

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032651.D
 Acq On : 12 Jul 2024 00:22
 Operator : MA/JU
 Sample : P3035-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX7

Manual Integrations APPROVED

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

Quant Time: Jul 12 01:57:18 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	7.557	152	6557	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19548	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10165	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	19348m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	15285m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	17399m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	25360	3.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	6521	0.221	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	12597	0.253	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.376	128	10829	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	3005	0.092	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	2222	0.066	ng/ul	100
10) Acenaphthylene	13.925	152	15489	0.377	ng/ul	99
11) Acenaphthene	14.267	153	7406	0.218	ng/ul	100
12) Fluorene	15.262	166	8861	0.228	ng/ul	99
15) Phenanthrene	17.003	178	166524m	3.160	ng/ul	
16) Anthracene	17.096	178	33025m	0.767	ng/ul	
19) Fluoranthene	19.031	202	335153	5.393	ng/ul	98
20) Pyrene	19.399	202	249401	3.877	ng/ul	97
21) Benzo(a)anthracene	21.153	228	161566m	3.321	ng/ul	
22) Chrysene	21.206	228	169802	2.412	ng/ul	97
24) Benzo(b)fluoranthene	22.708	252	242324m	3.947	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	84660m	1.132	ng/ul	
26) Benzo(a)pyrene	23.266	252	99552	1.874	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.572	276	93345	1.298	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.572	278	31345	0.562	ng/ul#	84
29) Benzo(g,h,i)perylene	26.257	276	14193	0.236	ng/ul#	76

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

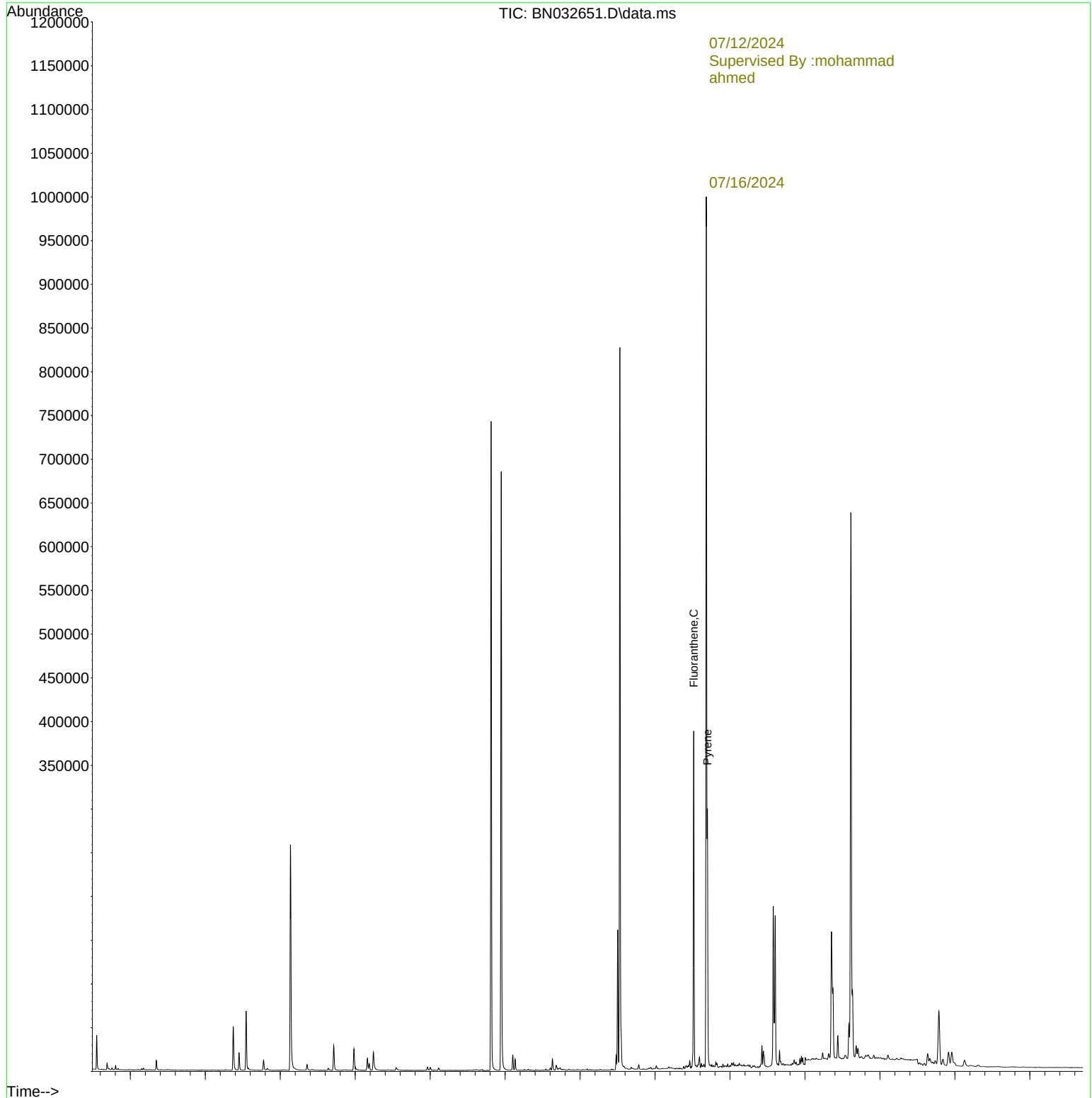
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032651.D
Acq On : 12 Jul 2024 00:22
Operator : MA/JU
Sample : P3035-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

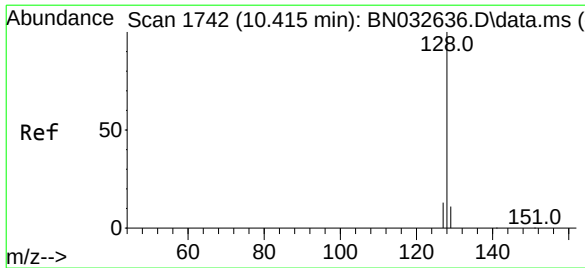
Instrument :
BNA_N
ClientSampleId :
A4CX7

Manual Integrations
APPROVED

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

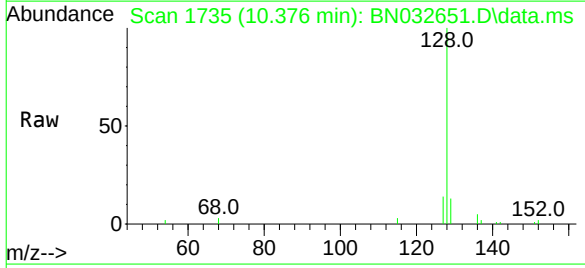
Quant Time: Jul 12 01:57:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.206 ng/u1
RT: 10.376 min Scan# 17
Delta R.T. -0.033 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

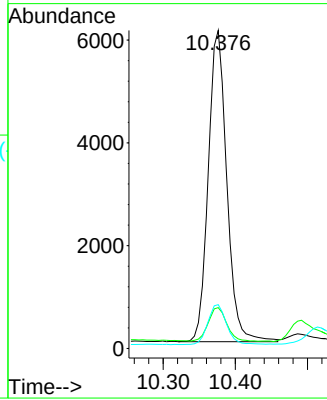
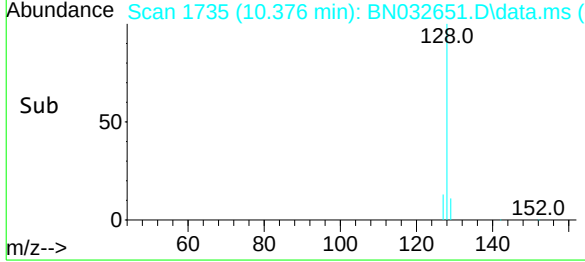
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion:128 Resp: 10829
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 13.8 11.6 17.4

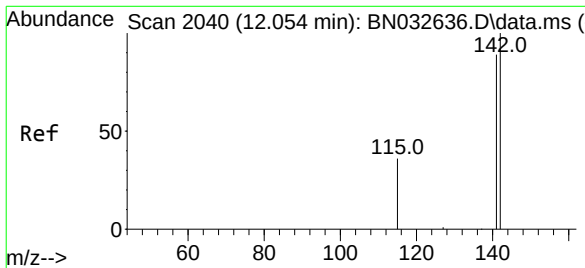
Manual Integrations
APPROVED

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



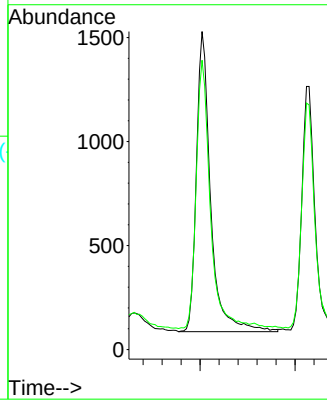
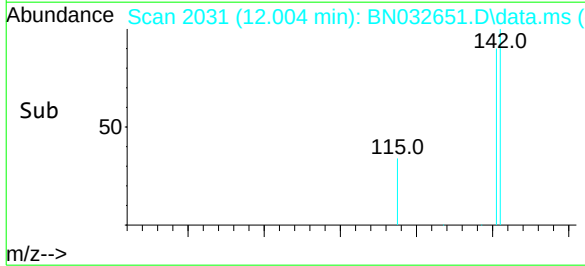
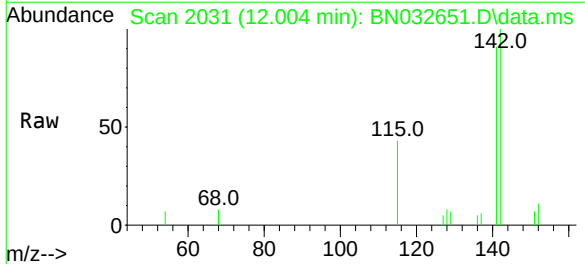
07/12/2024
Supervised By :mohammad
ahmed

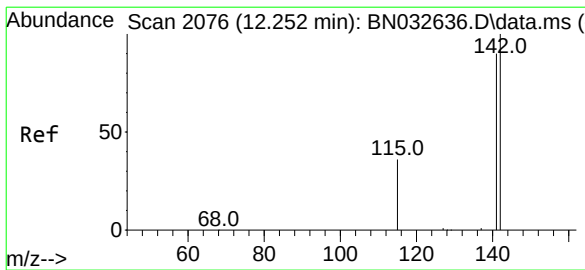
07/16/2024



#7
2-Methylnaphthalene
Concen: 0.092 ng/u1
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

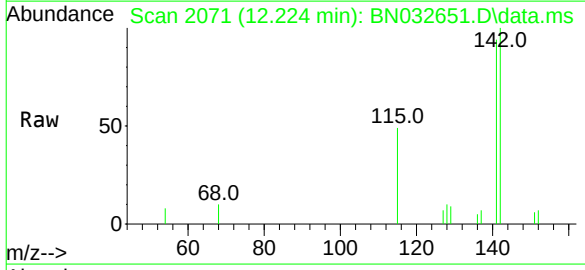
Tgt Ion:142 Resp: 3005
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.066 ng/u1
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

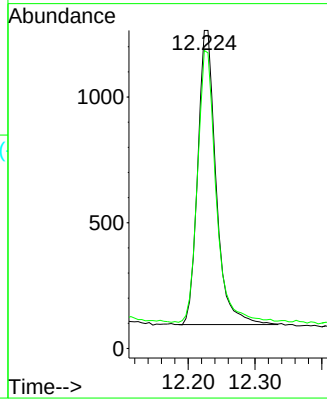
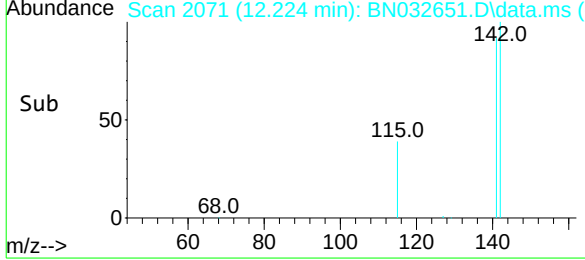
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion:142 Resp: 2222
Ion Ratio Lower Upper
142 100
141 93.9 75.0 112.4

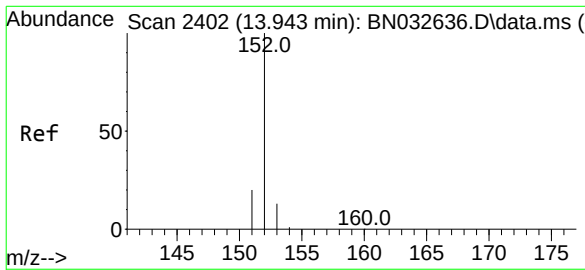
Manual Integrations
APPROVED

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



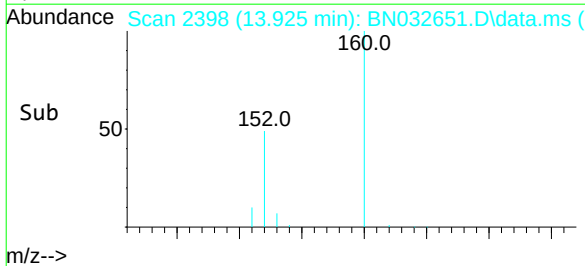
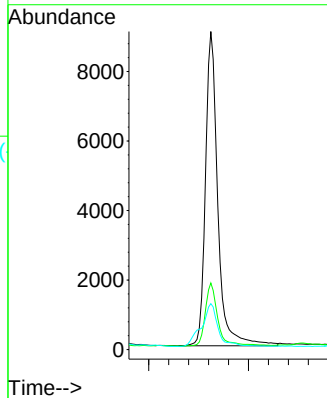
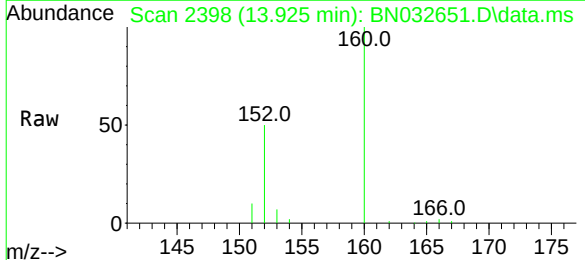
07/12/2024
Supervised By :mohammad
ahmed

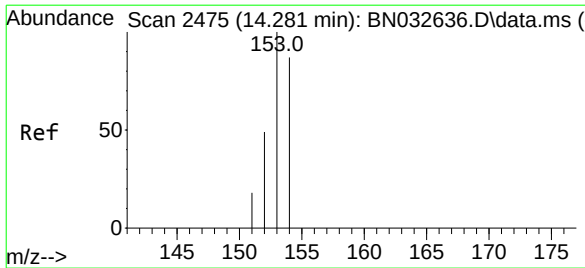
07/16/2024



#10
Acenaphthylene
Concen: 0.377 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

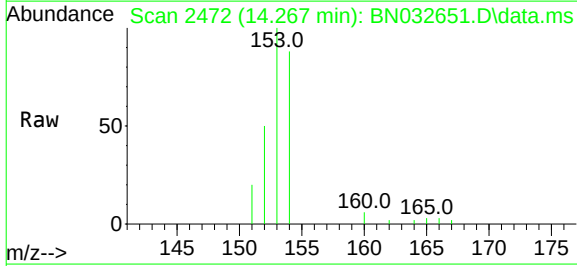
Tgt Ion:152 Resp: 15489
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.4 11.3 16.9





#11
Acenaphthene
Concen: 0.218 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

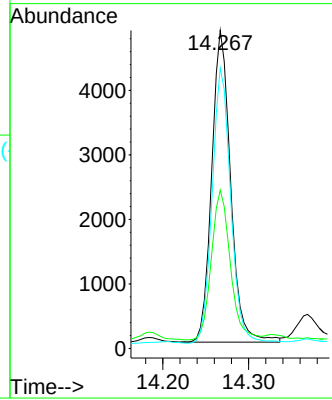
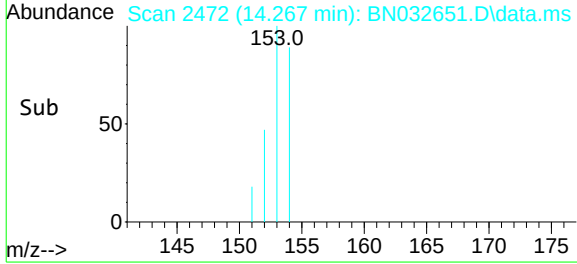
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion:153 Resp: 7406
Ion Ratio Lower Upper
153 100
152 49.8 40.0 60.0
154 88.2 70.2 105.4

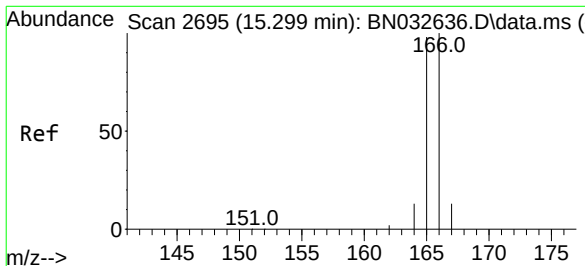
Manual Integrations
APPROVED

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

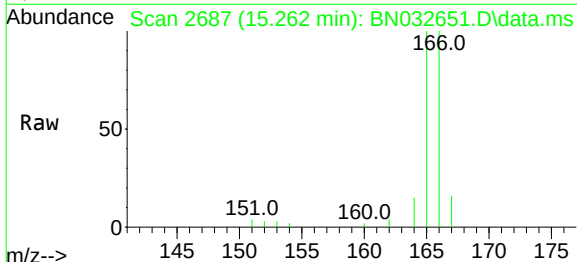


07/12/2024
Supervised By :mohammad
ahmed

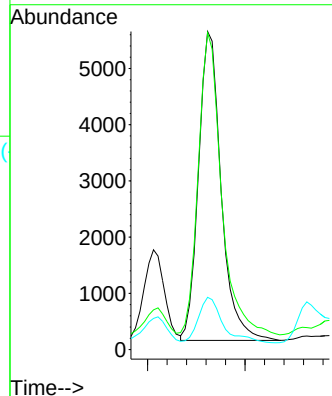
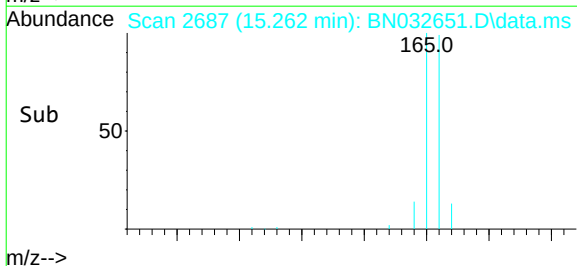
07/16/2024

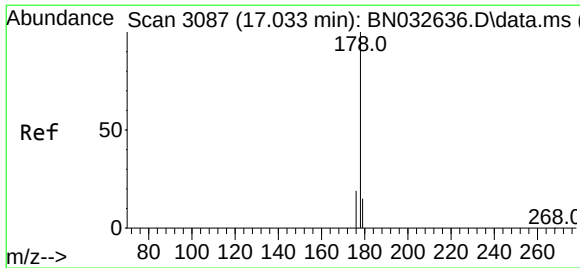


#12
Fluorene
Concen: 0.228 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22



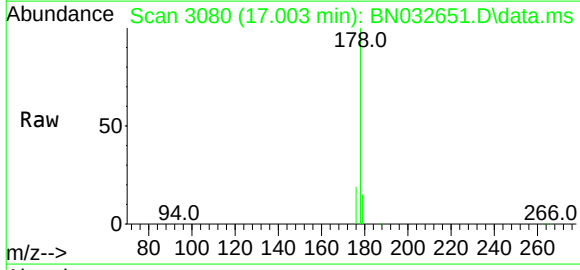
Tgt Ion:166 Resp: 8861
Ion Ratio Lower Upper
166 100
165 99.6 79.7 119.5
167 16.4 11.4 17.2





#15
Phenanthrene
Concen: 3.160 ng/u1 m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

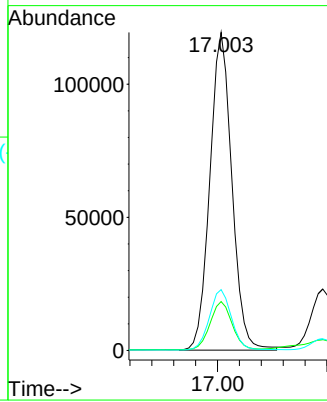
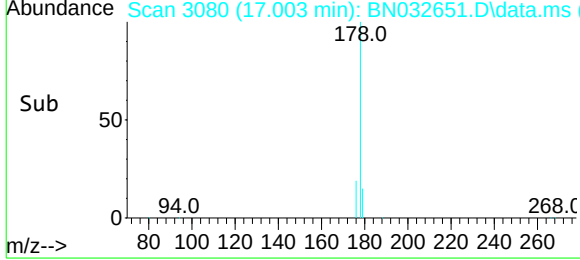
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion:	178	Resp:	166524
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.1	15.6	23.4

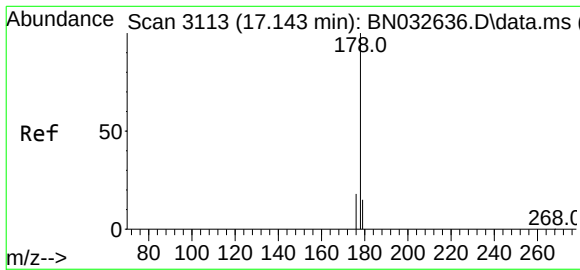
Manual Integrations
APPROVED

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



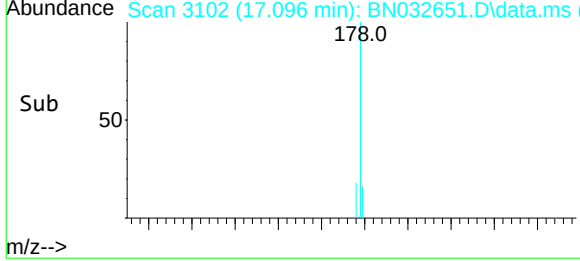
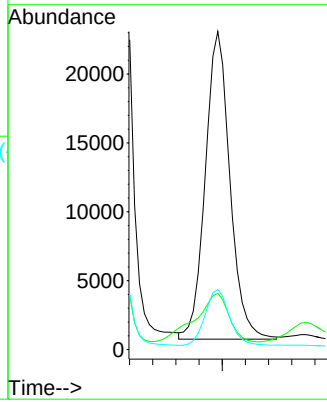
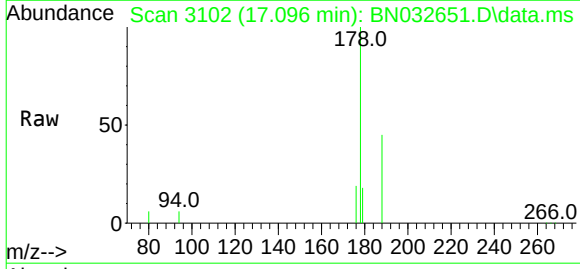
07/12/2024
Supervised By :mohammad
ahmed

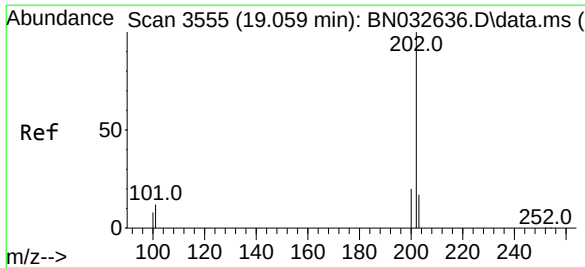
07/16/2024



#16
Anthracene
Concen: 0.767 ng/u1 m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

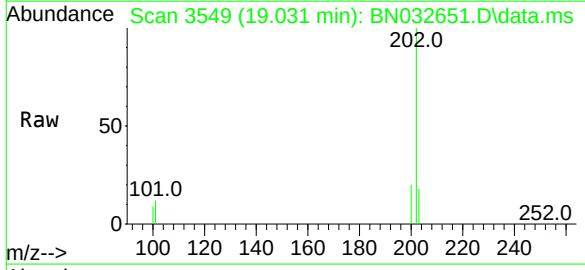
Tgt Ion:	178	Resp:	33025
Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.4	20.2
176	18.9	15.4	23.0





#19
Fluoranthene
Concen: 5.393 ng/u1
RT: 19.031 min Scan# 3515
Delta R.T. -0.023 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

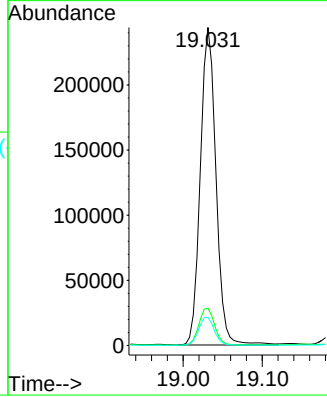
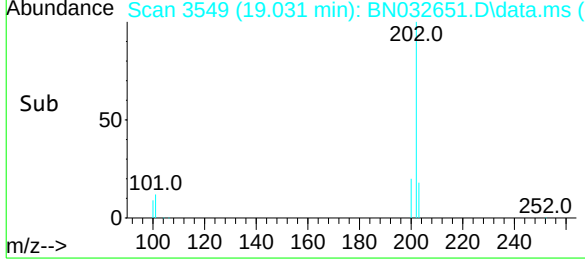
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	8.9	7.9	11.9

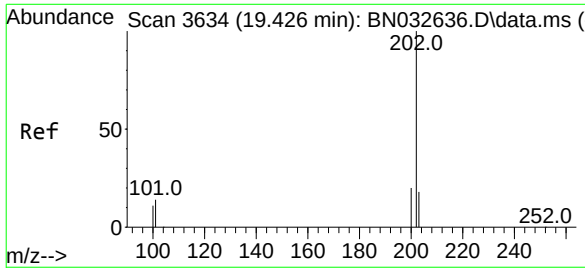
Manual Integrations
APPROVED

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



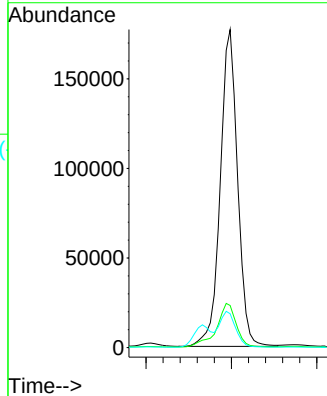
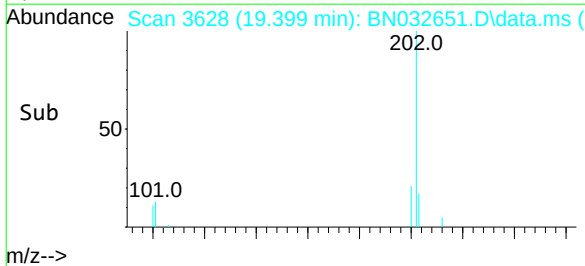
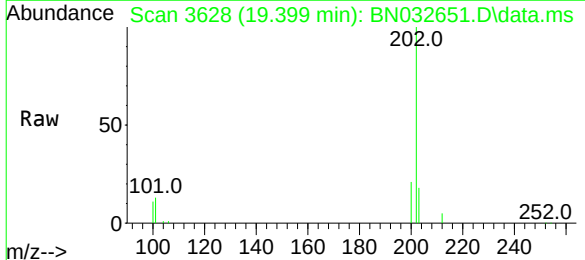
07/12/2024
Supervised By :mohammad
ahmed

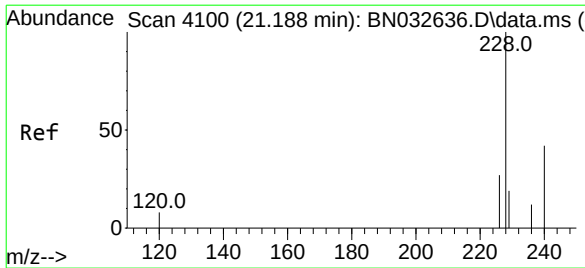
07/16/2024



#20
Pyrene
Concen: 3.877 ng/u1
RT: 19.399 min Scan# 3628
Delta R.T. -0.023 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

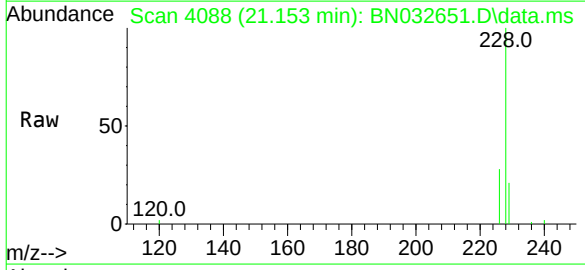
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.8	17.6
100	10.7	9.6	14.4





#21
Benzo(a)anthracene
Concen: 3.321 ng/u1 m
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

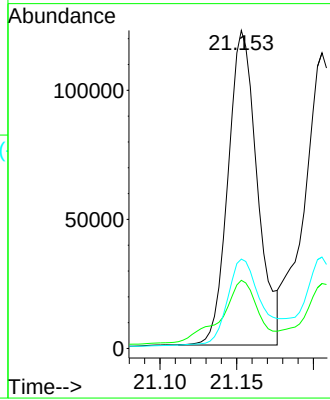
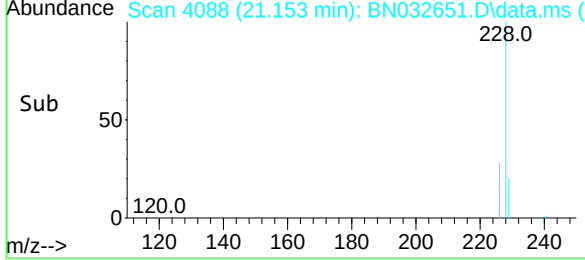
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion:	228	Resp:	161566
Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.1	24.1
226	28.1	21.9	32.9

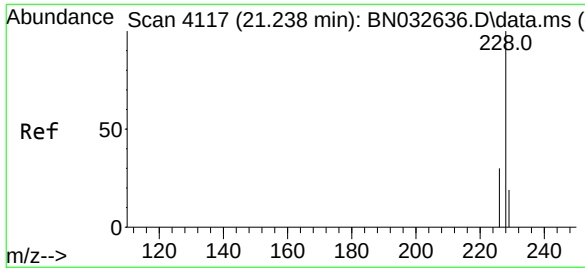
Manual Integrations
APPROVED

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



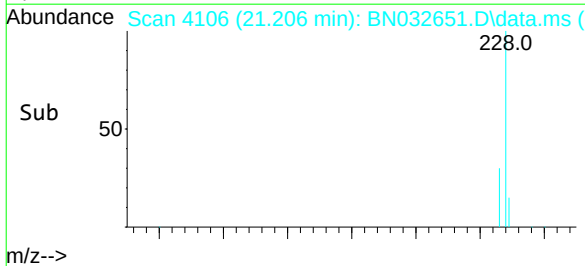
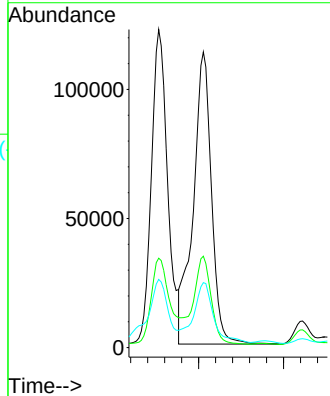
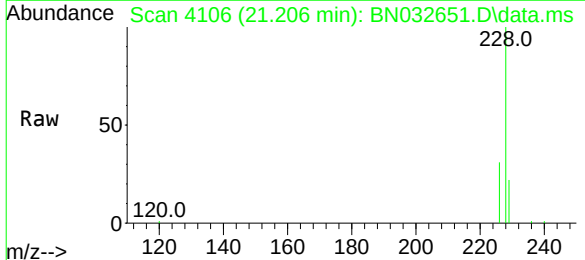
07/12/2024
Supervised By :mohammad
ahmed

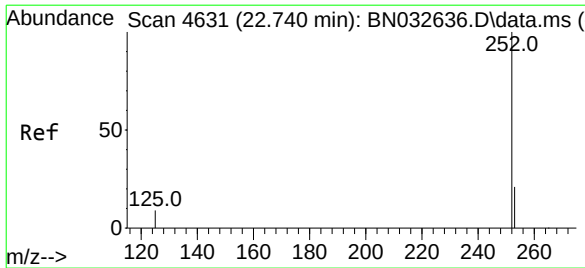
07/16/2024



#22
Chrysene
Concen: 2.412 ng/u1
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

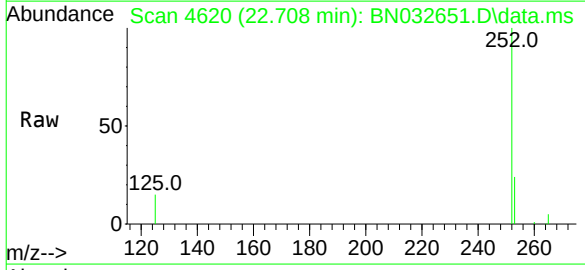
Tgt Ion:	228	Resp:	169802
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	22.0	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 3.947 ng/ul m
RT: 22.708 min Scan# 46
Delta R.T. -0.026 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

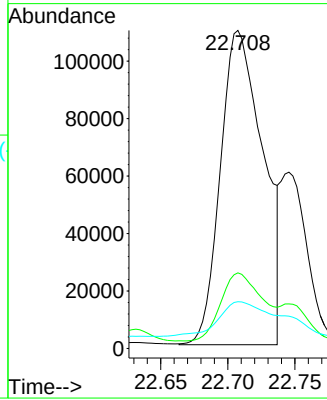
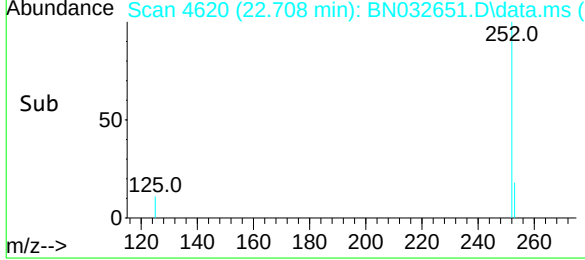
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion:	252	Resp:	242324
Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	54.0
125	14.7	0.0	36.0

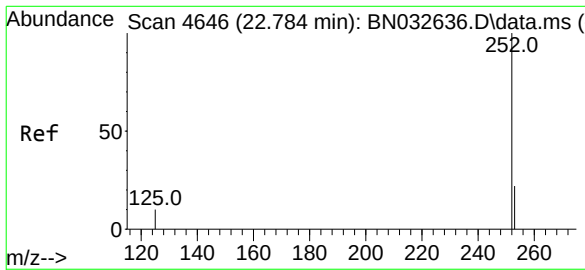
Manual Integrations
APPROVED

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



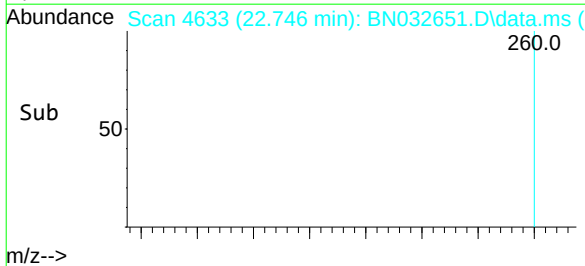
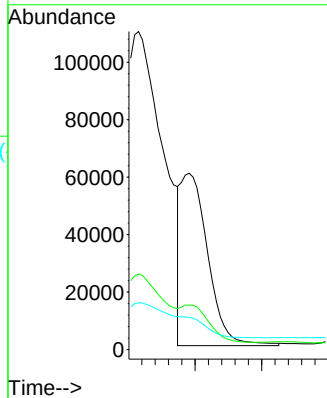
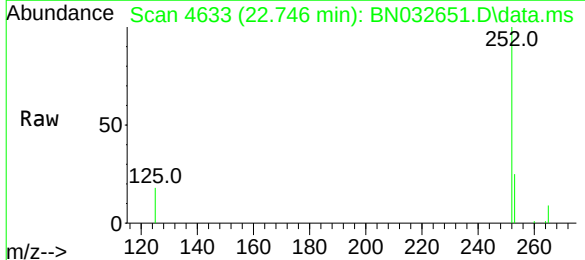
07/12/2024
Supervised By :mohammad
ahmed

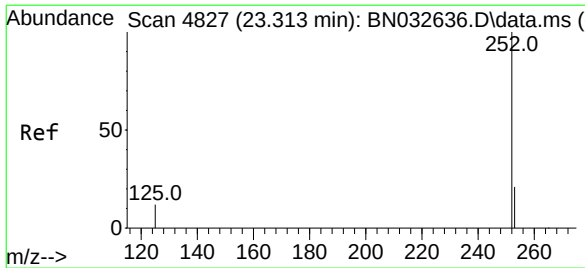
07/16/2024



#25
Benzo(k)fluoranthene
Concen: 1.132 ng/ul m
RT: 22.746 min Scan# 4633
Delta R.T. -0.032 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

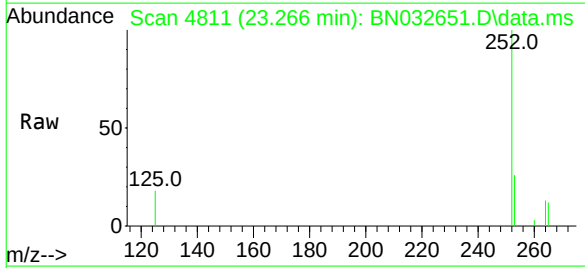
Tgt Ion:	252	Resp:	84660
Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.2	31.8
125	18.3	14.8	22.2





#26
Benzo(a)pyrene
Concen: 1.874 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

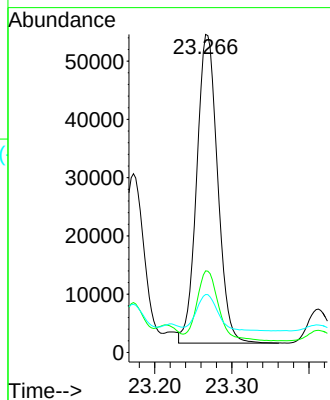
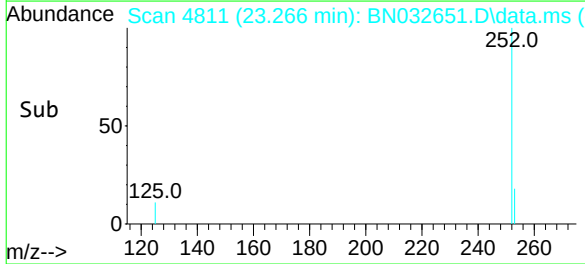
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	25.4	38.0
125	18.2	20.6	30.8

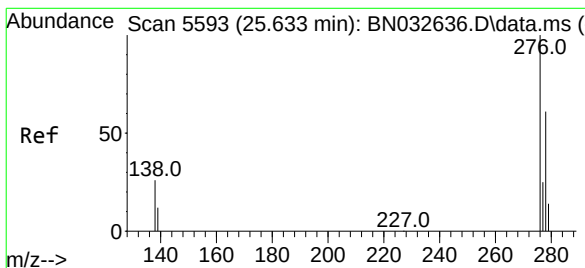
Manual Integrations
APPROVED

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



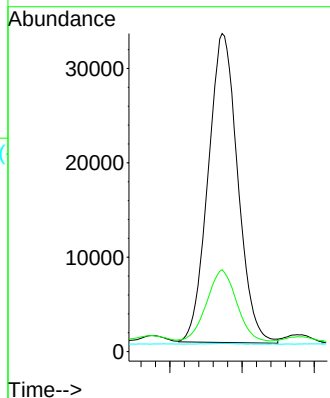
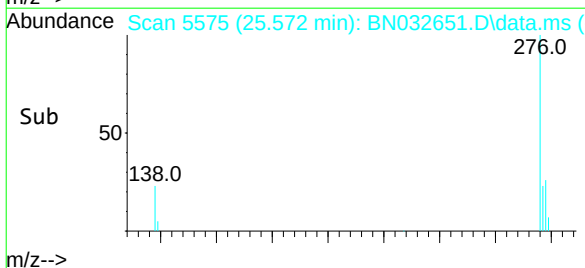
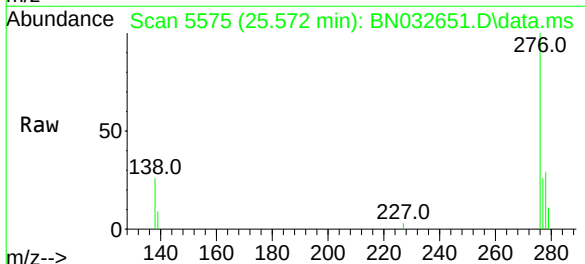
07/12/2024
Supervised By :mohammad
ahmed

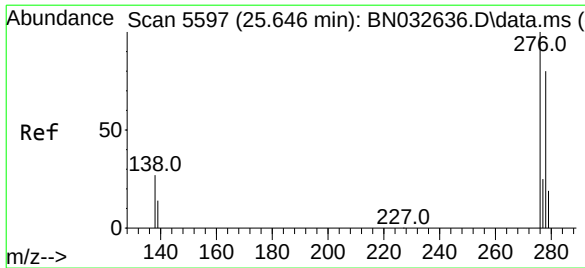
07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.298 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

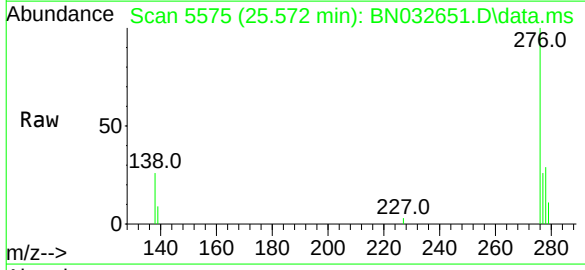
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.6	32.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.562 ng/u1
RT: 25.572 min Scan# 5597
Delta R.T. -0.067 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22

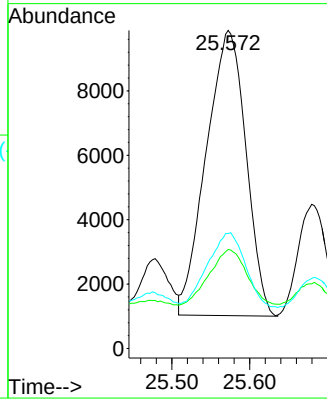
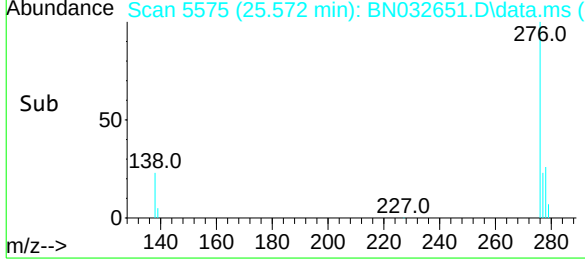
Instrument :
BNA_N
ClientSampleId :
A4CX7



Tgt Ion: 278 Resp: 31345
Ion Ratio Lower Upper
278 100
139 31.1 16.6 24.8#
279 36.2 23.7 35.5#

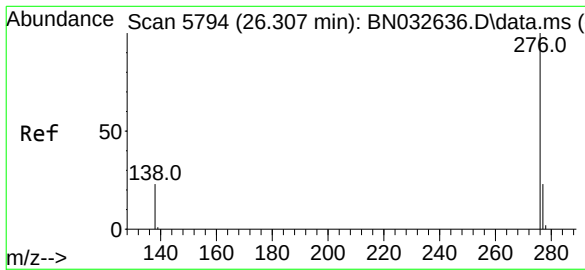
Manual Integrations
APPROVED

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

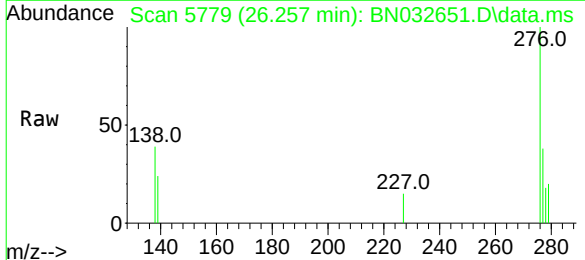


07/12/2024
Supervised By :mohammad
ahmed

07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.236 ng/u1
RT: 26.257 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032651.D
Acq: 12 Jul 2024 00:22



Tgt Ion: 276 Resp: 14193
Ion Ratio Lower Upper
276 100
138 38.9 21.0 31.4#
277 37.8 20.6 31.0#

