

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033093.D
 Acq On : 30 Jul 2024 07:07
 Operator : MA/JU
 Sample : P3329-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E25

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 07:31:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 29 23:04:40 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.486	152	3086	0.400	ng/ul	#-0.04
4) Naphthalene-d8	10.251	136	10069	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.124	164	47092	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.907	188	18562	0.400	ng/ul	#-0.04
17) Chrysene-d12	21.139	240	19541m	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	29688	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7020	1.798	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152	2989	0.182	ng/ul	-0.07
18) Fluoranthene-d10	18.902	212	51905	0.938	ng/ul	-0.08
Target Compounds						
					Qvalue	
5) Naphthalene	10.339	128	22810075	882.148	ng/ul	94
7) 2-Methylnaphthalene	11.945	142	9004681	514.077	ng/ul	93
8) 1-Methylnaphthalene	12.154	142	5247924	277.047	ng/ul	98
10) Acenaphthylene	13.852	152	879272	4.562	ng/ul#	95
11) Acenaphthene	14.212	153	7913355	54.587	ng/ul	96
12) Fluorene	15.221	166	9129595	54.033	ng/ul	96
15) Phenanthrene	17.000	178	24331299	488.697	ng/ul	99
16) Anthracene	17.063	178	6970273	155.714	ng/ul	97
19) Fluoranthene	19.018	202	19454513	302.367	ng/ul#	90
20) Pyrene	19.372	202	14419928	208.989	ng/ul#	90
21) Benzo(a)anthracene	21.125	228	8179495	122.716	ng/ul	98
22) Chrysene	21.180	228	6548743m	84.188	ng/ul	
24) Benzo(b)fluoranthene	22.671	252	5749497m	66.296	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	2373879m	22.841	ng/ul	
26) Benzo(a)pyrene	23.214	252	2139977	26.219	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.490	276	1017243	8.196	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.480	278	420101	4.271	ng/ul#	91
29) Benzo(g,h,i)perylene	26.157	276	111572	1.131	ng/ul	94

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

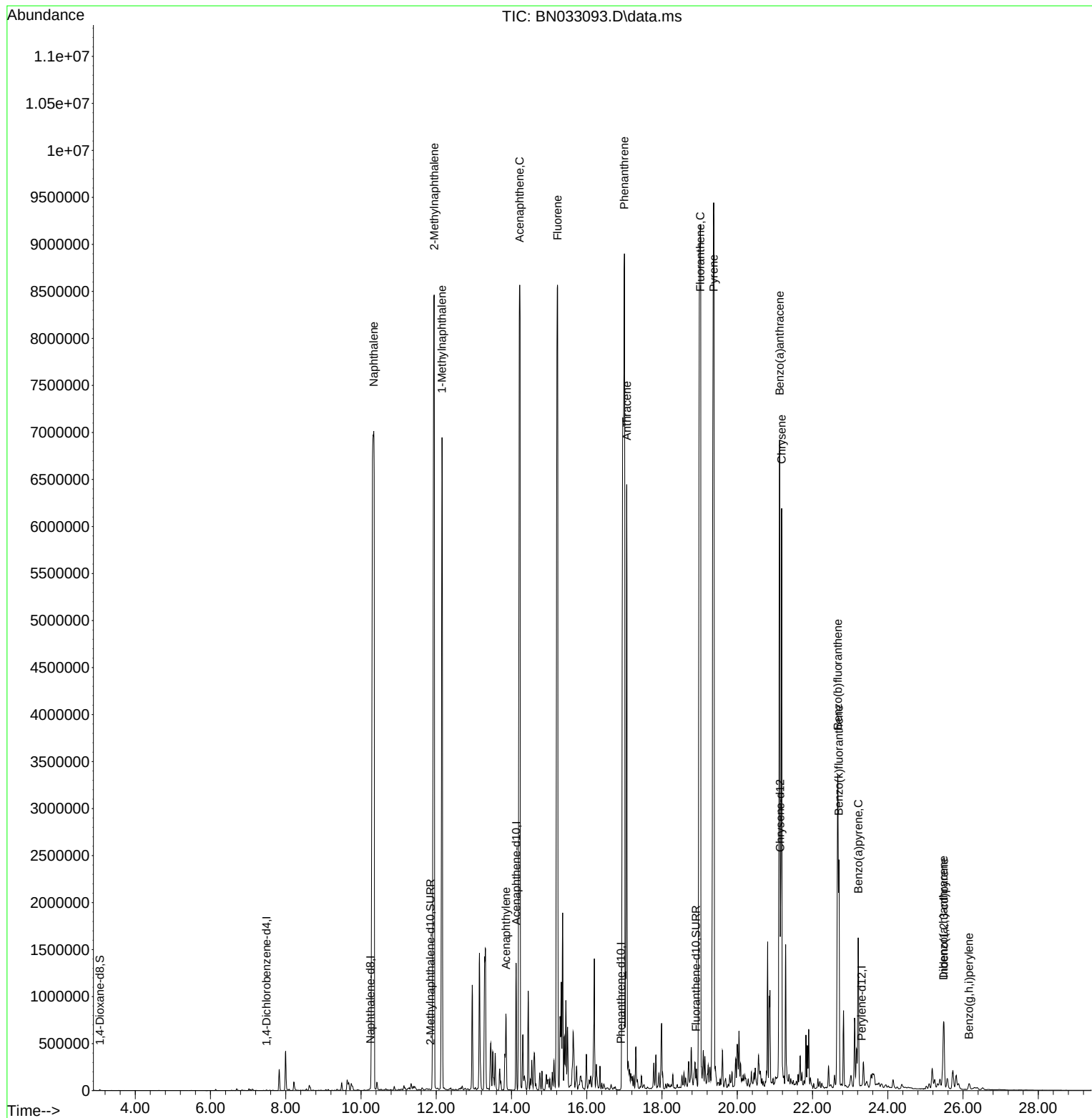
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033093.D
Acq On : 30 Jul 2024 07:07
Operator : MA/JU
Sample : P3329-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

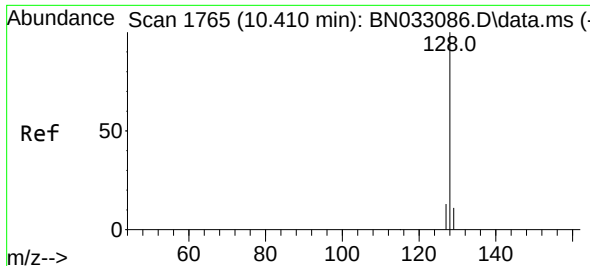
Instrument :
BNA_N
ClientSampleId :
F7E25

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

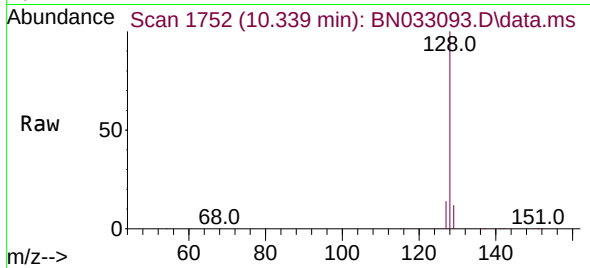
Quant Time: Jul 30 07:31:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 882.148 ng/ul
RT: 10.339 min Scan# 1752
Delta R.T. -0.011 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

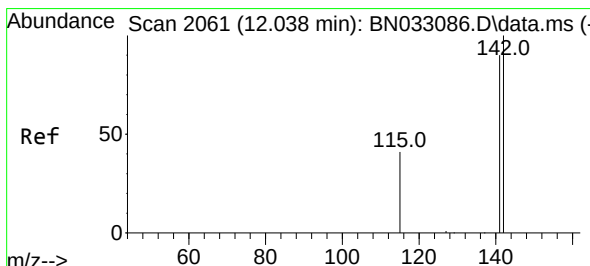
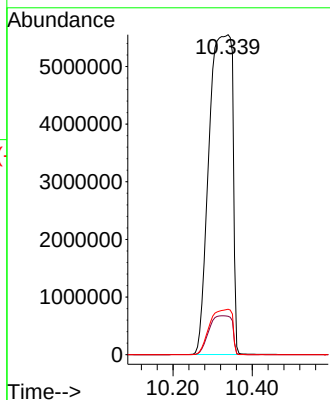
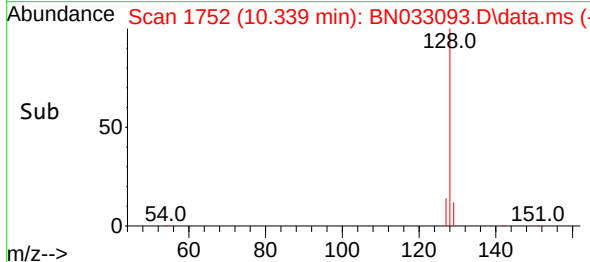
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:128 Resp:22810079
Ion Ratio Lower Upper
128 100
129 12.0 12.0 18.0
127 14.2 12.7 19.1

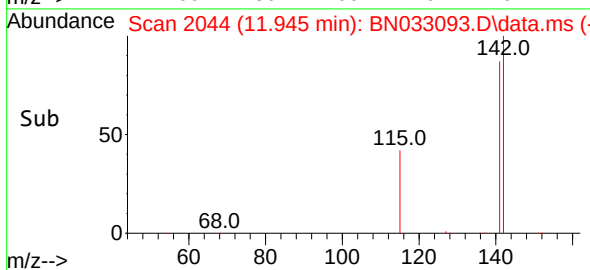
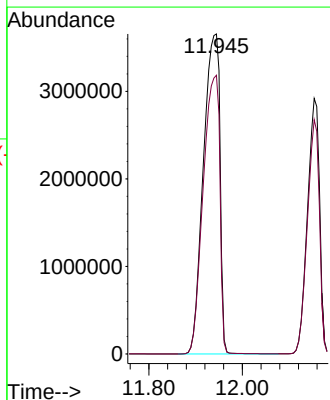
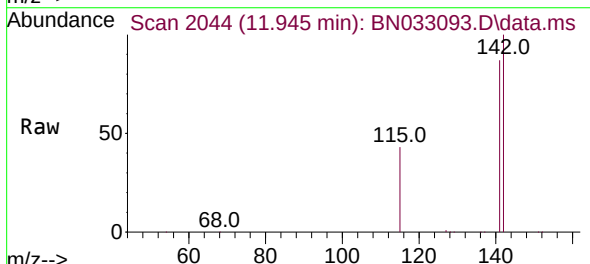
Manual Integrations
APPROVED

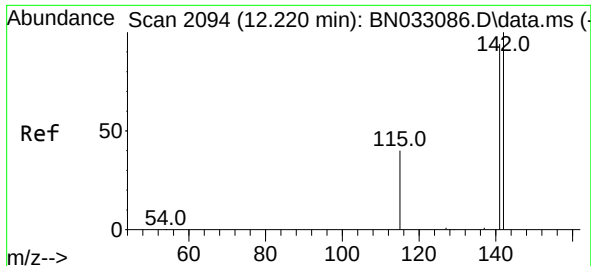
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 514.077 ng/ul
RT: 11.945 min Scan# 2044
Delta R.T. -0.038 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

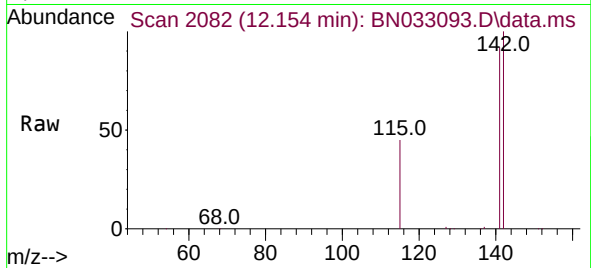
Tgt Ion:142 Resp: 9004681
Ion Ratio Lower Upper
142 100
141 87.4 75.2 112.8





#8
1-Methylnaphthalene
Concen: 277.047 ng/ul
RT: 12.154 min Scan# 2094
Delta R.T. -0.044 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

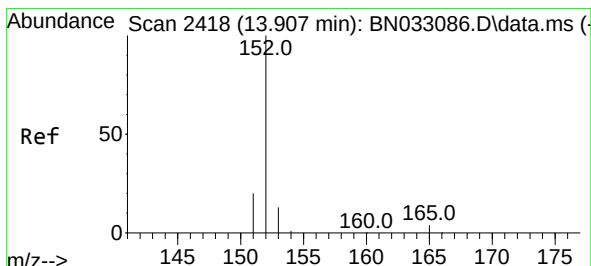
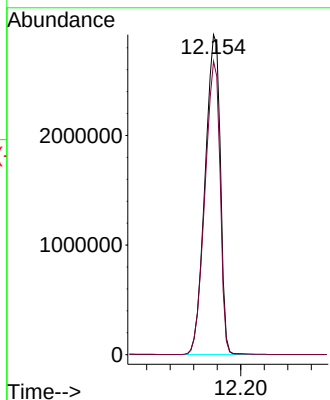
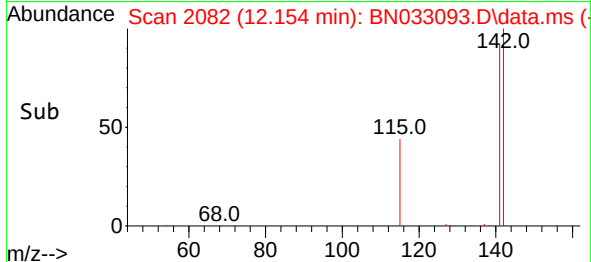
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:142 Resp: 5247924
Ion Ratio Lower Upper
142 100
141 91.3 74.3 111.5

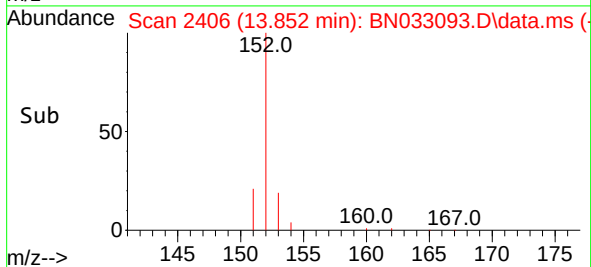
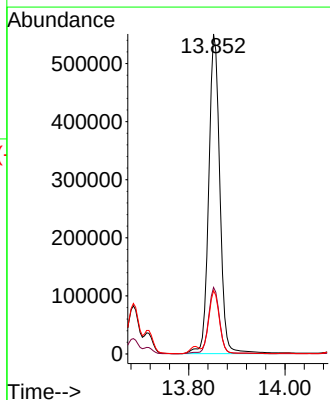
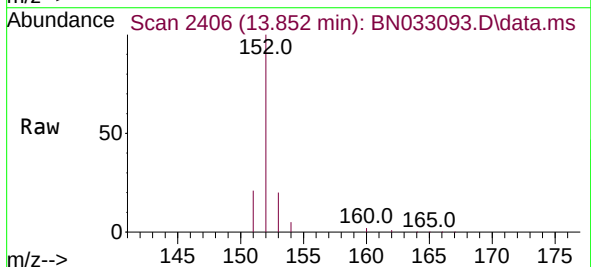
Manual Integrations
APPROVED

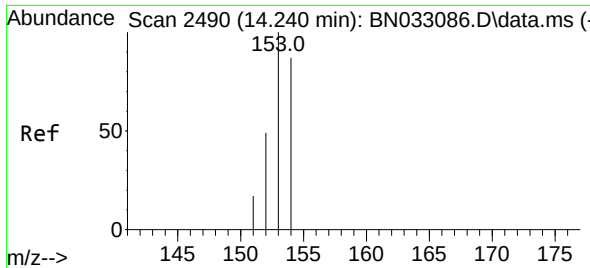
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 4.562 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

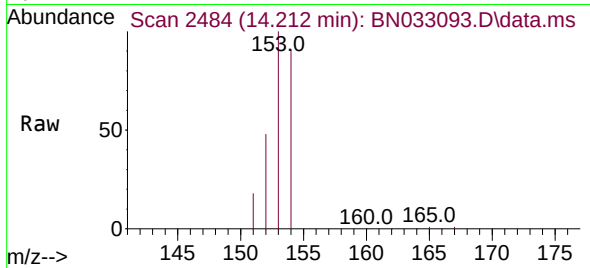
Tgt Ion:152 Resp: 879272
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 19.8 11.9 17.9#





#11
Acenaphthene
Concen: 54.587 ng/ul
RT: 14.212 min Scan# 2490
Delta R.T. -0.023 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

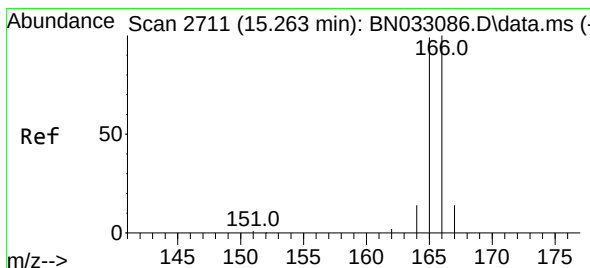
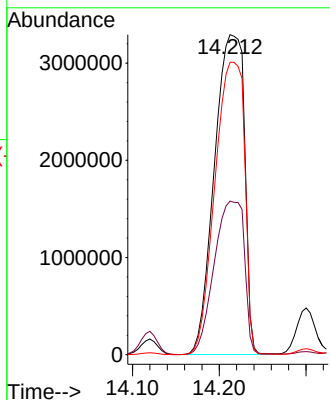
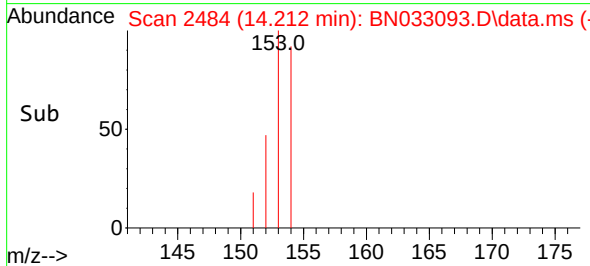
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:153 Resp: 791335
Ion Ratio Lower Upper
153 100
152 48.0 40.0 60.0
154 91.4 70.1 105.1

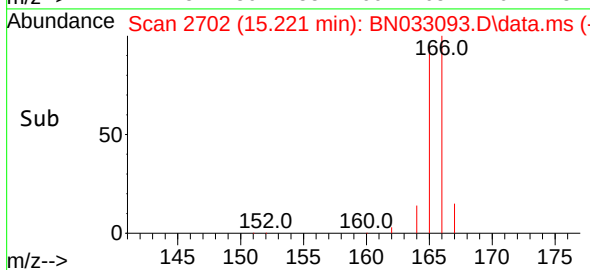
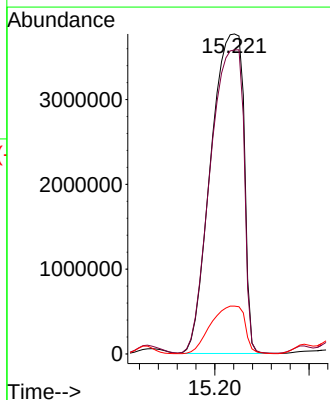
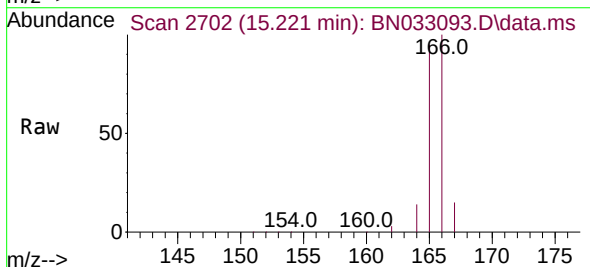
Manual Integrations
APPROVED

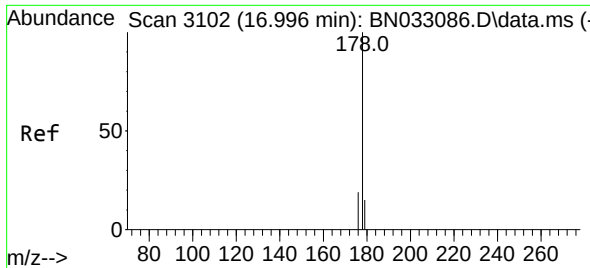
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 54.033 ng/ul
RT: 15.221 min Scan# 2702
Delta R.T. -0.023 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

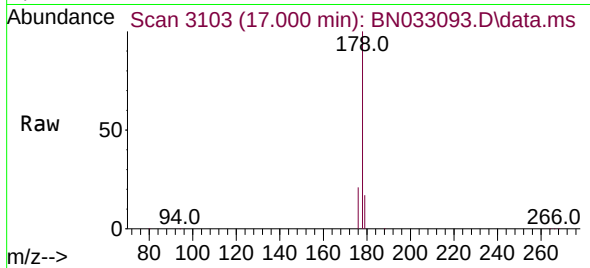
Tgt Ion:166 Resp: 9129595
Ion Ratio Lower Upper
166 100
165 95.0 79.6 119.4
167 14.9 12.2 18.4





#15
Phenanthrene
Concen: 488.697 ng/ul
RT: 17.000 min Scan# 3112
Delta R.T. 0.013 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

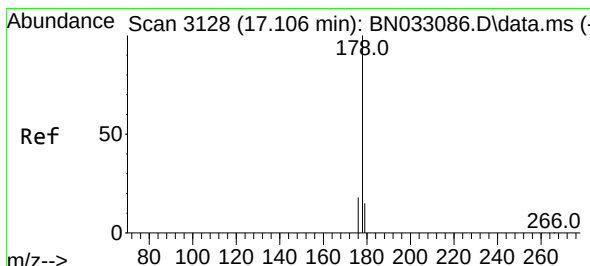
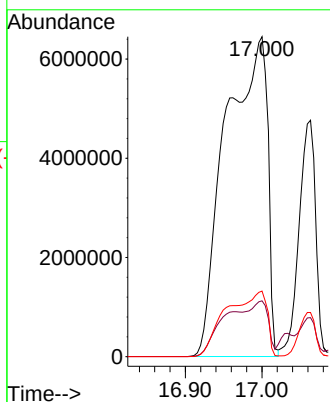
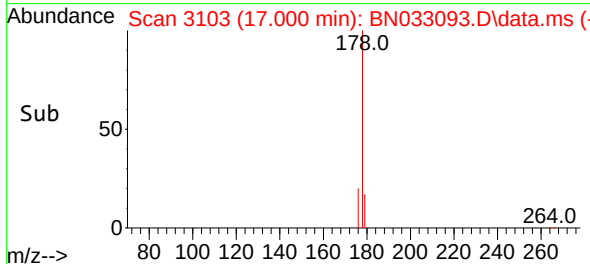
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:178 Resp:24331299
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 20.5 15.9 23.9

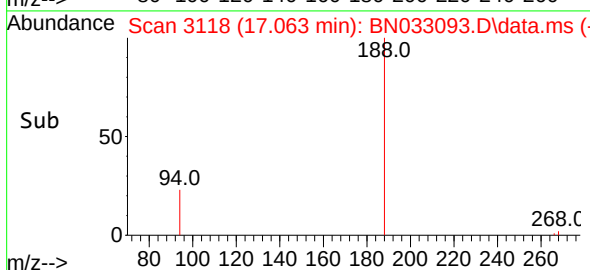
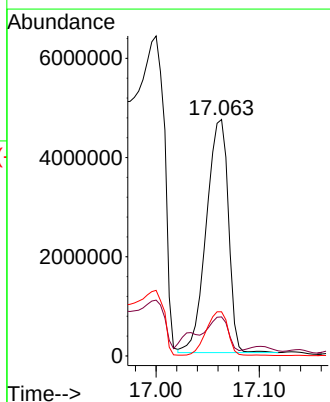
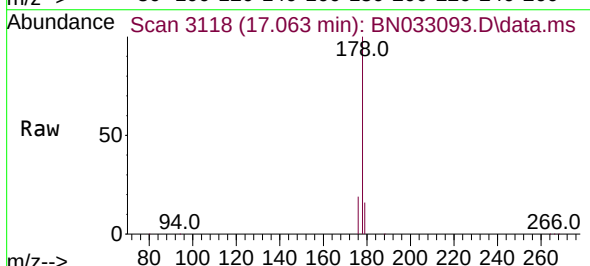
Manual Integrations
APPROVED

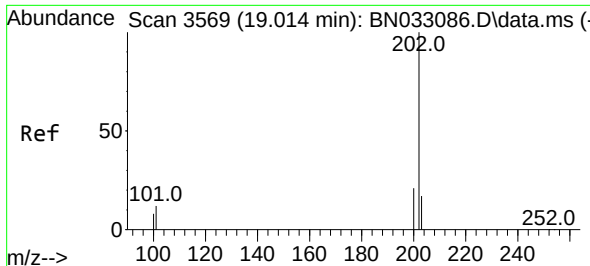
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 155.714 ng/ul
RT: 17.063 min Scan# 3118
Delta R.T. -0.021 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

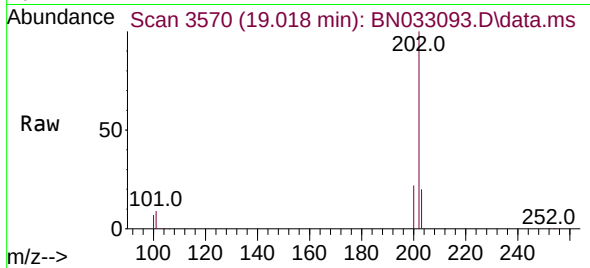
Tgt Ion:178 Resp: 6970273
Ion Ratio Lower Upper
178 100
179 16.5 14.3 21.5
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 302.367 ng/ul
RT: 19.018 min Scan# 3569
Delta R.T. 0.005 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

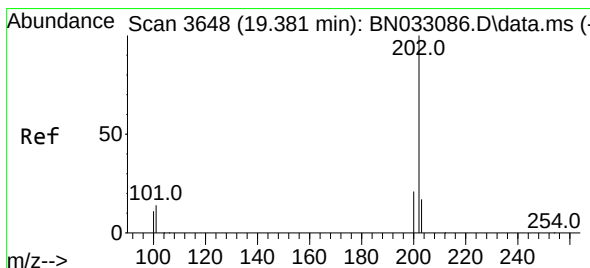
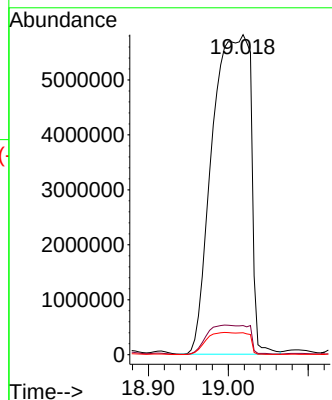
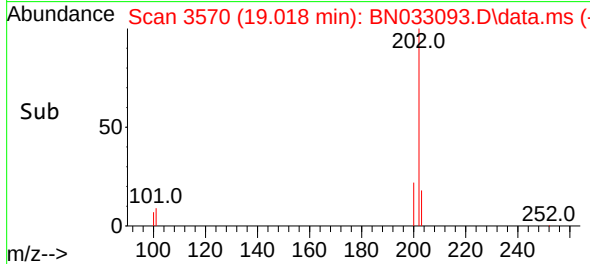
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:202 Resp:1945451
Ion Ratio Lower Upper
202 100
101 9.1 10.7 16.1#
100 6.9 8.3 12.5#

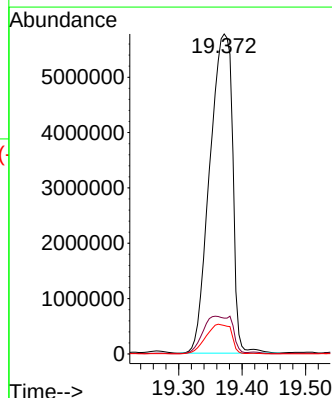
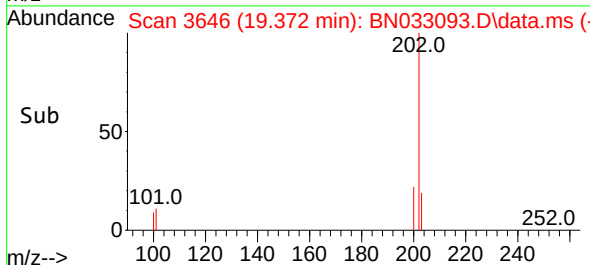
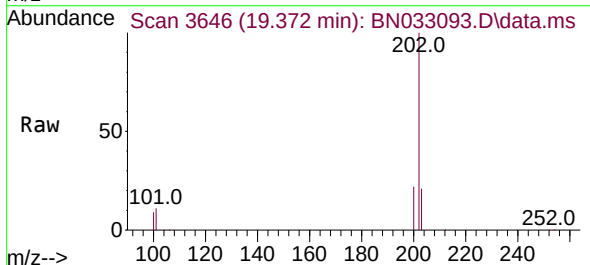
Manual Integrations
APPROVED

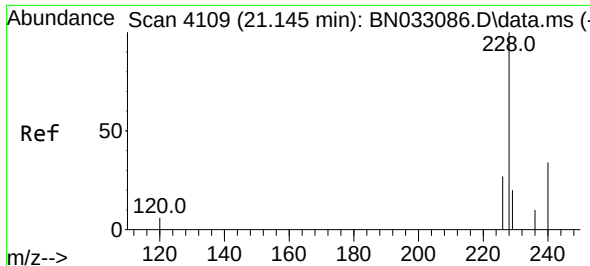
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 208.989 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

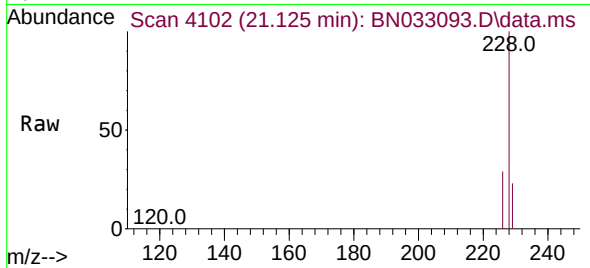
Tgt Ion:202 Resp:14419928
Ion Ratio Lower Upper
202 100
101 11.2 12.6 18.8#
100 8.9 9.9 14.9#





#21
Benzo(a)anthracene
Concen: 122.716 ng/ul
RT: 21.125 min Scan# 4109
Delta R.T. -0.020 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

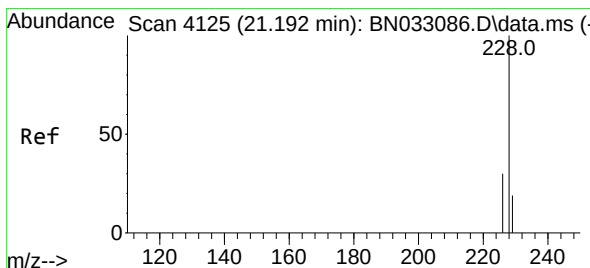
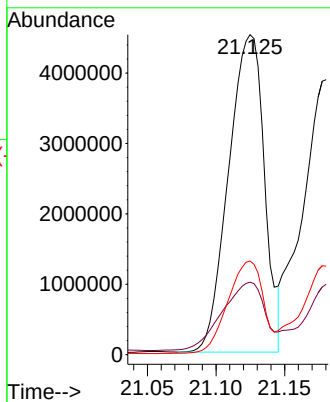
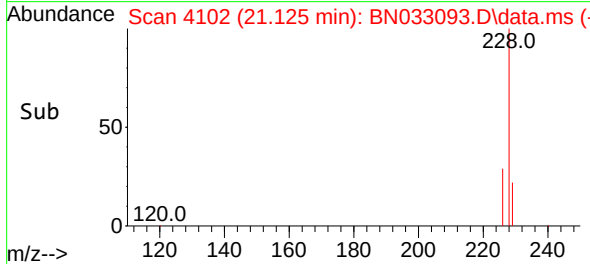
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:228 Resp: 817949
Ion Ratio Lower Upper
228 100
229 22.7 17.1 25.7
226 29.2 22.4 33.6

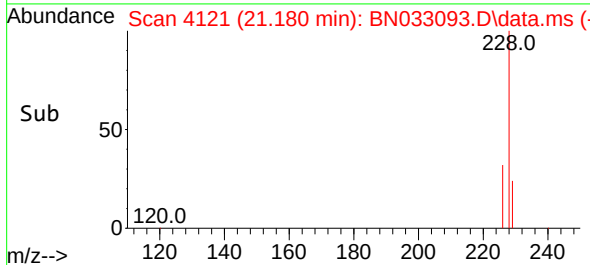
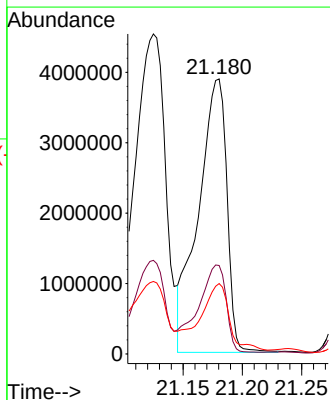
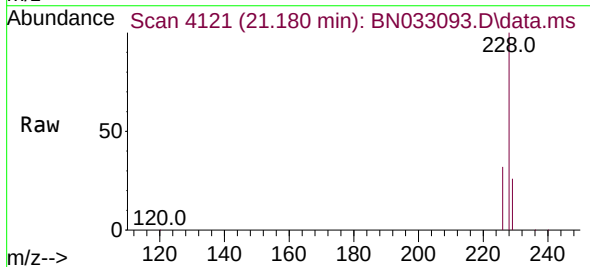
Manual Integrations
APPROVED

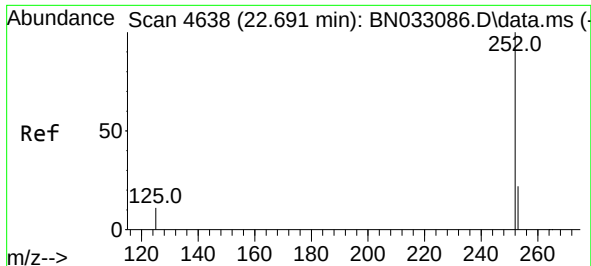
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 84.188 ng/ul m
RT: 21.180 min Scan# 4121
Delta R.T. -0.015 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

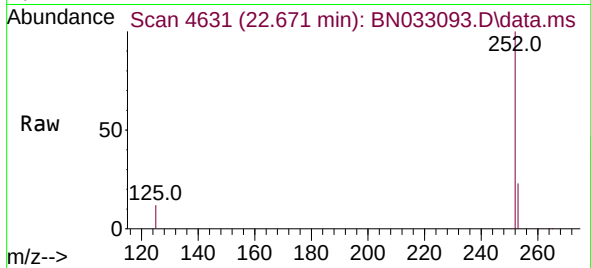
Tgt Ion:228 Resp: 6548743
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 25.6 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 66.296 ng/ul m
RT: 22.671 min Scan# 4631
Delta R.T. -0.023 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

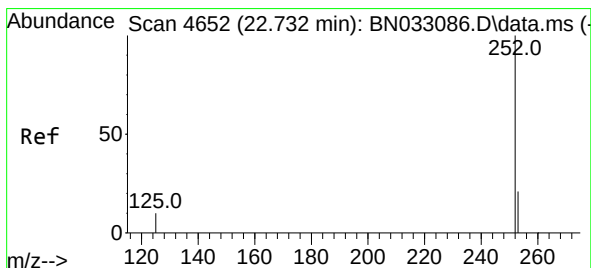
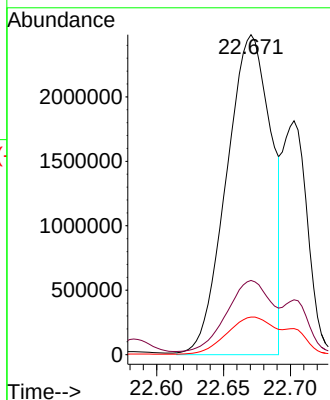
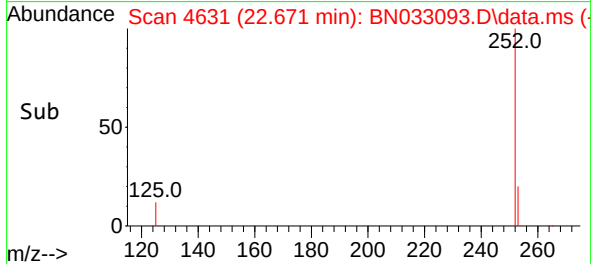
Instrument :
BNA_N
ClientSampleId :
F7E25



Tgt Ion:252 Resp: 574949
Ion Ratio Lower Upper
252 100
253 23.2 0.0 60.6
125 11.8 0.0 51.0

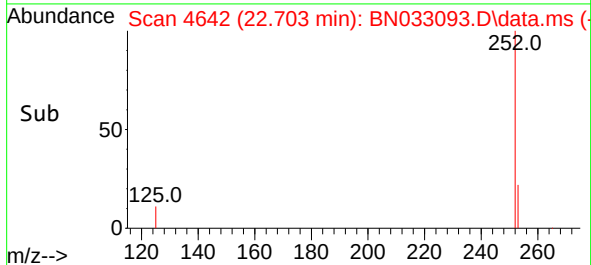
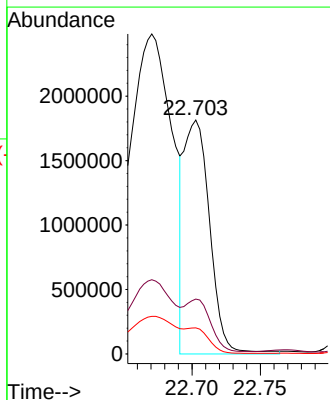
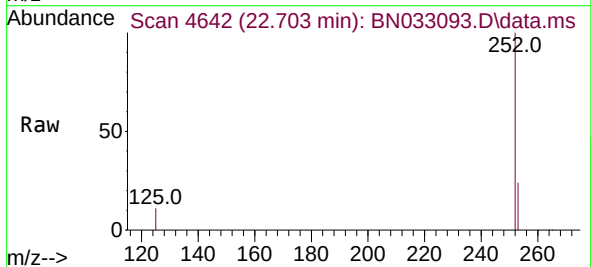
Manual Integrations
APPROVED

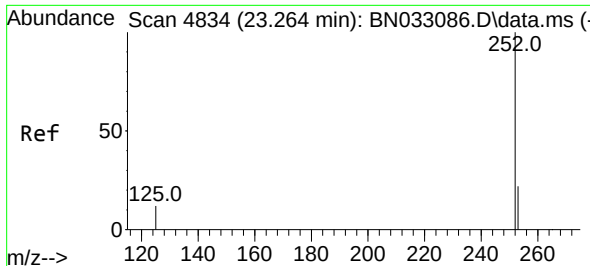
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 22.841 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.032 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

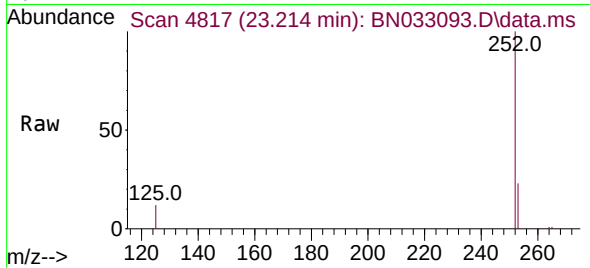
Tgt Ion:252 Resp: 2373879
Ion Ratio Lower Upper
252 100
253 23.5 24.9 37.3#
125 11.2 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 26.219 ng/ul
RT: 23.214 min Scan# 4817
Delta R.T. -0.047 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

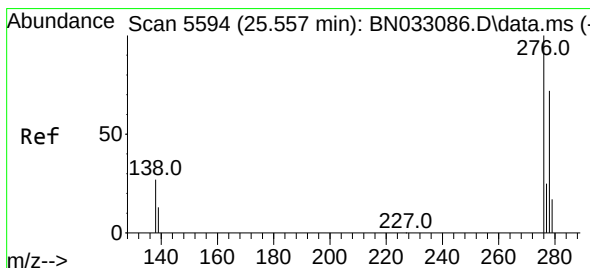
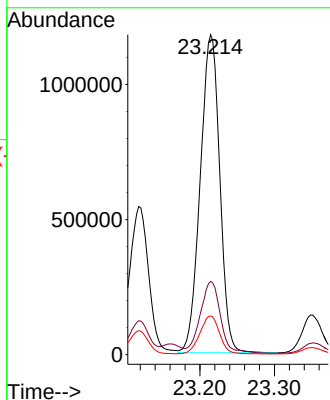
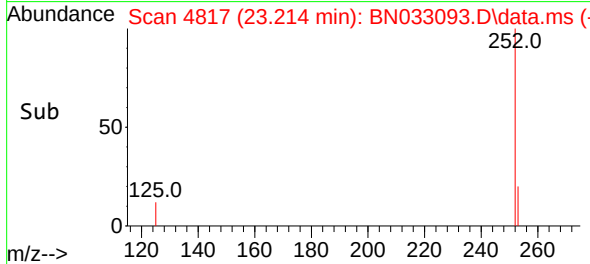
Instrument :
BNA_N
ClientSampleId :
F7E25



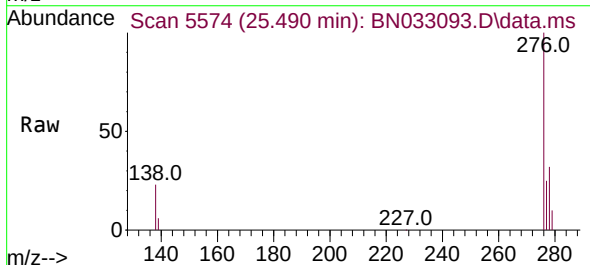
Tgt Ion:252 Resp: 213997
Ion Ratio Lower Upper
252 100
253 22.9 27.5 41.3
125 12.1 27.0 40.6

Manual Integrations
APPROVED

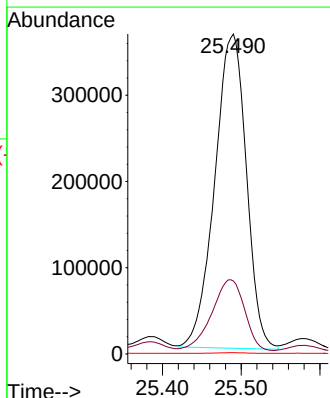
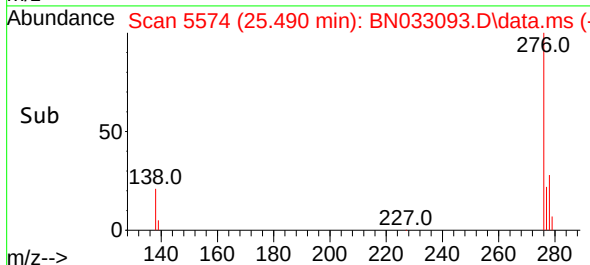
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

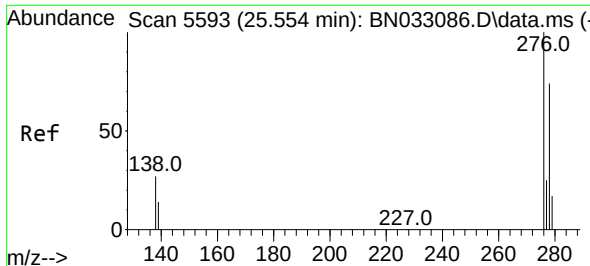


#27
Indeno(1,2,3-cd)pyrene
Concen: 8.196 ng/ul
RT: 25.490 min Scan# 5574
Delta R.T. -0.070 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07



Tgt Ion:276 Resp: 1017243
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
227 0.2 0.2 0.2





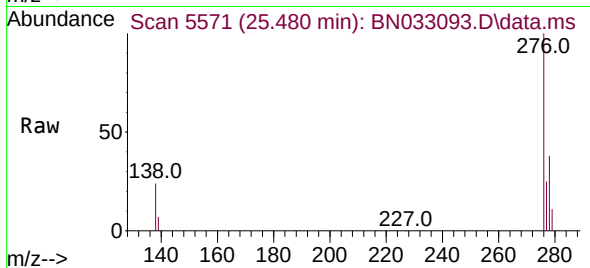
#28
Dibenzo(a,h)anthracene
Concen: 4.271 ng/ul
RT: 25.480 min Scan# 5593
Delta R.T. -0.080 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07

Instrument :

BNA_N

ClientSampleId :

F7E25

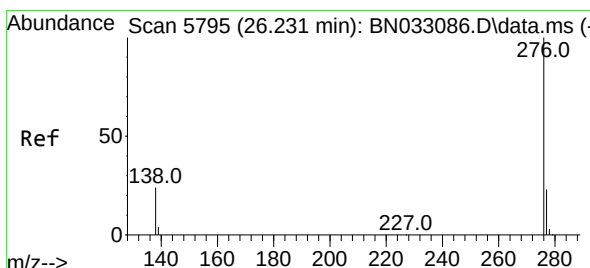
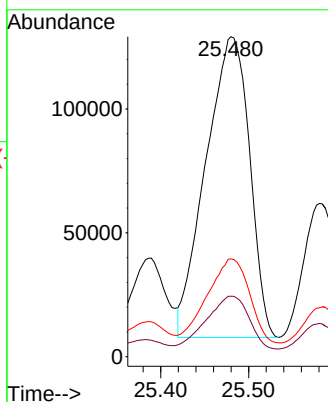
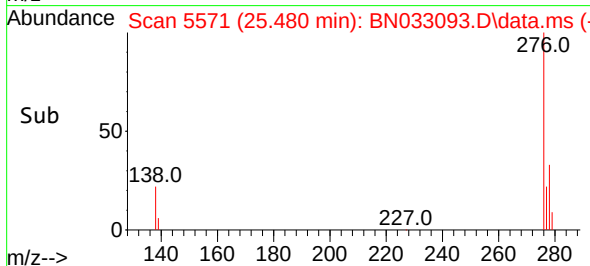


Tgt Ion:278 Resp: 42010
Ion Ratio Lower Upper
278 100
139 18.9 22.5 33.7
279 30.5 25.5 38.3

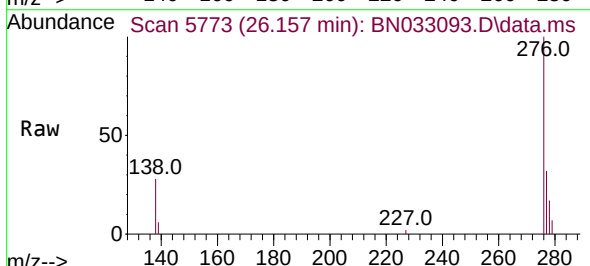
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 1.131 ng/ul
RT: 26.157 min Scan# 5773
Delta R.T. -0.084 min
Lab File: BN033093.D
Acq: 30 Jul 2024 07:07



Tgt Ion:276 Resp: 111572
Ion Ratio Lower Upper
276 100
138 27.7 24.6 37.0
277 32.0 22.6 34.0

