

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032220.D
 Acq On : 24 Jun 2024 23:36
 Operator : MA/JU
 Sample : P2775-19DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D48DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024

Quant Time: Jun 25 00:10:50 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	280573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1121075	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	708467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1479723	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.262	240	1392236	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1646891	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6390	0.942	ng/uL	0.00
4) Pyridine-d5	3.593	84	13461m	0.705	ng/u1	0.02
7) Phenol-d5	6.816	99	110966	4.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	56860	4.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	95198	5.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	87105	4.443	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	42936	5.009	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	43114	4.869	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	80662	4.880	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	82381	3.357	ng/u1	0.00
46) Dimethylphthalate-d6	13.686	166	274118	5.554	ng/u1	-0.01
49) Acenaphthylene-d8	13.963	160	303426	5.347	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.516	143	40338	4.082	ng/u1	0.01
60) Fluorene-d10	15.269	176	243476	5.830	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	20530	2.760	ng/u1	0.00
73) Anthracene-d10	17.121	188	400596	6.323	ng/u1	0.00
81) Pyrene-d10	19.427	212	434538	5.833	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	336049	4.273	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.457	128	101097	1.742	ng/u1	98
52) Acenaphthene	14.333	153	185468	4.370	ng/u1	97
56) Dibenzofuran	14.675	168	202446	3.511	ng/u1	97
61) Fluorene	15.322	166	238914	5.146	ng/u1	97
72) Phenanthrene	17.069	178	3271081	43.395	ng/u1	98
74) Anthracene	17.157	178	957832	12.540	ng/u1	99
77) Carbazole	17.433	167	343039	5.267	ng/u1	100
80) Fluoranthene	19.092	202	3819930	42.903	ng/u1	97
82) Pyrene	19.457	202	2849020	31.187	ng/u1	94
85) Benzo(a)anthracene	21.245	228	1804314	19.362	ng/u1	99
87) Chrysene	21.304	228	1660702m	19.079	ng/u1	
90) Benzo(b)fluoranthene	23.256	252	1881256	19.111	ng/u1	98
91) Benzo(k)fluoranthene	23.304	252	591081m	6.119	ng/u1	
93) Benzo(a)pyrene	24.033	252	807240	8.756	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.444	276	564563	5.314	ng/u1	97
95) Dibenzo(a,h)anthracene	27.474	278	217468m	2.507	ng/u1	

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

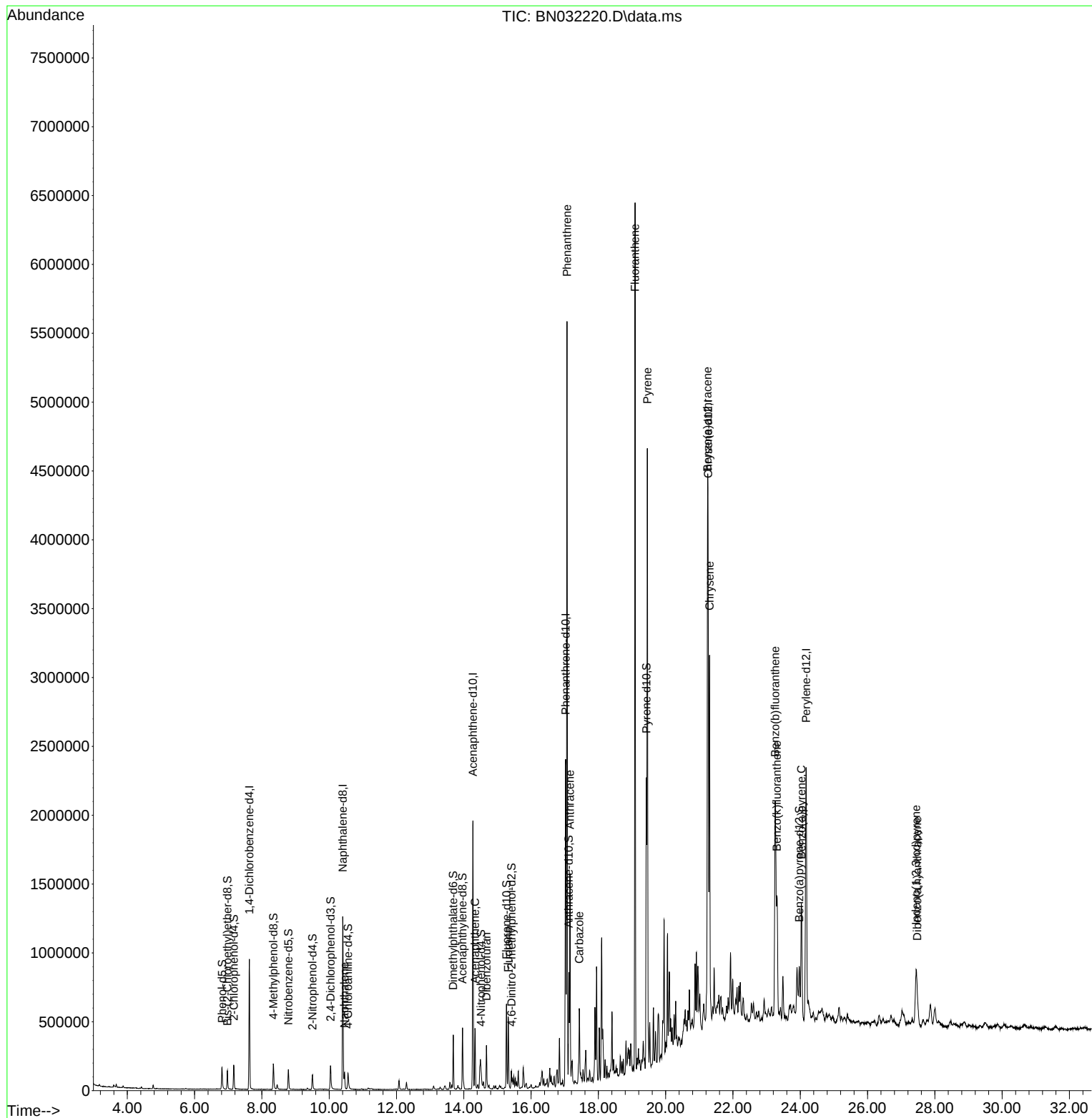
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032220.D
Acq On : 24 Jun 2024 23:36
Operator : MA/JU
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ALS Vial : 21 Sample Multiplier: 1

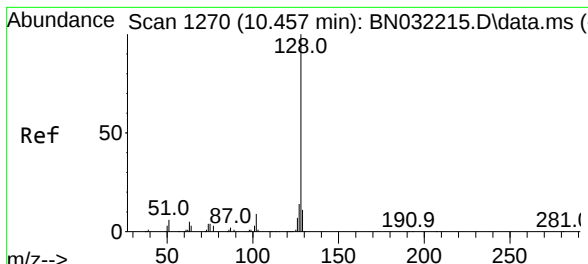
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ClientSampleId :
A4D48DL

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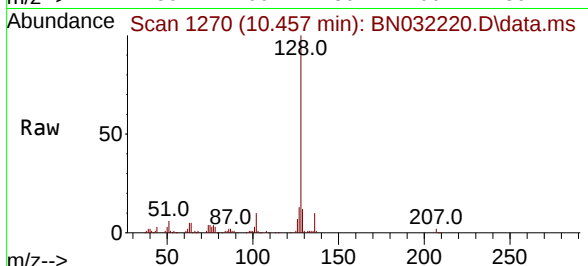
Quant Time: Jun 25 00:10:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.742 ng/ul
RT: 10.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

Instrument :
BNA_N
ClientSampleId :
A4D48DL

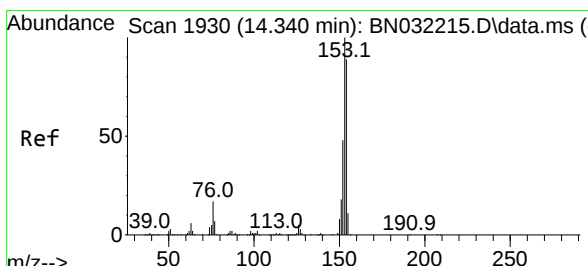
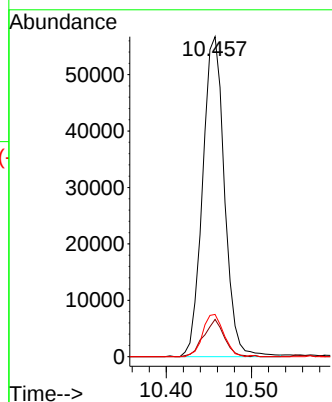
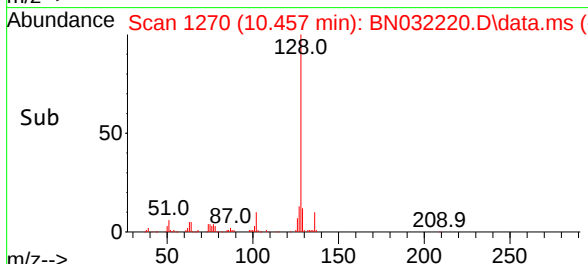


Tgt Ion:128 Resp: 10109

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.5	12.7
127	13.2	10.3	15.5

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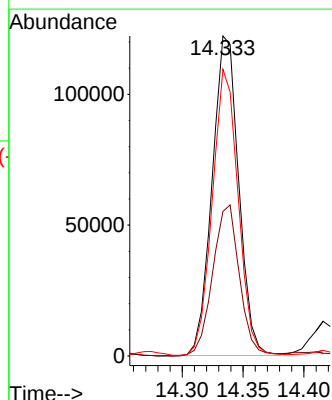
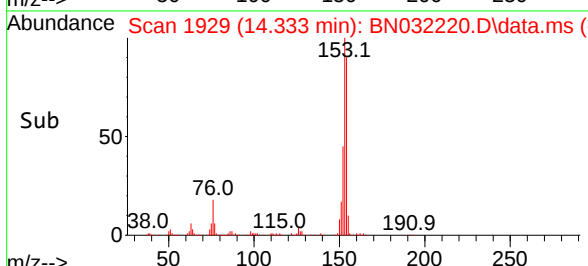
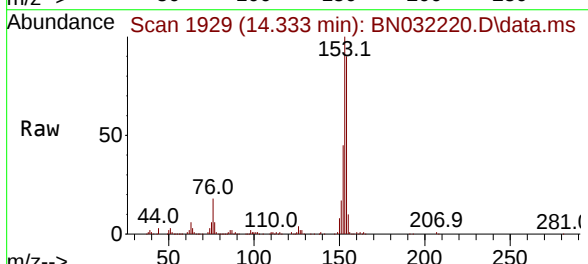
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

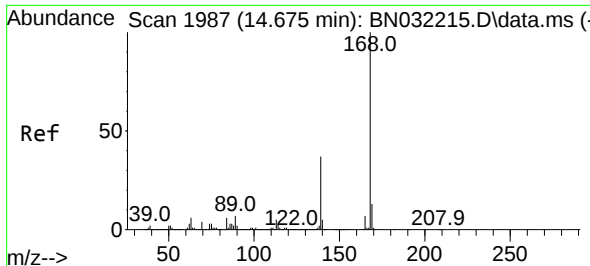


#52
Acenaphthene
Concen: 4.370 ng/ul
RT: 14.333 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

Tgt Ion:153 Resp: 185468

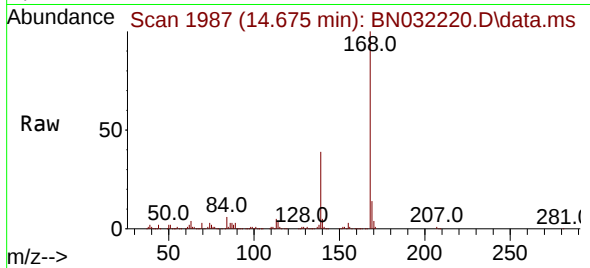
Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.8	56.6
154	89.6	69.8	104.8





#56
Dibenzenofuran
Concen: 3.511 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

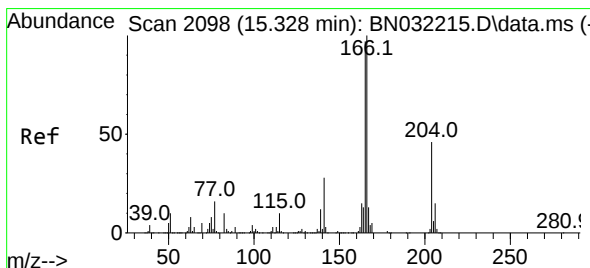
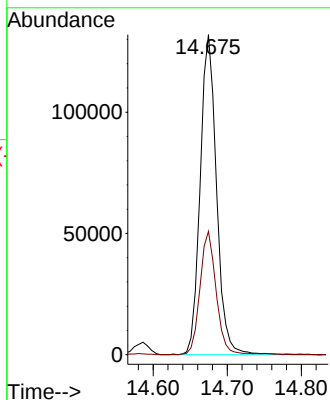
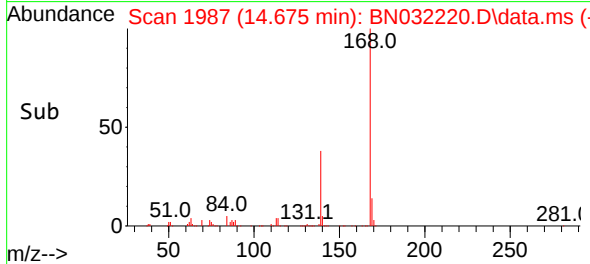
Instrument :
BNA_N
ClientSampleId :
A4D48DL



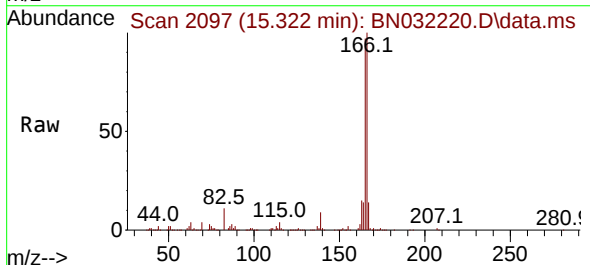
Tgt Ion:168 Resp: 202440
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0

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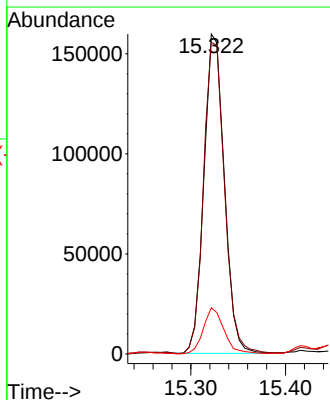
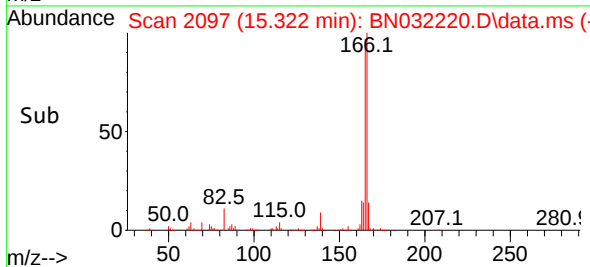
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

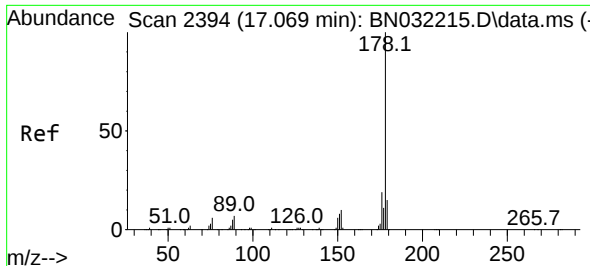


#61
Fluorene
Concen: 5.146 ng/ul
RT: 15.322 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36



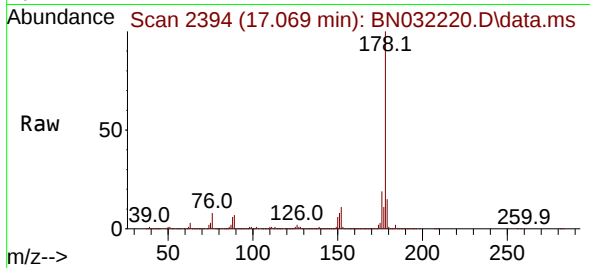
Tgt Ion:166 Resp: 238914
Ion Ratio Lower Upper
166 100
165 97.4 80.3 120.5
167 14.4 11.3 16.9





#72
Phenanthrene
Concen: 43.395 ng/u1
RT: 17.069 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

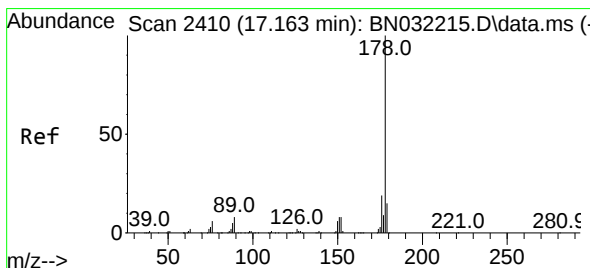
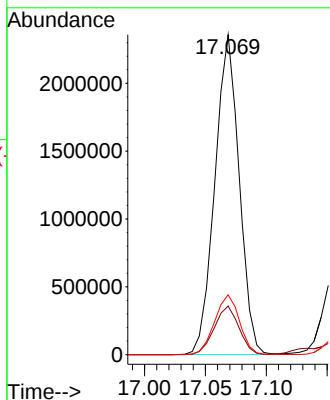
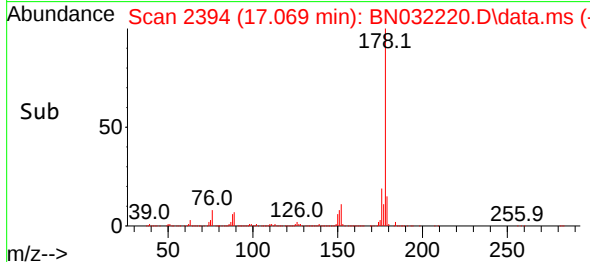
Instrument :
BNA_N
ClientSampleId :
A4D48DL



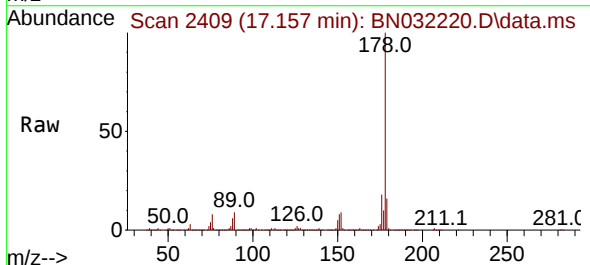
Tgt Ion:178 Resp: 327108
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.7 15.8 23.6

Manual Integrations
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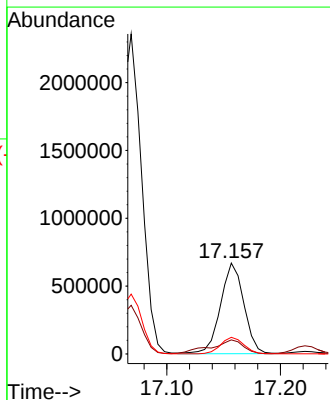
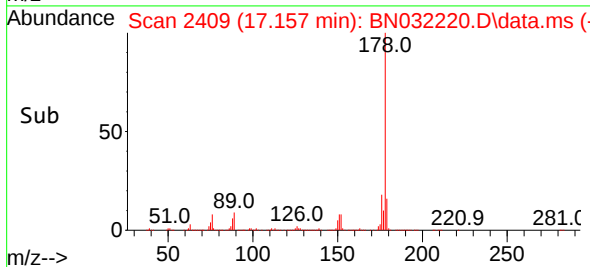
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024

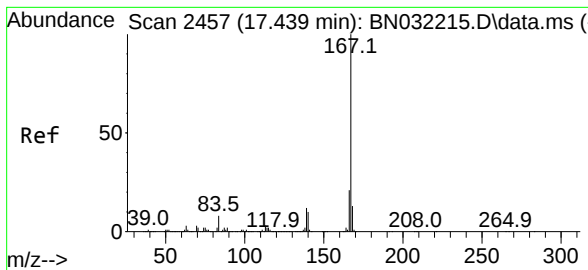


#74
Anthracene
Concen: 12.540 ng/u1
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36



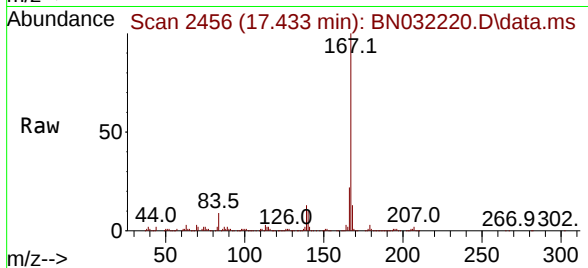
Tgt Ion:178 Resp: 957832
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 18.3 14.8 22.2





#77
 Carbazole
 Concen: 5.267 ng/ul
 RT: 17.433 min Scan# 2456
 Delta R.T. -0.006 min
 Lab File: BN032220.D
 Acq: 24 Jun 2024 23:36

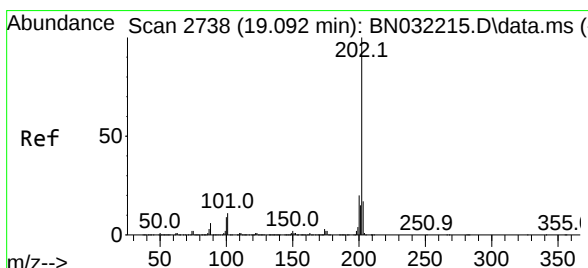
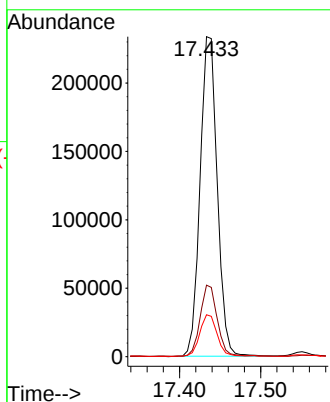
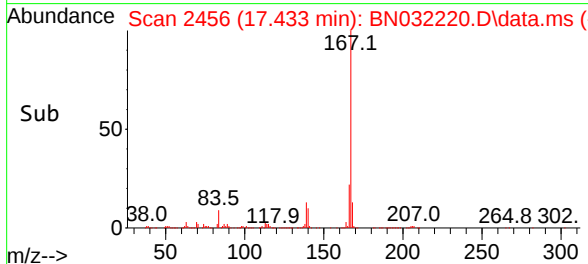
Instrument :
 BNA_N
 ClientSampleId :
 A4D48DL



Tgt Ion:167 Resp: 343039
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.1 10.5 15.7

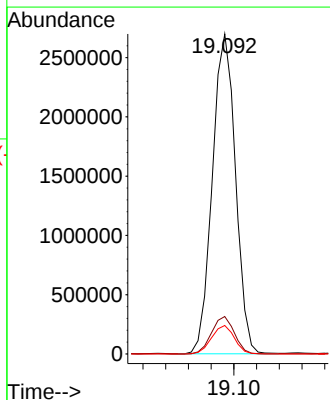
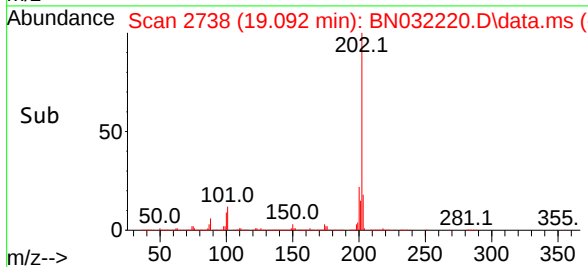
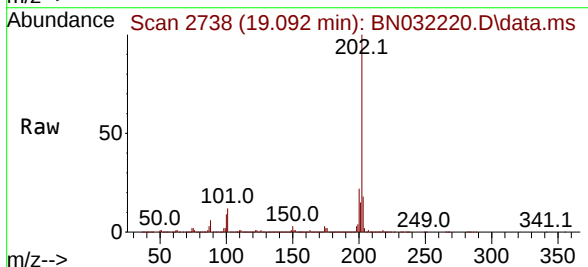
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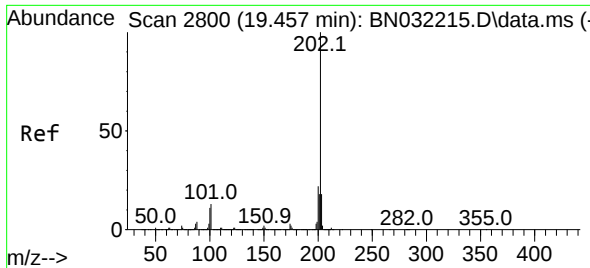
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024



#80
 Fluoranthene
 Concen: 42.903 ng/ul
 RT: 19.092 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN032220.D
 Acq: 24 Jun 2024 23:36

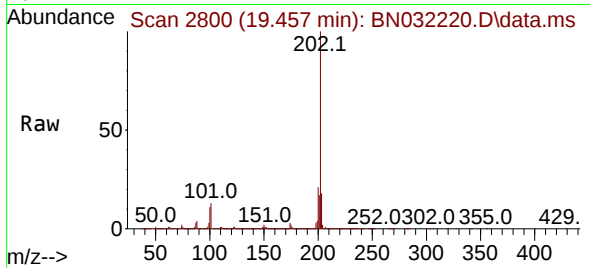
Tgt Ion:202 Resp: 3819930
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.3 15.5
 100 8.9 8.0 12.0





#82
Pyrene
Concen: 31.187 ng/ul
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

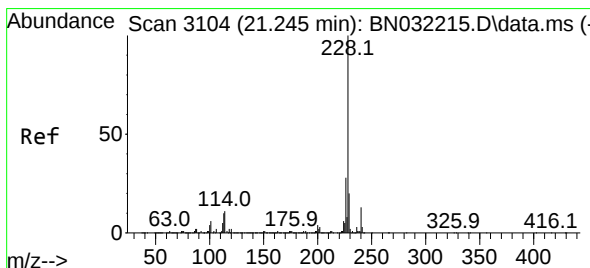
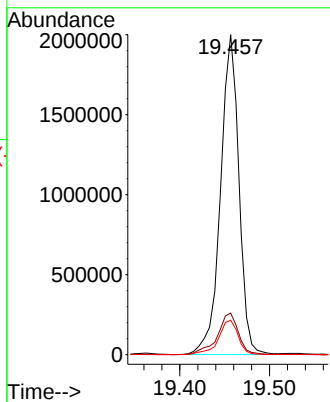
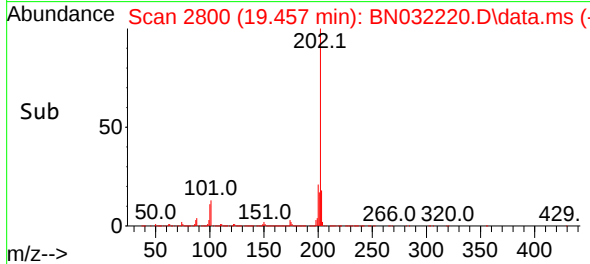
Instrument :
BNA_N
ClientSampleId :
A4D48DL



Tgt Ion:202 Resp: 2849020
Ion Ratio Lower Upper
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101 13.0 12.6 18.8
100 10.8 10.2 15.2

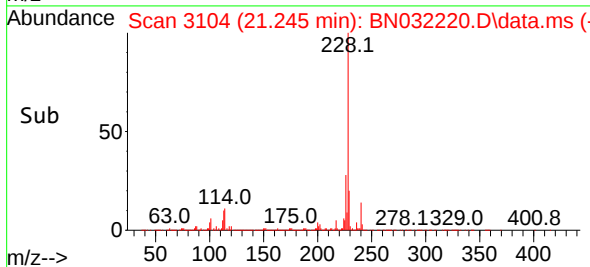
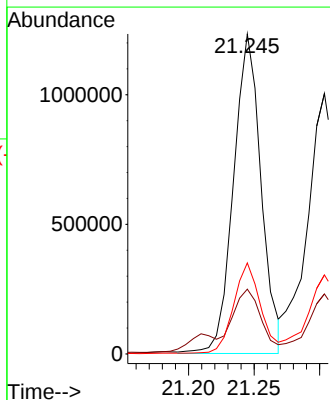
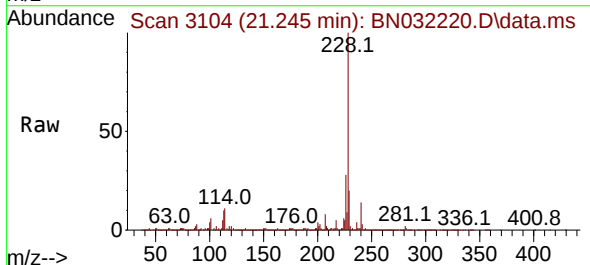
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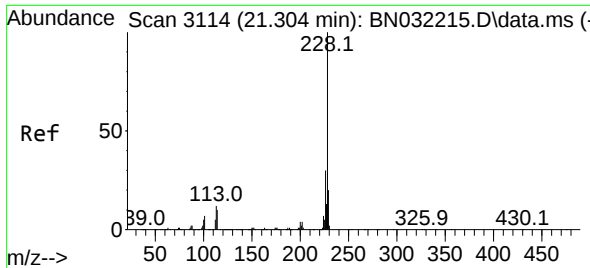
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#85
Benzo(a)anthracene
Concen: 19.362 ng/ul
RT: 21.245 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

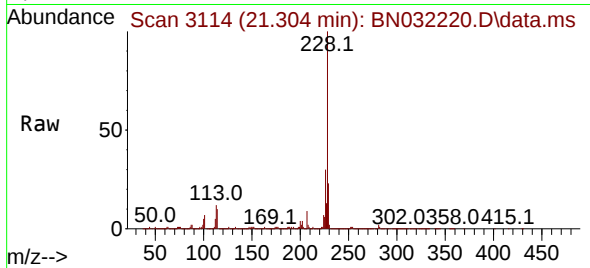
Tgt Ion:228 Resp: 1804314
Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 28.5 22.8 34.2





#87
Chrysene
Concen: 19.079 ng/ul m
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

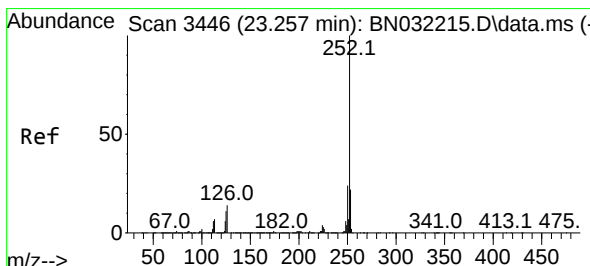
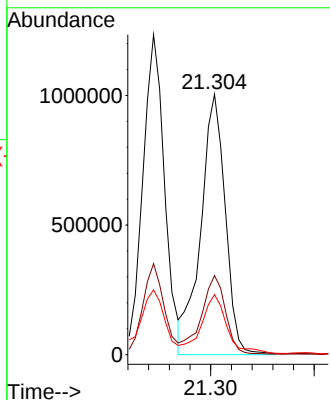
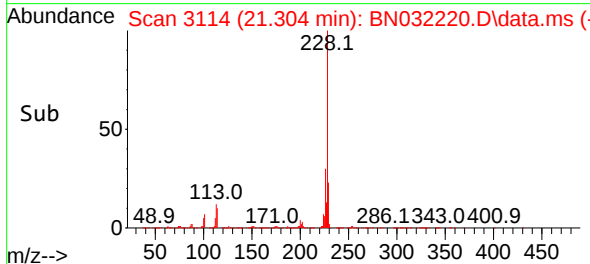
Instrument :
BNA_N
ClientSampleId :
A4D48DL



Tgt Ion:228 Resp: 1660702
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 23.0 15.1 22.7

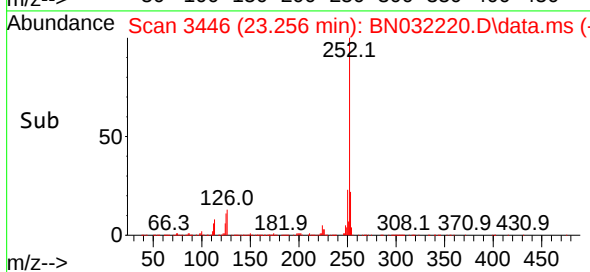
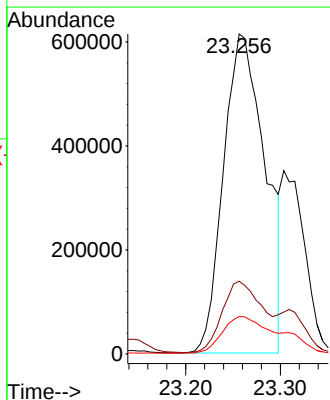
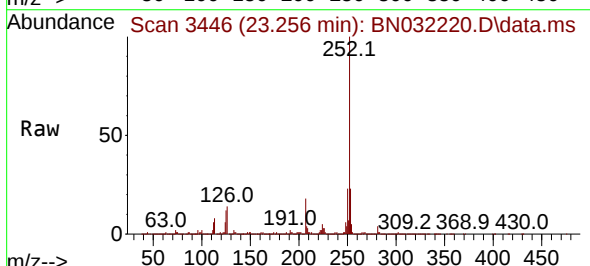
Manual Integrations
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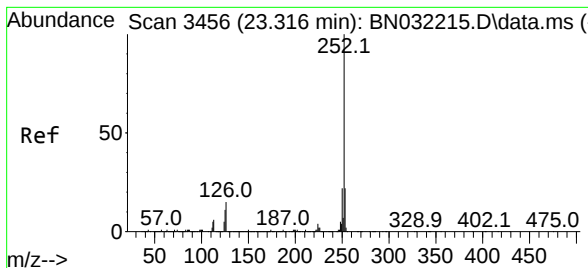
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :Jagrut Upadhyay 06/25/2024



#90
Benzo(b)fluoranthene
Concen: 19.111 ng/ul
RT: 23.256 min Scan# 3446
Delta R.T. -0.006 min
Lab File: BN032220.D
Acq: 24 Jun 2024 23:36

Tgt Ion:252 Resp: 1881256
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.7 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 6.119 ng/ul m

RT: 23.304 min Scan# 34

Delta R.T. -0.018 min

Lab File: BN032220.D

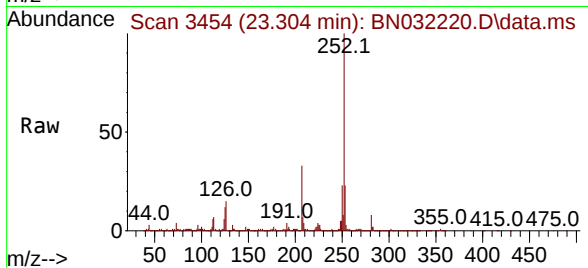
Acq: 24 Jun 2024 23:36

Instrument :

BNA_N

ClientSampleId :

A4D48DL



Tgt Ion:252 Resp: 59108

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

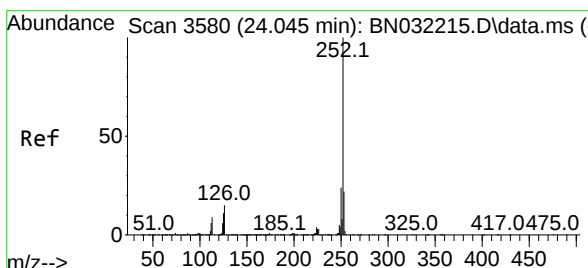
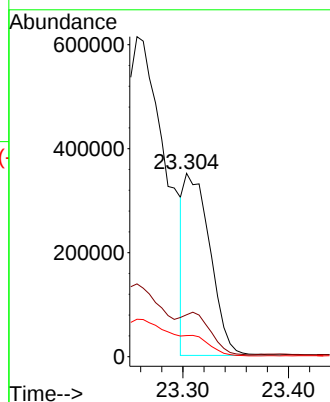
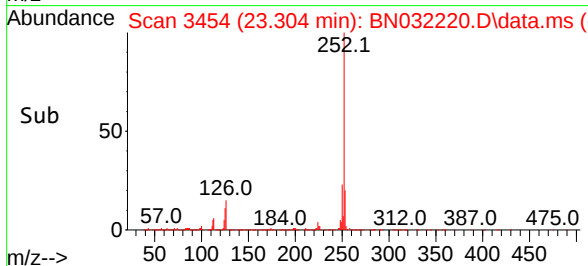
125 11.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :Jagrut Upadhyay 06/25/2024



#93

Benzo(a)pyrene

Concen: 8.756 ng/ul

RT: 24.033 min Scan# 3578

Delta R.T. -0.006 min

Lab File: BN032220.D

Acq: 24 Jun 2024 23:36

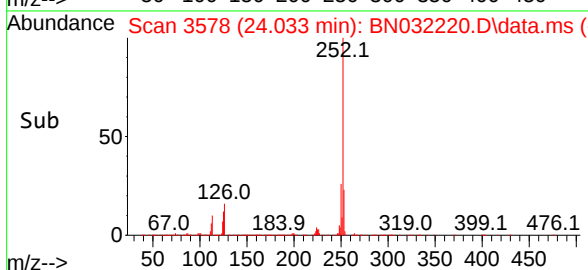
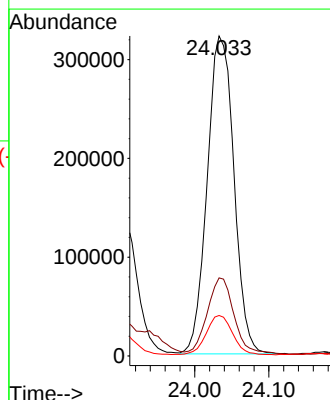
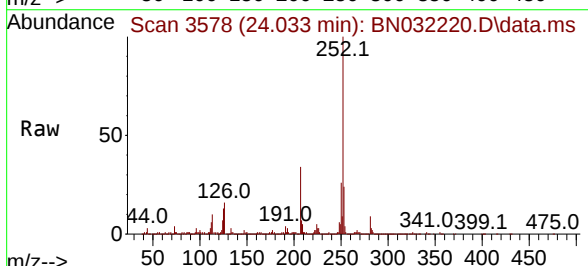
Tgt Ion:252 Resp: 807240

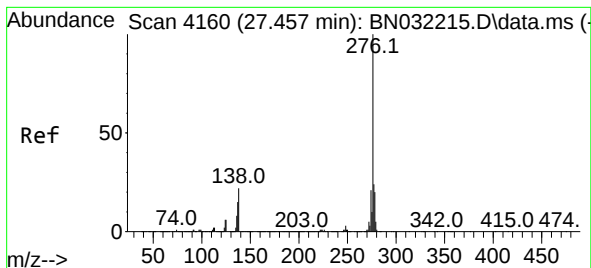
Ion Ratio Lower Upper

252 100

253 24.4 16.6 24.8

125 12.7 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.314 ng/ul

RT: 27.444 min Scan# 4158

Delta R.T. -0.000 min

Lab File: BN032220.D

Acq: 24 Jun 2024 23:36

Instrument :

BNA_N

ClientSampleId :

A4D48DL

Tgt Ion:276 Resp: 56456

Ion Ratio Lower Upper

276 100

138 21.7 18.1 27.1

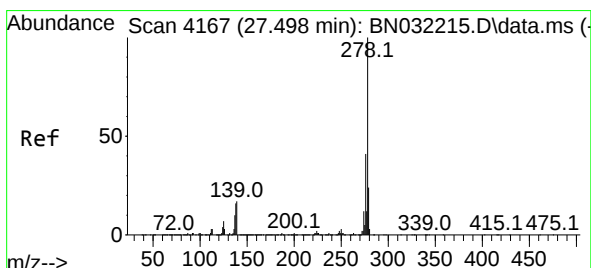
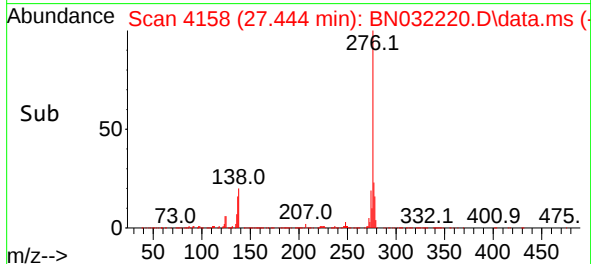
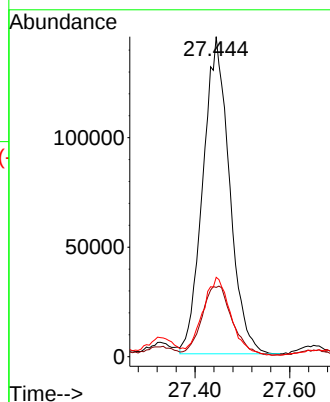
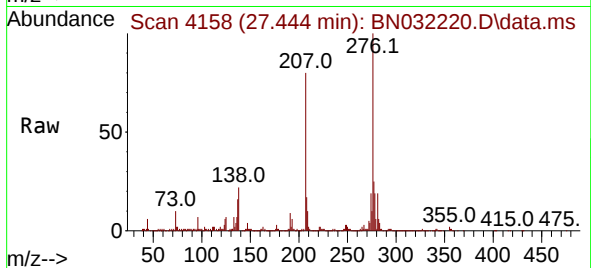
277 24.8 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :Jagrut Upadhyay 06/25/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.507 ng/ul m

RT: 27.474 min Scan# 4163

Delta R.T. -0.029 min

Lab File: BN032220.D

Acq: 24 Jun 2024 23:36

Tgt Ion:278 Resp: 217468

Ion Ratio Lower Upper

278 100

139 18.2 15.0 22.6

279 27.0 17.4 26.0#

