

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031762.D
 Acq On : 03 Jun 2024 16:36
 Operator : MA/JU
 Sample : P2549-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH624

Manual Integrations
 APPROVED

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

Quant Time: Jun 03 17:25:42 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	603317	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2661634	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1589065	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2823894	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1656316	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1824594	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	57792	3.963	ng/uL	0.00
4) Pyridine-d5	3.593	84	691087	16.835	ng/u1	0.00
7) Phenol-d5	6.852	99	1236126	23.900	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	678238	22.419	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	958587	24.290	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	976535	23.162	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	493924	24.270	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	527158	25.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	918351	23.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	672345	11.538	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2672272	24.139	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3087928	24.259	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	431325	19.459	ng/u1	0.00
60) Fluorene-d10	15.316	176	2248957	24.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	186509m	13.140	ng/u1	0.00
73) Anthracene-d10	17.169	188	3050612	25.233	ng/u1	0.00
81) Pyrene-d10	19.469	212	2739375	30.907	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2223201	25.517	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.834	77	107958	4.450	ng/u1	99
50) Acenaphthylene	14.046	152	236874	1.647	ng/u1	99
72) Phenanthrene	17.110	178	1385437	9.631	ng/u1	100
74) Anthracene	17.204	178	302381	2.074	ng/u1	99
77) Carbazole	17.475	167	133606	1.075	ng/u1	99
80) Fluoranthene	19.134	202	3281728	30.982	ng/u1	99
82) Pyrene	19.498	202	3060879	28.164	ng/u1	98
83) Butylbenzylphthalate	20.404	149	129694	2.527	ng/u1	96
85) Benzo(a)anthracene	21.286	228	1390968	12.547	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	609795	8.150	ng/u1	98
87) Chrysene	21.351	228	1584170	15.298	ng/u1	97
90) Benzo(b)fluoranthene	23.322	252	2117156	19.413	ng/u1	96
91) Benzo(k)fluoranthene	23.369	252	771312	7.207	ng/u1	98
93) Benzo(a)pyrene	24.110	252	1489545	14.583	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.557	276	1146031	9.736	ng/u1	97
95) Dibenzo(a,h)anthracene	27.604	278	286610m	2.983	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1039396	11.109	ng/u1	99

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

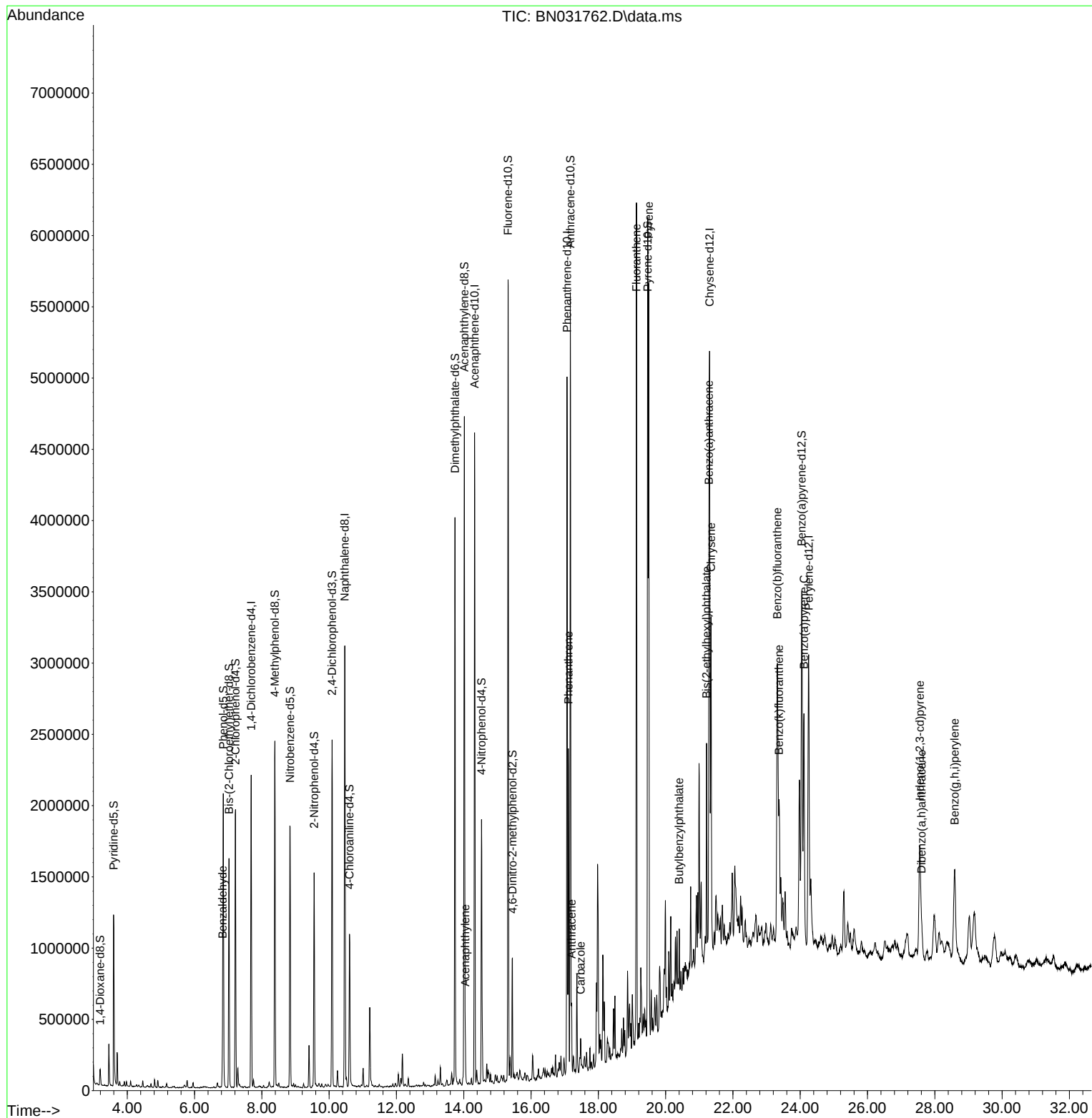
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
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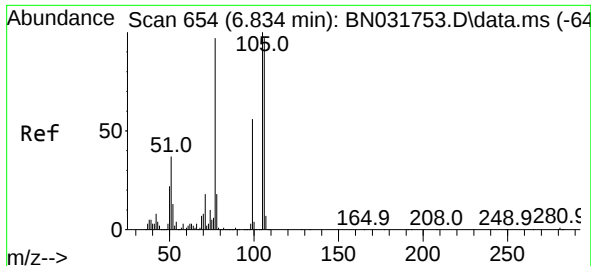
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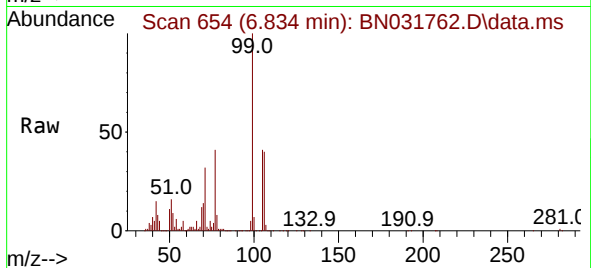
Quant Time: Jun 03 17:25:42 2024
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 Quant Title : SVOA CALIBRATION
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#6
Benzaldehyde
Concen: 4.450 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

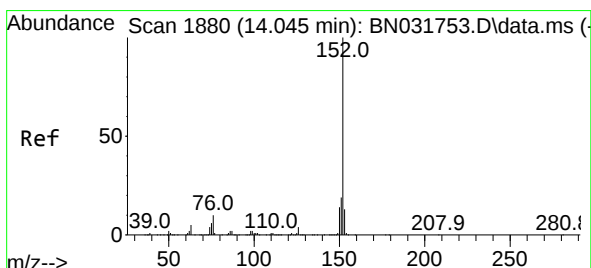
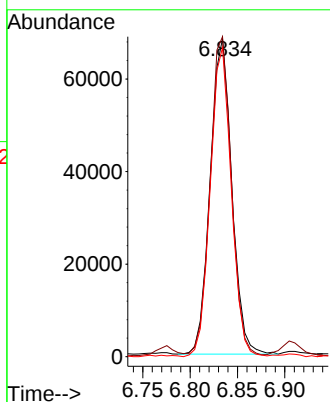
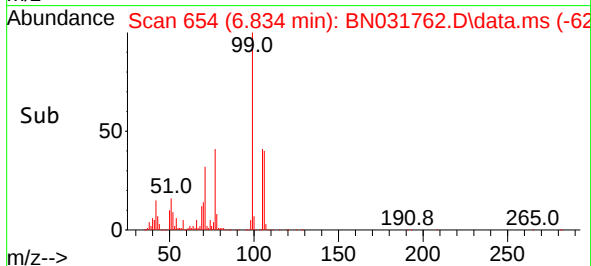
Instrument :
BNA_N
ClientSampleId :
BH624



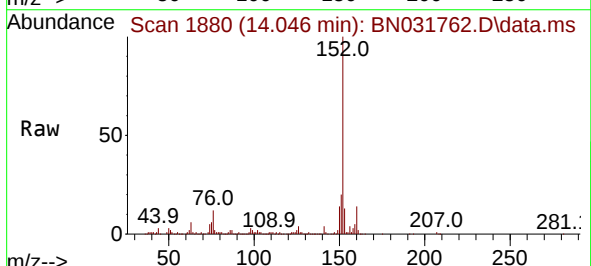
Tgt Ion: 77 Resp: 107958
Ion Ratio Lower Upper
77 100
105 100.6 80.2 120.4
106 97.2 76.8 115.2

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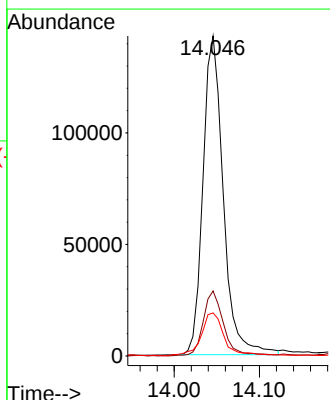
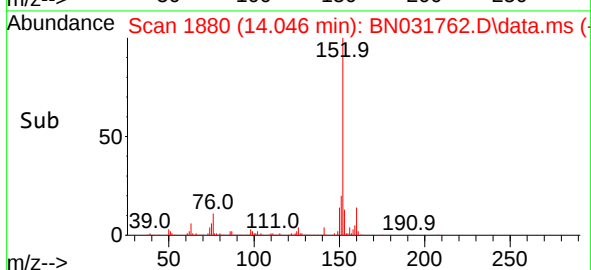
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

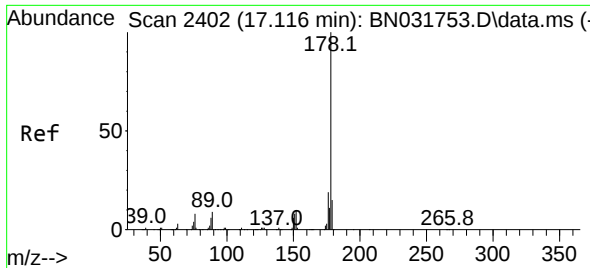


#50
Acenaphthylene
Concen: 1.647 ng/ul
RT: 14.046 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36



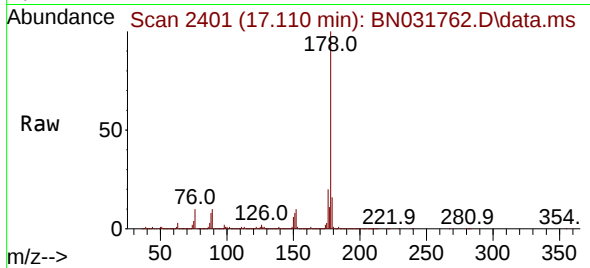
Tgt Ion:152 Resp: 236874
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.5 10.4 15.6





#72
Phenanthrene
Concen: 9.631 ng/u1
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

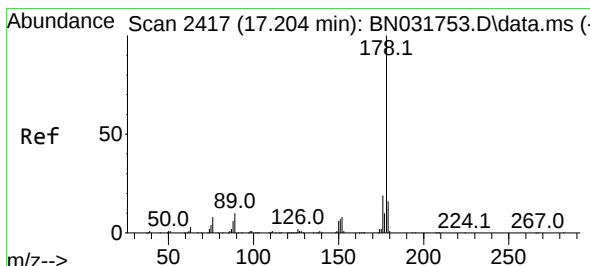
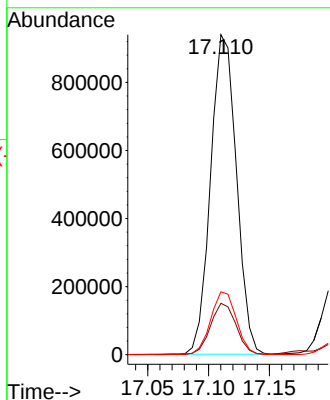
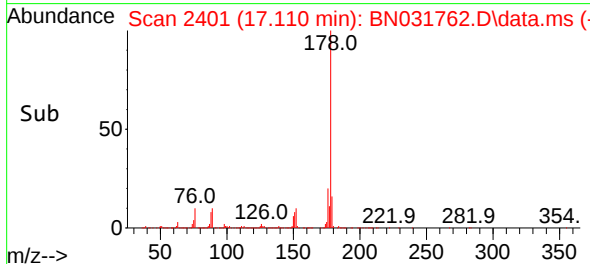
Instrument :
BNA_N
ClientSampleId :
BH624



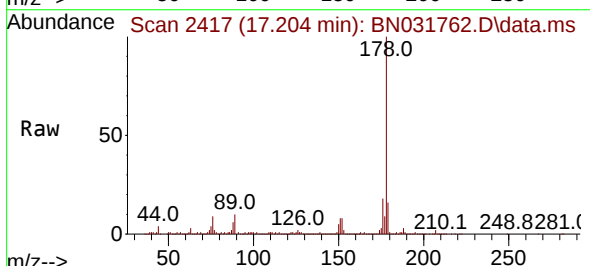
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Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.6 15.8 23.6

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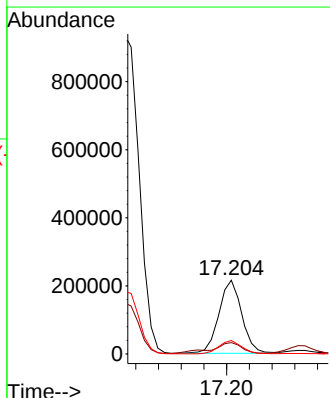
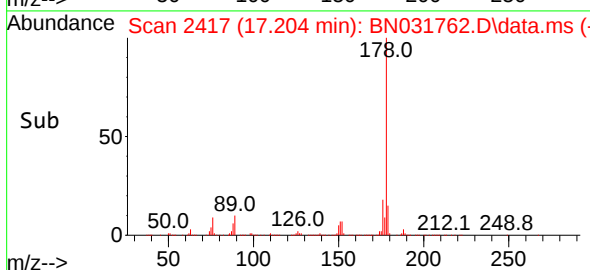
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

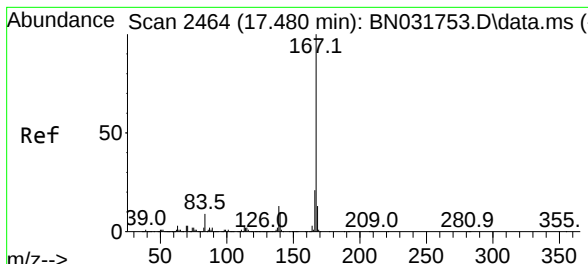


#74
Anthracene
Concen: 2.074 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36



Tgt Ion:178 Resp: 302381
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 18.2 14.8 22.2





#77
 Carbazole
 Concen: 1.075 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031762.D
 Acq: 03 Jun 2024 16:36

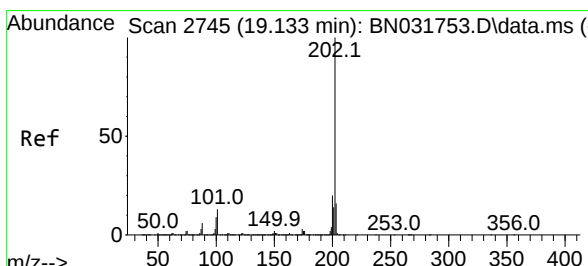
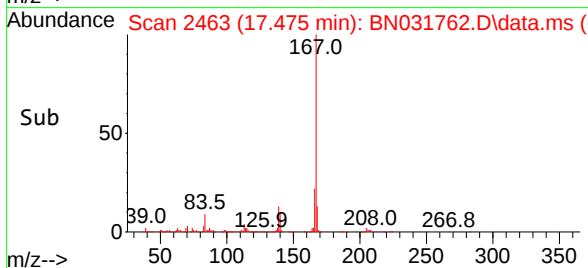
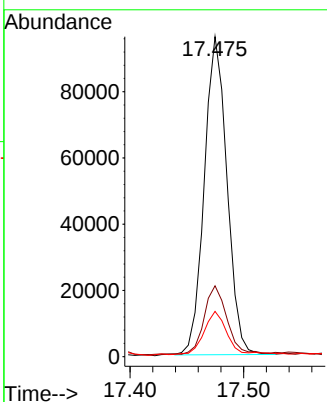
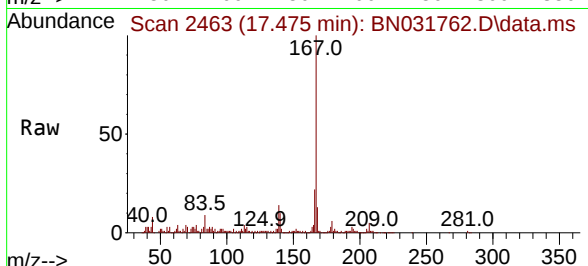
Instrument :
 BNA_N
 ClientSampleId :
 BH624

Tgt Ion:167 Resp: 133600

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.9	26.9
139	14.2	10.5	15.7

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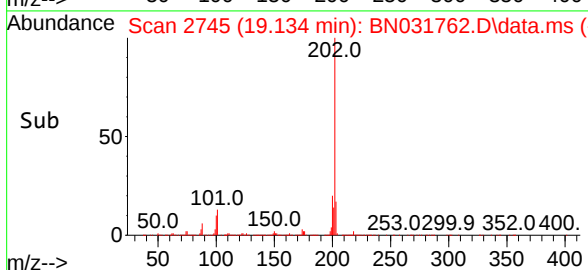
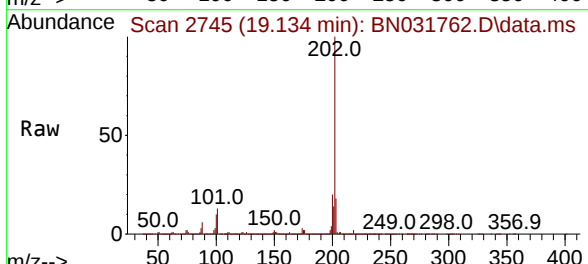
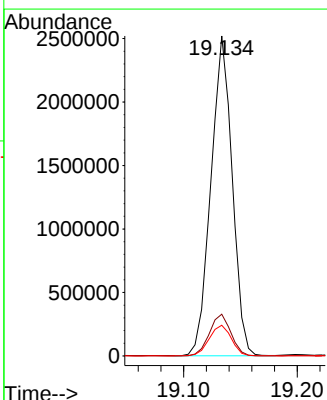
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

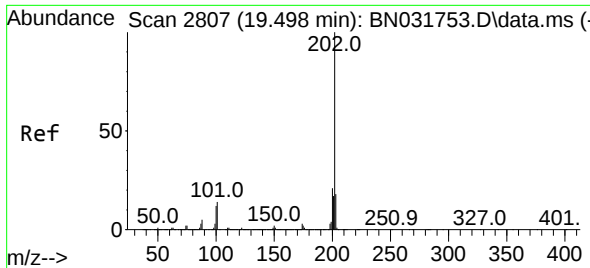


#80
 Fluoranthene
 Concen: 30.982 ng/ul
 RT: 19.134 min Scan# 2745
 Delta R.T. 0.000 min
 Lab File: BN031762.D
 Acq: 03 Jun 2024 16:36

Tgt Ion:202 Resp: 3281728

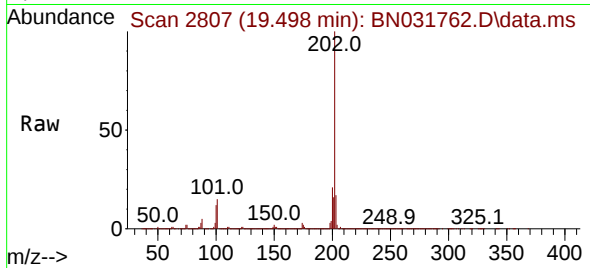
Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.3	15.5
100	9.6	8.0	12.0





#82
Pyrene
Concen: 28.164 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

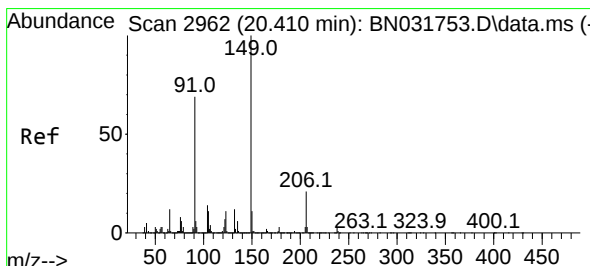
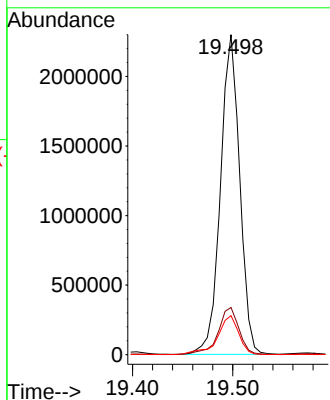
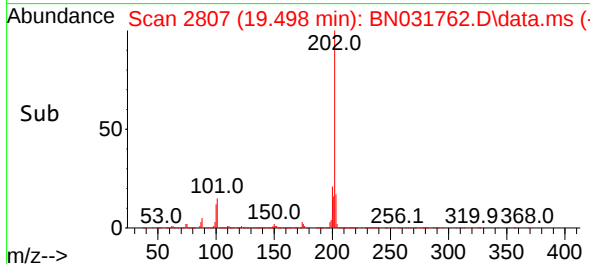
Instrument :
BNA_N
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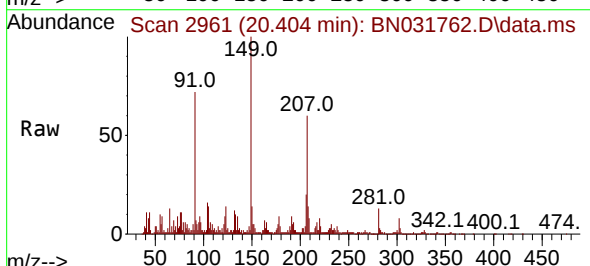
Tgt Ion:202 Resp: 3060879
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.2 10.2 15.2

Manual Integrations
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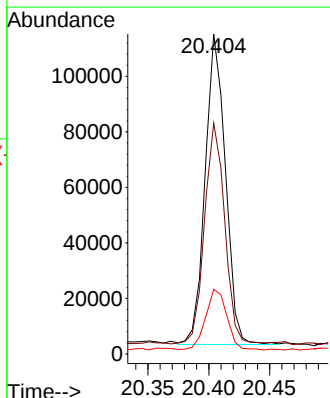
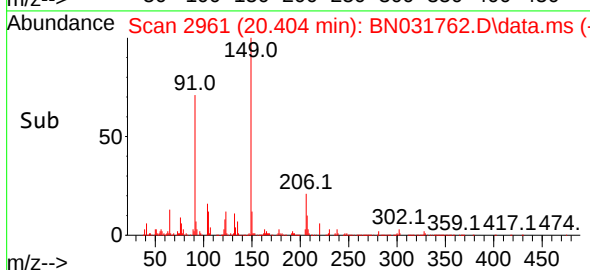
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Supervised By :mohammad ahmed 06/05/2024

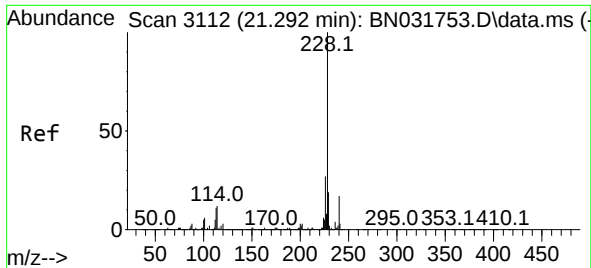


#83
Butylbenzylphthalate
Concen: 2.527 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36



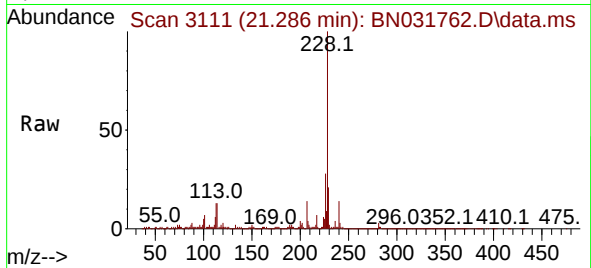
Tgt Ion:149 Resp: 129694
Ion Ratio Lower Upper
149 100
91 72.1 61.0 91.4
206 20.2 16.5 24.7





#85
Benzo(a)anthracene
Concen: 12.547 ng/ul
RT: 21.286 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

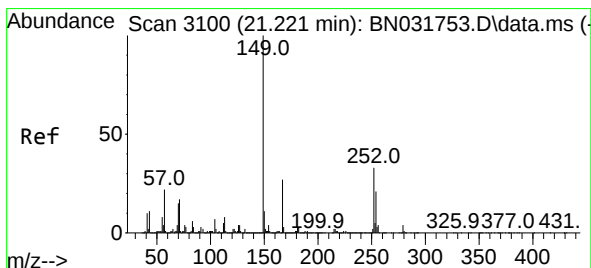
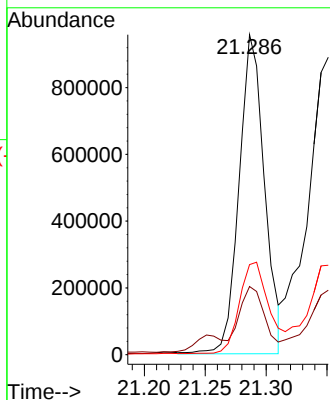
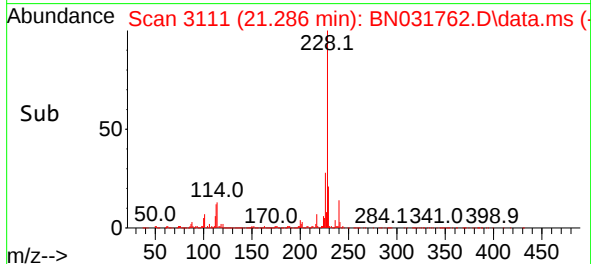
Instrument :
BNA_N
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Tgt Ion:228 Resp: 139096
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 28.1 22.8 34.2

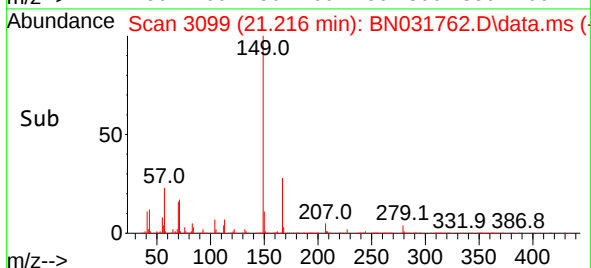
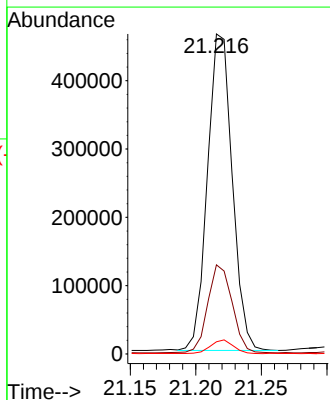
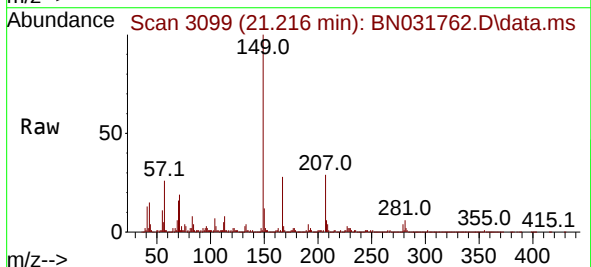
Manual Integrations
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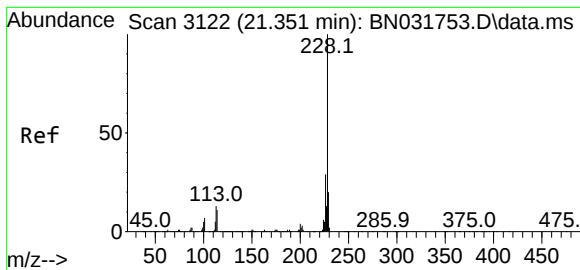
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 8.150 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

Tgt Ion:149 Resp: 609795
Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 3.8 3.3 4.9





#87

Chrysene

Concen: 15.298 ng/ul

RT: 21.351 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BN031762.D

Acq: 03 Jun 2024 16:36

Instrument :

BNA_N

ClientSampleId :

BH624

Tgt Ion:228 Resp: 1584170

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

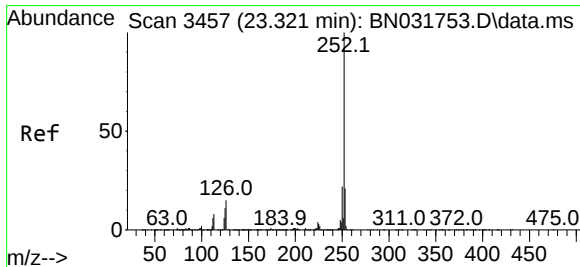
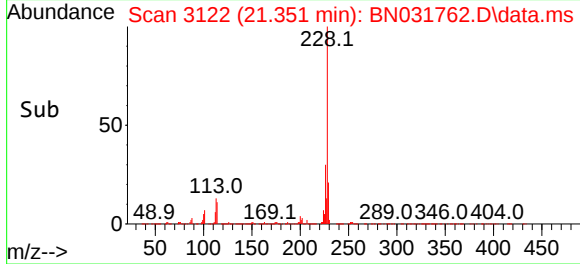
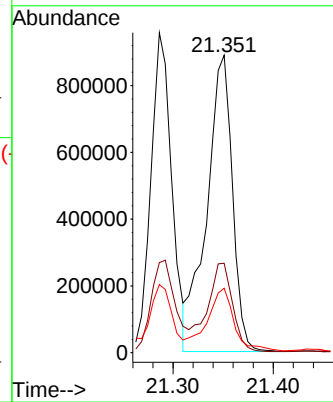
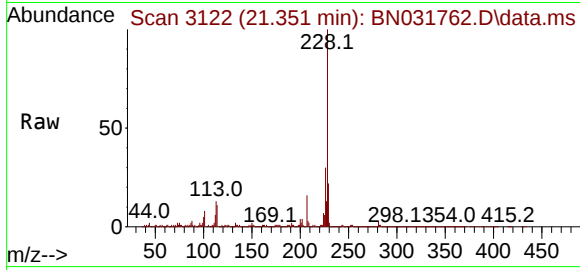
229 21.7 15.1 22.7

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/05/2024



#90

Benzo(b)fluoranthene

Concen: 19.413 ng/ul

RT: 23.322 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031762.D

Acq: 03 Jun 2024 16:36

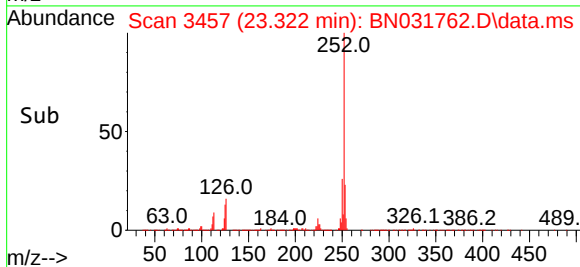
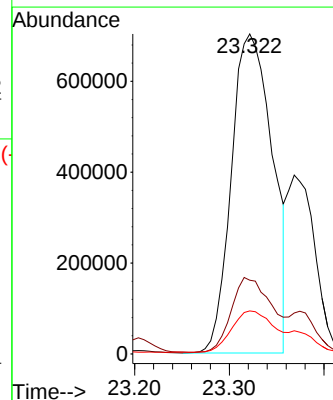
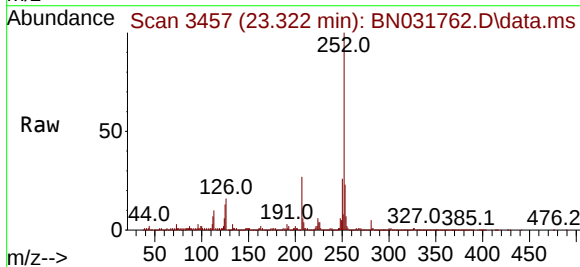
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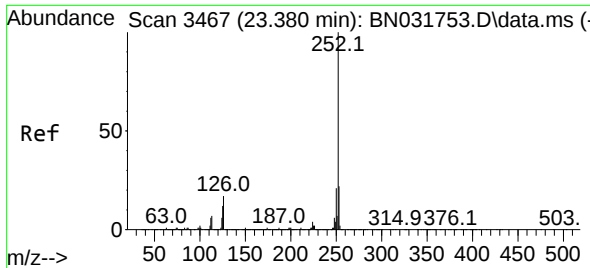
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

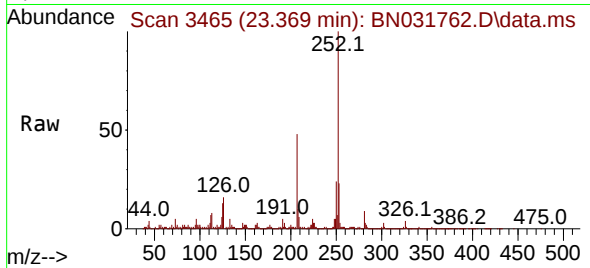
125 13.4 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 7.207 ng/u1
RT: 23.369 min Scan# 3467
Delta R.T. -0.006 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

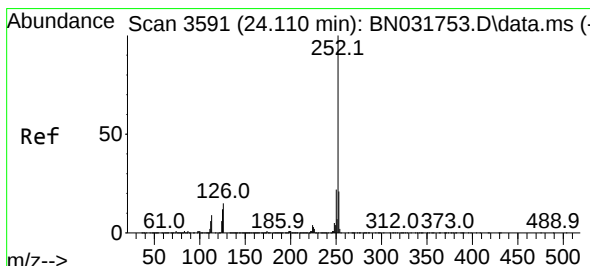
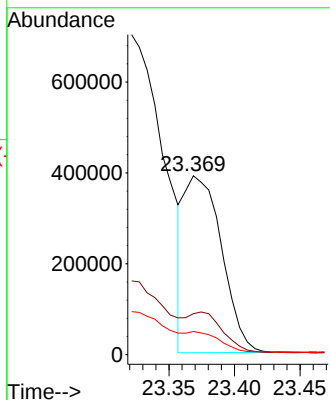
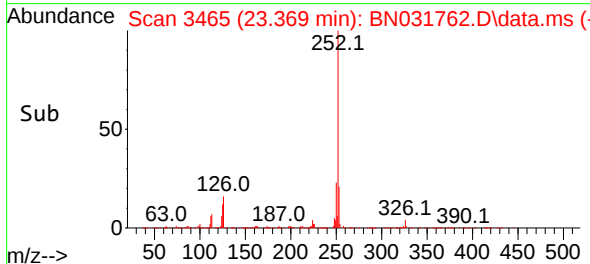
Instrument :
BNA_N
ClientSampleId :
BH624



Tgt Ion:252 Resp: 771312
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 13.0 9.4 14.2

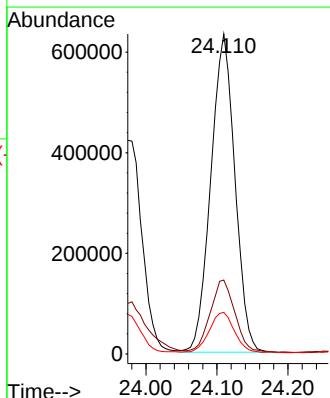
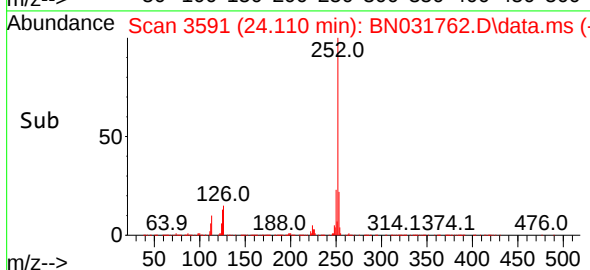
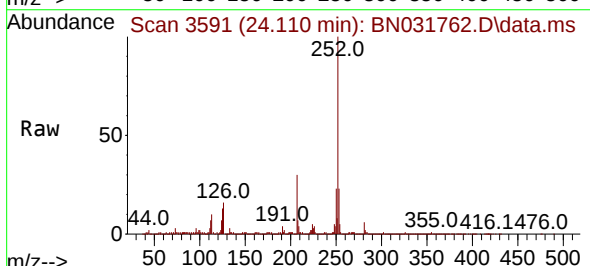
Manual Integrations
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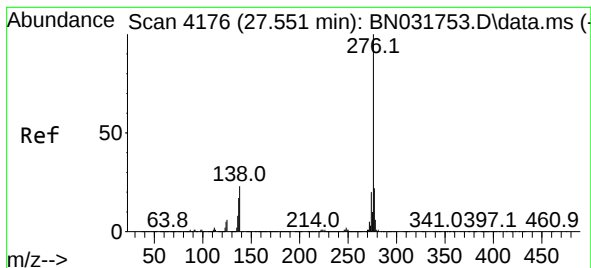
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#93
Benzo(a)pyrene
Concen: 14.583 ng/u1
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031762.D
Acq: 03 Jun 2024 16:36

Tgt Ion:252 Resp: 1489545
Ion Ratio Lower Upper
252 100
253 23.1 16.6 24.8
125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.736 ng/ul

RT: 27.557 min Scan# 4176

Delta R.T. 0.024 min

Lab File: BN031762.D

Acq: 03 Jun 2024 16:36

Instrument :

BNA_N

ClientSampleId :

BH624

Tgt Ion:276 Resp: 114603

Ion Ratio Lower Upper

276 100

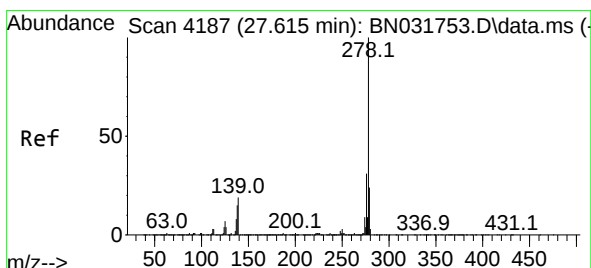
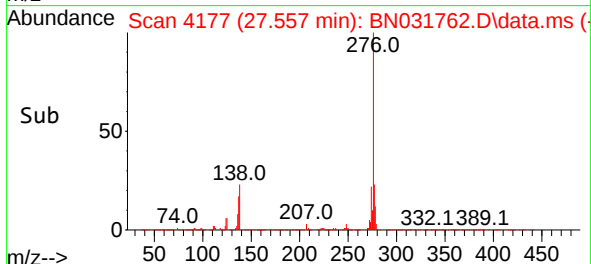
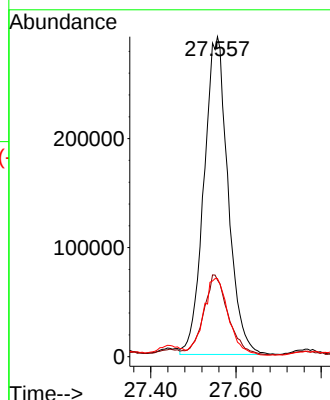
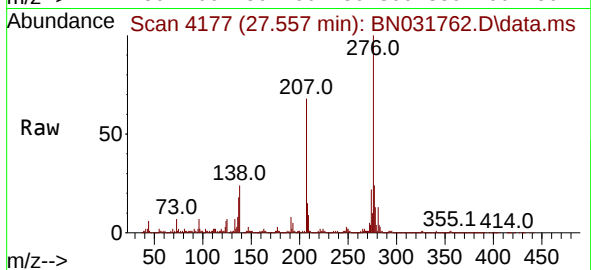
138 24.0 18.1 27.1

277 24.4 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: 2.983 ng/ul m

RT: 27.604 min Scan# 4185

Delta R.T. 0.000 min

Lab File: BN031762.D

Acq: 03 Jun 2024 16:36

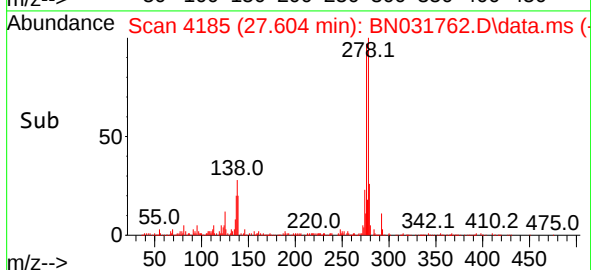
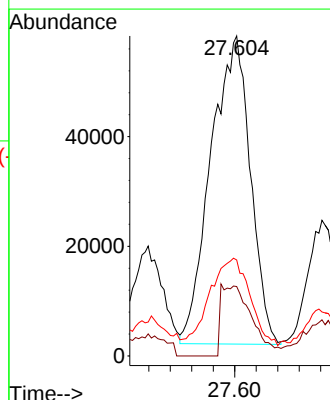
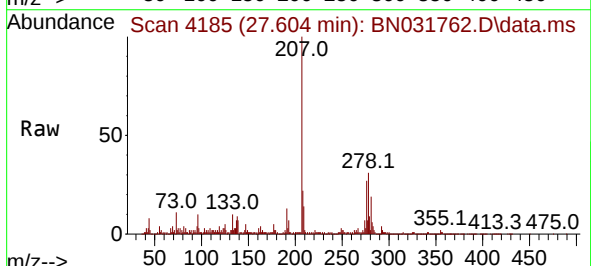
Tgt Ion:278 Resp: 286610

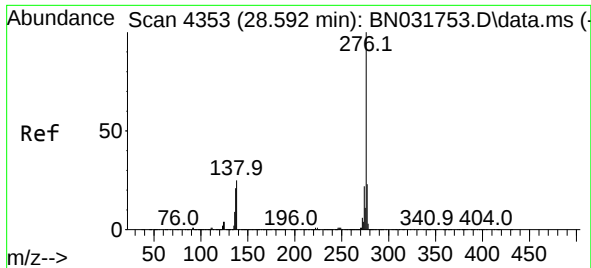
Ion Ratio Lower Upper

278 100

139 21.7 15.0 22.6

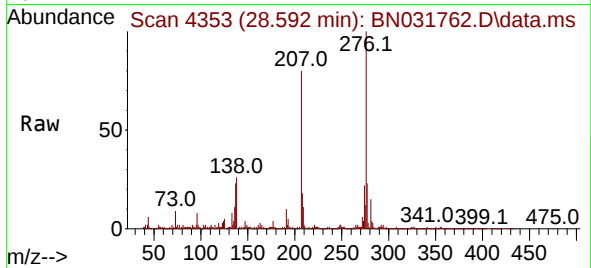
279 30.0 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 11.109 ng/ul
 RT: 28.592 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BN031762.D
 Acq: 03 Jun 2024 16:36

Instrument :
 BNA_N
 ClientSampleId :
 BH624



Tgt Ion: 276 Resp: 1039390

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.9	31.3
277	23.4	18.0	27.0

Manual Integrations
 APPROVED

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

