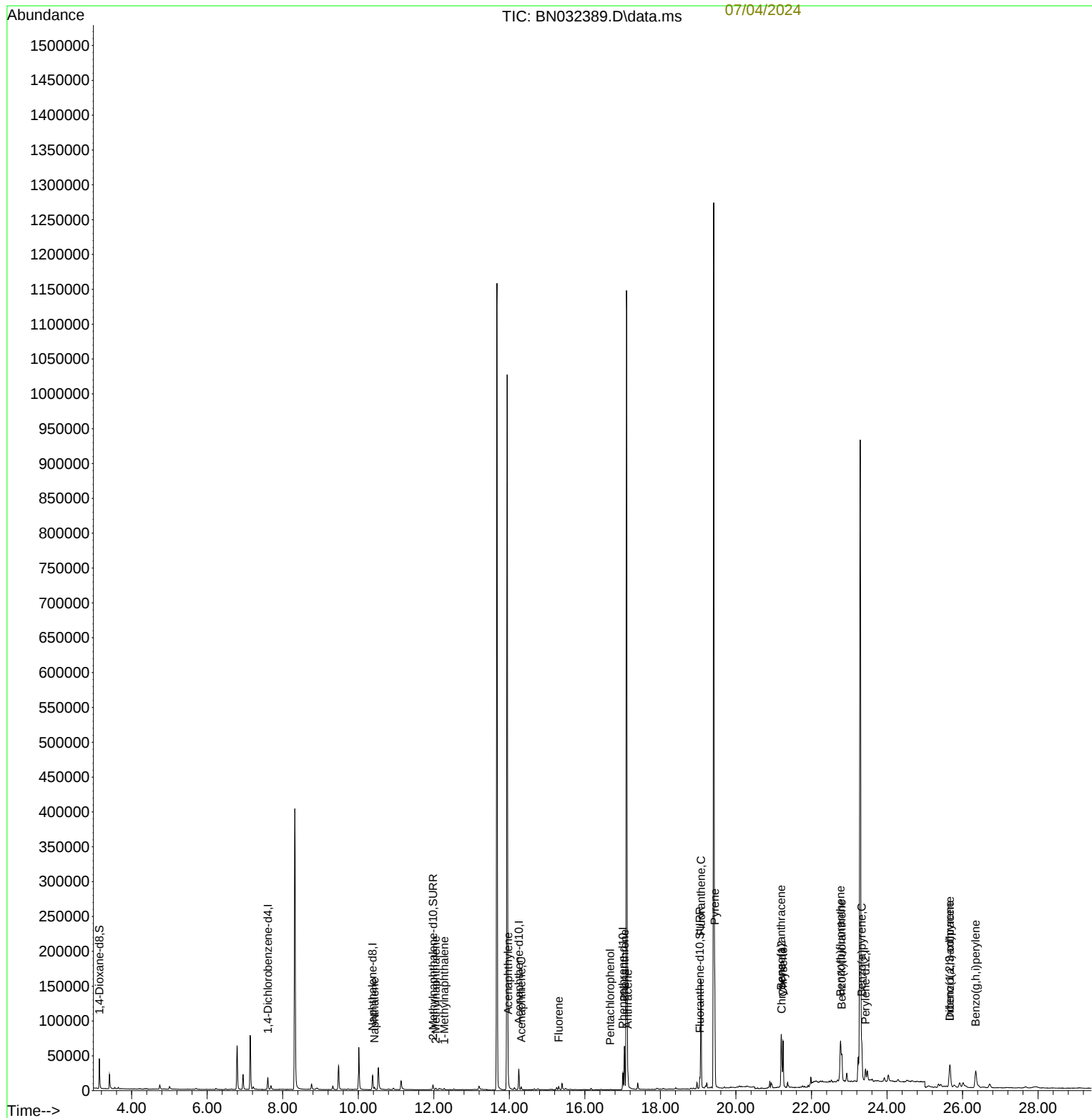
Instrument :
BNA_N
ClientSampleId :
A4C53

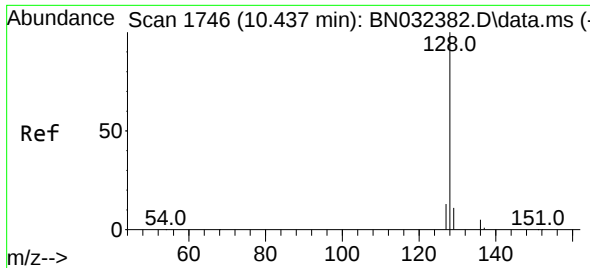
Quant Time: Jul 02 08:35:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
07/02/2024

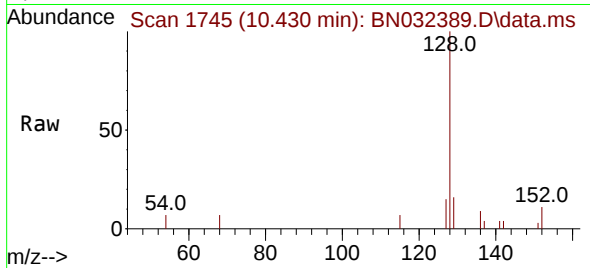
Supervised By :mohammad
ahmed
07/04/2024





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.430 min Scan# 1745
Delta R.T. -0.018 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

Instrument :
BNA_N
ClientSampleId :
A4C53

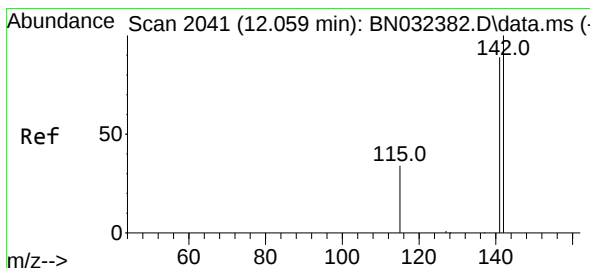
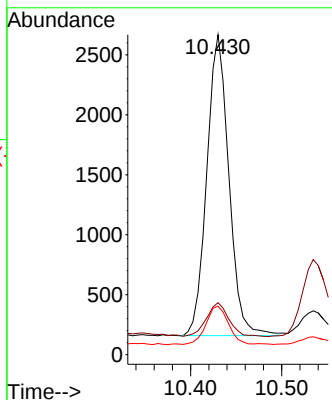


Tgt Ion:128 Resp: 4219
Ion Ratio Lower Upper
128 100
129 16.2 9.2 13.8
127 15.1 10.8 16.2

Manual Integrations
APPROVED

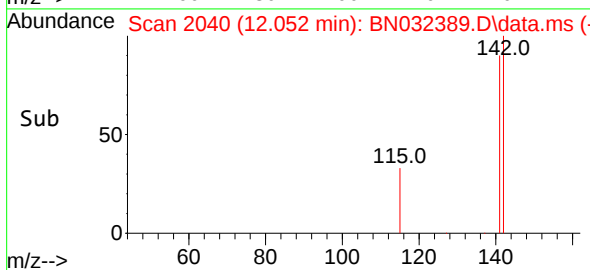
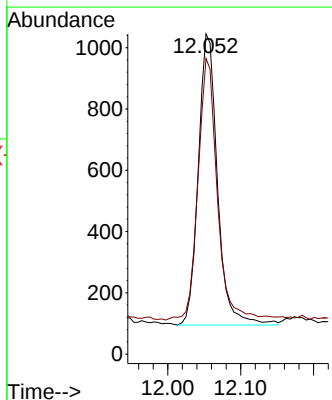
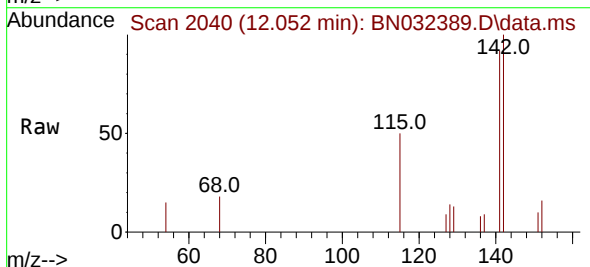
Reviewed By :Jagrut
Upadhyay
07/02/2024

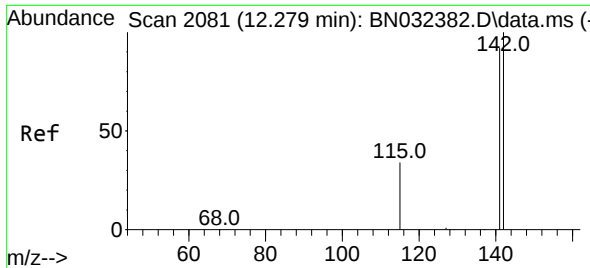
Supervised By :mohammad
ahmed
07/04/2024



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.023 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

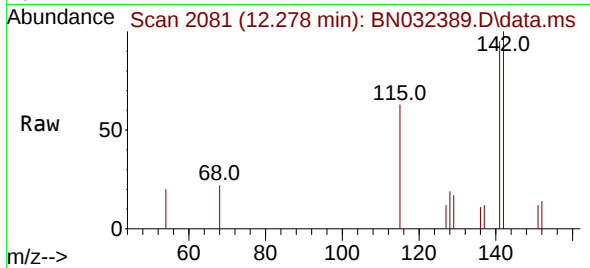
Tgt Ion:142 Resp: 1727
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

Instrument :
BNA_N
ClientSampleId :
A4C53

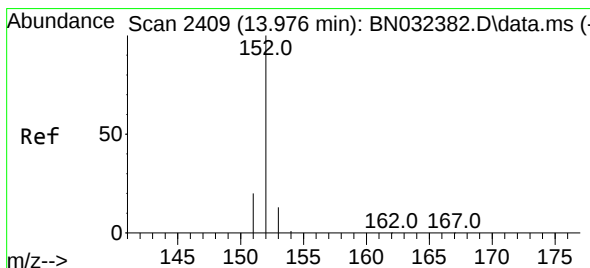
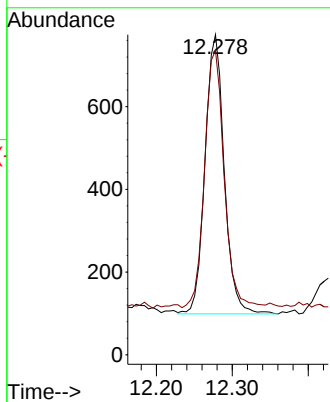
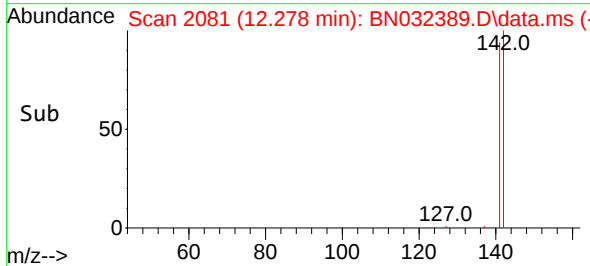


Tgt Ion:142 Resp: 1188
Ion Ratio Lower Upper
142 100
141 93.7 73.4 110.0

Manual Integrations
APPROVED

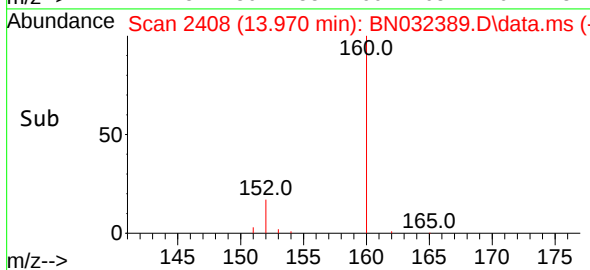
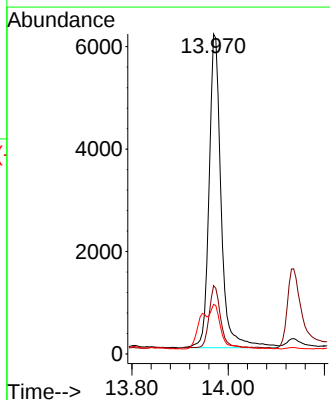
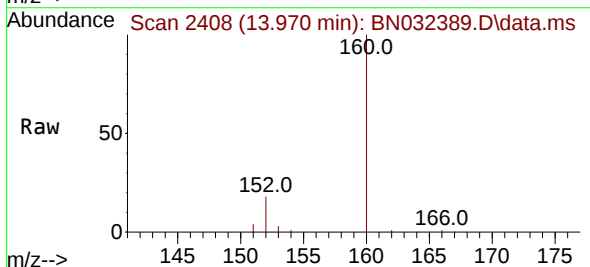
Reviewed By :Jagrut
Upadhyay
07/02/2024

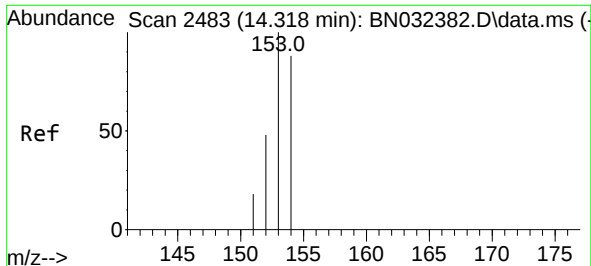
Supervised By :mohammad
ahmed
07/04/2024



#10
Acenaphthylene
Concen: 0.154 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.020 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

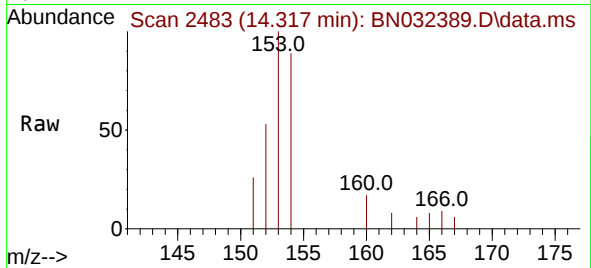
Tgt Ion:152 Resp: 10592
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

Instrument :
BNA_N
ClientSampleId :
A4C53

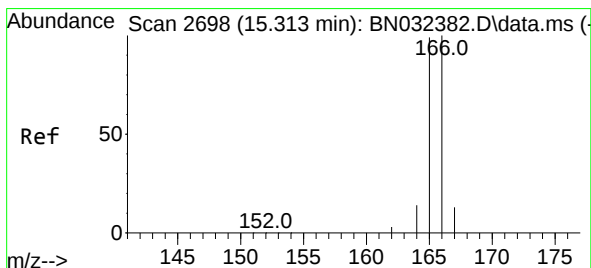
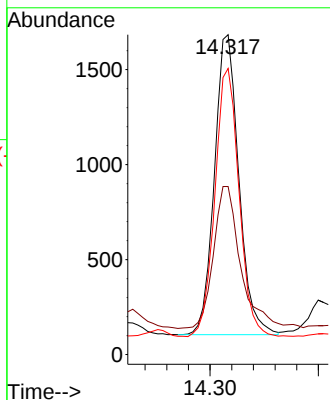


Tgt Ion:153 Resp: 2472
Ion Ratio Lower Upper
153 100
152 52.6 39.5 59.3
154 89.4 71.7 107.5

Manual Integrations
APPROVED

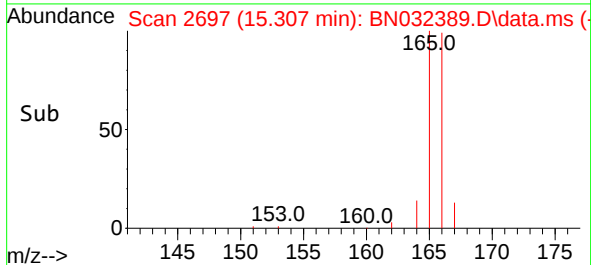
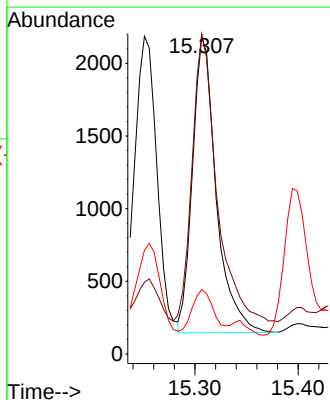
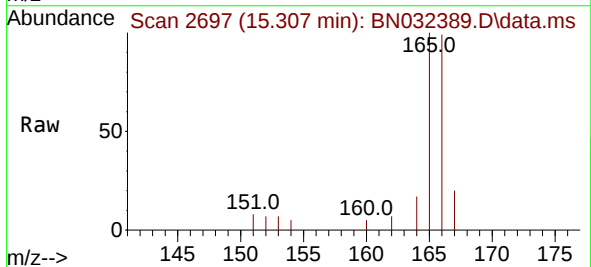
Reviewed By :Jagrut
Upadhyay
07/02/2024

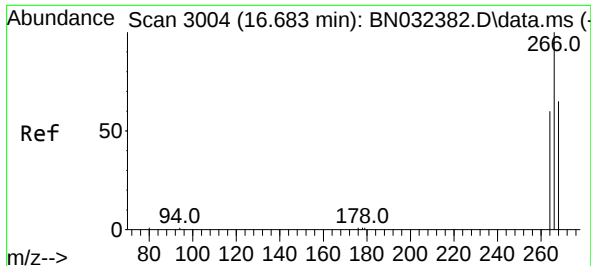
Supervised By :mohammad
ahmed
07/04/2024



#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

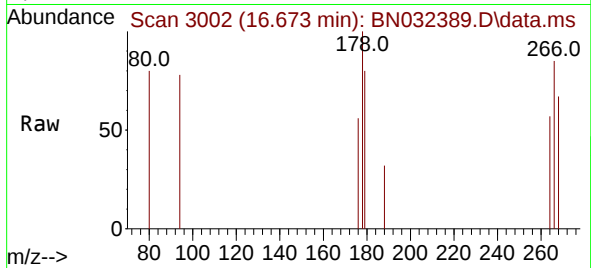
Tgt Ion:166 Resp: 3251
Ion Ratio Lower Upper
166 100
165 101.1 79.0 118.6
167 20.3 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.057 ng/ul m
RT: 16.673 min Scan# 3002
Delta R.T. -0.027 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

Instrument :
BNA_N
ClientSampleId :
A4C53

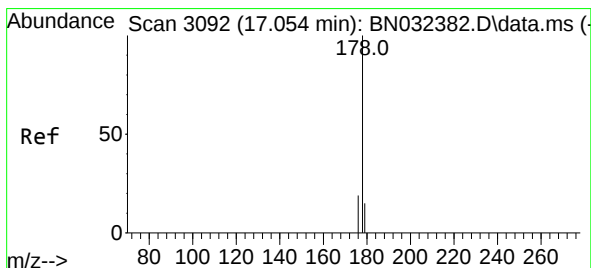
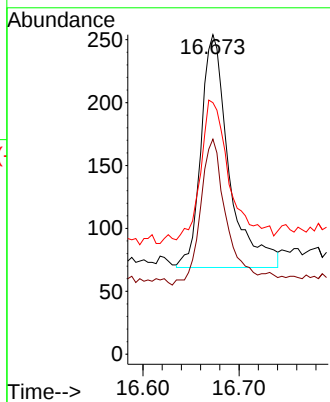
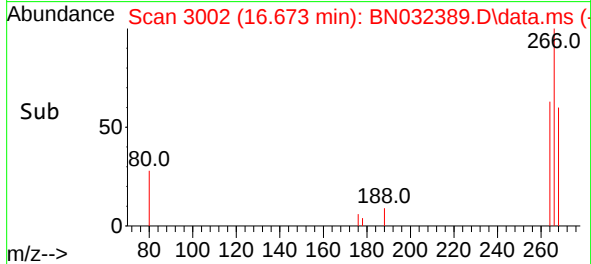


Tgt Ion:266 Resp: 374
Ion Ratio Lower Upper
266 100
264 0.8 49.9 74.9
268 2.1 52.4 78.6

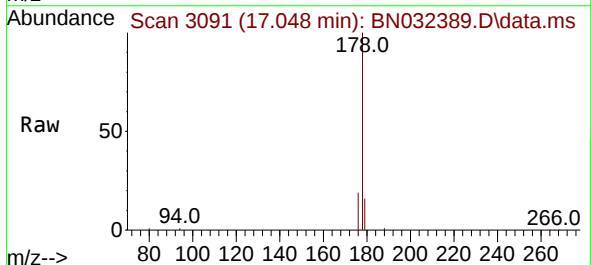
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
07/02/2024

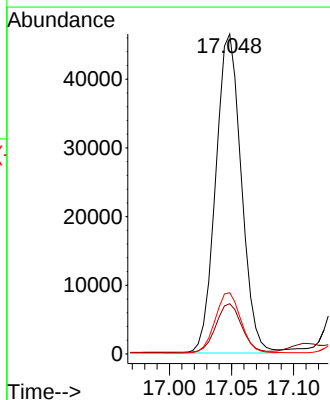
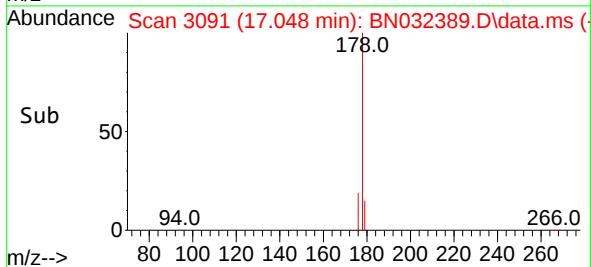
Supervised By :mohammad
ahmed
07/04/2024

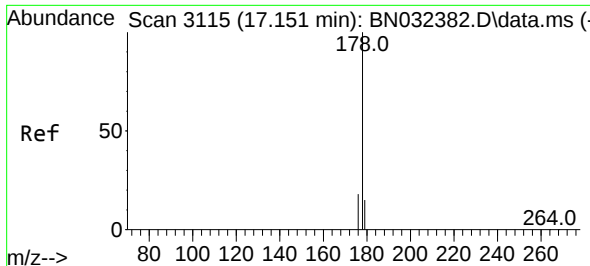


#15
Phenanthrene
Concen: 0.843 ng/ul m
RT: 17.048 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09



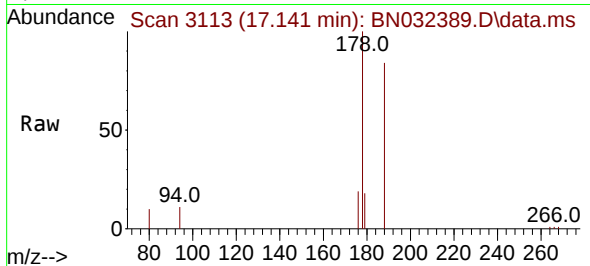
Tgt Ion:178 Resp: 66661
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 0.215 ng/ul m
 RT: 17.141 min Scan# 3115
 Delta R.T. -0.018 min
 Lab File: BN032389.D
 Acq: 02 Jul 2024 08:09

Instrument :
 BNA_N
 ClientSampleId :
 A4C53

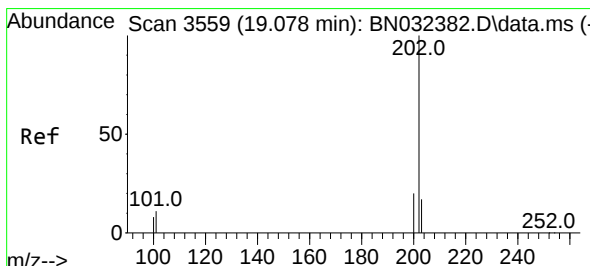
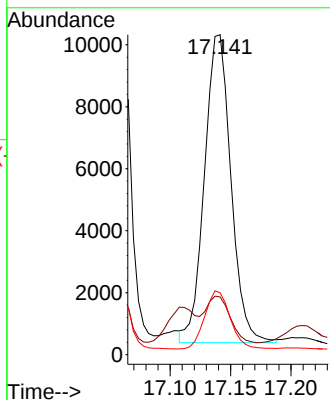
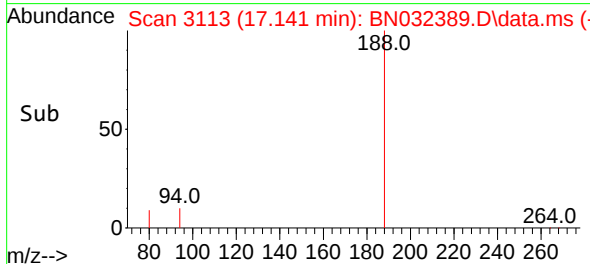


Tgt Ion:178 Resp: 1515
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.5 18.7
 176 19.4 15.0 22.6

Manual Integrations
 APPROVED

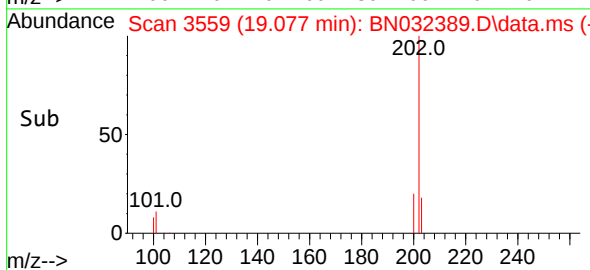
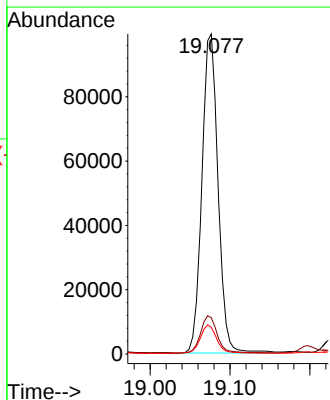
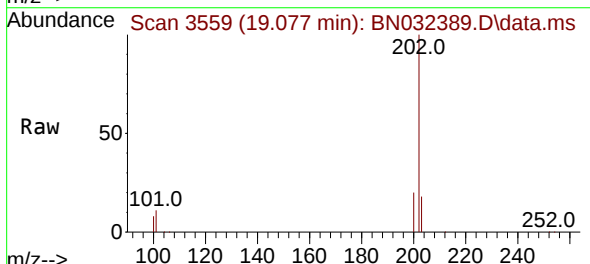
Reviewed By :Jagrut
 Upadhyay
 07/02/2024

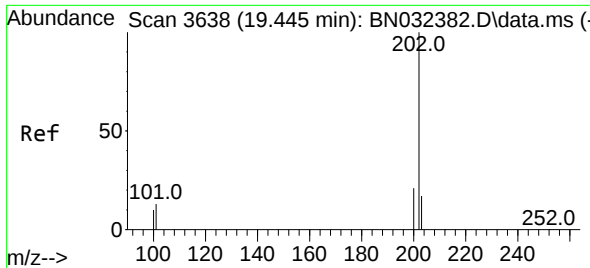
Supervised By :mohammad
 ahmed
 07/04/2024



#19
 Fluoranthene
 Concen: 1.870 ng/ul
 RT: 19.077 min Scan# 3559
 Delta R.T. -0.015 min
 Lab File: BN032389.D
 Acq: 02 Jul 2024 08:09

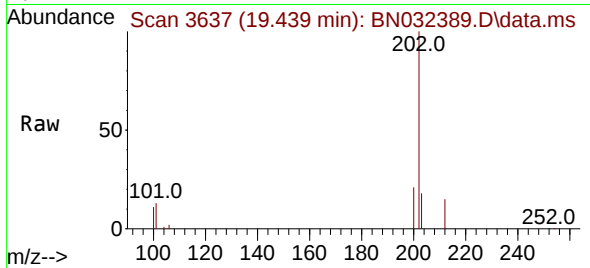
Tgt Ion:202 Resp: 139664
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.8 13.2
 100 8.3 6.4 9.6





#20
Pyrene
Concen: 1.605 ng/ul
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

Instrument :
BNA_N
ClientSampleId :
A4C53

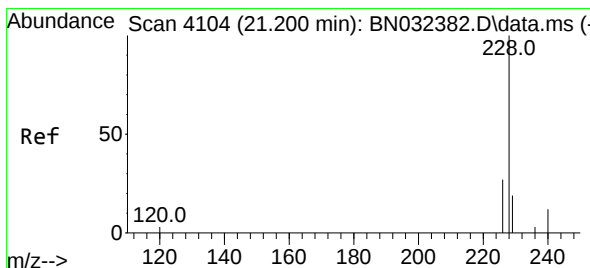
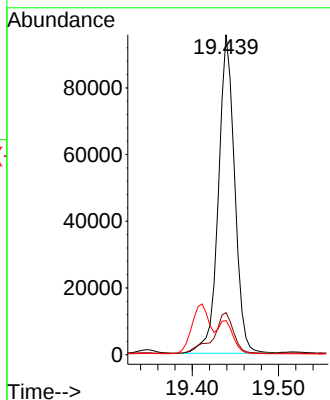
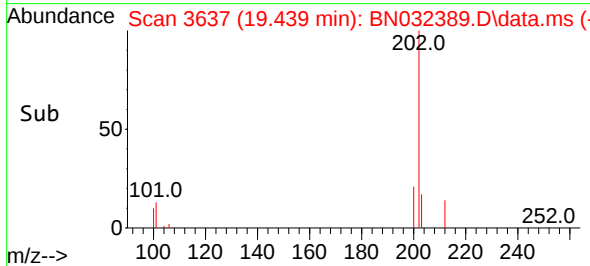


Tgt Ion:202 Resp: 125299
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.7 8.7 13.1

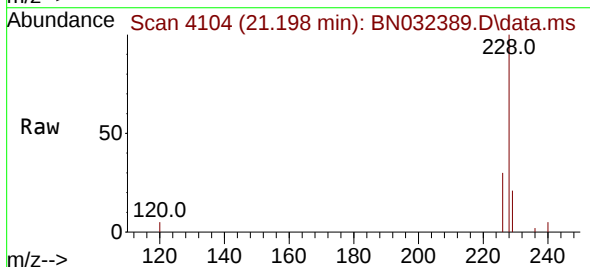
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
07/02/2024

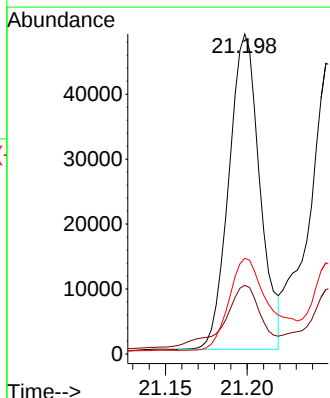
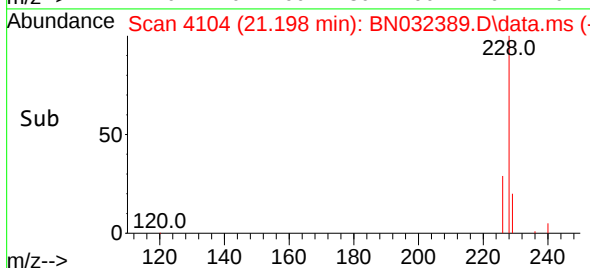
Supervised By :mohammad
ahmed
07/04/2024

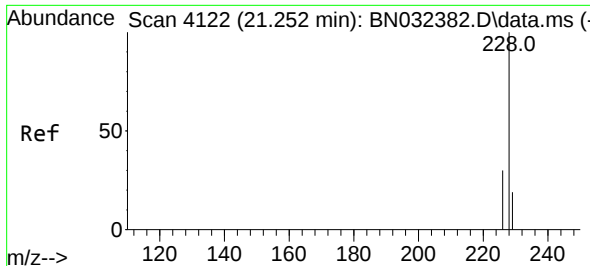


#21
Benzo(a)anthracene
Concen: 0.907 ng/ul
RT: 21.198 min Scan# 4104
Delta R.T. -0.016 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09



Tgt Ion:228 Resp: 64178
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.9 21.8 32.8





#22

Chrysene

Concen: 0.873 ng/ul

RT: 21.248 min Scan# 4122

Delta R.T. -0.019 min

Lab File: BN032389.D

Acq: 02 Jul 2024 08:09

Instrument :

BNA_N

ClientSampleId :

A4C53

Tgt Ion:228 Resp: 6784

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.6	35.4
229	22.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut

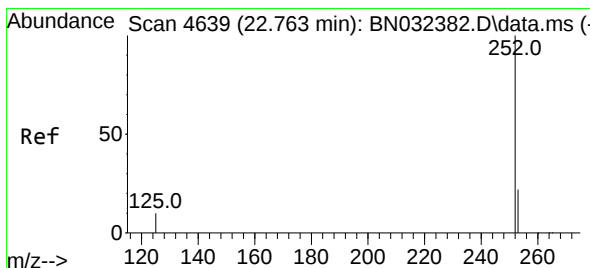
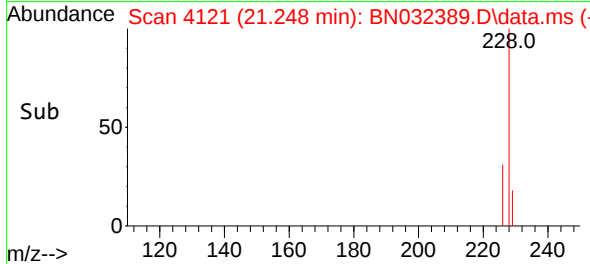
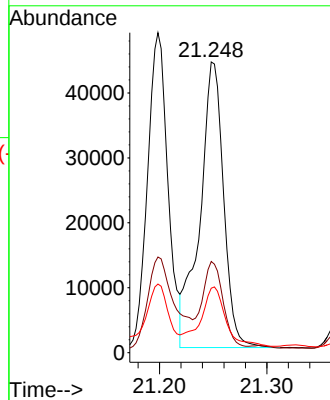
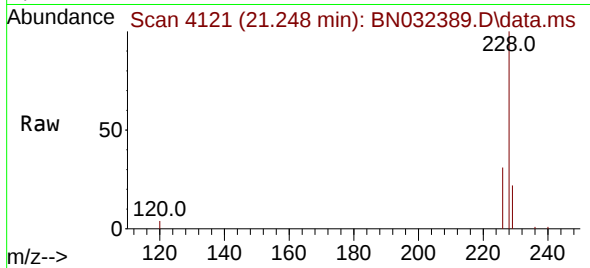
Upadhyay

07/02/2024

Supervised By :mohammad

ahmed

07/04/2024



#24

Benzo(b)fluoranthene

Concen: 1.064 ng/ul m

RT: 22.768 min Scan# 4641

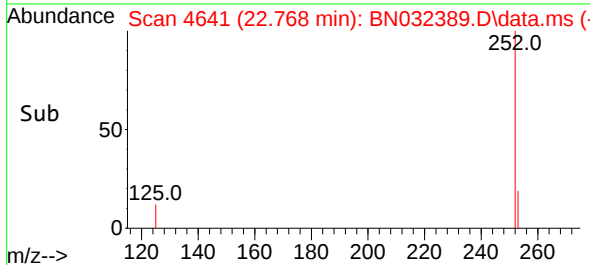
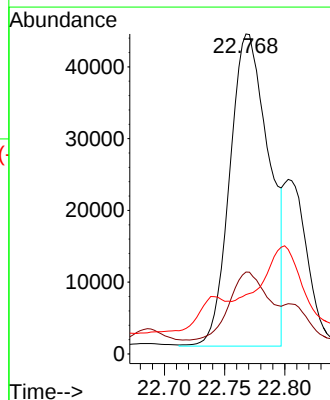
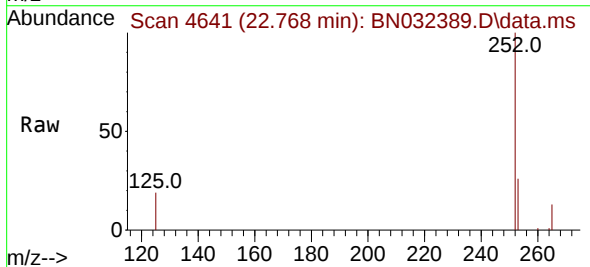
Delta R.T. -0.016 min

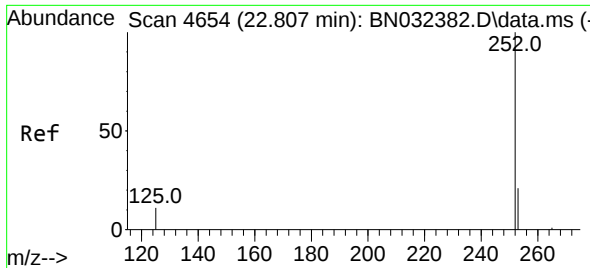
Lab File: BN032389.D

Acq: 02 Jul 2024 08:09

Tgt Ion:252 Resp: 98598

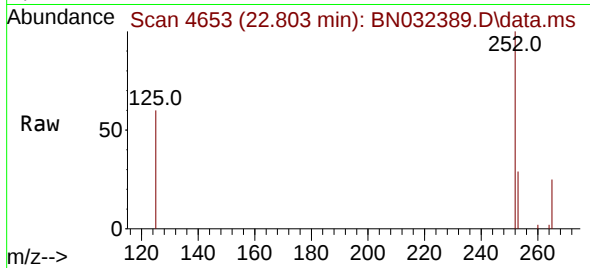
Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	50.2
125	18.5	0.0	32.0





#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul m
RT: 22.803 min Scan# 4653
Delta R.T. -0.025 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

Instrument :
BNA_N
ClientSampleId :
A4C53

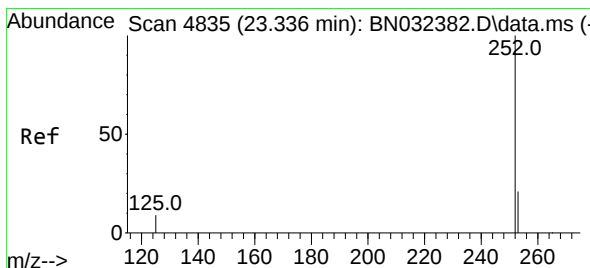
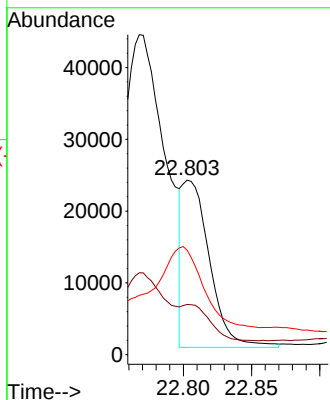
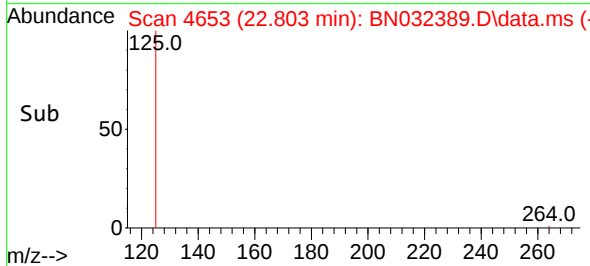


Tgt Ion:252 Resp: 32520
Ion Ratio Lower Upper
252 100
253 28.8 20.3 30.5
125 59.8 12.8 19.2

Manual Integrations
APPROVED

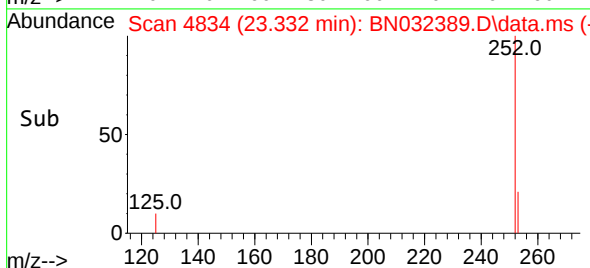
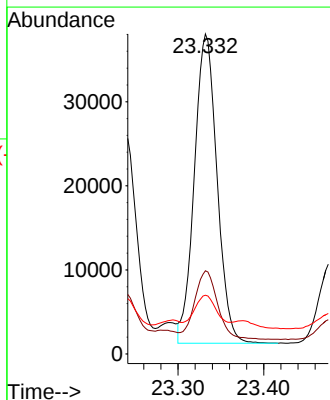
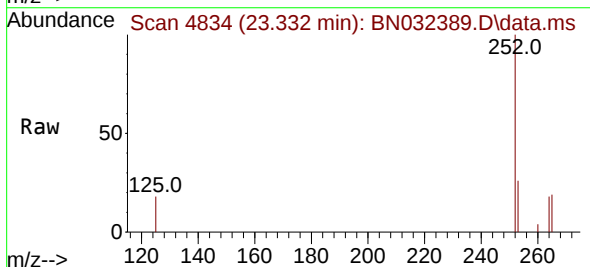
Reviewed By :Jagrut
Upadhyay
07/02/2024

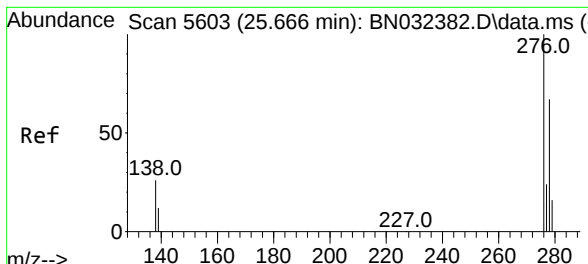
Supervised By :mohammad
ahmed
07/04/2024



#26
Benzo(a)pyrene
Concen: 1.047 ng/ul
RT: 23.332 min Scan# 4834
Delta R.T. -0.028 min
Lab File: BN032389.D
Acq: 02 Jul 2024 08:09

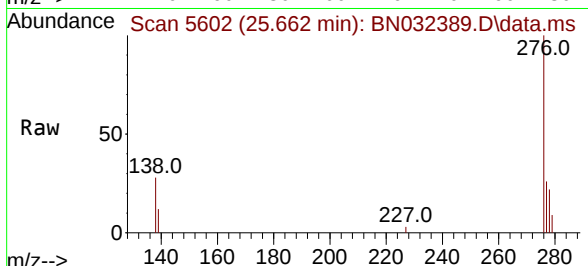
Tgt Ion:252 Resp: 67533
Ion Ratio Lower Upper
252 100
253 26.0 22.2 33.2
125 18.4 16.4 24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.504 ng/ul
 RT: 25.662 min Scan# 5602
 Delta R.T. -0.038 min
 Lab File: BN032389.D
 Acq: 02 Jul 2024 08:09

Instrument :
 BNA_N
 ClientSampleId :
 A4C53

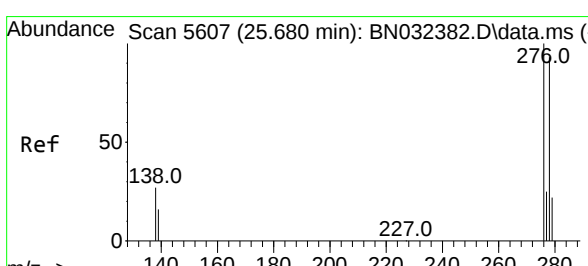
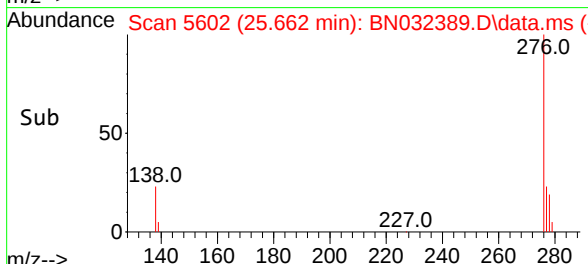
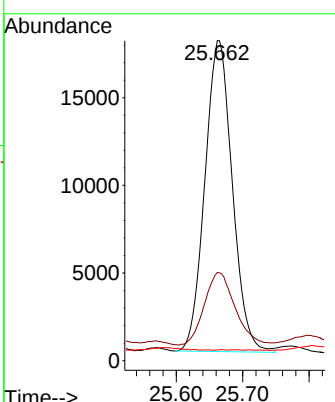


Tgt Ion: 276 Resp: 5090

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.3	31.9
227	0.0	0.1	0.1

Manual Integrations
 APPROVED

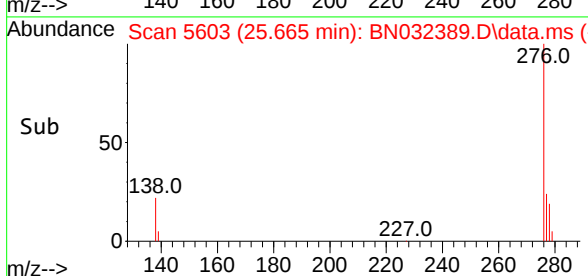
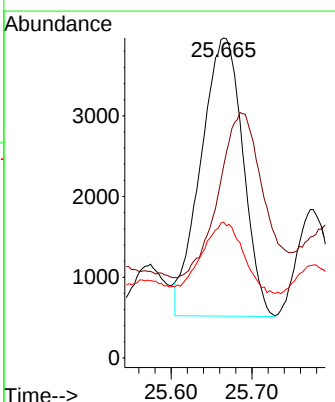
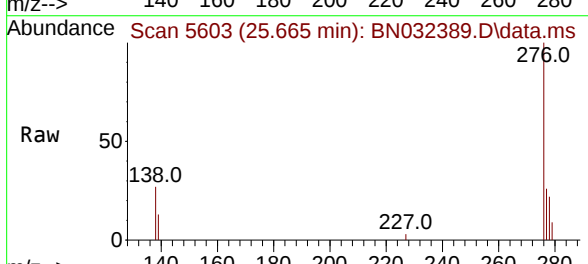
Reviewed By :Jagrut
 Upadhyay
 07/02/2024
 Supervised By :mohammad
 ahmed
 07/04/2024

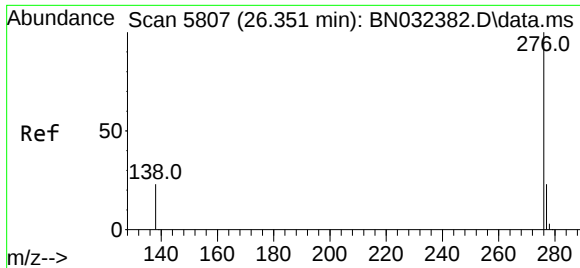


#28
 Dibenzo(a,h)anthracene
 Concen: 0.167 ng/ul
 RT: 25.665 min Scan# 5603
 Delta R.T. -0.045 min
 Lab File: BN032389.D
 Acq: 02 Jul 2024 08:09

Tgt Ion: 278 Resp: 12498

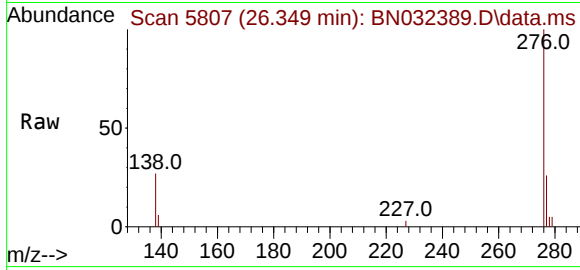
Ion	Ratio	Lower	Upper
278	100		
139	60.1	15.9	23.9
279	42.5	21.1	31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.639 ng/ul
 RT: 26.349 min Scan# 51
 Delta R.T. -0.032 min
 Lab File: BN032389.D
 Acq: 02 Jul 2024 08:09

Instrument :
 BNA_N
 ClientSampleId :
 A4C53



Tgt Ion:	276	Resp:	5135
Ion Ratio	Lower	Upper	
276	100		
138	27.4	19.8	29.6
277	26.3	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 07/02/2024

Supervised By :mohammad
 ahmed
 07/04/2024

