

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032640.D
 Acq On : 11 Jul 2024 17:44
 Operator : MA/JU
 Sample : P3102-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

07/12/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jul 12 01:55:29 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	5799	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.332	136	19936	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	11726	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	22934	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	13893	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	19562	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2068	0.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	7717	0.256	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	14083	0.311	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.139	88	6062	0.764	ng/ul#	90
5) Naphthalene	10.376	128	30923	0.578	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	17946	0.537	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	16726	0.484	ng/ul	98
10) Acenaphthylene	13.924	152	43620	0.921	ng/ul	99
11) Acenaphthene	14.267	153	33052	0.844	ng/ul	99
12) Fluorene	15.262	166	42168	0.942	ng/ul	99
14) Pentachlorophenol	16.627	266	3084	0.766	ng/ul	99
15) Phenanthrene	17.003	178	575079	9.207	ng/ul	98
16) Anthracene	17.096	178	121137	2.374	ng/ul	99
19) Fluoranthene	19.031	202	987971	17.491	ng/ul	97
20) Pyrene	19.398	202	627170	10.727	ng/ul	96
21) Benzo(a)anthracene	21.156	228	395223	8.937	ng/ul	98
22) Chrysene	21.208	228	458590	7.168	ng/ul	98
24) Benzo(b)fluoranthene	22.710	252	615567m	8.918	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	223481m	2.657	ng/ul	
26) Benzo(a)pyrene	23.272	252	208385	3.489	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.572	276	218497	2.702	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.572	278	87140	1.390	ng/ul	96
29) Benzo(g,h,i)perylene	26.253	276	77705	1.150	ng/ul	99

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

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Operator : MA/JU
Sample : P3102-04MSD
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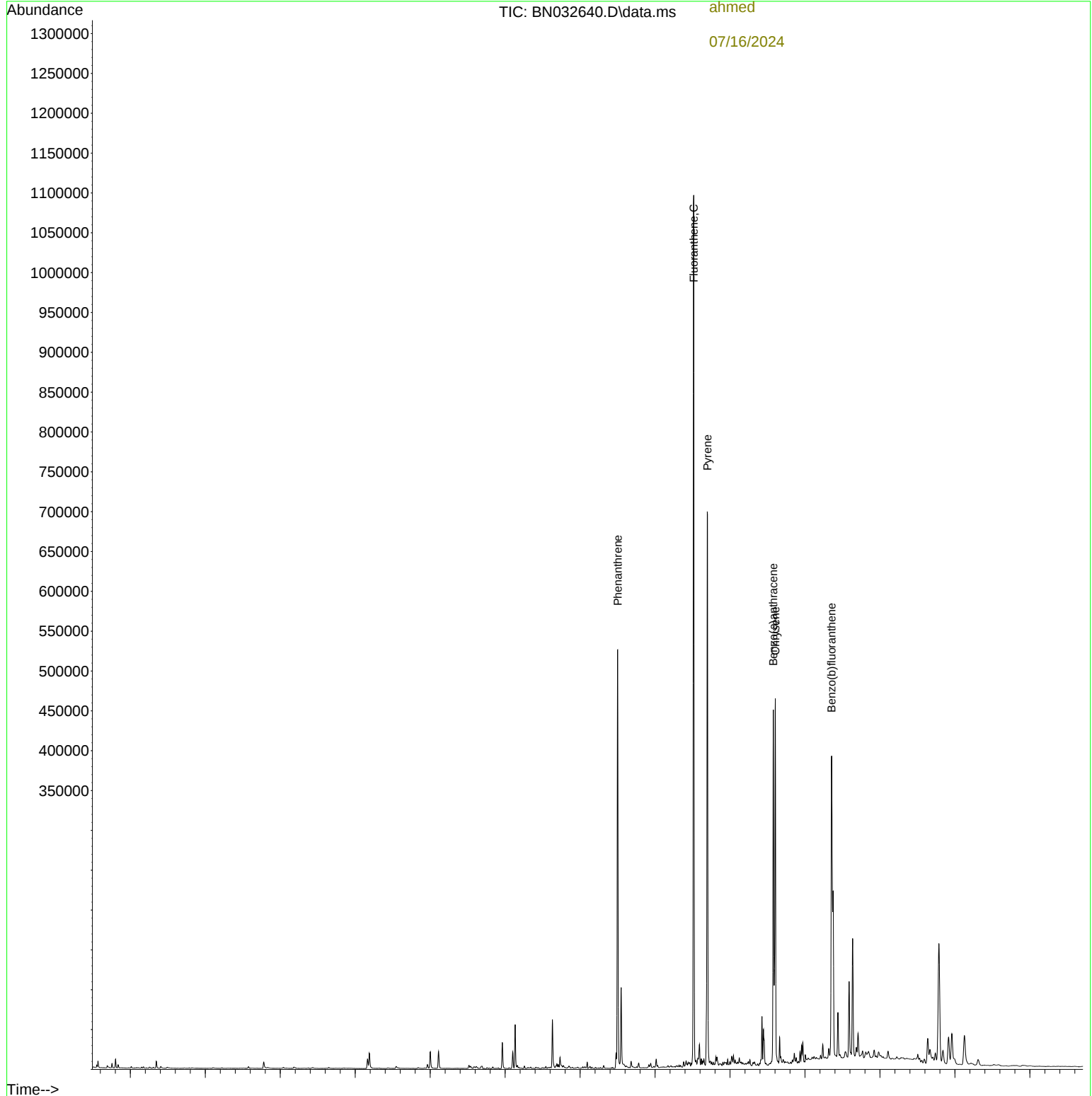
Quant Time: Jul 12 01:55:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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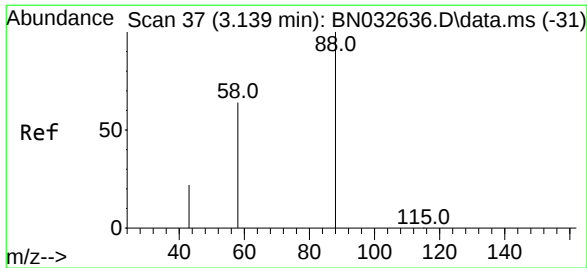
Manual Integrations
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Upadhyay

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Supervised By :mohammad
ahmed

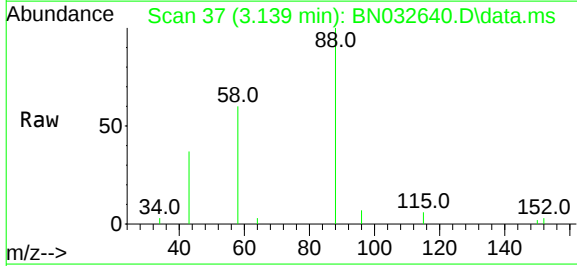
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#2
1,4-Dioxane
Concen: 0.764 ng/ul
RT: 3.139 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

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BNA_N
ClientSampleId :
A4CE1MSD



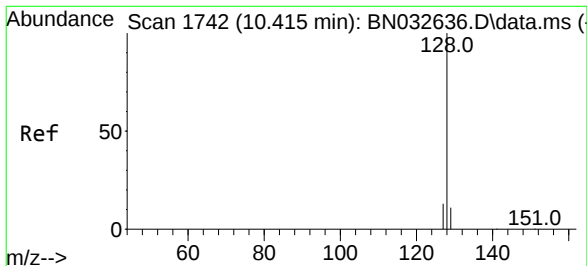
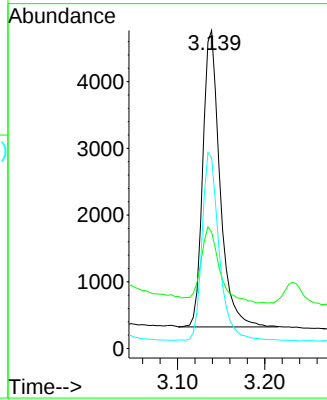
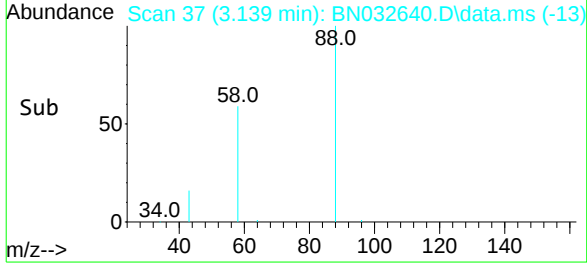
Tgt Ion: 88 Resp: 6062
Ion Ratio Lower Upper
88 100
43 36.5 24.0 36.0
58 60.0 43.3 64.9

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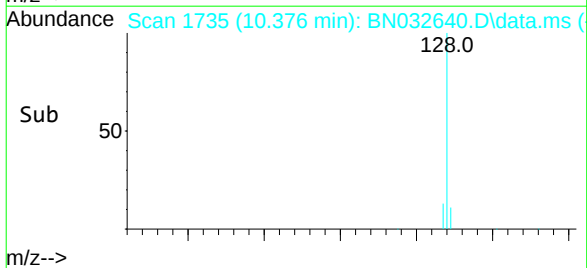
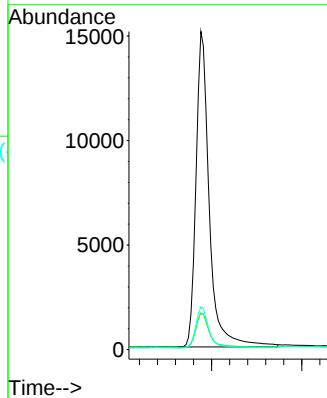
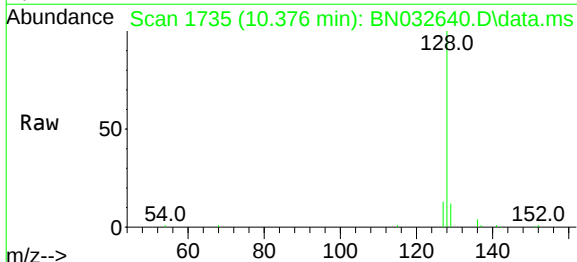
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ahmed

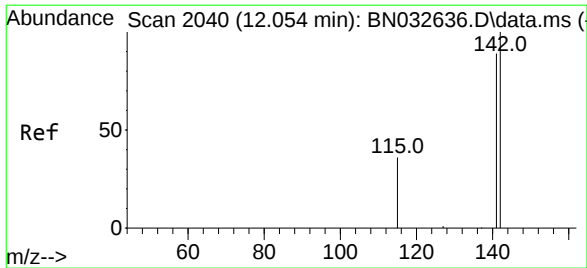
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#5
Naphthalene
Concen: 0.578 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

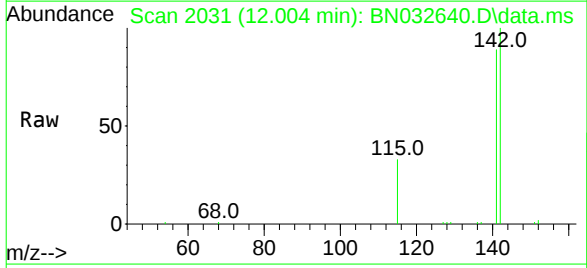
Tgt Ion:128 Resp: 30923
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.5 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.537 ng/ul
RT: 12.004 min Scan# 2040
Delta R.T. -0.044 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Instrument :
BNA_N
ClientSampleId :
A4CE1MSD



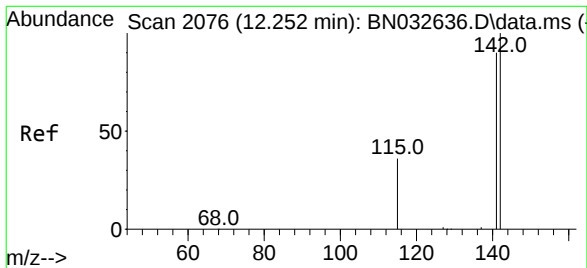
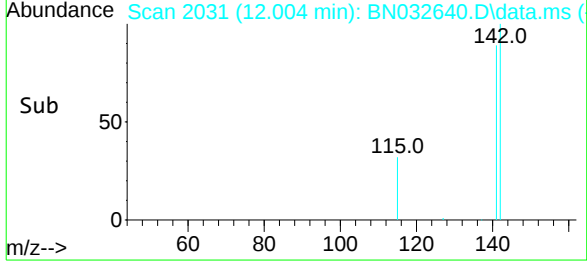
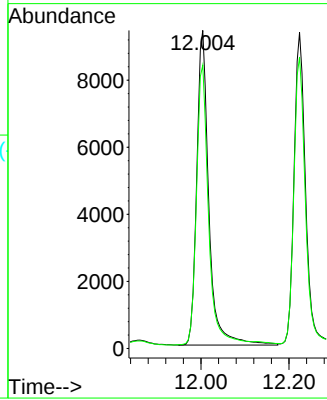
Tgt Ion:142 Resp: 17946
Ion Ratio Lower Upper
142 100
141 90.0 74.0 111.0

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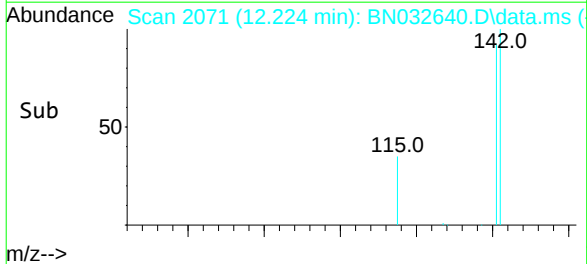
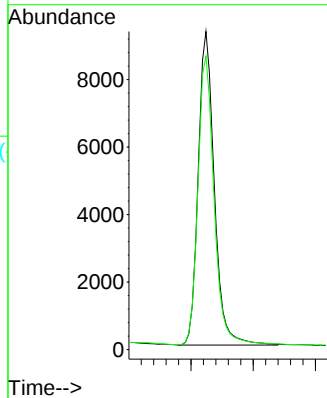
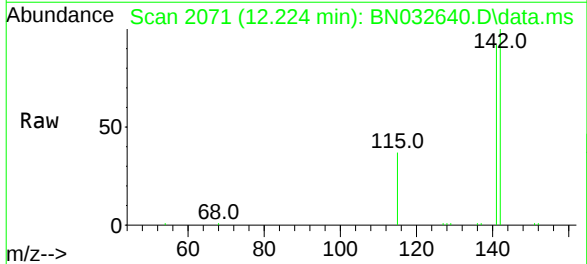
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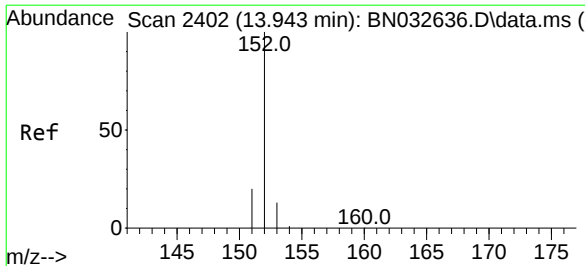
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#8
1-Methylnaphthalene
Concen: 0.484 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

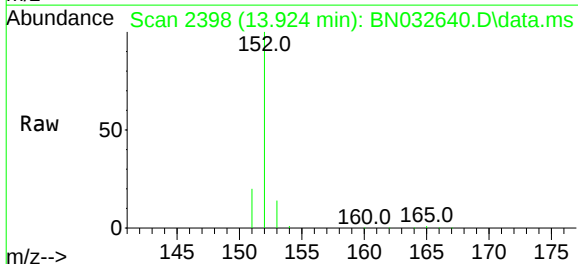
Tgt Ion:142 Resp: 16726
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4





#10
Acenaphthylene
Concen: 0.921 ng/ul
RT: 13.924 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Instrument :
BNA_N
ClientSampleId :
A4CE1MSD



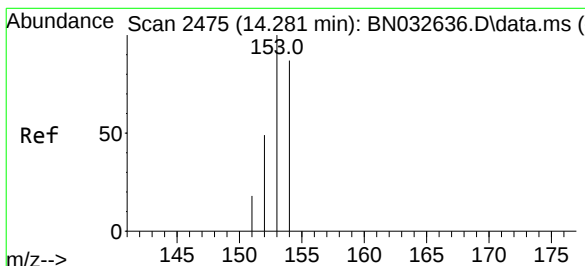
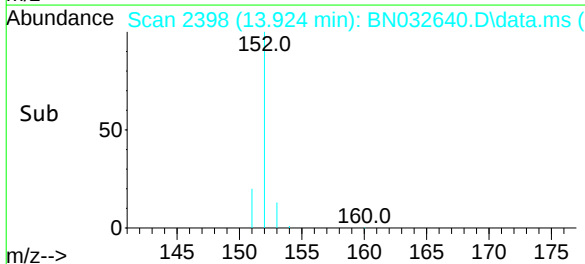
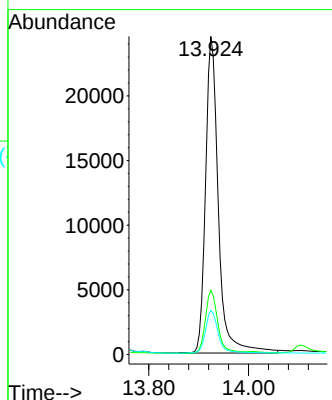
Tgt Ion:152 Resp: 43620
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.8 11.3 16.9

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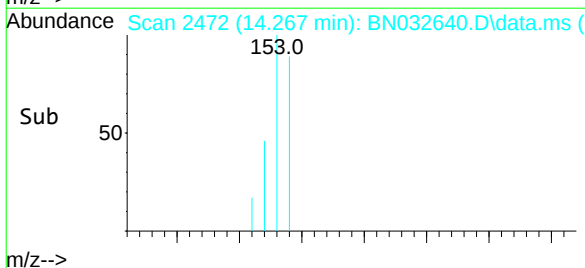
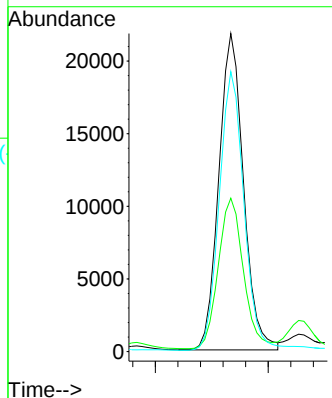
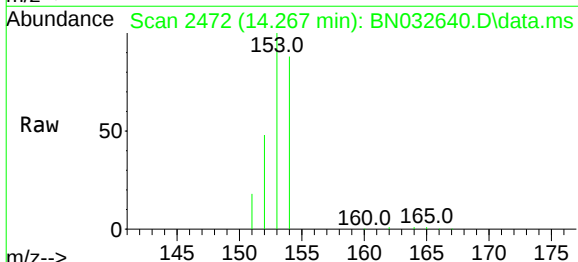
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Supervised By :mohammad
ahmed

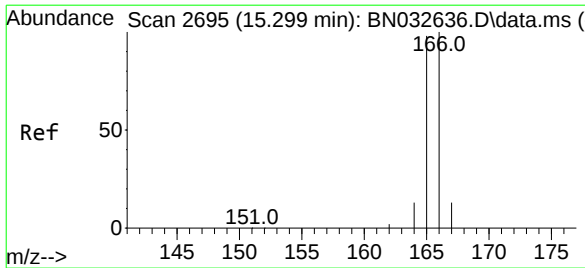
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#11
Acenaphthene
Concen: 0.844 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

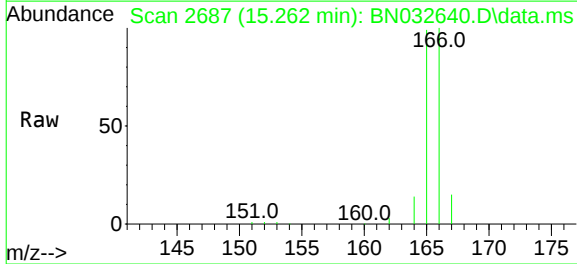
Tgt Ion:153 Resp: 33052
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 88.0 70.2 105.4





#12
Fluorene
Concen: 0.942 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Instrument :
BNA_N
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A4CE1MSD



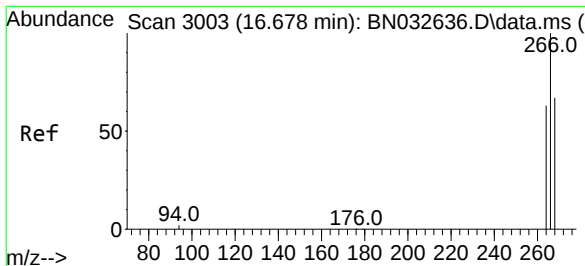
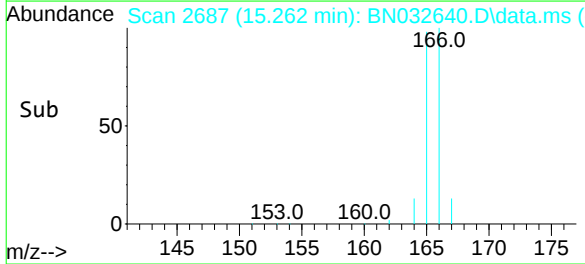
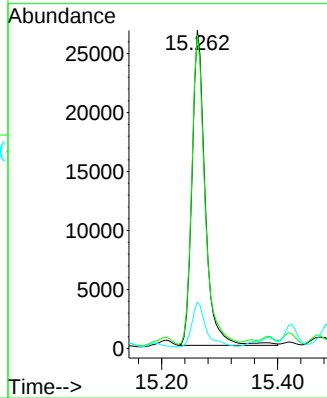
Tgt Ion:166 Resp: 42168
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 14.5 11.4 17.2

Manual Integrations
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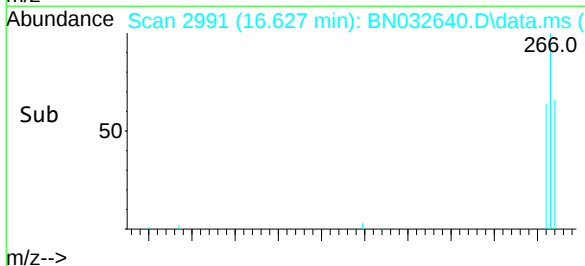
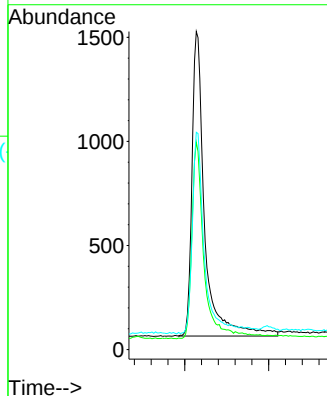
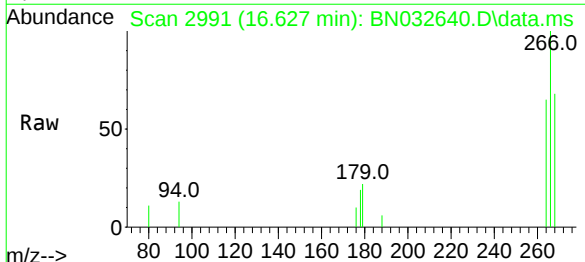
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ahmed

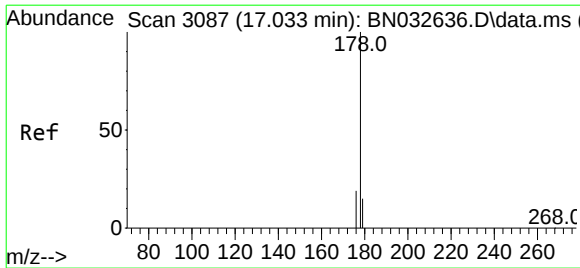
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#14
Pentachlorophenol
Concen: 0.766 ng/u1
RT: 16.627 min Scan# 2991
Delta R.T. -0.042 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

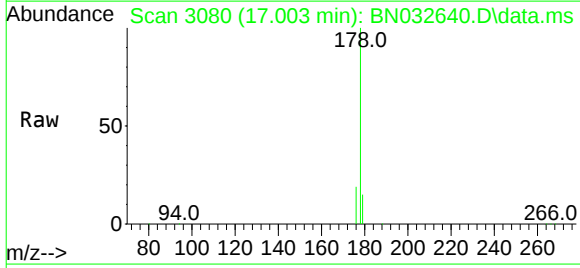
Tgt Ion:266 Resp: 3084
Ion Ratio Lower Upper
266 100
264 63.5 49.4 74.2
268 64.5 51.6 77.4





#15
Phenanthrene
Concen: 9.207 ng/u1
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

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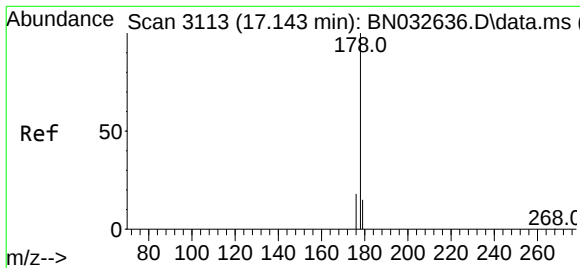
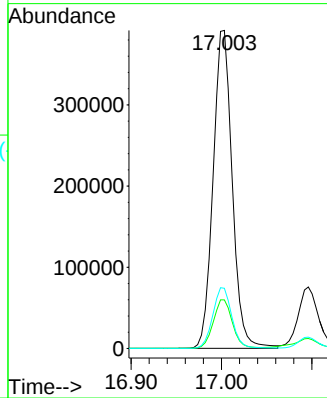
Tgt Ion:178 Resp: 575079
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 18.9 15.6 23.4

Manual Integrations
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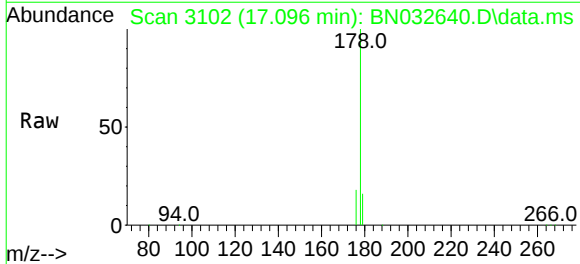
Reviewed By :Jagrut
Upadhyay

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Supervised By :mohammad
ahmed

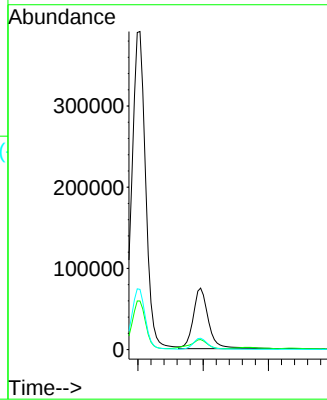
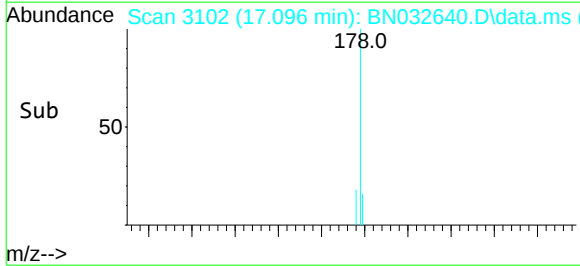
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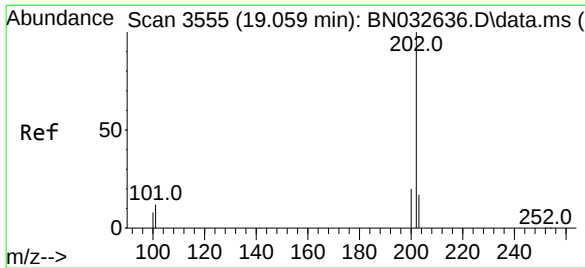


#16
Anthracene
Concen: 2.374 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44



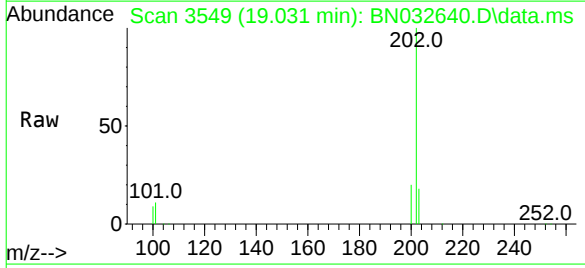
Tgt Ion:178 Resp: 121137
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.2
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 17.491 ng/u1
RT: 19.031 min Scan# 3555
Delta R.T. -0.023 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

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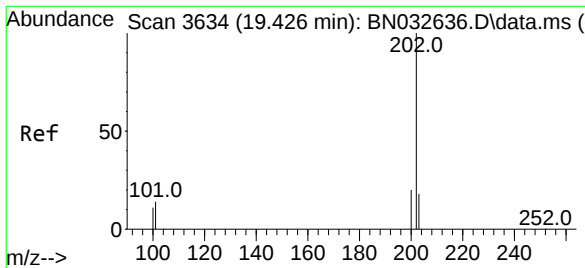
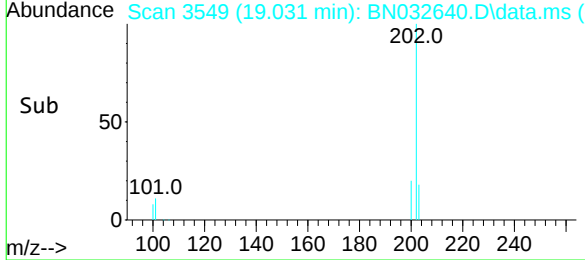
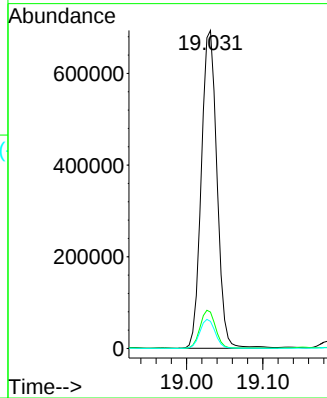
Tgt Ion:202 Resp: 987971
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.9 11.9

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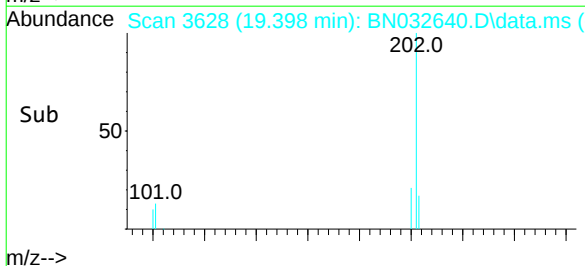
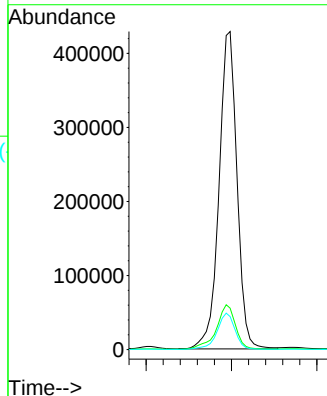
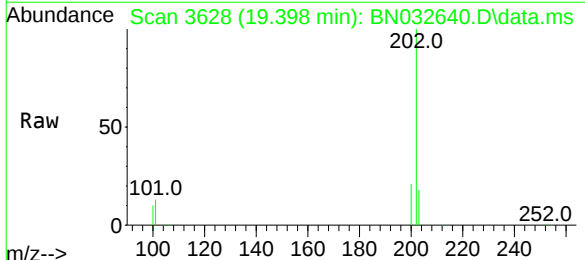
07/12/2024
Supervised By :mohammad
ahmed

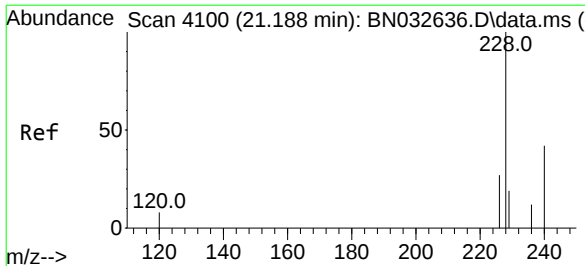
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#20
Pyrene
Concen: 10.727 ng/u1
RT: 19.398 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

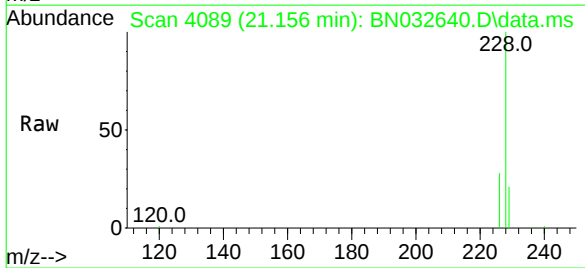
Tgt Ion:202 Resp: 627170
Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 10.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 8.937 ng/u1
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Instrument :
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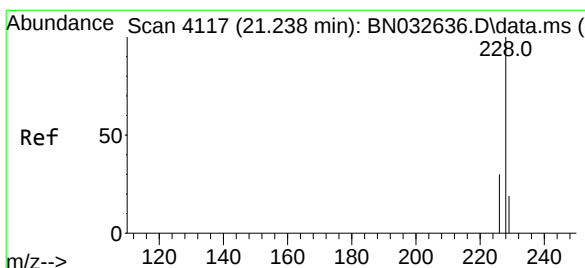
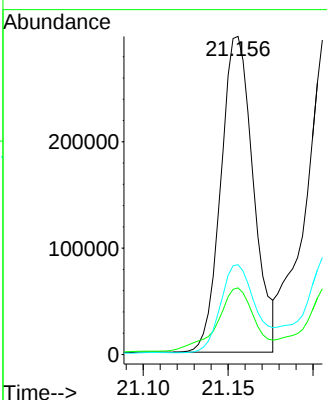
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Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.2 21.9 32.9

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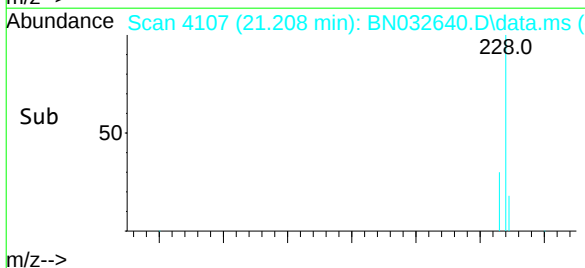
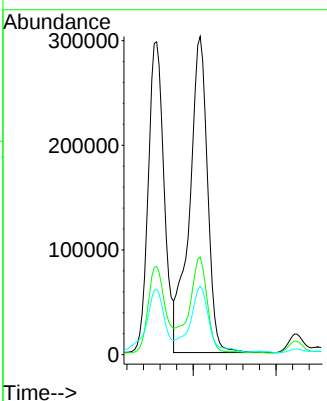
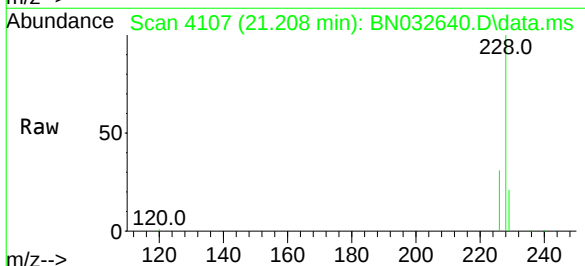
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Supervised By :mohammad
ahmed

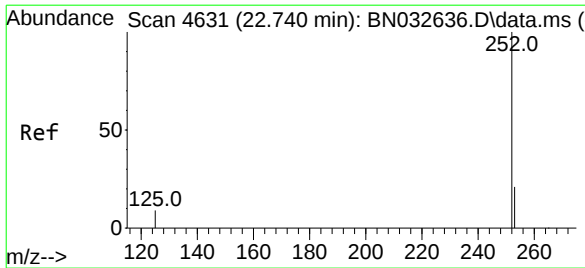
07/16/2024



#22
Chrysene
Concen: 7.168 ng/u1
RT: 21.208 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

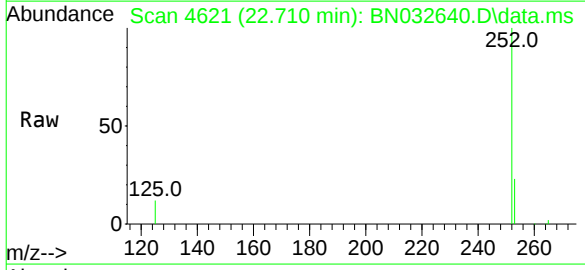
Tgt Ion:228 Resp: 458590
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 8.918 ng/u1 m
RT: 22.710 min Scan# 4610
Delta R.T. -0.023 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Instrument :
BNA_N
ClientSampleId :
A4CE1MSD



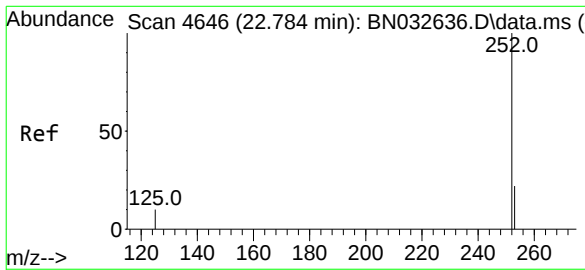
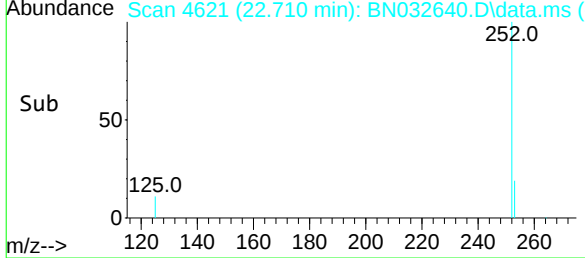
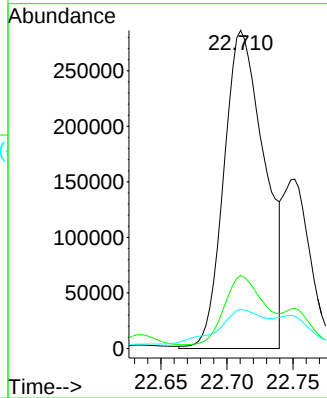
Tgt Ion:252 Resp: 615567
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 12.3 0.0 36.0

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

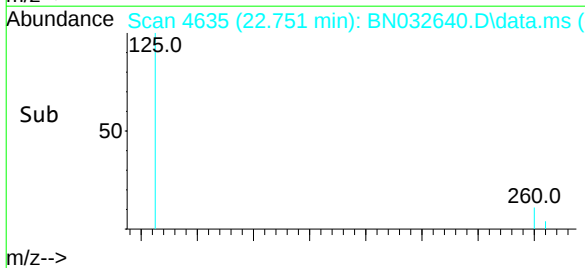
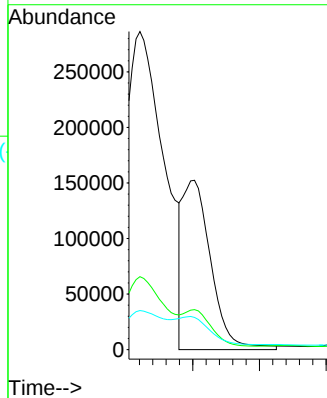
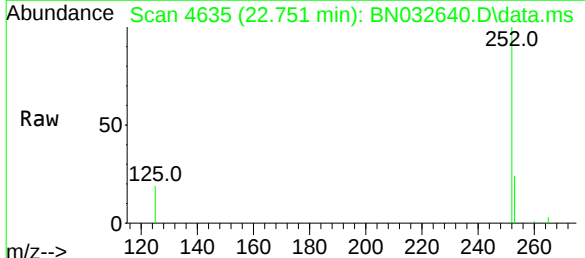
07/12/2024
Supervised By :mohammad
ahmed

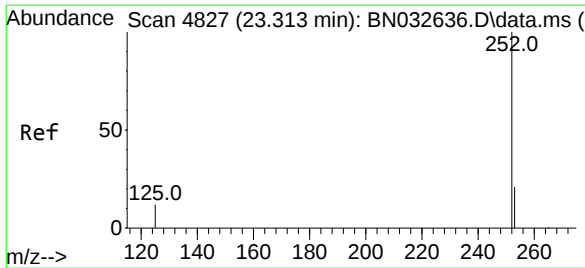
07/16/2024



#25
Benzo(k)fluoranthene
Concen: 2.657 ng/u1 m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

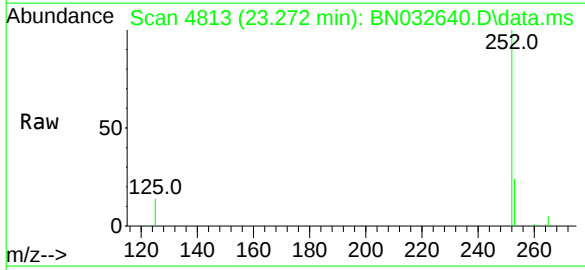
Tgt Ion:252 Resp: 223481
Ion Ratio Lower Upper
252 100
253 23.6 21.2 31.8
125 19.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.489 ng/u1
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Instrument :
BNA_N
ClientSampleId :
A4CE1MSD



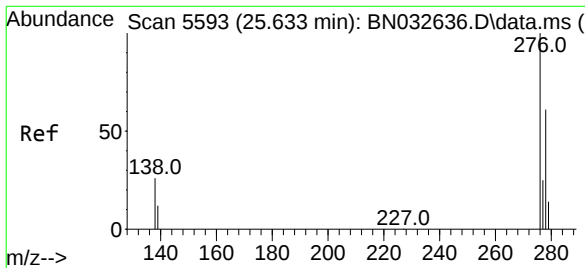
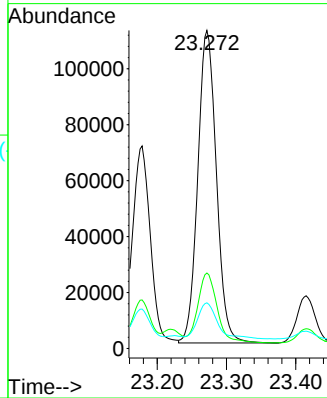
Tgt Ion:252 Resp: 208385
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0#
125 14.4 20.6 30.8#

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

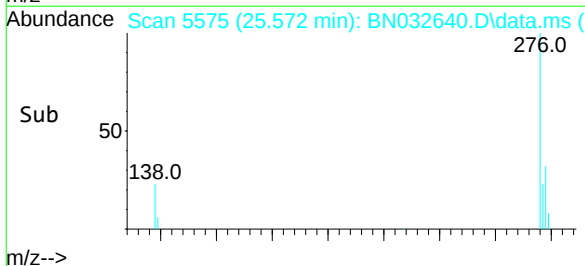
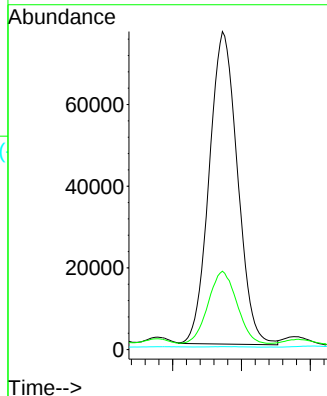
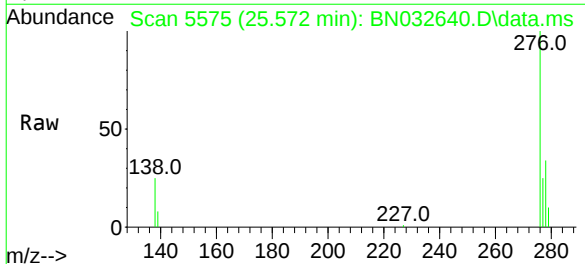
07/12/2024
Supervised By :mohammad
ahmed

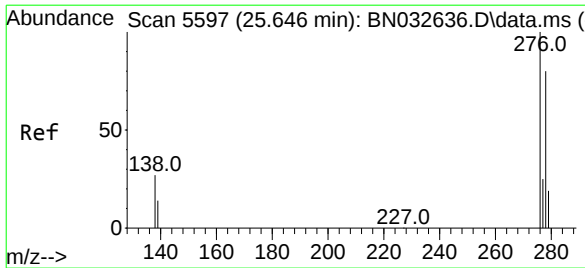
07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.702 ng/u1
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032640.D
Acq: 11 Jul 2024 17:44

Tgt Ion:276 Resp: 218497
Ion Ratio Lower Upper
276 100
138 23.9 21.6 32.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.390 ng/ul

RT: 25.572 min Scan# 55

Delta R.T. -0.067 min

Lab File: BN032640.D

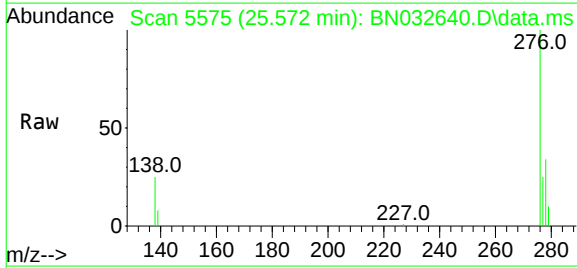
Acq: 11 Jul 2024 17:44

Instrument :

BNA_N

ClientSampleId :

A4CE1MSD



Tgt Ion:278 Resp: 87140

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

279 28.2 23.7 35.5

Manual Integrations

APPROVED

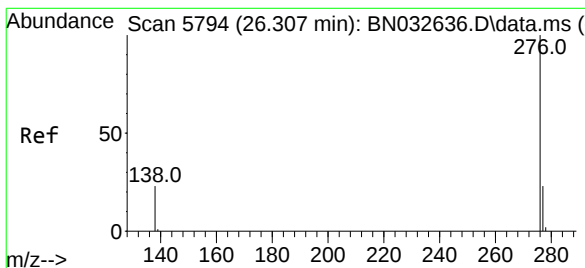
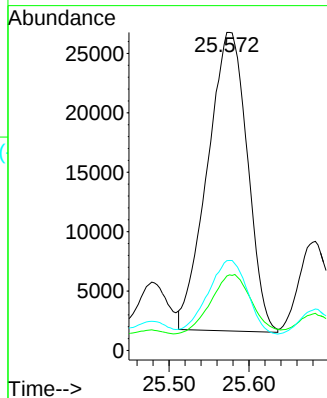
Reviewed By :Jagrut

Upadhyay

07/12/2024

Supervised By :mohammad
ahmed

07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 1.150 ng/ul

RT: 26.253 min Scan# 5778

Delta R.T. -0.047 min

Lab File: BN032640.D

Acq: 11 Jul 2024 17:44

Tgt Ion:276 Resp: 77705

Ion Ratio Lower Upper

276 100

138 25.8 21.0 31.4

277 26.8 20.6 31.0

