

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031763.D
 Acq On : 03 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2549-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH625

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 18:38:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	527982	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2315447	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1399395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2529609	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1474233	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1632167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	51455	4.032	ng/uL	0.00
4) Pyridine-d5	3.593	84	588579	16.383	ng/u1	0.00
7) Phenol-d5	6.852	99	1066005	23.551	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	590876	22.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.217	132	841960	24.379	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	806649	21.863	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	429620	24.267	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	452431	24.739	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	798352	23.384	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	709421	13.995	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2314680	23.743	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2712915	24.201	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	374061	19.163	ng/u1	0.00
60) Fluorene-d10	15.316	176	1934256	23.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	143809	11.310	ng/u1	0.00
73) Anthracene-d10	17.169	188	2662646	24.586	ng/u1	0.00
81) Pyrene-d10	19.469	212	2532243	32.099	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1992283	25.563	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.834	77	94753	4.463	ng/u1	98
50) Acenaphthylene	14.046	152	156967	1.239	ng/u1	99
72) Phenanthrene	17.110	178	1051235	8.158	ng/u1	99
74) Anthracene	17.204	178	205045	1.570	ng/u1	99
78) Di-n-butylphthalate	18.045	149	153905	1.005	ng/u1	99
80) Fluoranthene	19.134	202	2373177	25.171	ng/u1	99
82) Pyrene	19.498	202	2166341	22.395	ng/u1	97
83) Butylbenzylphthalate	20.404	149	60189	1.317	ng/u1	93
85) Benzo(a)anthracene	21.286	228	987388	10.006	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	281924	4.233	ng/u1	98
87) Chrysene	21.351	228	1086364	11.786	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1501686	15.393	ng/u1	98
91) Benzo(k)fluoranthene	23.375	252	412042m	4.304	ng/u1	
93) Benzo(a)pyrene	24.104	252	992182	10.859	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.557	276	740480	7.033	ng/u1	99
95) Dibenzo(a,h)anthracene	27.598	278	193891m	2.256	ng/u1	
96) Benzo(g,h,i)perylene	28.580	276	658489	7.867	ng/u1	98

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

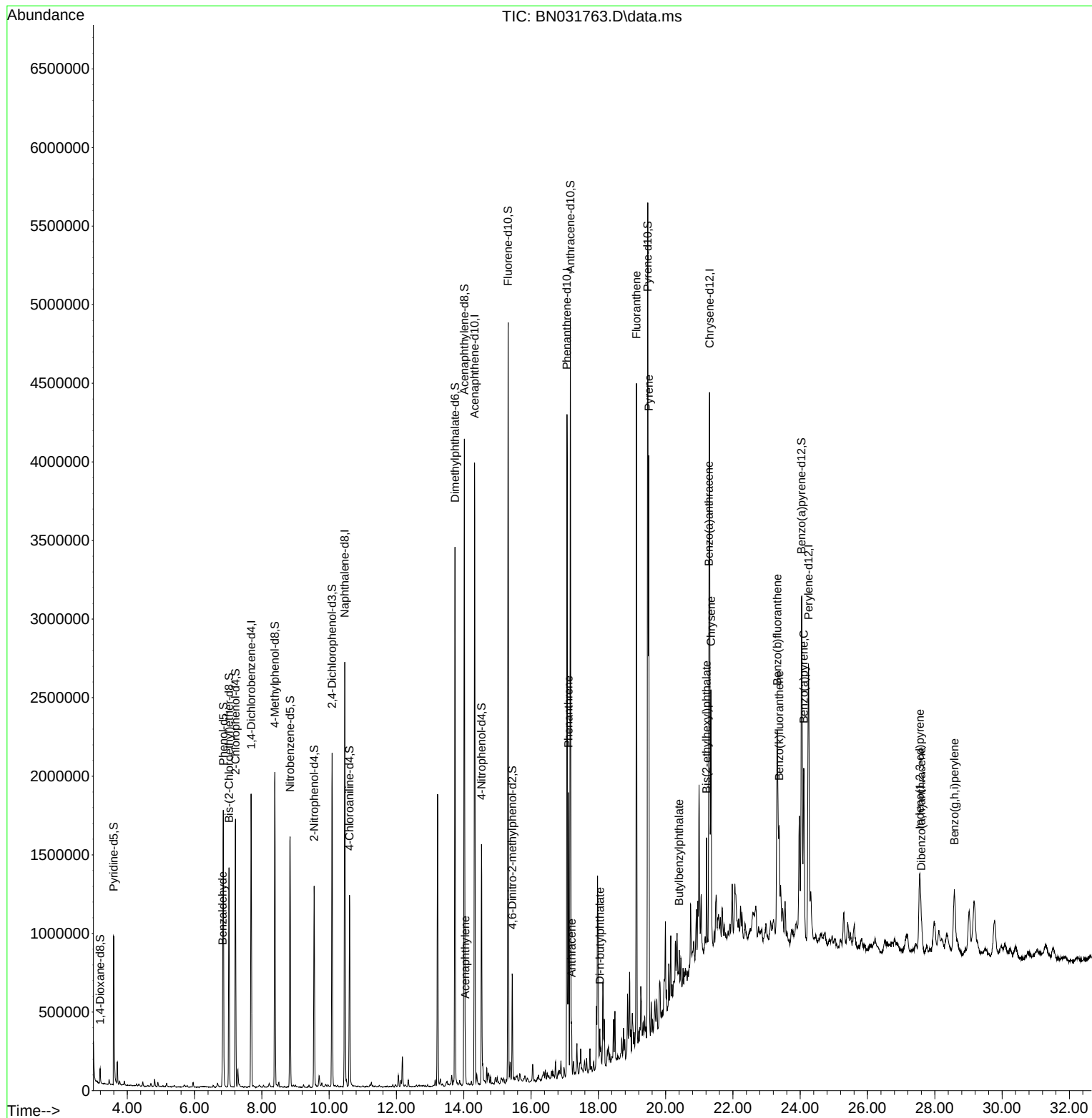
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031763.D
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 Operator : MA/JU
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 ALS Vial : 12 Sample Multiplier: 1

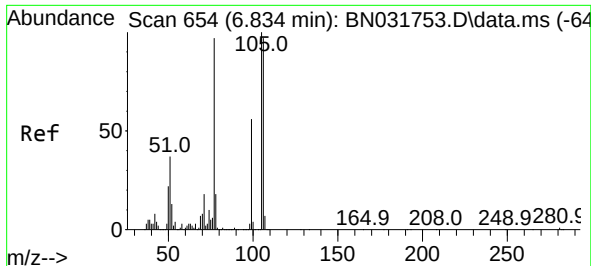
Instrument :
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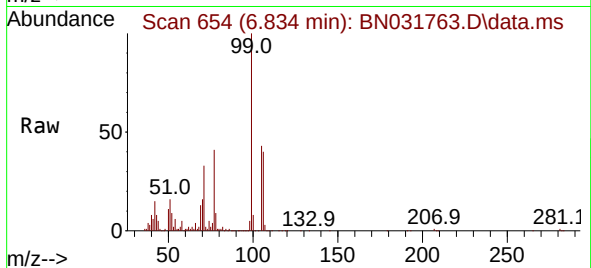
Quant Time: Jun 03 18:38:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#6
Benzaldehyde
Concen: 4.463 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

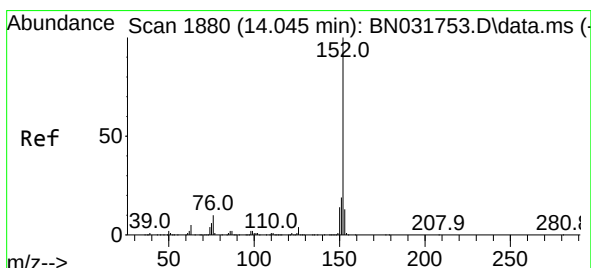
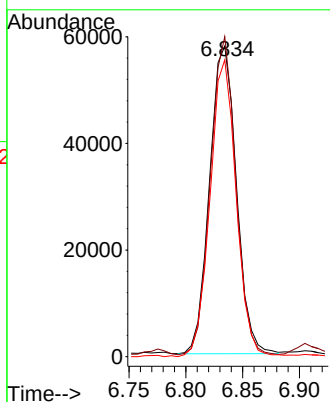
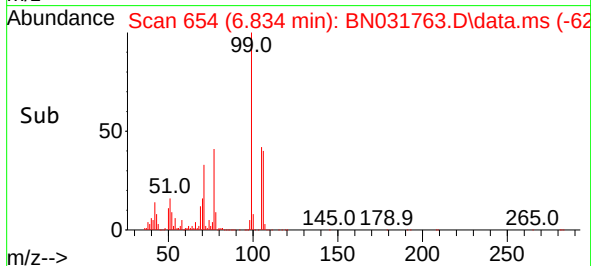
Instrument :
BNA_N
ClientSampleId :
BH625



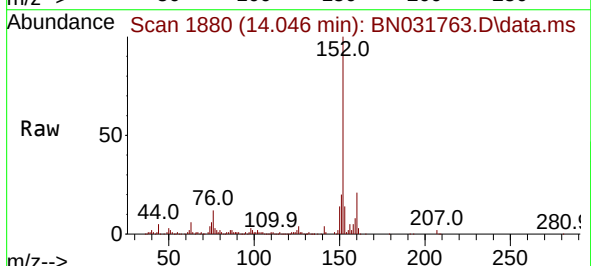
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Ion Ratio Lower Upper
77 100
105 103.0 80.2 120.4
106 95.6 76.8 115.2

Manual Integrations
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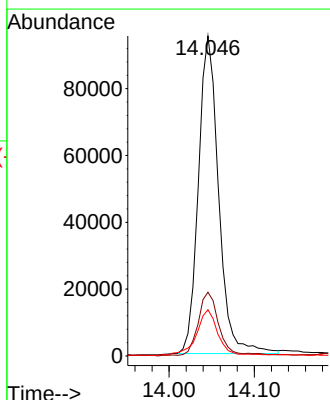
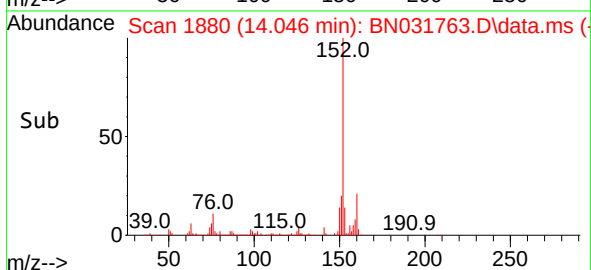
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

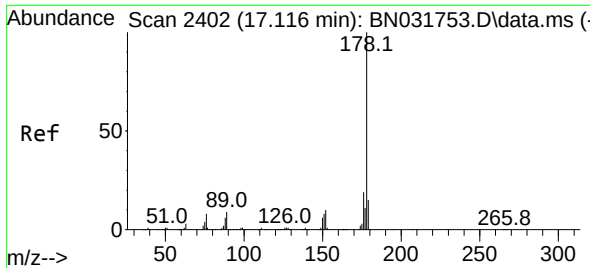


#50
Acenaphthylene
Concen: 1.239 ng/ul
RT: 14.046 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16



Tgt Ion:152 Resp: 156967
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.5 10.4 15.6





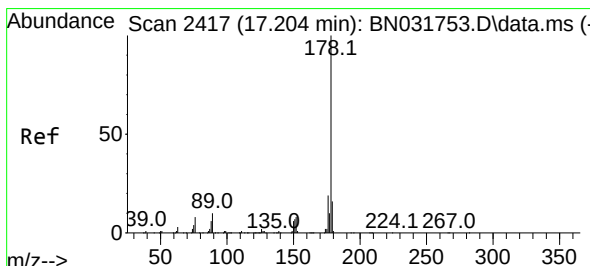
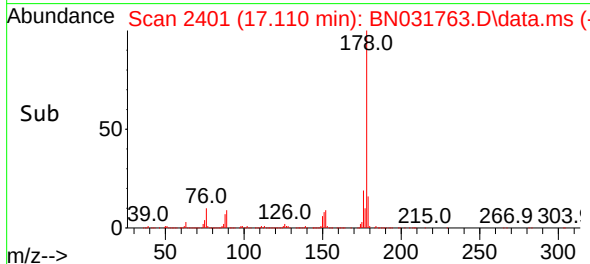
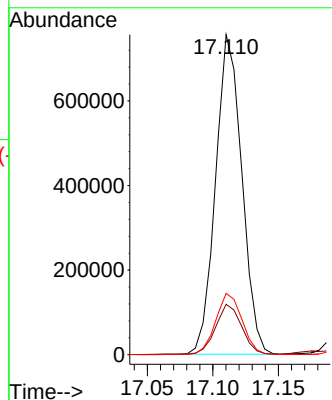
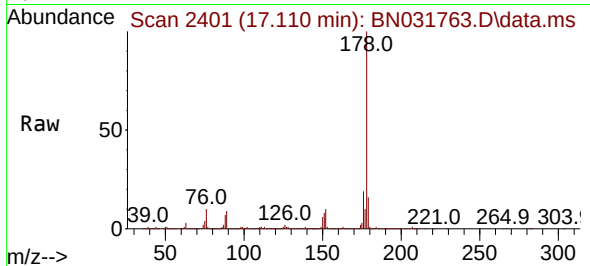
#72
Phenanthrene
Concen: 8.158 ng/u1
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

Instrument :
BNA_N
ClientSampleId :
BH625

Tgt Ion:178 Resp: 1051235
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.2 15.8 23.6

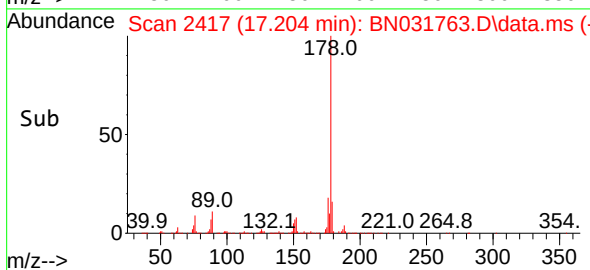
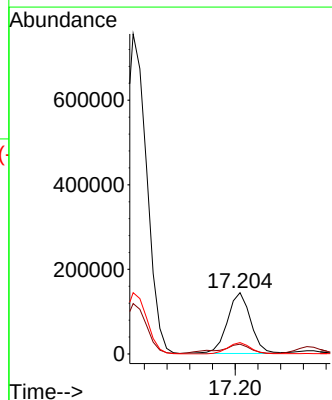
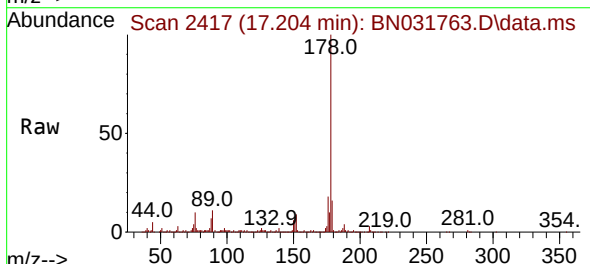
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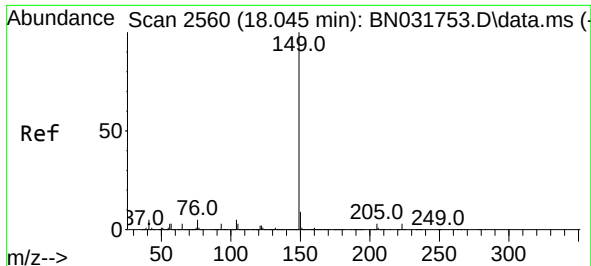
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74
Anthracene
Concen: 1.570 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

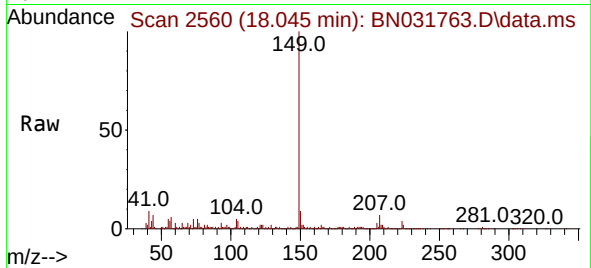
Tgt Ion:178 Resp: 205045
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 18.5 14.8 22.2





#78
Di-n-butylphthalate
Concen: 1.005 ng/ul
RT: 18.045 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

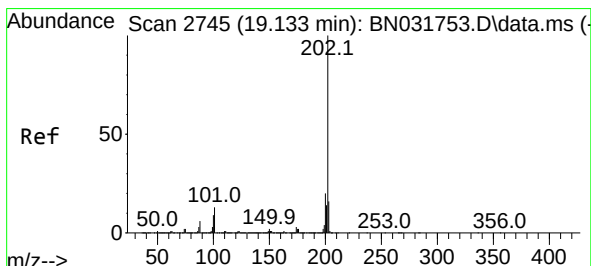
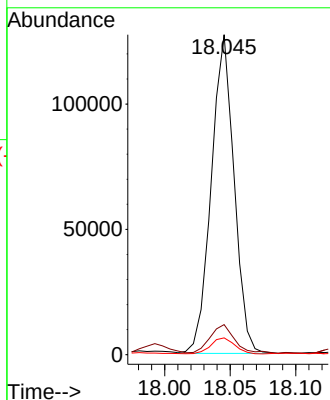
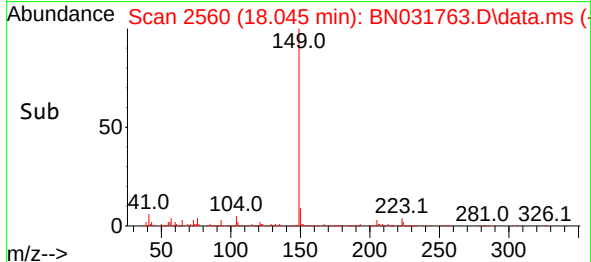
Instrument :
BNA_N
ClientSampleId :
BH625



Tgt Ion:149 Resp: 153905
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.3 4.1 6.1

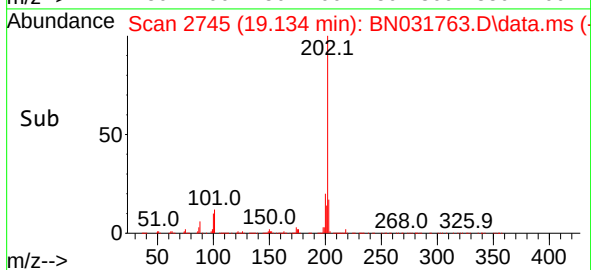
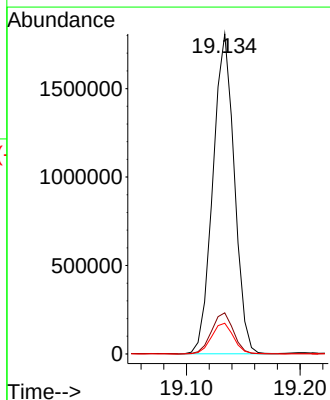
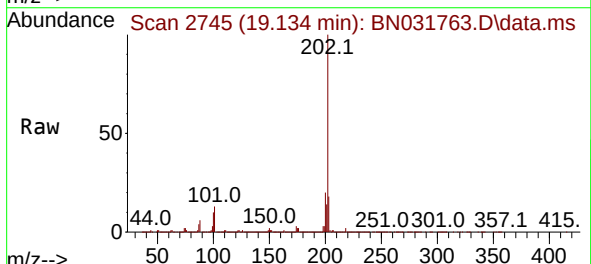
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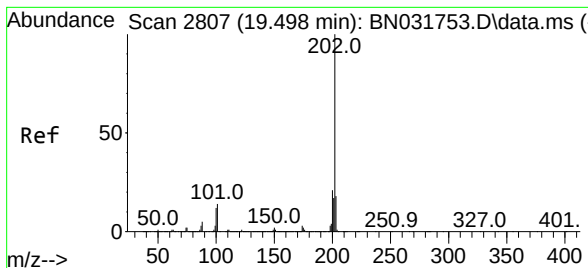
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#80
Fluoranthene
Concen: 25.171 ng/ul
RT: 19.134 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

Tgt Ion:202 Resp: 2373177
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.6 8.0 12.0





#82

Pyrene

Concen: 22.395 ng/ul

RT: 19.498 min Scan# 216634

Delta R.T. 0.006 min

Lab File: BN031763.D

Acq: 03 Jun 2024 17:16

Instrument :

BNA_N

ClientSampleId :

BH625

Tgt Ion:202 Resp: 216634

Ion Ratio Lower Upper

202 100

101 14.6 12.6 18.8

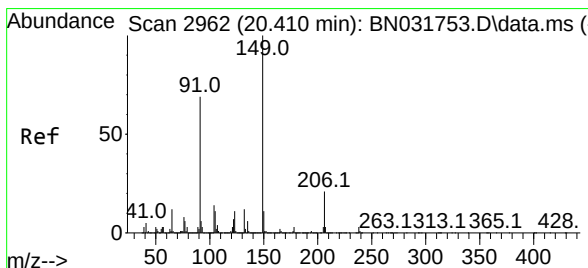
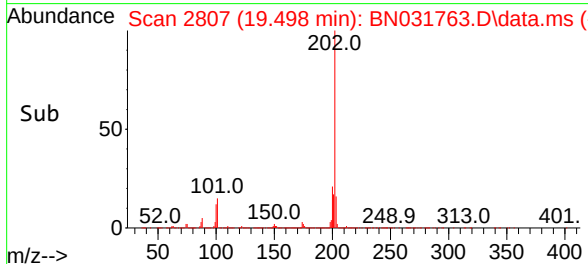
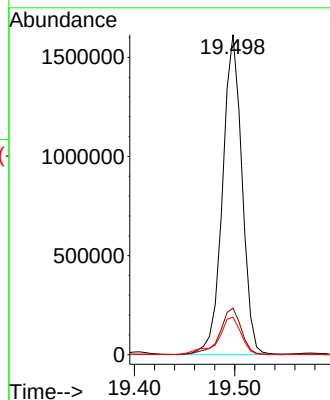
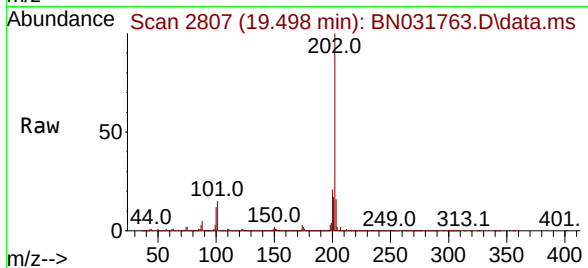
100 11.7 10.2 15.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024

Supervised By :mohammad ahmed 06/05/2024



#83

Butylbenzylphthalate

Concen: 1.317 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BN031763.D

Acq: 03 Jun 2024 17:16

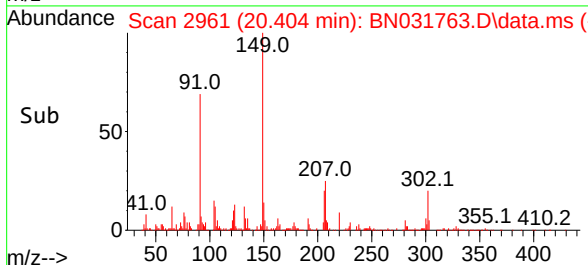
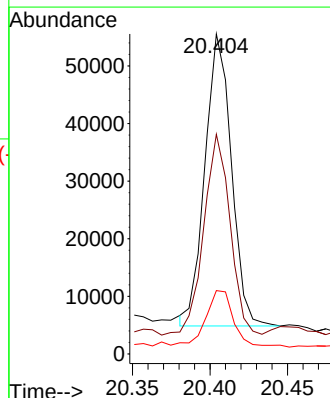
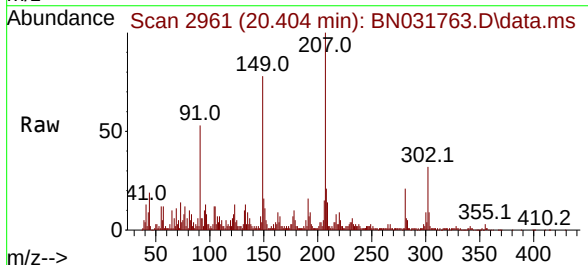
Tgt Ion:149 Resp: 60189

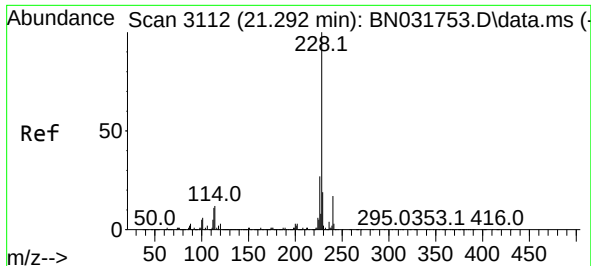
Ion Ratio Lower Upper

149 100

91 68.6 61.0 91.4

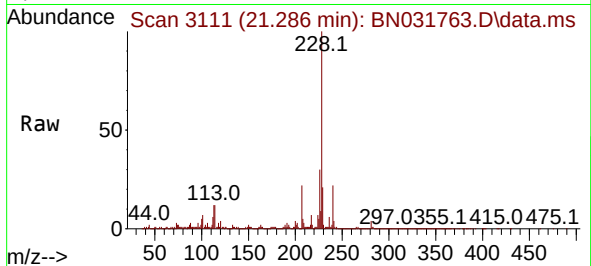
206 19.8 16.5 24.7





#85
Benzo(a)anthracene
Concen: 10.006 ng/ul
RT: 21.286 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

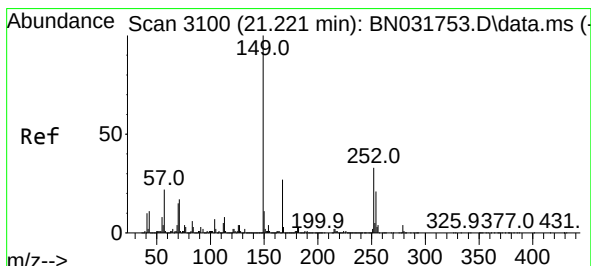
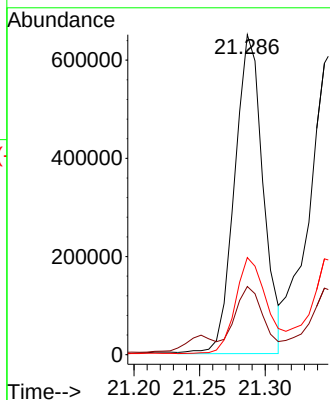
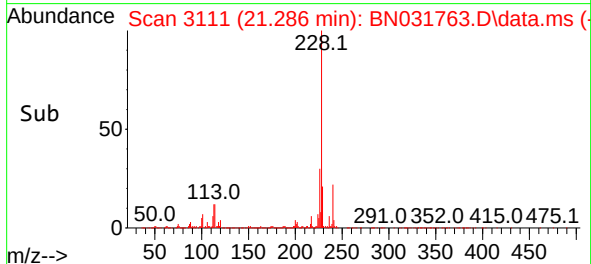
Instrument :
BNA_N
ClientSampleId :
BH625



Tgt Ion:228 Resp: 987388
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 30.3 22.8 34.2

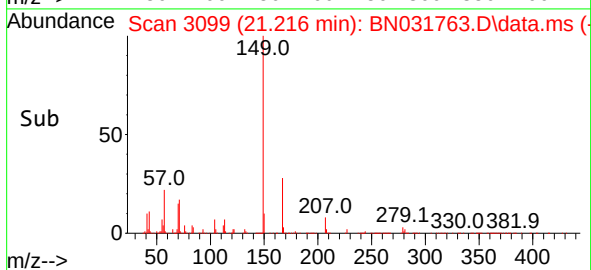
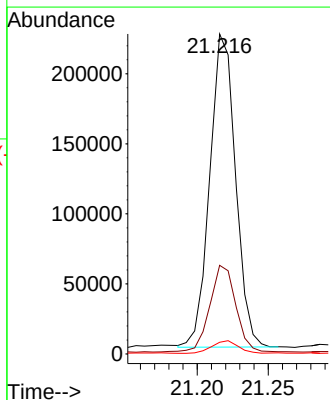
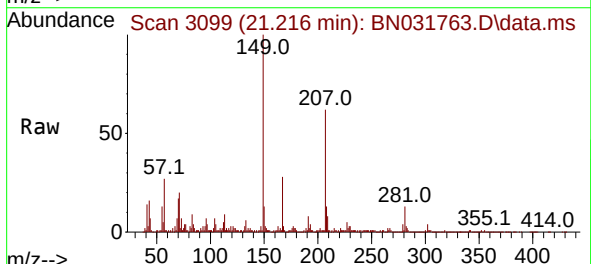
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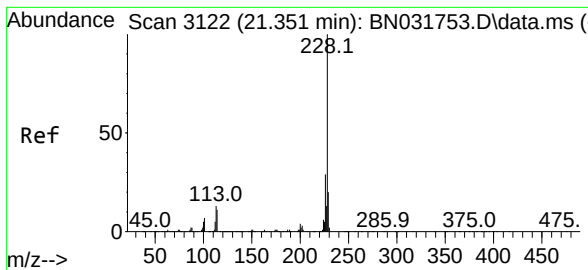
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.233 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

Tgt Ion:149 Resp: 281924
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 3.6 3.3 4.9





#87

Chrysene

Concen: 11.786 ng/ul

RT: 21.351 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BN031763.D

Acq: 03 Jun 2024 17:16

Instrument :

BNA_N

ClientSampleId :

BH625

Tgt Ion:228 Resp: 108636

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

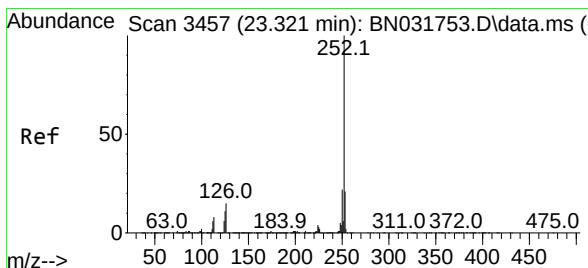
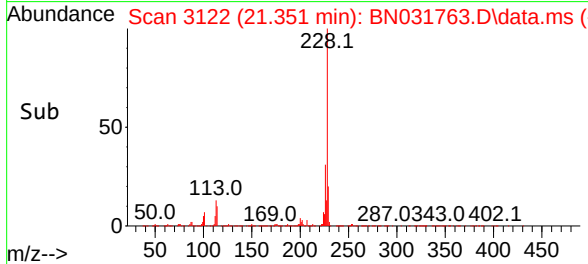
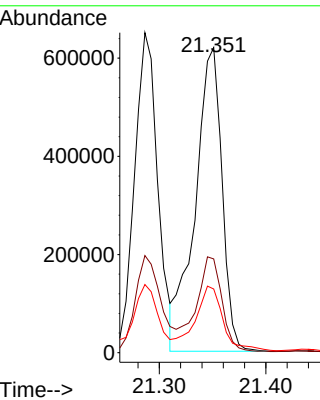
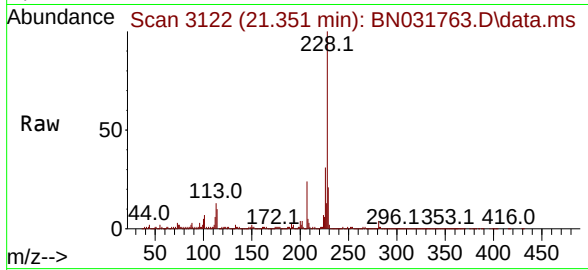
229 20.9 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/05/2024



#90

Benzo(b)fluoranthene

Concen: 15.393 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031763.D

Acq: 03 Jun 2024 17:16

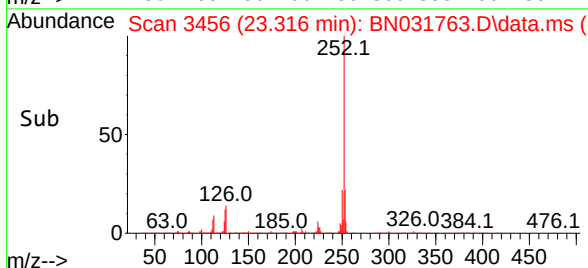
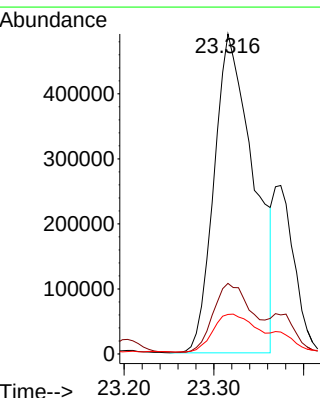
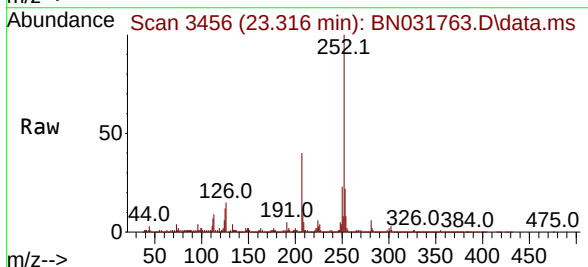
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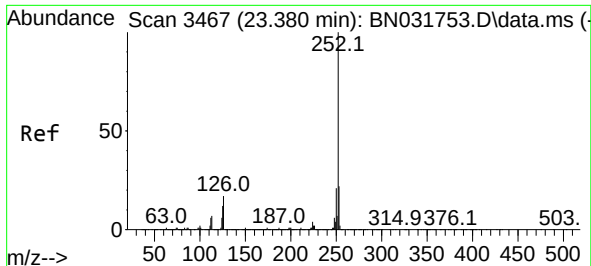
Ion Ratio Lower Upper

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253 22.0 17.0 25.6

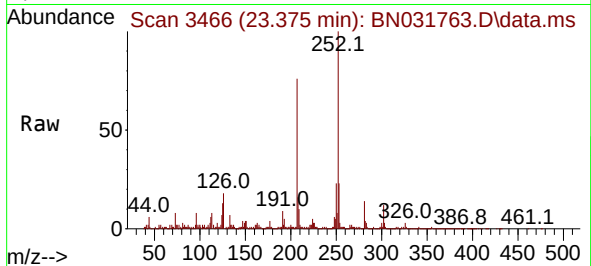
125 12.3 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 4.304 ng/ul m
RT: 23.375 min Scan# 3467
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16

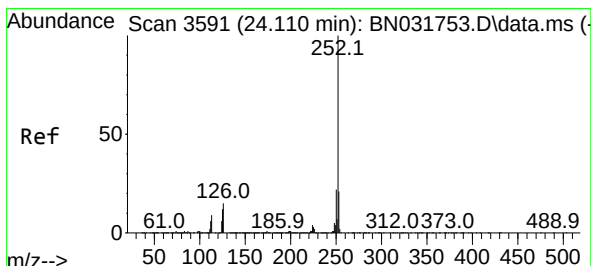
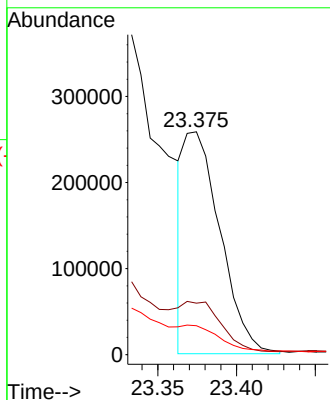
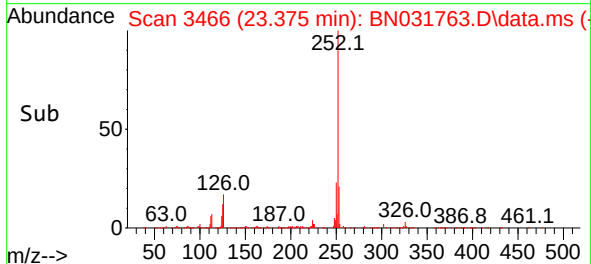
Instrument :
BNA_N
ClientSampleId :
BH625



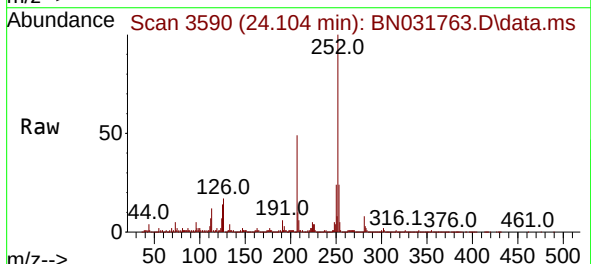
Tgt Ion:252 Resp: 41204
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 13.0 9.4 14.2

Manual Integrations
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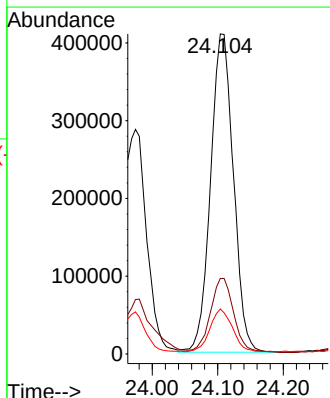
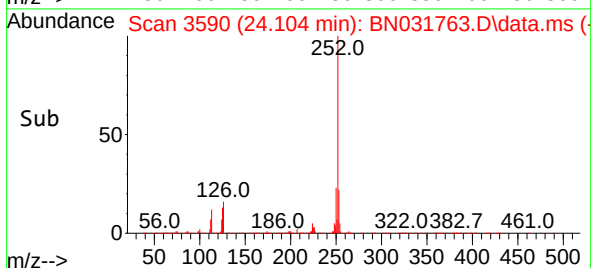
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

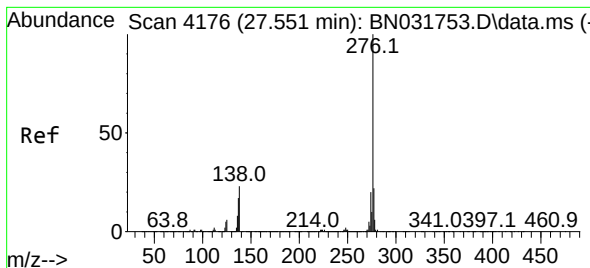


#93
Benzo(a)pyrene
Concen: 10.859 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031763.D
Acq: 03 Jun 2024 17:16



Tgt Ion:252 Resp: 992182
Ion Ratio Lower Upper
252 100
253 23.6 16.6 24.8
125 14.1 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.033 ng/ul

RT: 27.557 min Scan# 4176

Delta R.T. 0.024 min

Lab File: BN031763.D

Acq: 03 Jun 2024 17:16

Instrument :

BNA_N

ClientSampleId :

BH625

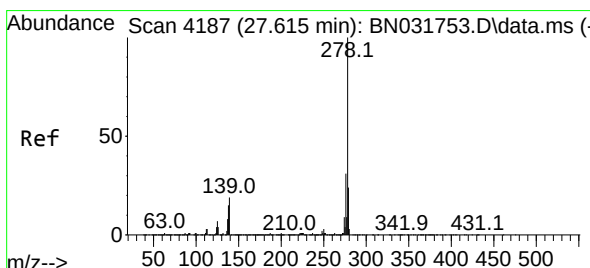
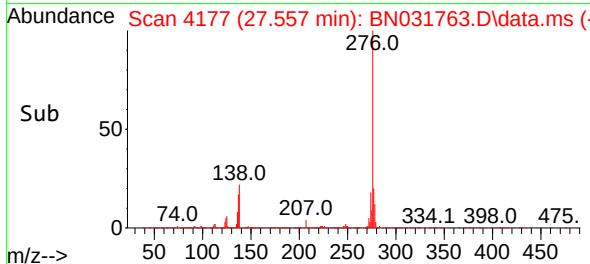
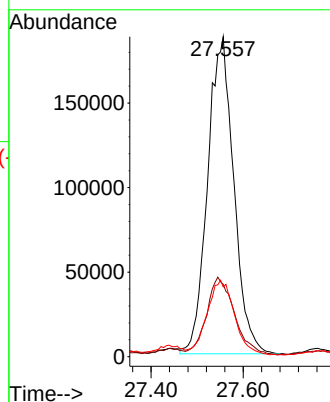
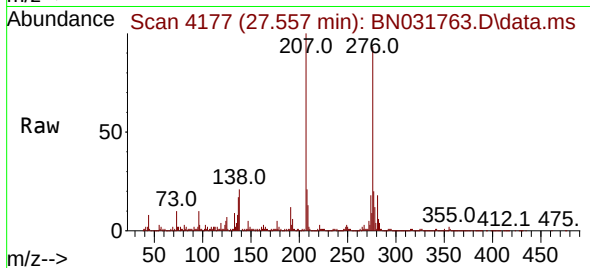
Tgt Ion:276 Resp: 740480

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.1	27.1
277	21.8	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.256 ng/ul m

RT: 27.598 min Scan# 4184

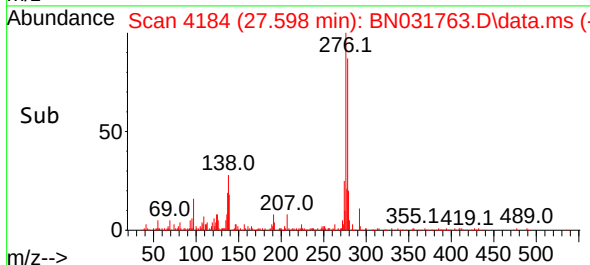
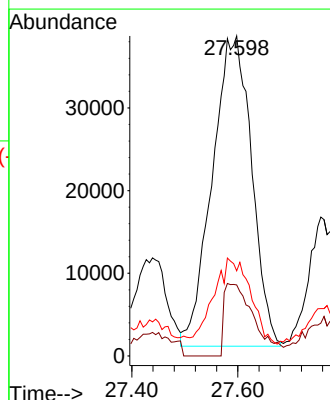
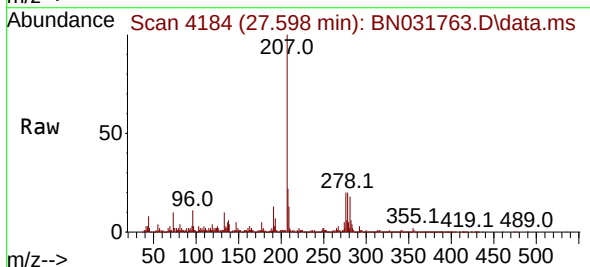
Delta R.T. -0.006 min

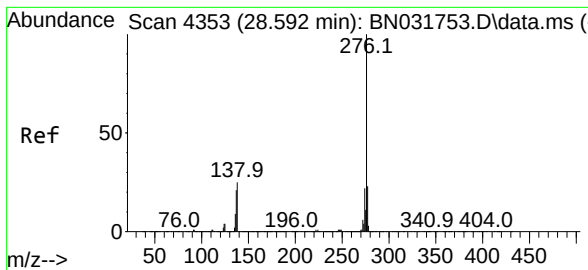
Lab File: BN031763.D

Acq: 03 Jun 2024 17:16

Tgt Ion:278 Resp: 193891

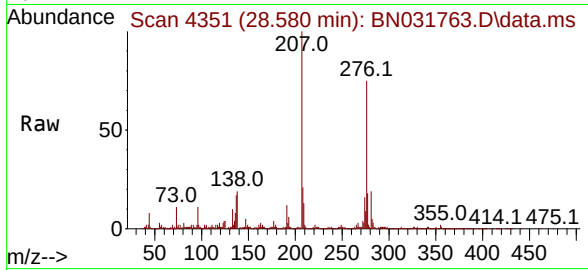
Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.0	22.6
279	26.6	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 7.867 ng/ul
 RT: 28.580 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BN031763.D
 Acq: 03 Jun 2024 17:16

Instrument :
 BNA_N
 ClientSampleId :
 BH625



Tgt Ion: 276 Resp: 658489

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.9	31.3
277	24.2	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

