

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032239.D
 Acq On : 25 Jun 2024 12:41
 Operator : MA/JU
 Sample : P2844-22
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C47

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

Quant Time: Jun 25 13:34:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	323541	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1227353	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.275	164	728083	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1451122	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1329714	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1657897	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	26501	3.389	ng/uL	0.00
4) Pyridine-d5	3.581	84	57607	2.617	ng/u1	0.01
7) Phenol-d5	6.816	99	531947	19.179	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	286292	17.646	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	472217	22.313	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	435470	19.260	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	223884	23.857	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	244526	25.225	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	410552	22.686	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	325148	12.101	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1172279	23.112	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1389840	23.830	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	202283	19.918	ng/u1	0.02
60) Fluorene-d10	15.275	176	1011256	23.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	73632	10.095	ng/u1	0.00
73) Anthracene-d10	17.128	188	1544269	24.857	ng/u1	0.00
81) Pyrene-d10	19.433	212	1587241	22.306	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1355381	17.121	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.452	105	38647	1.128	ng/u1	97
52) Acenaphthene	14.340	153	47452	1.088	ng/u1	99
61) Fluorene	15.328	166	63895	1.339	ng/u1	99
72) Phenanthrene	17.069	178	1090929	14.758	ng/u1	99
74) Anthracene	17.163	178	320581	4.280	ng/u1	99
77) Carbazole	17.439	167	87323	1.367	ng/u1	98
78) Di-n-butylphthalate	17.998	149	155916	1.774	ng/u1	99
80) Fluoranthene	19.098	202	1443677	16.977	ng/u1	95
82) Pyrene	19.463	202	1142508m	13.095	ng/u1	
85) Benzo(a)anthracene	21.251	228	662762	7.446	ng/u1	100
87) Chrysene	21.310	228	675370	8.124	ng/u1	98
90) Benzo(b)fluoranthene	23.274	252	852370	8.601	ng/u1	96
91) Benzo(k)fluoranthene	23.327	252	286474m	2.946	ng/u1	
93) Benzo(a)pyrene	24.051	252	391264	4.216	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.474	276	348374	3.257	ng/u1	96
95) Dibenzo(a,h)anthracene	27.515	278	115401m	1.322	ng/u1	

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

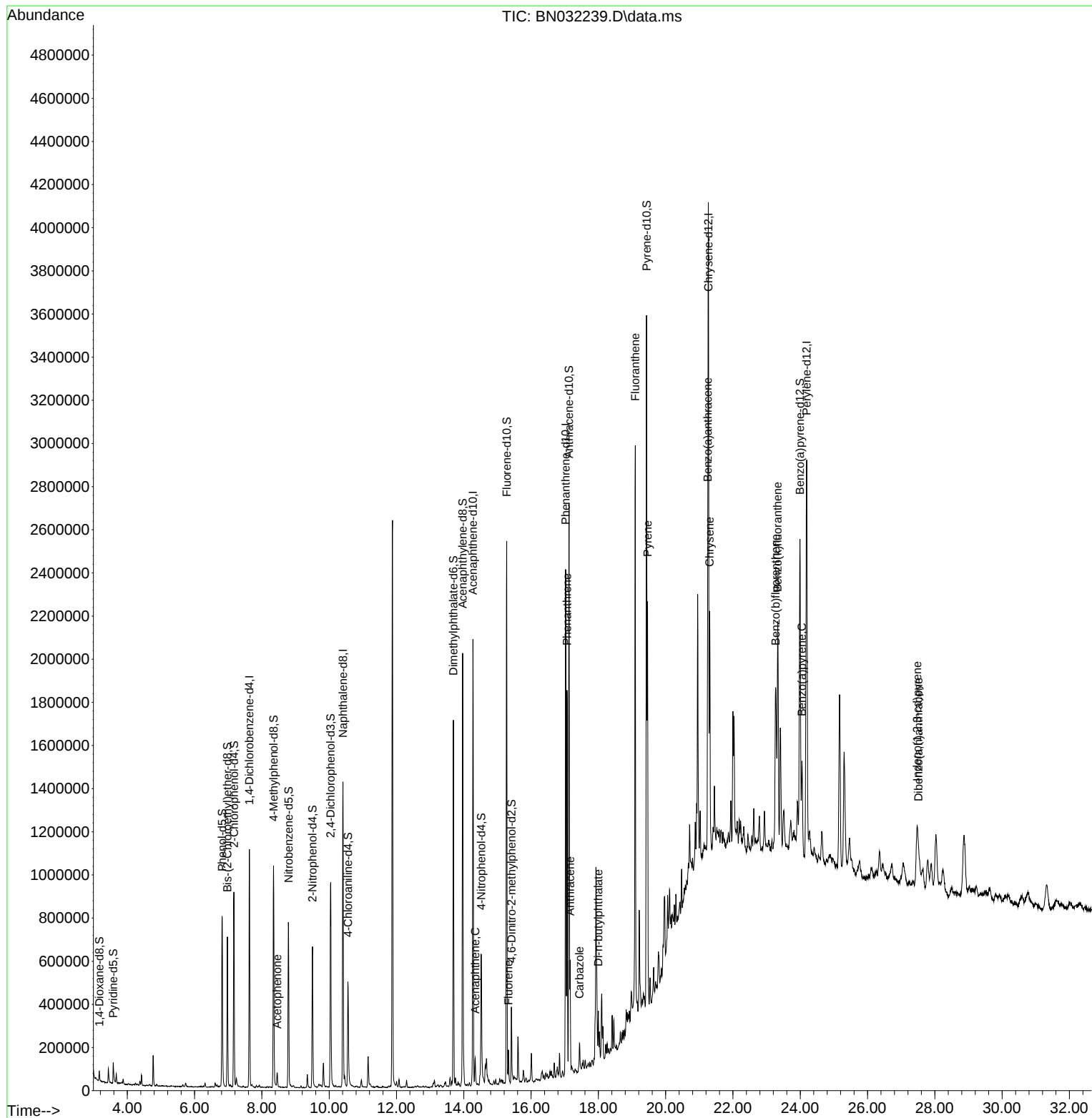
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032239.D
Acq On : 25 Jun 2024 12:41
Operator : MA/JU
Sample : P2844-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

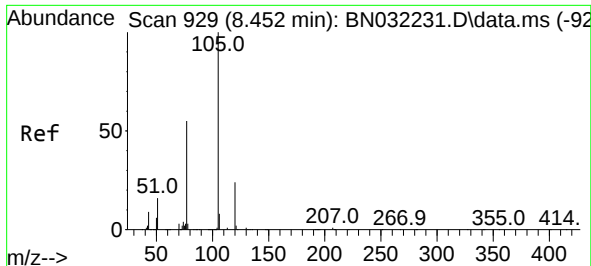
Instrument :
BNA_N
ClientSampleId :
A4C47

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

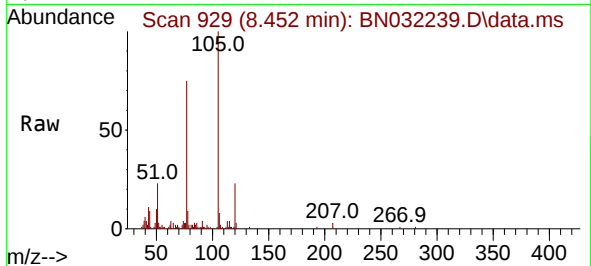
Quant Time: Jun 25 13:34:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.128 ng/ul
RT: 8.452 min Scan# 91
Delta R.T. -0.012 min
Lab File: BN032239.D
Acq: 25 Jun 2024 12:41

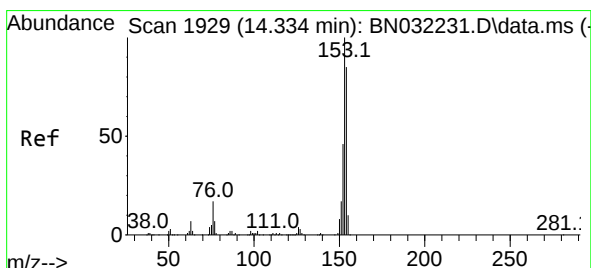
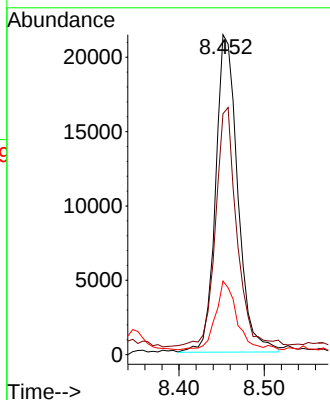
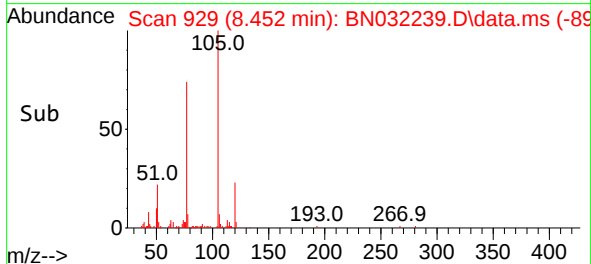
Instrument :
BNA_N
ClientSampleId :
A4C47



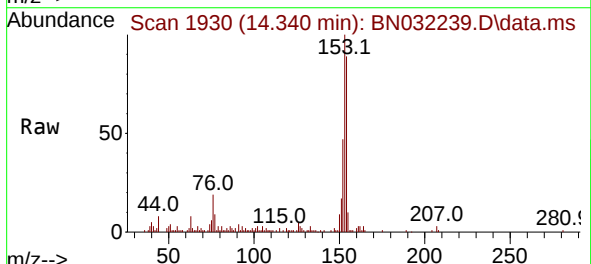
Tgt Ion:105 Resp: 3864
Ion Ratio Lower Upper
105 100
77 75.3 58.6 87.8
51 23.0 17.2 25.8

Manual Integrations
APPROVED

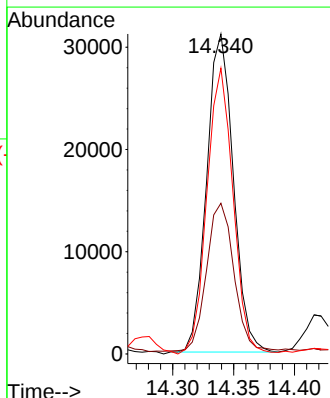
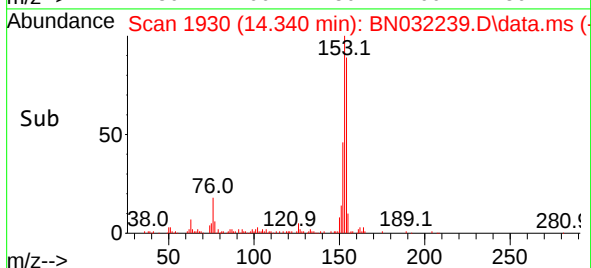
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

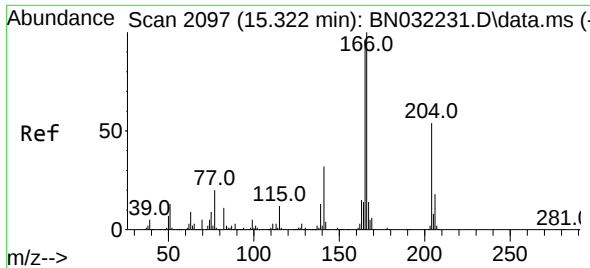


#52
Acenaphthene
Concen: 1.088 ng/ul
RT: 14.340 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BN032239.D
Acq: 25 Jun 2024 12:41



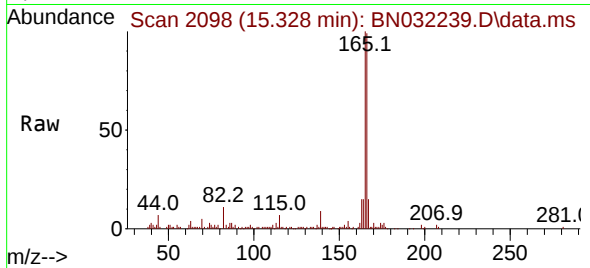
Tgt Ion:153 Resp: 47452
Ion Ratio Lower Upper
153 100
152 47.1 37.8 56.6
154 89.3 69.8 104.8





#61
Fluorene
Concen: 1.339 ng/ul
RT: 15.328 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BN032239.D
Acq: 25 Jun 2024 12:41

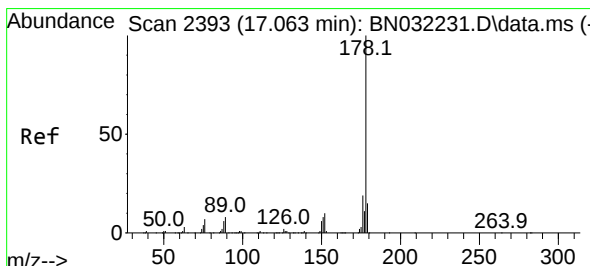
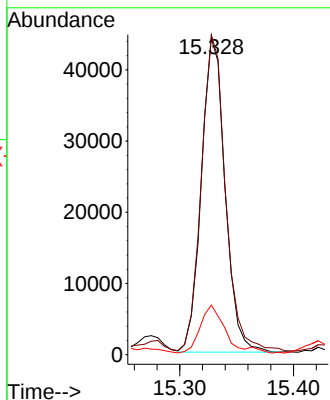
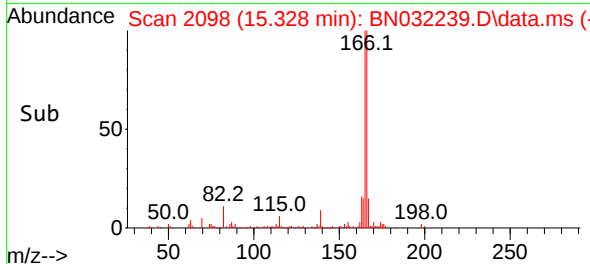
Instrument :
BNA_N
ClientSampleId :
A4C47



Tgt Ion:166 Resp: 6389
Ion Ratio Lower Upper
166 100
165 101.2 80.3 120.5
167 15.7 11.3 16.9

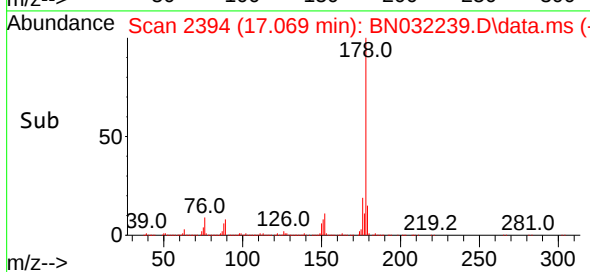
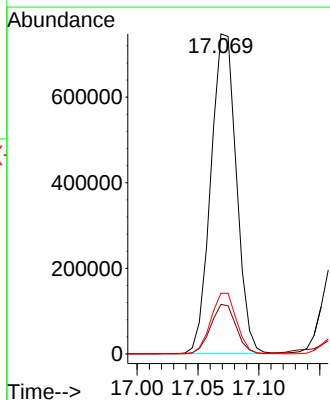
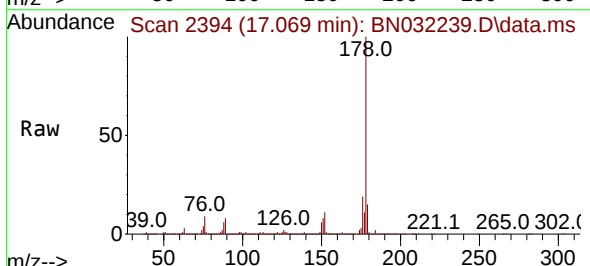
Manual Integrations
APPROVED

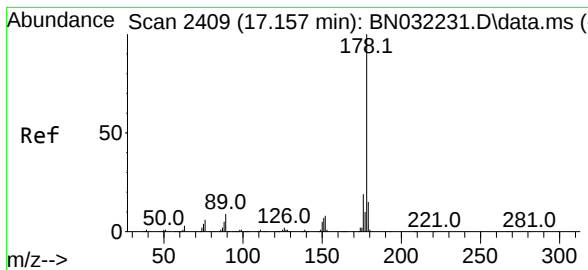
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#72
Phenanthrene
Concen: 14.758 ng/ul
RT: 17.069 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN032239.D
Acq: 25 Jun 2024 12:41

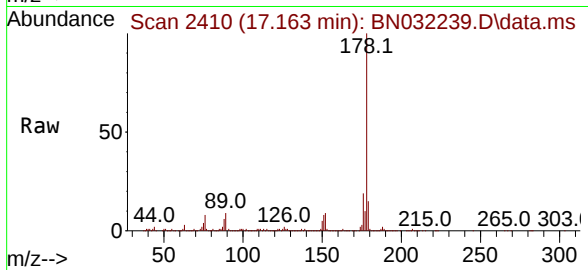
Tgt Ion:178 Resp: 1090929
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.9 15.8 23.6





#74
 Anthracene
 Concen: 4.280 ng/u1
 RT: 17.163 min Scan# 2409
 Delta R.T. 0.000 min
 Lab File: BN032239.D
 Acq: 25 Jun 2024 12:41

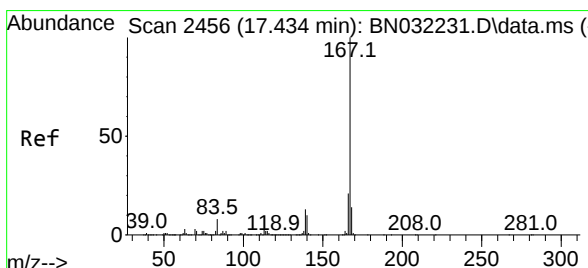
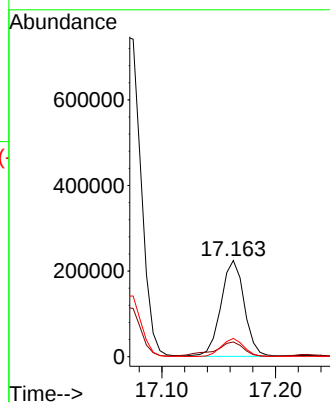
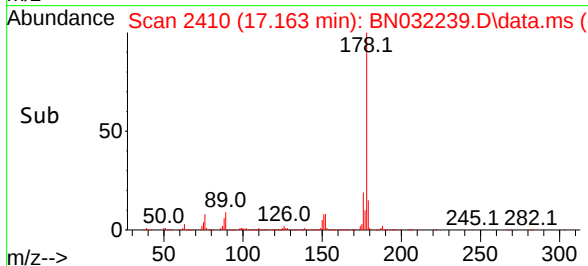
Instrument :
 BNA_N
 ClientSampleId :
 A4C47



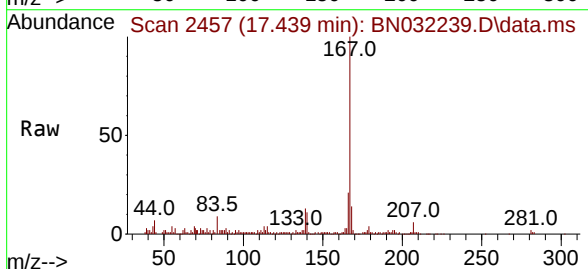
Tgt Ion:178 Resp: 32058
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.8 17.6
 176 18.9 14.8 22.2

Manual Integrations
 APPROVED

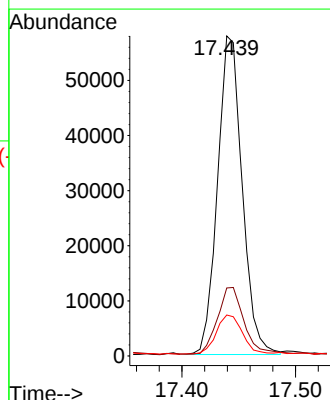
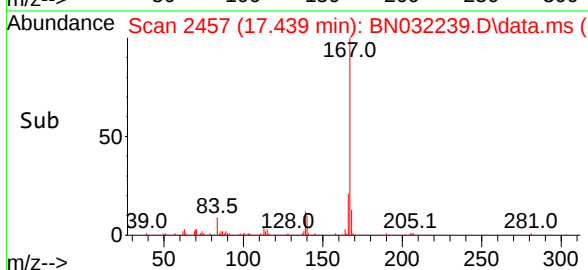
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

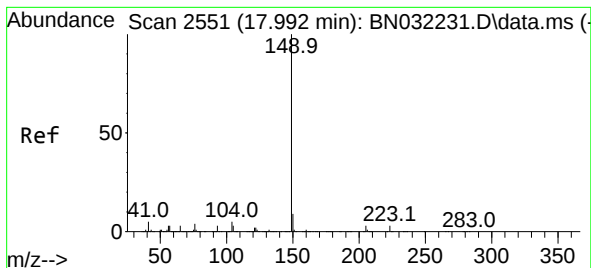


#77
 Carbazole
 Concen: 1.367 ng/u1
 RT: 17.439 min Scan# 2457
 Delta R.T. 0.000 min
 Lab File: BN032239.D
 Acq: 25 Jun 2024 12:41



Tgt Ion:167 Resp: 87323
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.9 26.9
 139 12.8 10.5 15.7





#78

Di-n-butylphthalate

Concen: 1.774 ng/ul

RT: 17.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032239.D

Acq: 25 Jun 2024 12:41

Instrument :

BNA_N

ClientSampleId :

A4C47

Tgt Ion:149 Resp: 155910

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

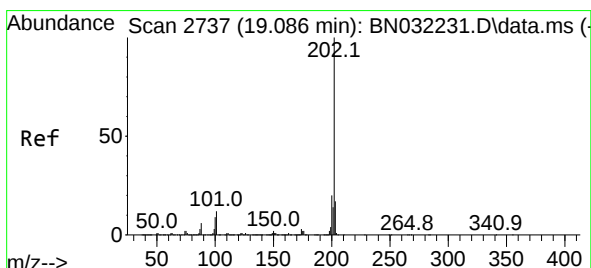
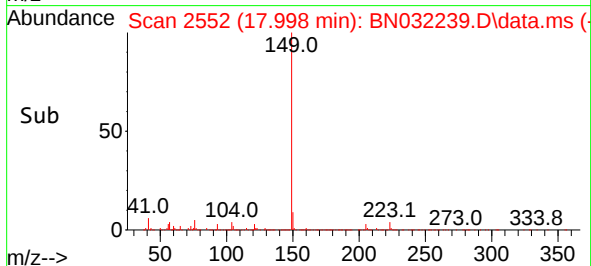
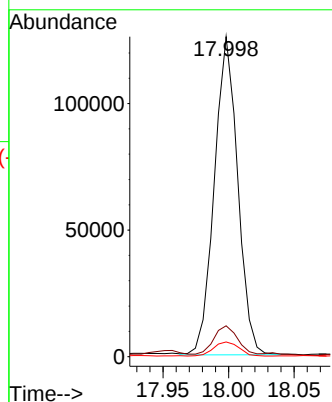
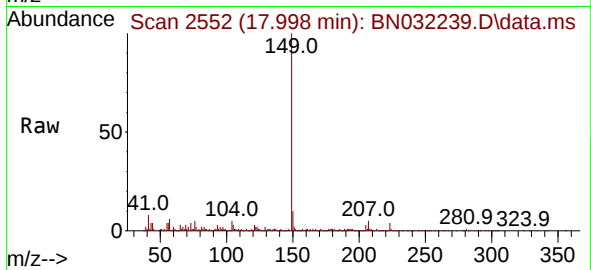
104 4.6 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :Jagrut Upadhyay 06/26/2024



#80

Fluoranthene

Concen: 16.977 ng/ul

RT: 19.098 min Scan# 2739

Delta R.T. 0.000 min

Lab File: BN032239.D

Acq: 25 Jun 2024 12:41

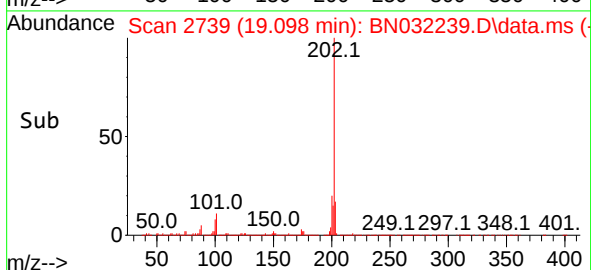
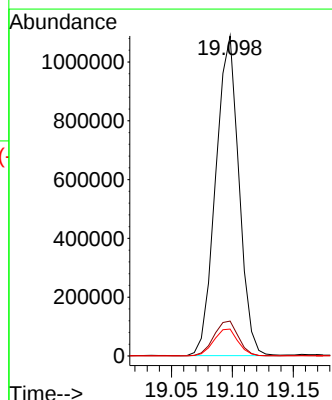
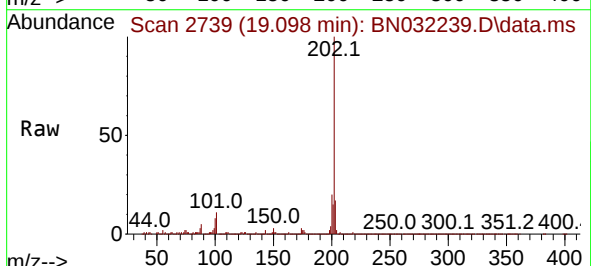
Tgt Ion:202 Resp: 1443677

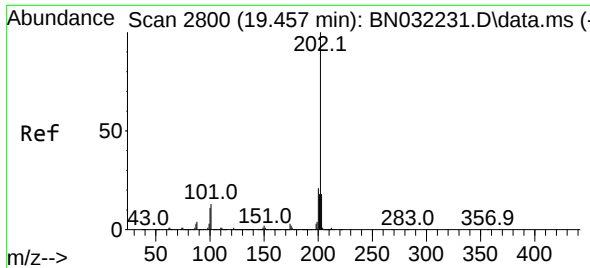
Ion Ratio Lower Upper

202 100

101 10.9 10.3 15.5

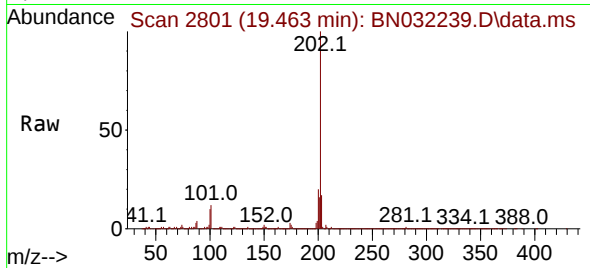
100 8.4 8.0 12.0





#82
 Pyrene
 Concen: 13.095 ng/ul m
 RT: 19.463 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN032239.D
 Acq: 25 Jun 2024 12:41

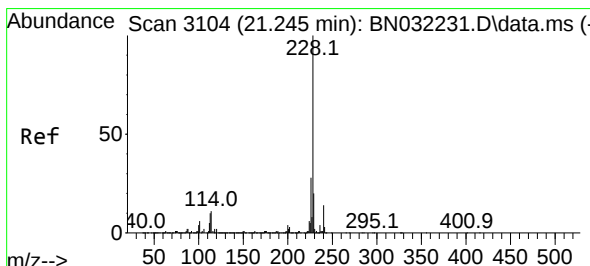
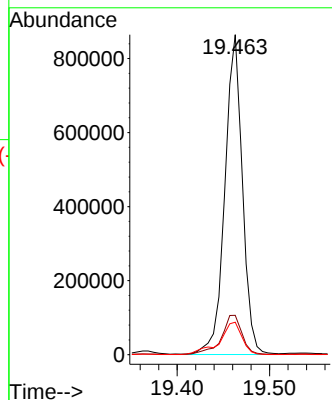
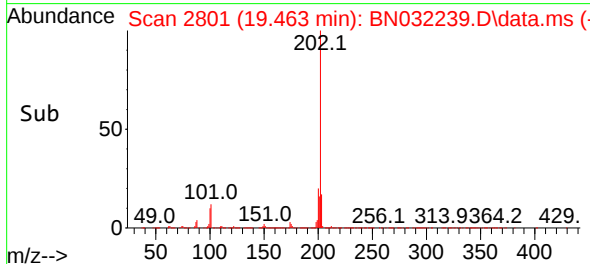
Instrument :
 BNA_N
 ClientSampleId :
 A4C47



Tgt Ion:202 Resp: 1142508
 Ion Ratio Lower Upper
 202 100
 101 12.3 12.6 18.8
 100 10.1 10.2 15.2

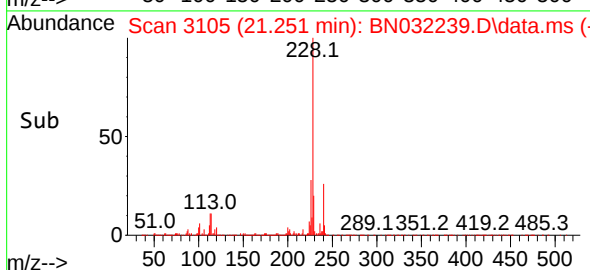
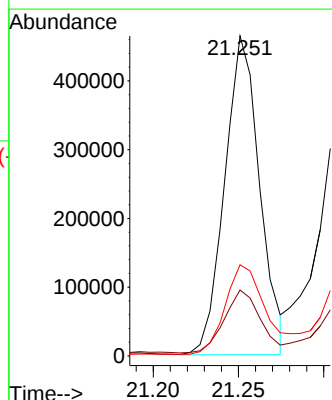
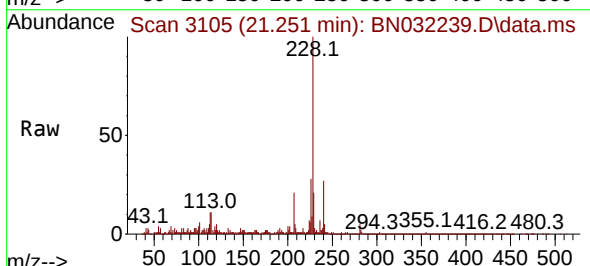
Manual Integrations
 APPROVED

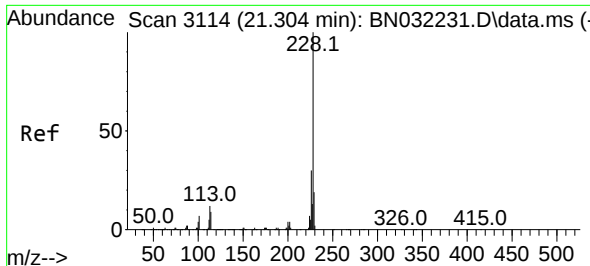
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024



#85
 Benzo(a)anthracene
 Concen: 7.446 ng/ul
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.000 min
 Lab File: BN032239.D
 Acq: 25 Jun 2024 12:41

Tgt Ion:228 Resp: 662762
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.7 25.1
 226 28.5 22.8 34.2





#87

Chrysene

Concen: 8.124 ng/ul

RT: 21.310 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BN032239.D

Acq: 25 Jun 2024 12:41

Instrument :

BNA_N

ClientSampleId :

A4C47

Tgt Ion:228 Resp: 675370

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

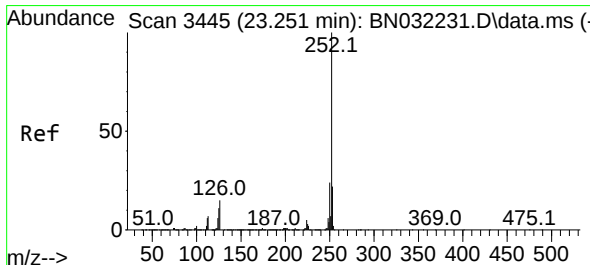
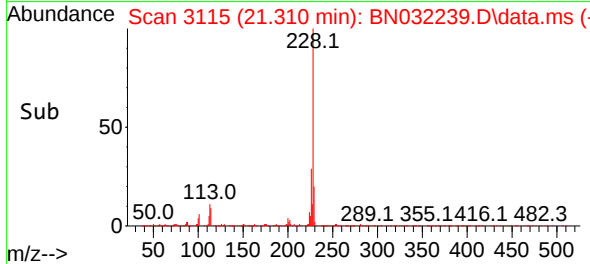
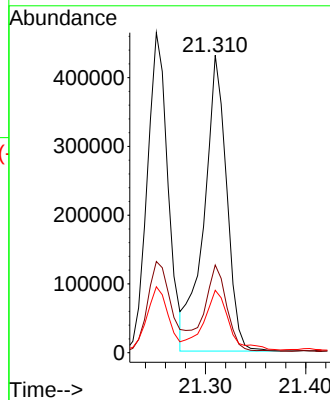
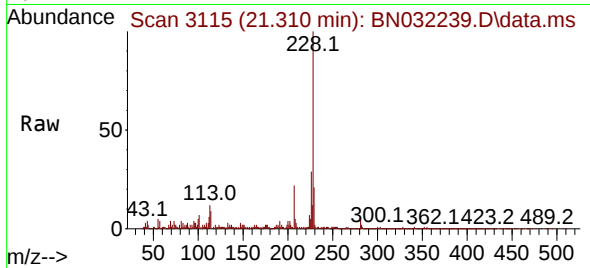
229 21.0 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :Jagrut Upadhyay 06/26/2024



#90

Benzo(b)fluoranthene

Concen: 8.601 ng/ul

RT: 23.274 min Scan# 3449

Delta R.T. 0.012 min

Lab File: BN032239.D

Acq: 25 Jun 2024 12:41

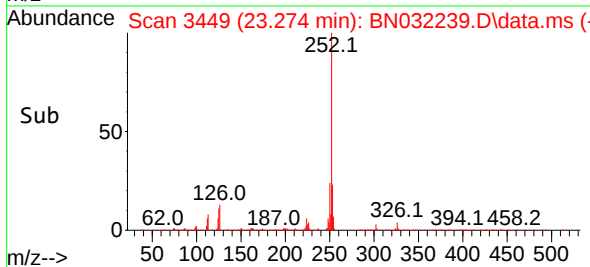
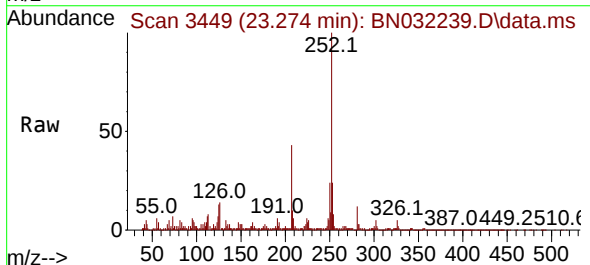
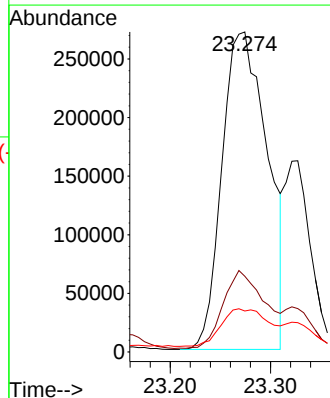
Tgt Ion:252 Resp: 852370

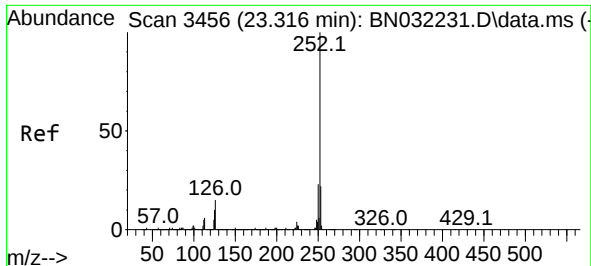
Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.6

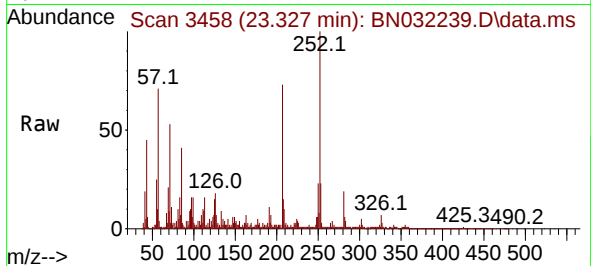
125 12.8 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 2.946 ng/ul m
RT: 23.327 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN032239.D
Acq: 25 Jun 2024 12:41

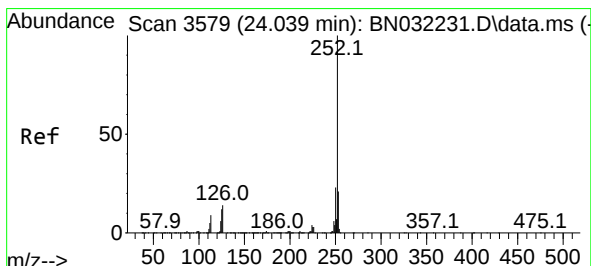
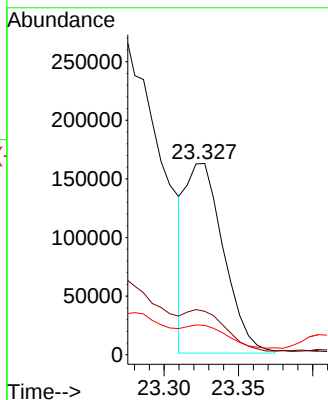
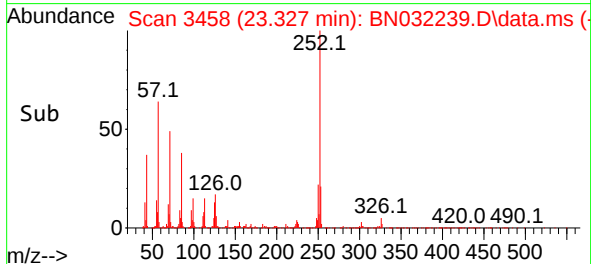
Instrument :
BNA_N
ClientSampleId :
A4C47



Tgt Ion:252 Resp: 286474
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 15.3 9.4 14.2

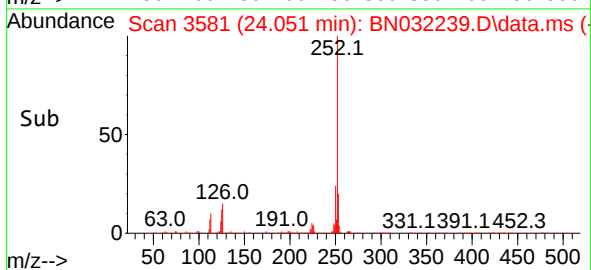
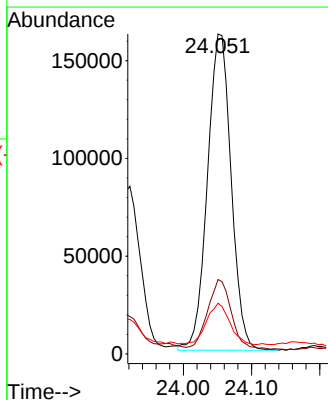
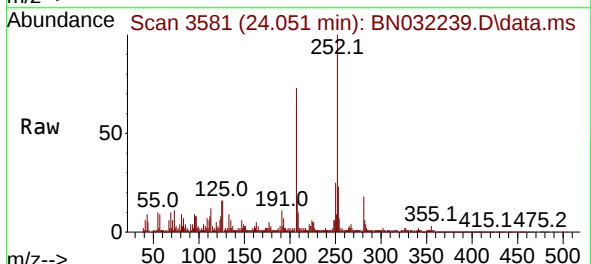
Manual Integrations
APPROVED

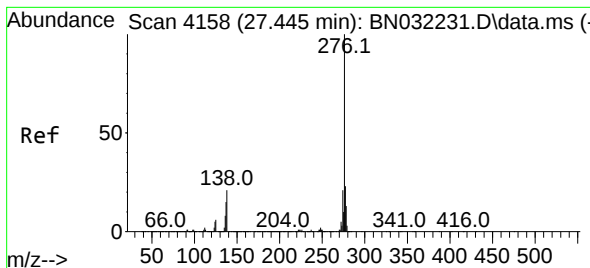
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#93
Benzo(a)pyrene
Concen: 4.216 ng/ul
RT: 24.051 min Scan# 3581
Delta R.T. 0.012 min
Lab File: BN032239.D
Acq: 25 Jun 2024 12:41

Tgt Ion:252 Resp: 391264
Ion Ratio Lower Upper
252 100
253 23.3 16.6 24.8
125 15.9 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.257 ng/ul

RT: 27.474 min Scan# 41

Delta R.T. 0.030 min

Lab File: BN032239.D

Acq: 25 Jun 2024 12:41

Instrument :

BNA_N

ClientSampleId :

A4C47

Tgt Ion:276 Resp: 348374

Ion Ratio Lower Upper

276 100

138 23.8 18.1 27.1

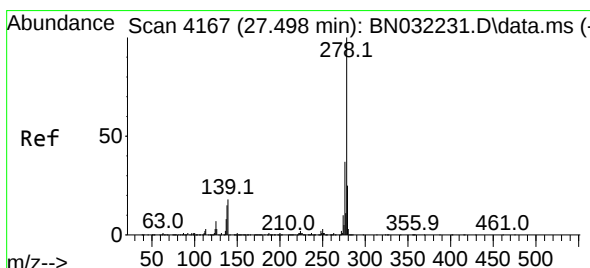
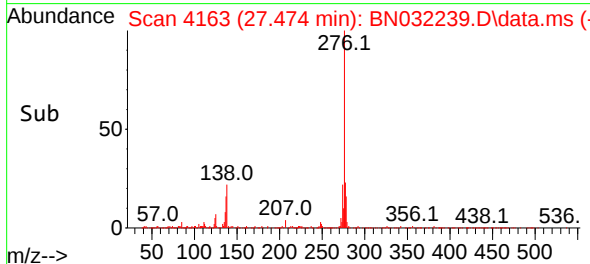
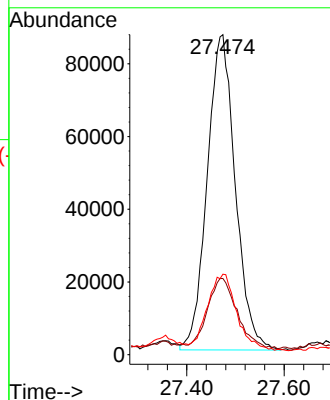
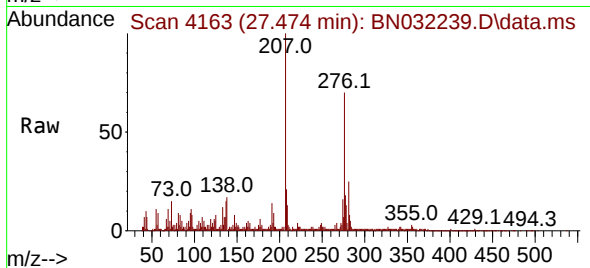
277 25.2 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :Jagrut Upadhyay 06/26/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.322 ng/ul m

RT: 27.515 min Scan# 4170

Delta R.T. 0.012 min

Lab File: BN032239.D

Acq: 25 Jun 2024 12:41

Tgt Ion:278 Resp: 115401

Ion Ratio Lower Upper

278 100

139 24.4 15.0 22.6#

279 28.1 17.4 26.0#

