

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032348.D
 Acq On : 29 Jun 2024 12:53
 Operator : MA/JU
 Sample : P2934-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B58

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:55 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	7.612	152	9603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29967	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	31502m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	18773m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	23417m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	34518	3.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10487	0.233	ng/ul	-0.02
18) Fluoranthene-d10	19.050	212	17060m	0.302	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	43570	0.549	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	17172	0.327	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	14616	0.268	ng/ul	99
10) Acenaphthylene	13.980	152	41949	0.597	ng/ul	98
11) Acenaphthene	14.323	153	58405	1.071	ng/ul	98
12) Fluorene	15.313	166	59963	0.922	ng/ul	99
15) Phenanthrene	17.054	178	883008m	10.224	ng/ul	
16) Anthracene	17.147	178	165590m	2.150	ng/ul	
19) Fluoranthene	19.078	202	1189838m	16.644	ng/ul	
20) Pyrene	19.445	202	902157m	12.076	ng/ul	
21) Benzo(a)anthracene	21.200	228	526924m	7.777	ng/ul	
22) Chrysene	21.249	228	550808m	7.406	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	720598m	7.083	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	267856m	2.710	ng/ul	
26) Benzo(a)pyrene	23.336	252	315414m	4.456	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	286832m	2.588	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	98969m	1.202	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	44234m	0.501	ng/ul	

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

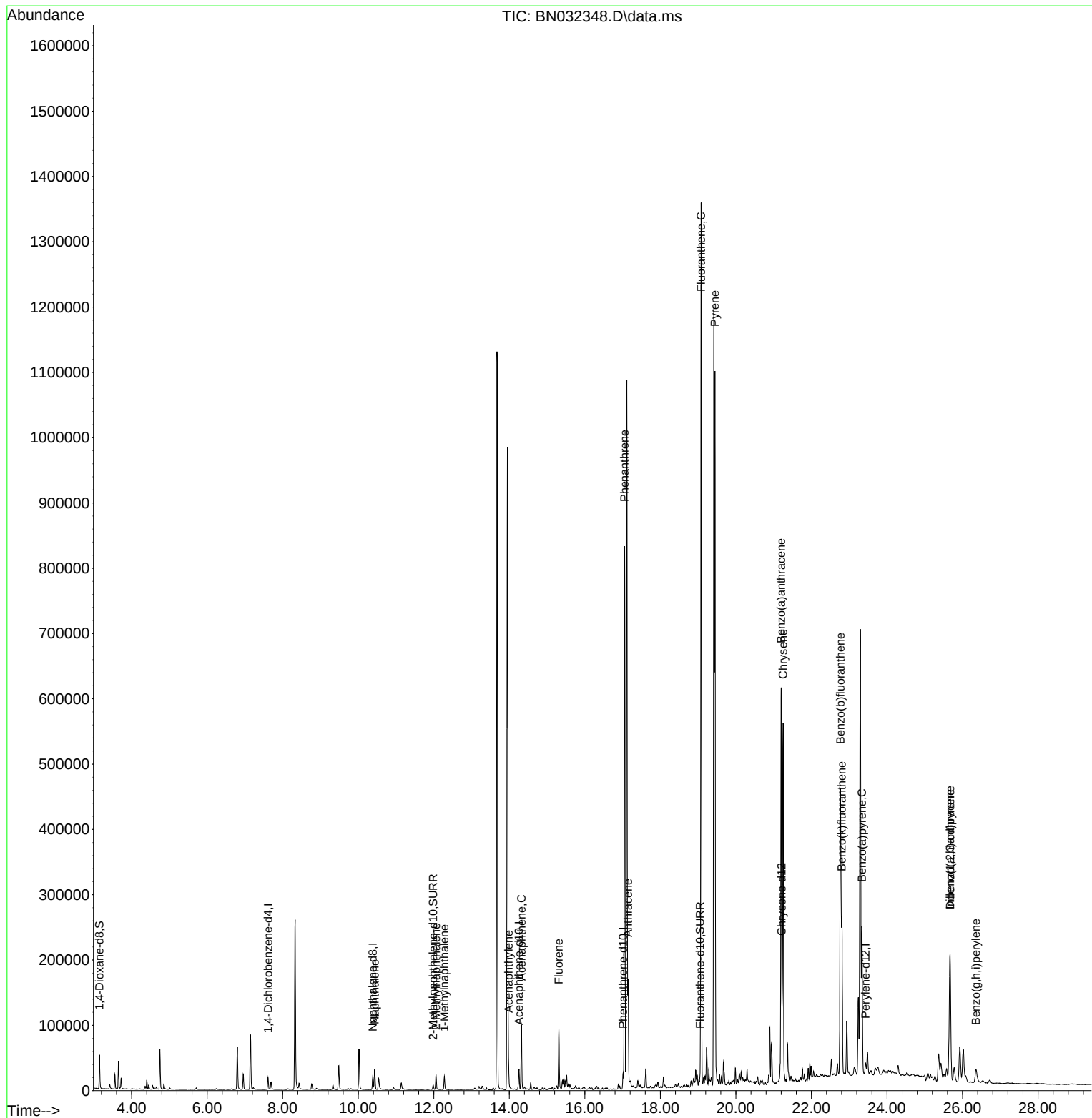
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032348.D
Acq On : 29 Jun 2024 12:53
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

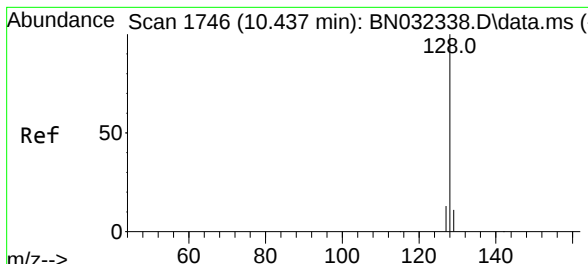
Instrument :
BNA_N
ClientSampleId :
A4B58

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

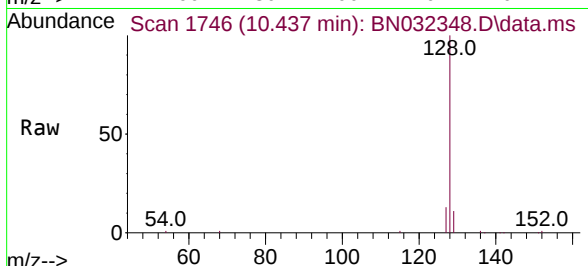
Quant Time: Jun 30 23:04:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.549 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

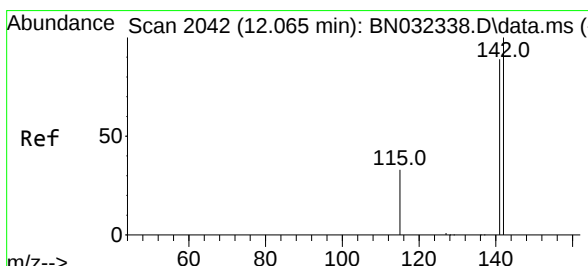
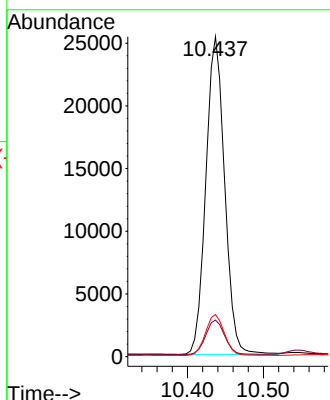
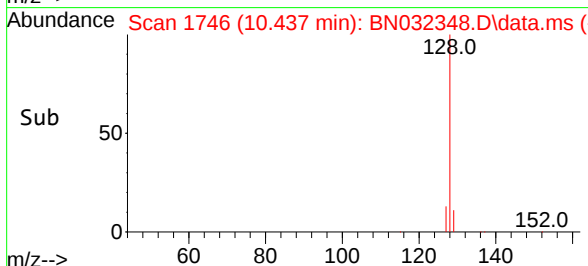
Instrument :
BNA_N
ClientSampleId :
A4B58



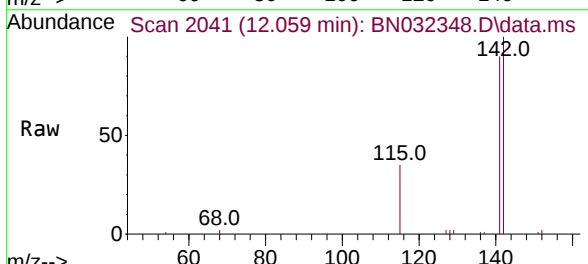
Tgt Ion:128 Resp: 43570
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.8 16.2

Manual Integrations
APPROVED

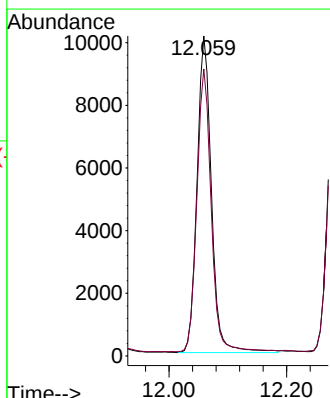
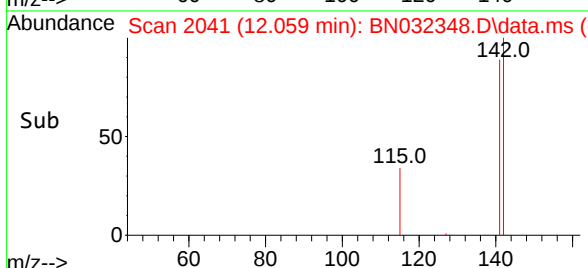
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

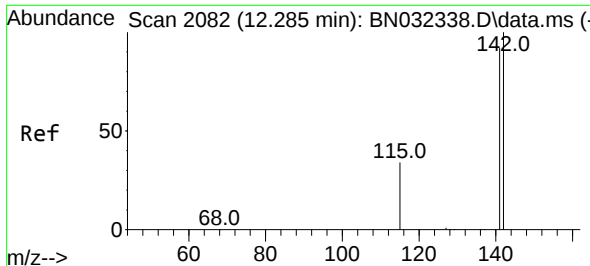


#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53



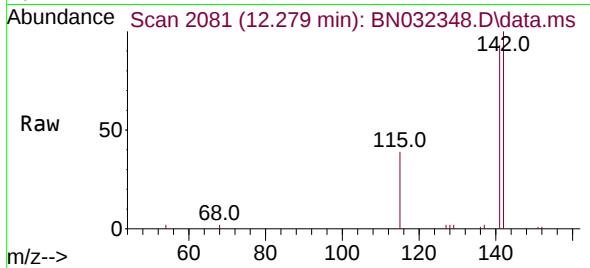
Tgt Ion:142 Resp: 17172
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

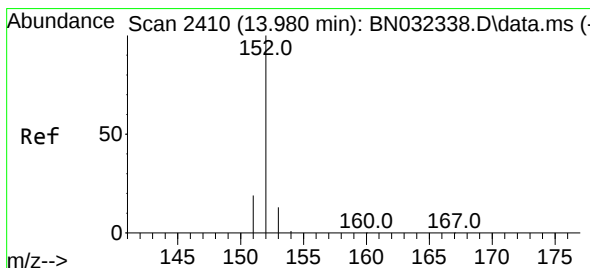
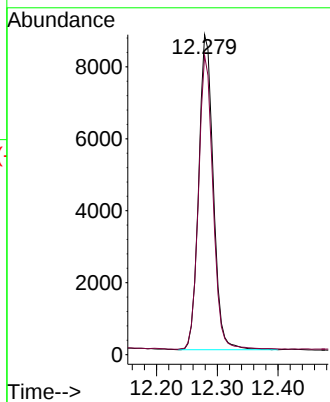
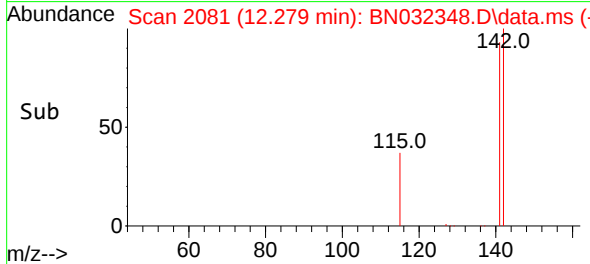
Instrument :
BNA_N
ClientSampleId :
A4B58



Tgt Ion:142 Resp: 14610
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0

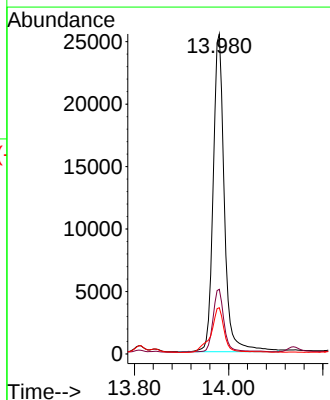
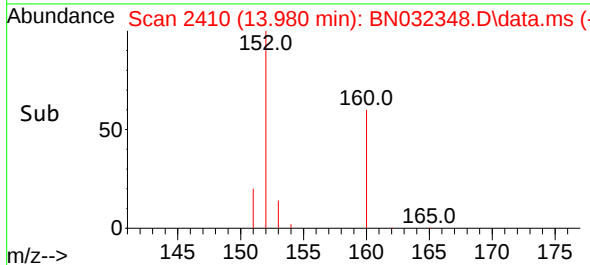
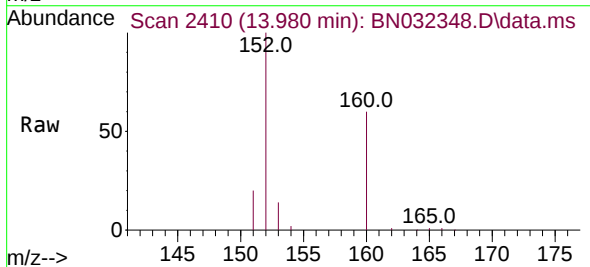
Manual Integrations
APPROVED

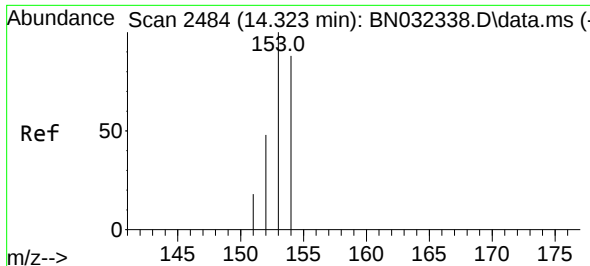
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.597 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

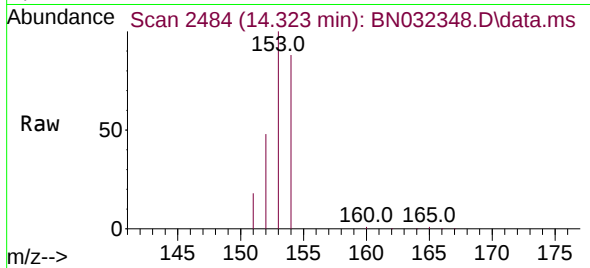
Tgt Ion:152 Resp: 41949
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 1.071 ng/u1
RT: 14.323 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

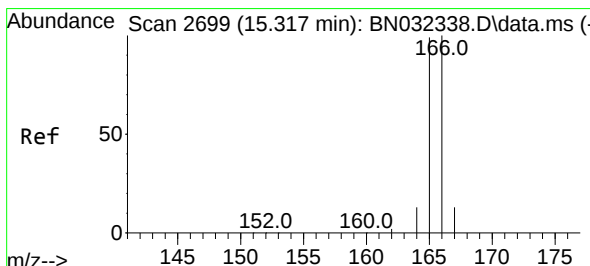
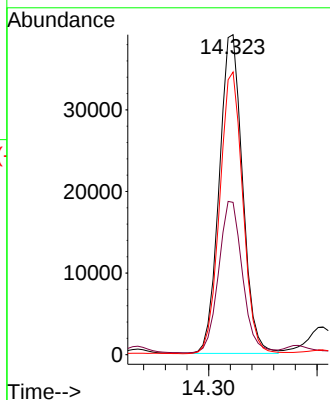
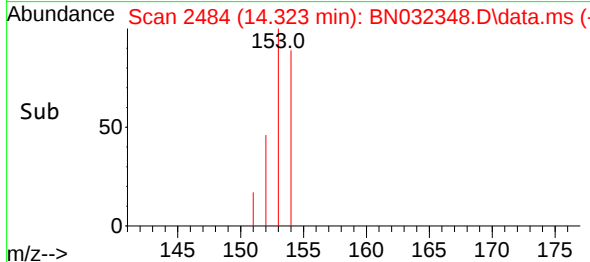
Instrument :
BNA_N
ClientSampleId :
A4B58



Tgt Ion:153 Resp: 58409
Ion Ratio Lower Upper
153 100
152 47.6 39.5 59.3
154 88.4 71.7 107.5

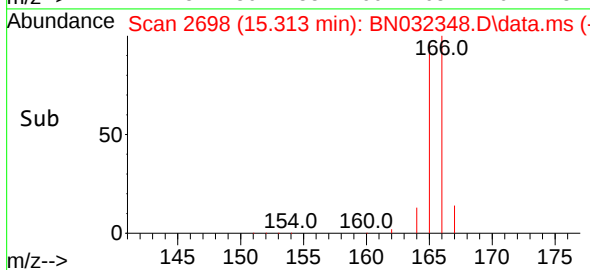
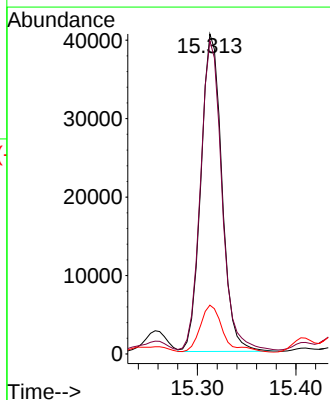
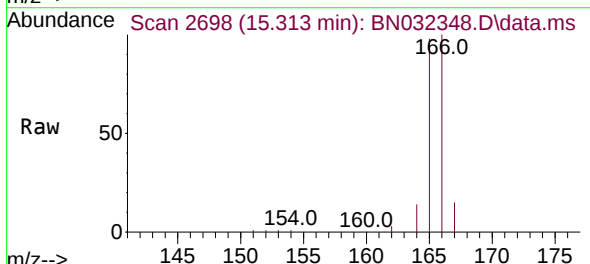
Manual Integrations
APPROVED

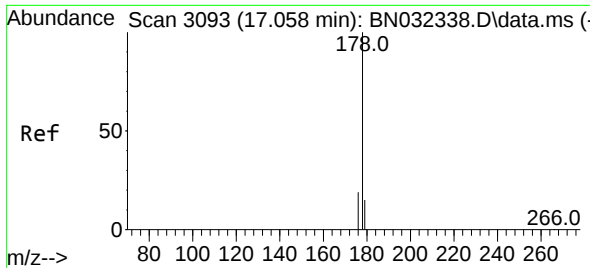
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.922 ng/u1
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

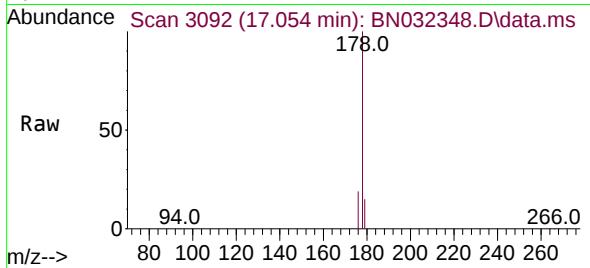
Tgt Ion:166 Resp: 59963
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 15.2 11.0 16.6





#15
Phenanthrene
Concen: 10.224 ng/ul m
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

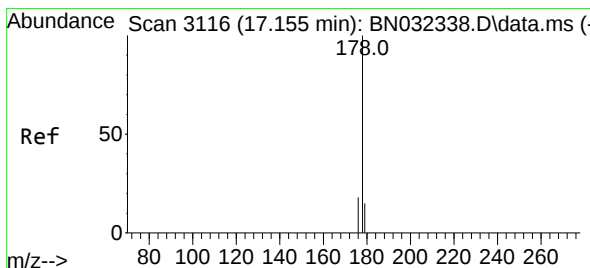
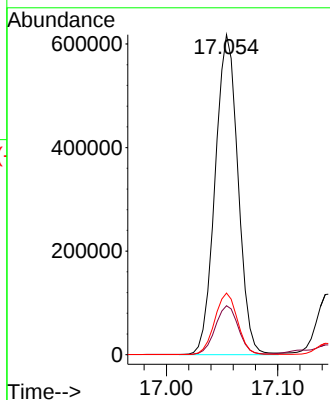
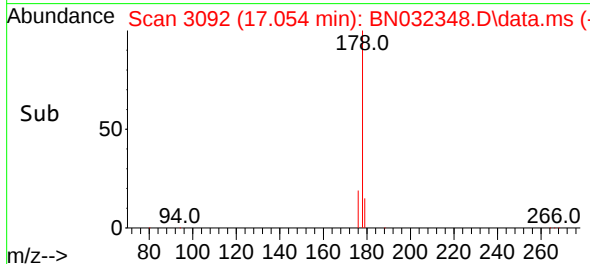
Instrument :
BNA_N
ClientSampleId :
A4B58



Tgt Ion:178 Resp: 883008
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.2 15.6 23.4

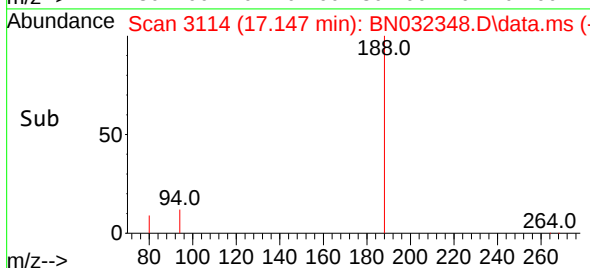
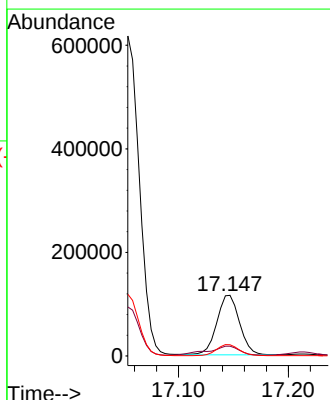
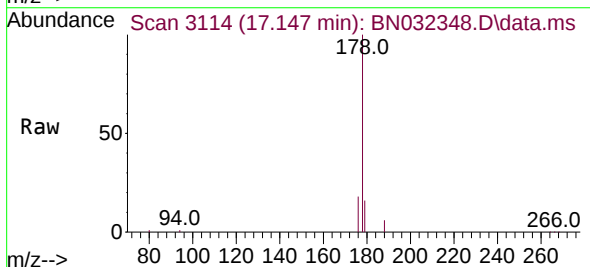
Manual Integrations
APPROVED

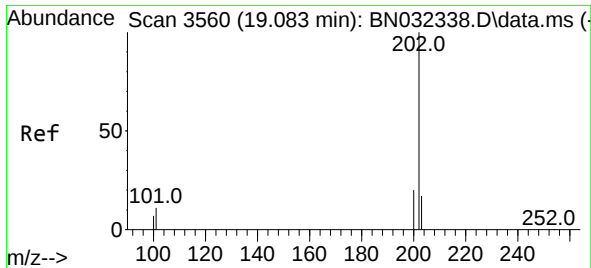
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 2.150 ng/ul m
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

Tgt Ion:178 Resp: 165590
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.4 15.0 22.6





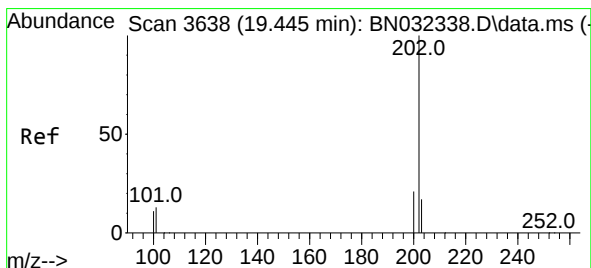
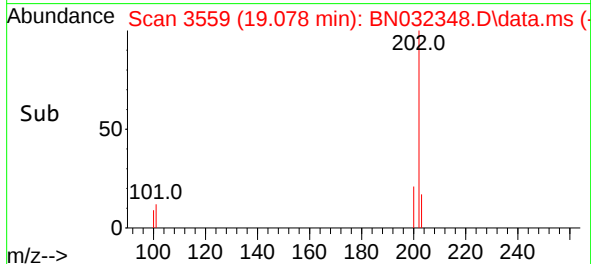
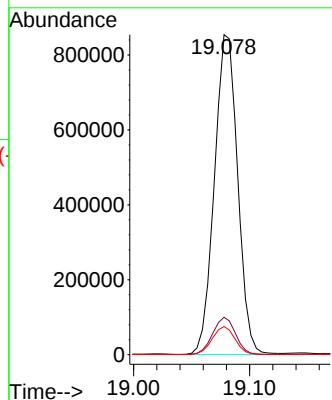
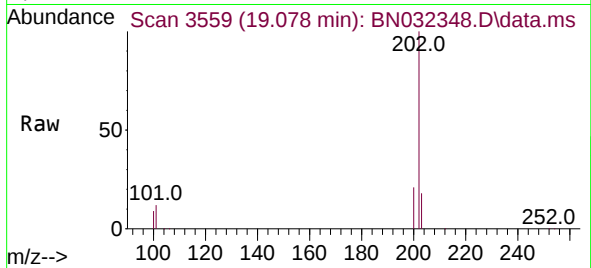
#19
Fluoranthene
Concen: 16.644 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

Instrument :
BNA_N
ClientSampleId :
A4B58

Tgt Ion:202 Resp: 1189838
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.8 6.4 9.6

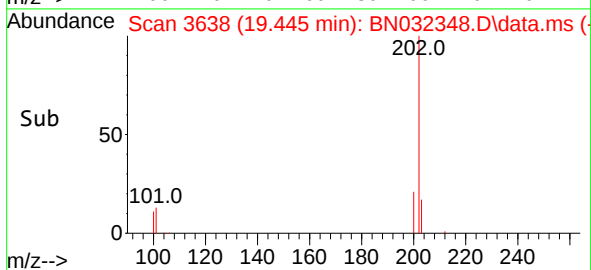
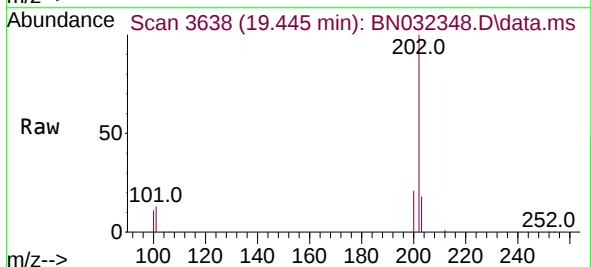
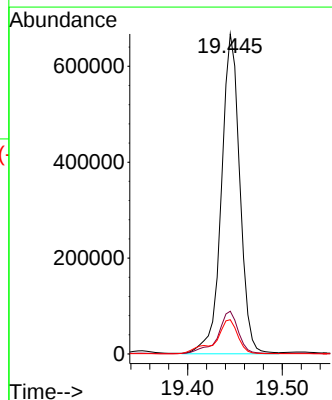
Manual Integrations
APPROVED

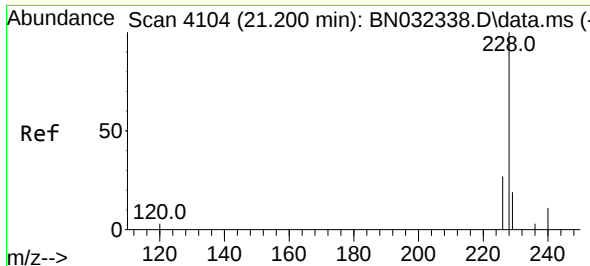
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 12.076 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

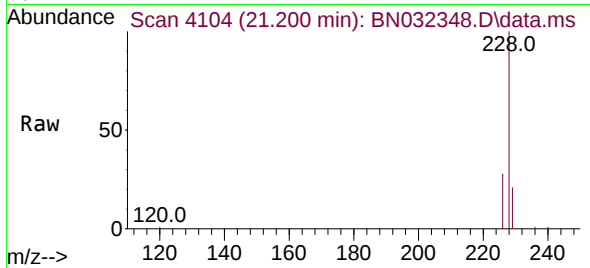
Tgt Ion:202 Resp: 902157
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 7.777 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

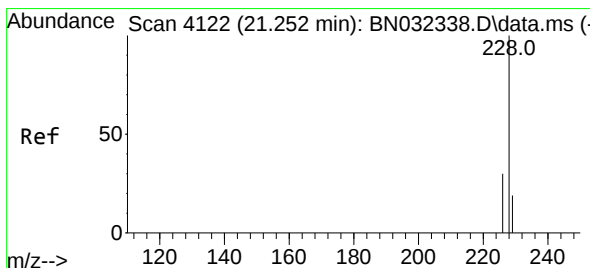
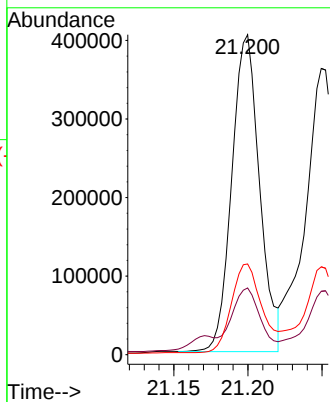
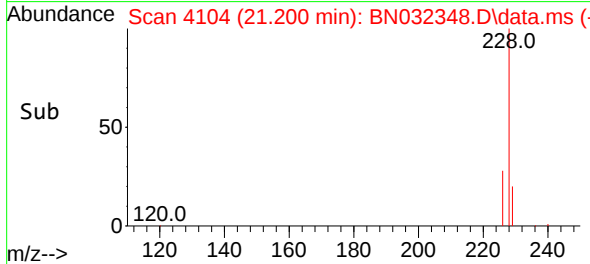
Instrument :
BNA_N
ClientSampleId :
A4B58



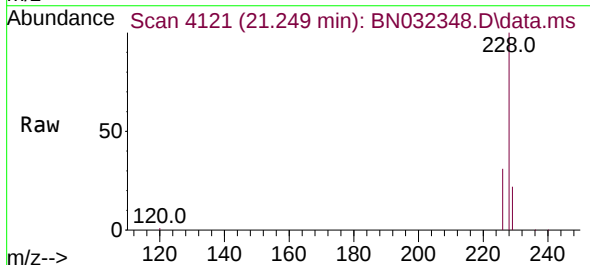
Tgt Ion:228 Resp: 526924
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.4 21.8 32.8

Manual Integrations
APPROVED

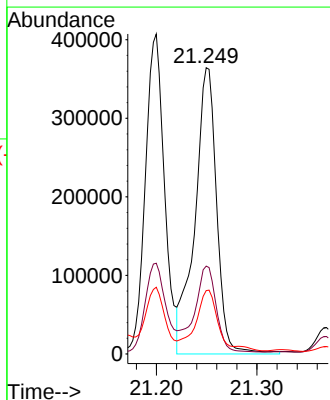
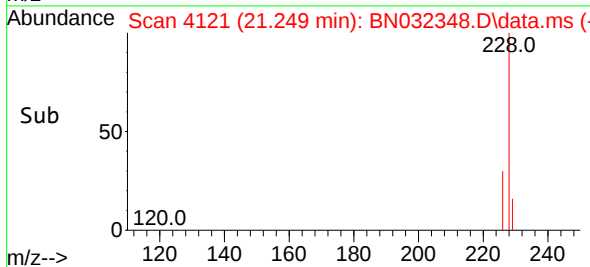
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

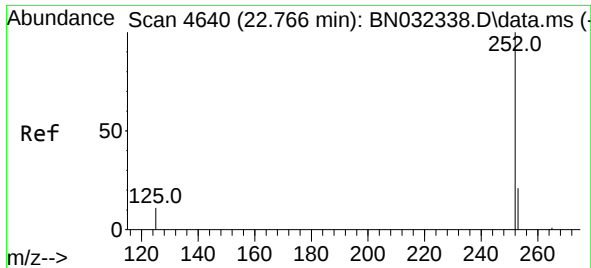


#22
Chrysene
Concen: 7.406 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53



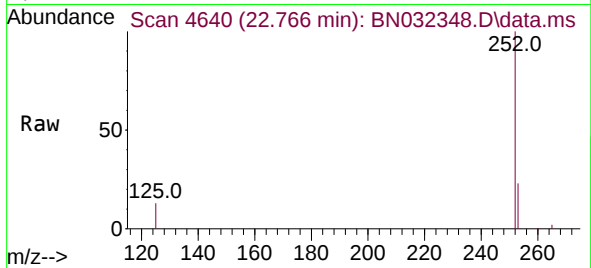
Tgt Ion:228 Resp: 550808
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.083 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

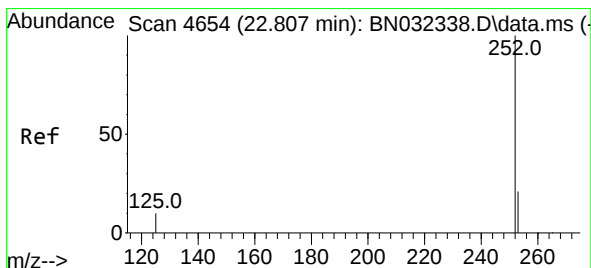
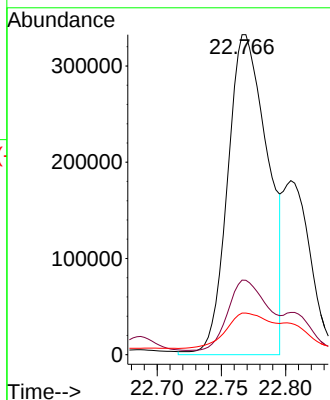
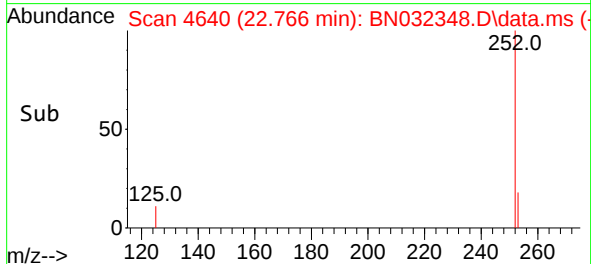
Instrument :
BNA_N
ClientSampleId :
A4B58



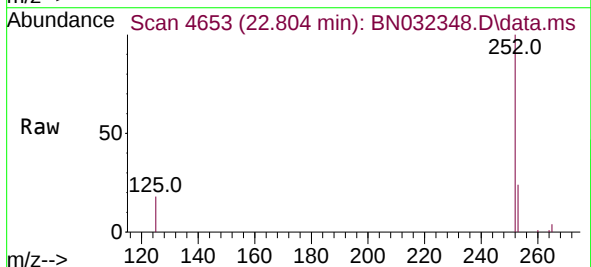
Tgt Ion:252 Resp: 720598
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 13.0 0.0 32.0

Manual Integrations
APPROVED

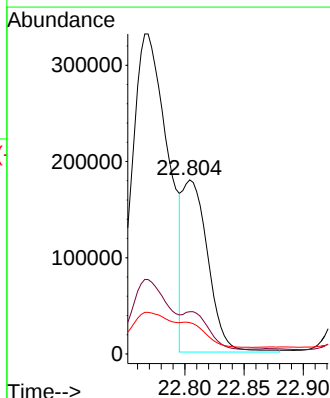
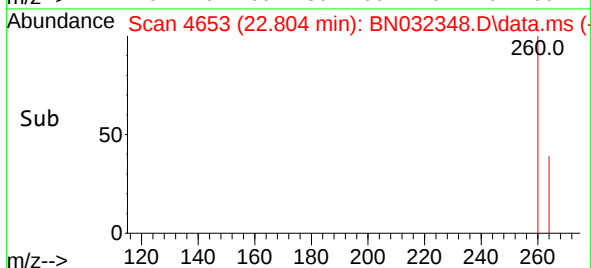
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

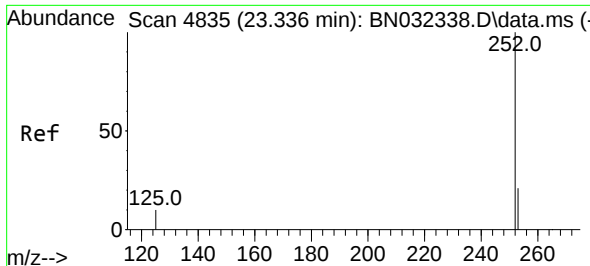


#25
Benzo(k)fluoranthene
Concen: 2.710 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53



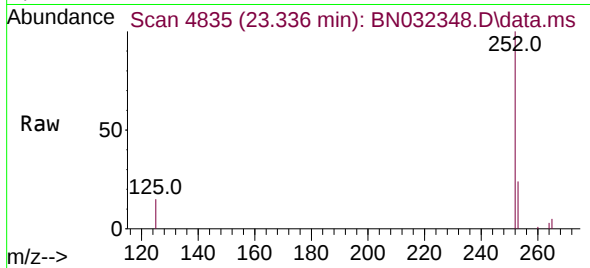
Tgt Ion:252 Resp: 267856
Ion Ratio Lower Upper
252 100
253 24.3 20.3 30.5
125 18.0 12.8 19.2





#26
Benzo(a)pyrene
Concen: 4.456 ng/ul m
RT: 23.336 min Scan# 4835
Delta R.T. -0.023 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

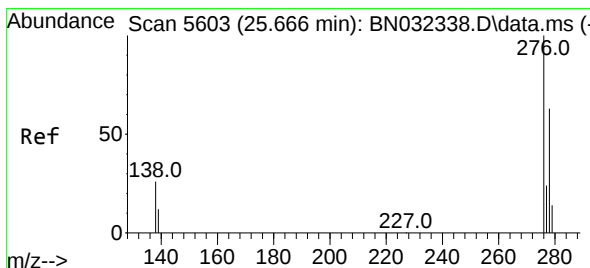
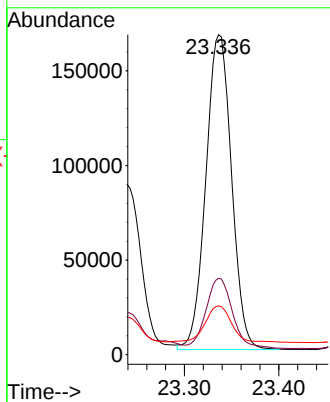
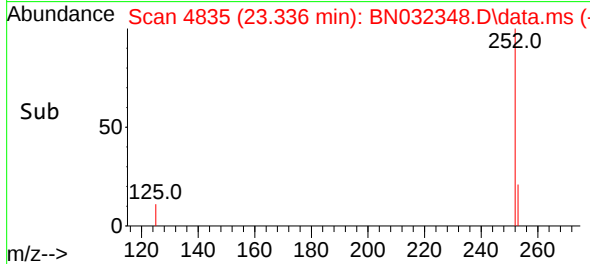
Instrument :
BNA_N
ClientSampleId :
A4B58



Tgt Ion:252 Resp: 315414
Ion Ratio Lower Upper
252 100
253 23.8 22.2 33.2
125 15.3 16.4 24.6

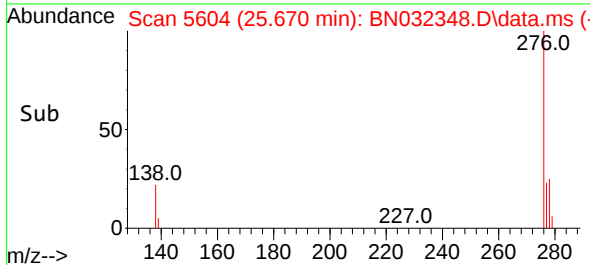
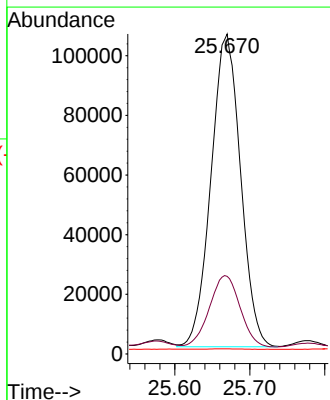
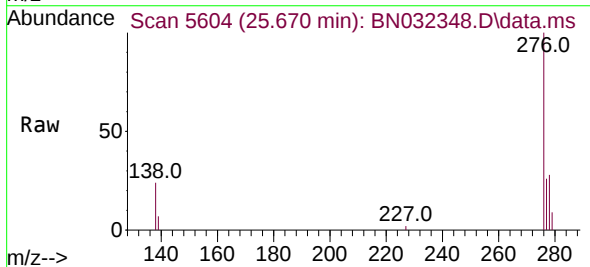
Manual Integrations
APPROVED

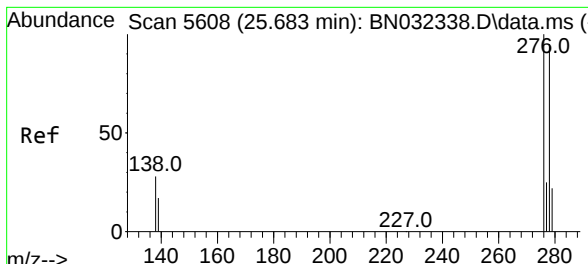
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.588 ng/ul m
RT: 25.670 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032348.D
Acq: 29 Jun 2024 12:53

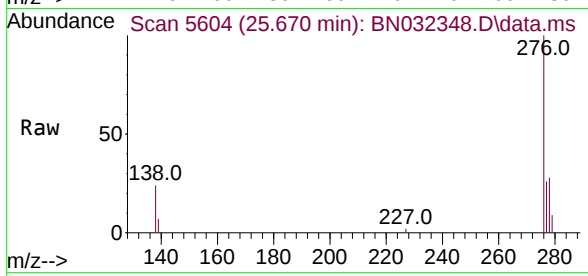
Tgt Ion:276 Resp: 286832
Ion Ratio Lower Upper
276 100
138 4.1 21.3 31.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 1.202 ng/ul m
 RT: 25.670 min Scan# 5604
 Delta R.T. -0.040 min
 Lab File: BN032348.D
 Acq: 29 Jun 2024 12:53

Instrument :
 BNA_N
 ClientSampleId :
 A4B58

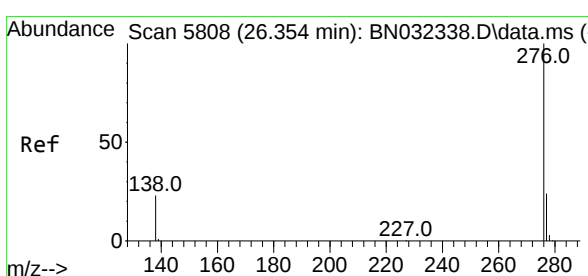
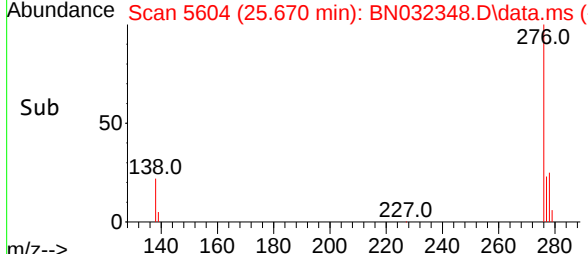
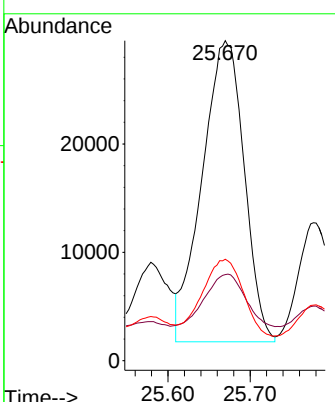


Tgt Ion:278 Resp: 98969

Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.9	23.9
279	31.7	21.1	31.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.501 ng/ul m
 RT: 26.354 min Scan# 5808
 Delta R.T. -0.027 min
 Lab File: BN032348.D
 Acq: 29 Jun 2024 12:53

Tgt Ion:276 Resp: 44234

Ion	Ratio	Lower	Upper
276	100		
138	33.7	19.8	29.6
277	33.2	19.8	29.6

