

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031955.D
 Acq On : 12 Jun 2024 23:54
 Operator : MA/JU
 Sample : P2678-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH679

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 00:57:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	373974	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1442870	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	794683	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1477735	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1264595	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1529994	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	42056	4.652	ng/uL	0.00
4) Pyridine-d5	3.599	84	20939	0.823	ng/u1	0.02
7) Phenol-d5	6.840	99	862016	26.888	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	513480	27.382	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	732963	29.963	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	608136	23.270	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	356276	32.294	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	376338	33.023	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	620114	29.147	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	499209	15.804	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1696718	30.648	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1982765	31.147	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	217697	19.639	ng/u1	0.00
60) Fluorene-d10	15.304	176	1412792	30.160	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	135309	18.217	ng/u1	0.00
73) Anthracene-d10	17.151	188	1995637	31.544	ng/u1	0.00
81) Pyrene-d10	19.457	212	1979167	29.247	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1746873	23.911	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.481	105	55576	1.403	ng/u1	97
50) Acenaphthylene	14.028	152	200904	2.793	ng/u1	99
61) Fluorene	15.357	166	58914	1.131	ng/u1	100
72) Phenanthrene	17.098	178	1914627	25.434	ng/u1	98
74) Anthracene	17.186	178	353765	4.638	ng/u1	99
77) Carbazole	17.463	167	132799	2.042	ng/u1	100
80) Fluoranthene	19.122	202	3463929	42.831	ng/u1	99
82) Pyrene	19.486	202	3231919	38.950	ng/u1	96
85) Benzo(a)anthracene	21.274	228	1803889	21.311	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	83010	1.453	ng/u1	95
87) Chrysene	21.333	228	1966822	24.876	ng/u1	96
90) Benzo(b)fluoranthene	23.304	252	2256064	24.670	ng/u1	99
91) Benzo(k)fluoranthene	23.357	252	767631m	8.554	ng/u1	
93) Benzo(a)pyrene	24.086	252	1034396	12.077	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.527	276	859963	8.713	ng/u1	97
95) Dibenzo(a,h)anthracene	27.562	278	303280	3.764	ng/u1#	94
96) Benzo(g,h,i)perylene	28.556	276	128290m	1.635	ng/u1	

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

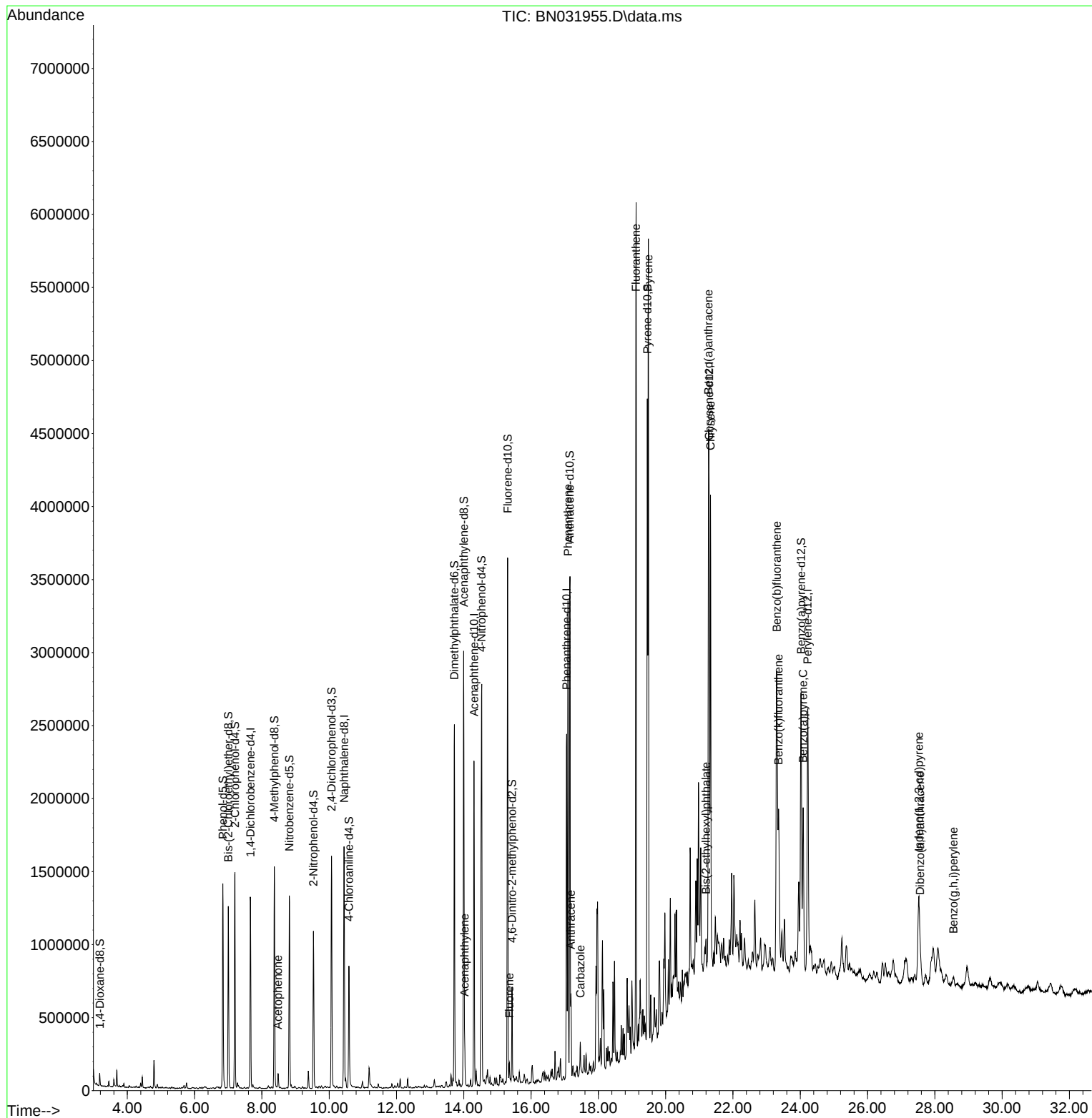
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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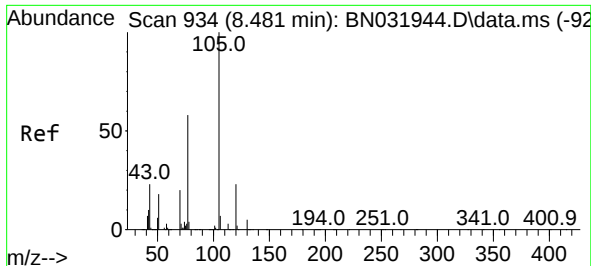
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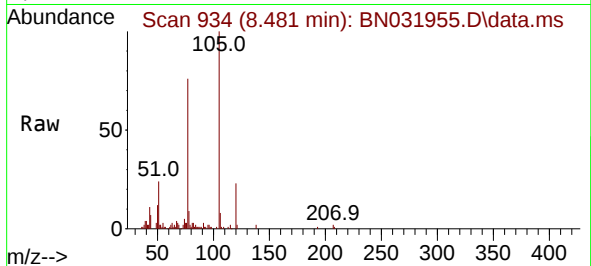
Quant Time: Jun 13 00:57:22 2024
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 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.403 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

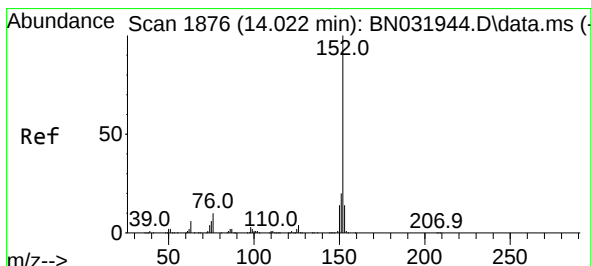
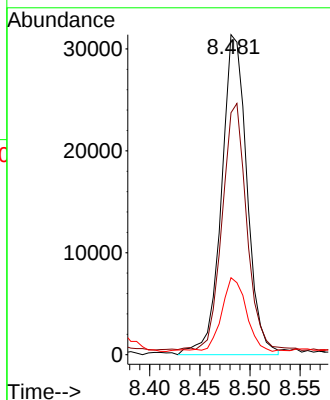
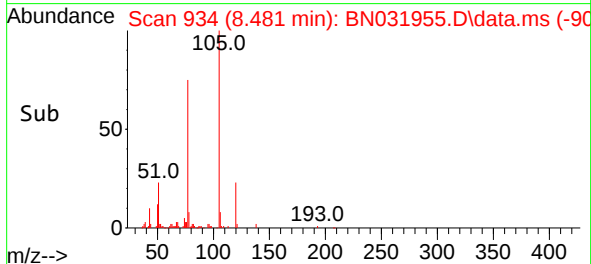
Instrument :
BNA_N
ClientSampleId :
BH679



Tgt Ion:105 Resp: 55570
Ion Ratio Lower Upper
105 100
77 75.6 58.6 87.8
51 24.1 17.2 25.8

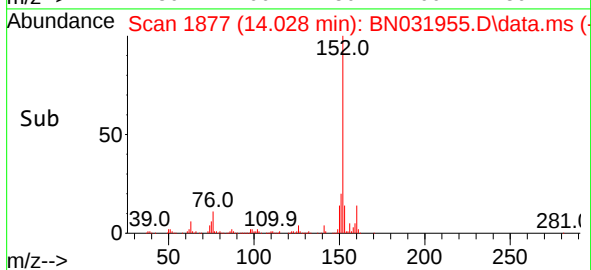
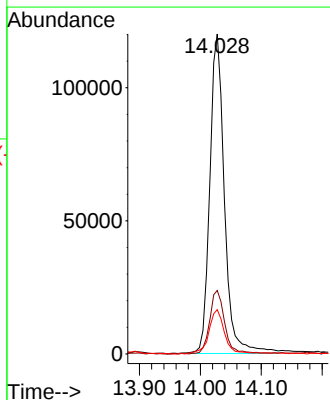
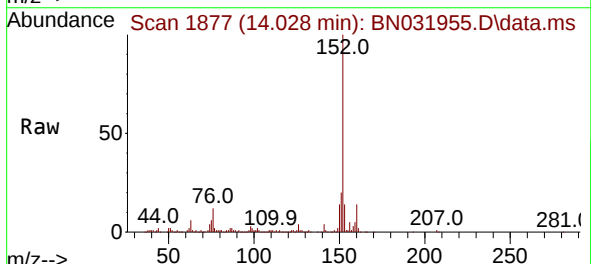
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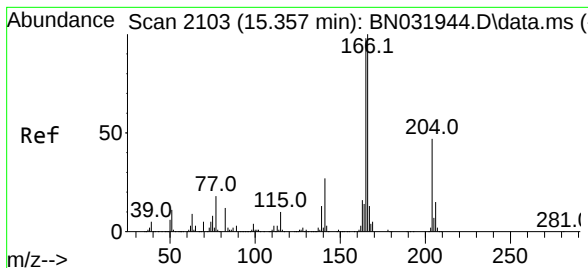
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#50
Acenaphthylene
Concen: 2.793 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

Tgt Ion:152 Resp: 200904
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 10.4 15.6





#61

Fluorene

Concen: 1.131 ng/ul

RT: 15.357 min Scan# 2103

Delta R.T. 0.000 min

Lab File: BN031955.D

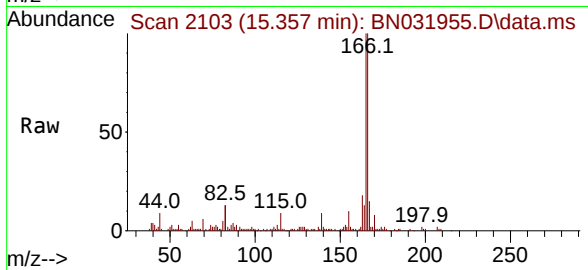
Acq: 12 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

BH679



Tgt Ion:166 Resp: 58914

Ion Ratio Lower Upper

166 100

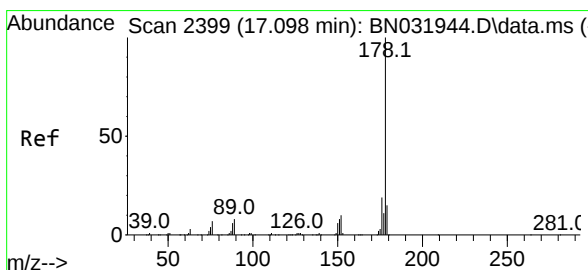
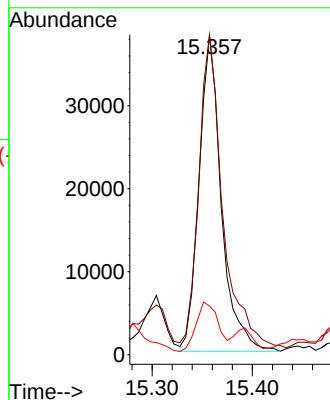
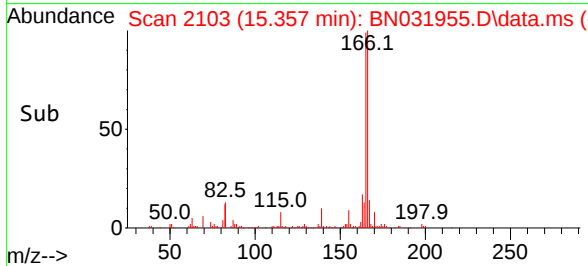
165 100.2 80.3 120.5

167 15.2 11.3 16.9

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Supervised By :mohammad ahmed 06/14/2024



#72

Phenanthrene

Concen: 25.434 ng/ul

RT: 17.098 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BN031955.D

Acq: 12 Jun 2024 23:54

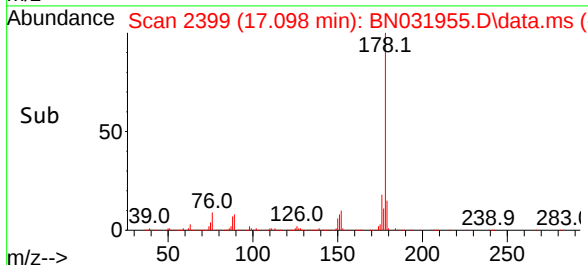
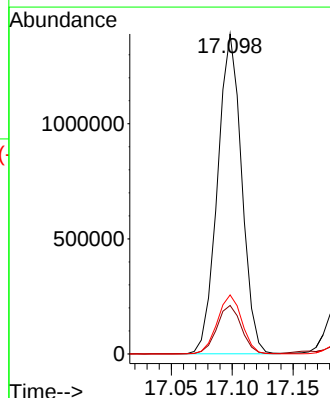
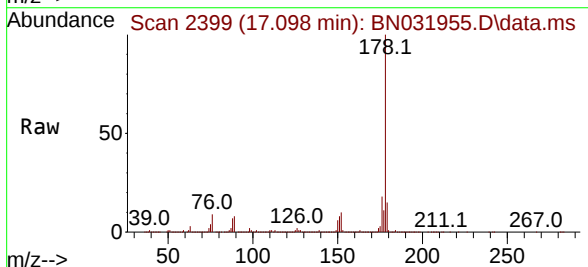
Tgt Ion:178 Resp: 1914627

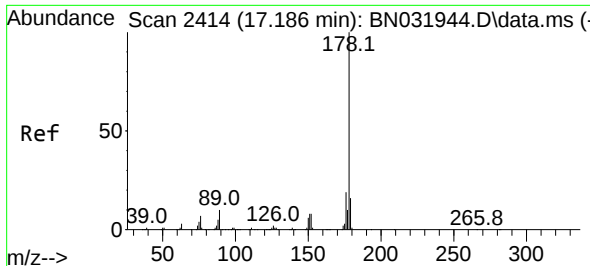
Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

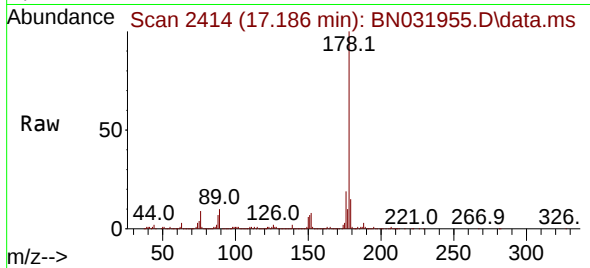
176 18.5 15.8 23.6





#74
 Anthracene
 Concen: 4.638 ng/u1
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031955.D
 Acq: 12 Jun 2024 23:54

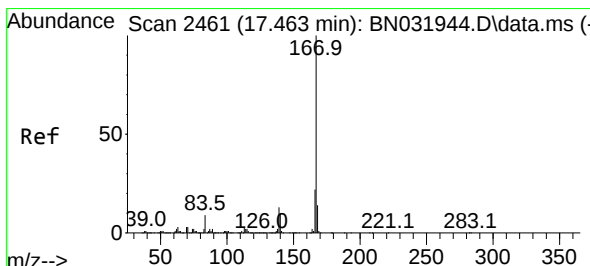
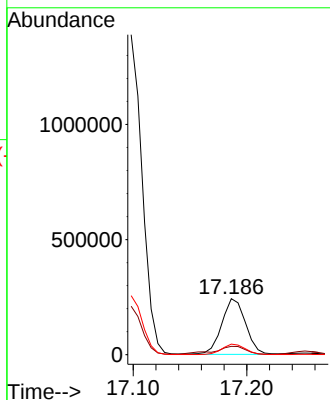
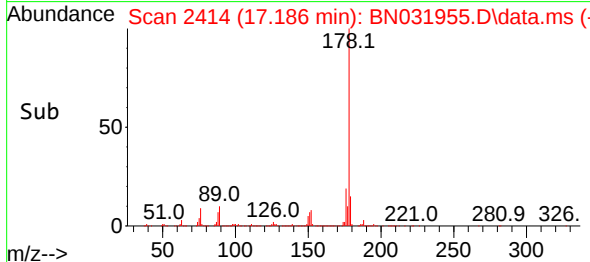
Instrument :
 BNA_N
 ClientSampleId :
 BH679



Tgt Ion:178 Resp: 353768
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.8 17.6
 176 19.0 14.8 22.2

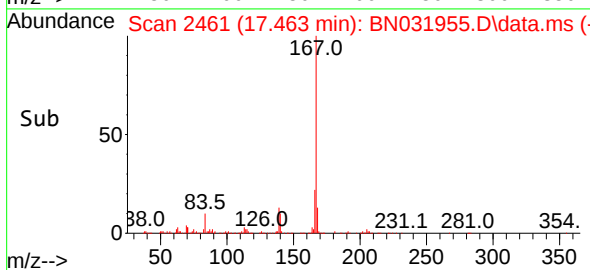
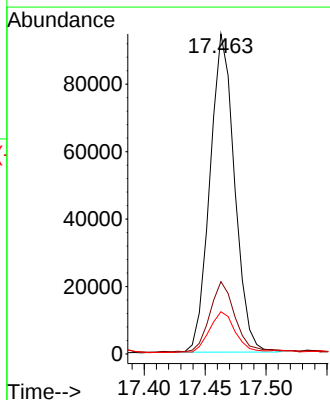
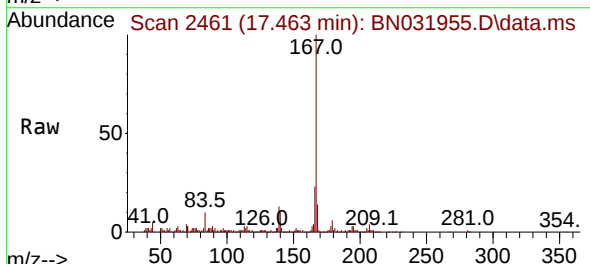
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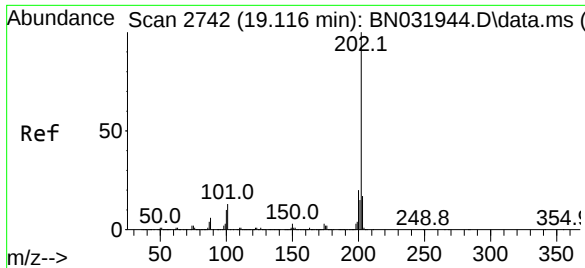
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#77
 Carbazole
 Concen: 2.042 ng/u1
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031955.D
 Acq: 12 Jun 2024 23:54

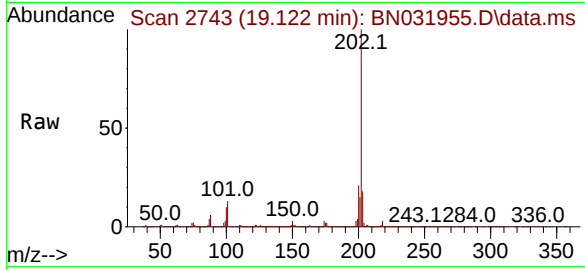
Tgt Ion:167 Resp: 132799
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 13.2 10.5 15.7





#80
Fluoranthene
Concen: 42.831 ng/u1
RT: 19.122 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

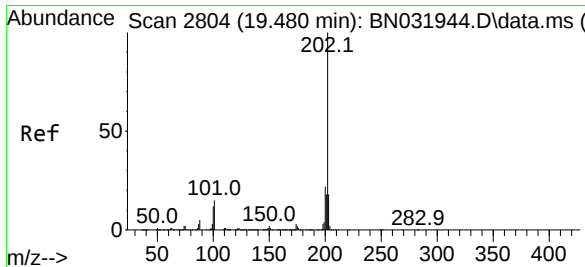
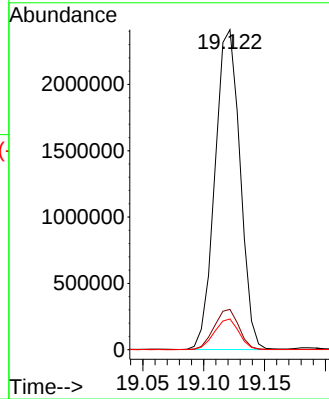
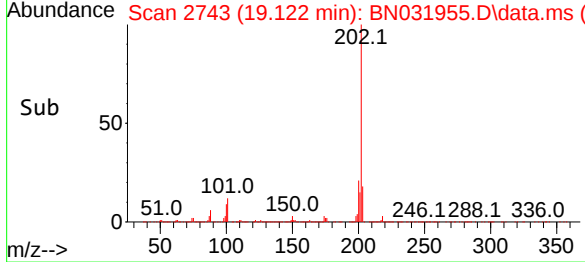
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BH679



Tgt Ion:202 Resp: 3463929
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.6 8.0 12.0

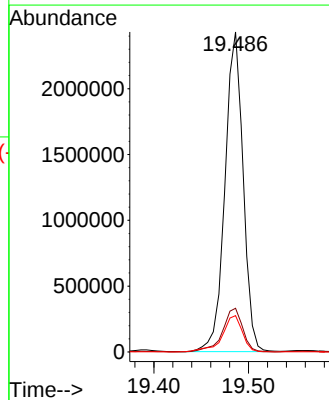
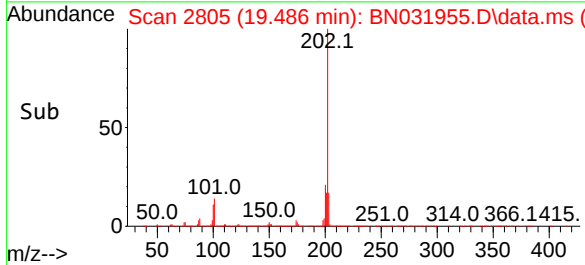
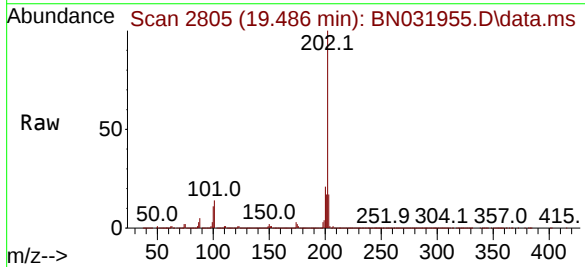
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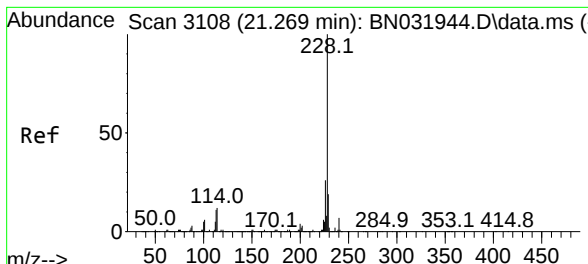
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#82
Pyrene
Concen: 38.950 ng/u1
RT: 19.486 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

Tgt Ion:202 Resp: 3231919
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 11.4 10.2 15.2





#85
 Benzo(a)anthracene
 Concen: 21.311 ng/ul
 RT: 21.274 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BN031955.D
 Acq: 12 Jun 2024 23:54

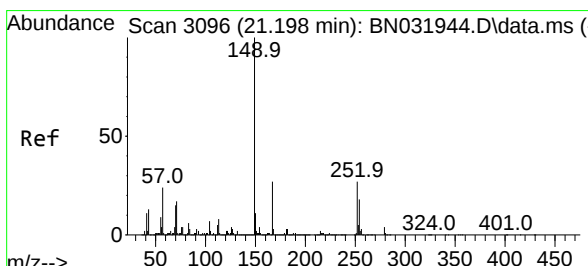
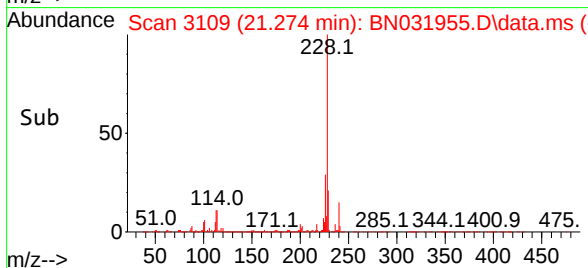
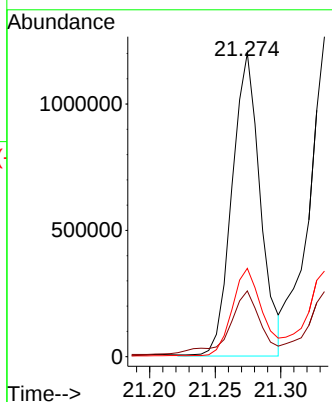
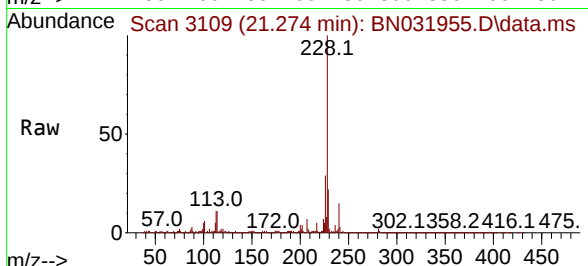
Instrument :
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Tgt Ion:228 Resp: 1803889

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.7	25.1
226	29.1	22.8	34.2

Manual Integrations
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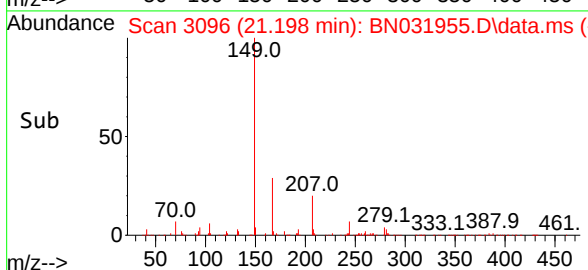
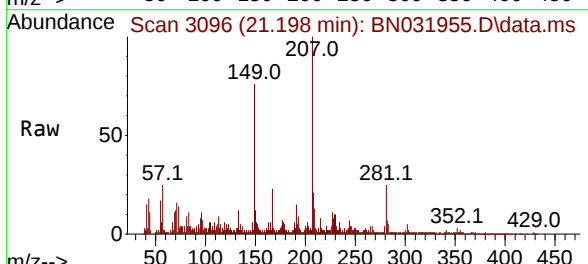
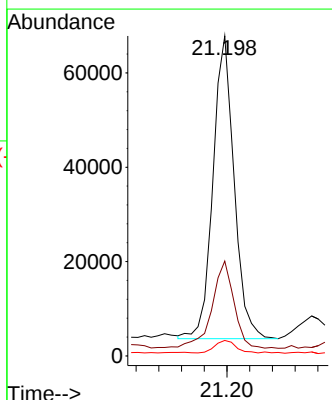
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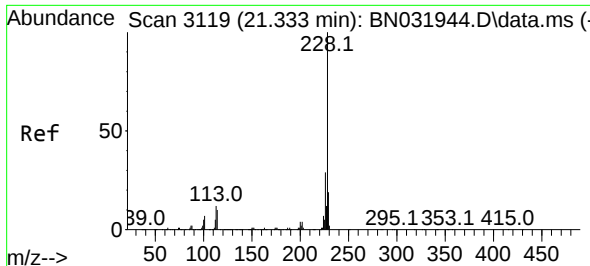


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.453 ng/ul
 RT: 21.198 min Scan# 3096
 Delta R.T. -0.006 min
 Lab File: BN031955.D
 Acq: 12 Jun 2024 23:54

Tgt Ion:149 Resp: 83010

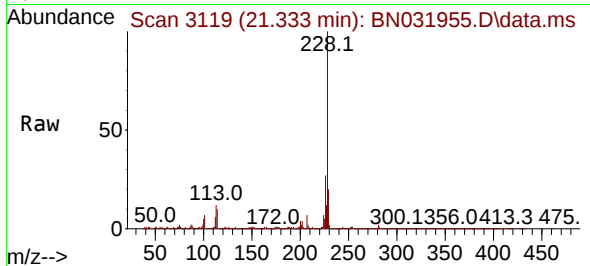
Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.4	32.0
279	4.9	3.3	4.9





#87
Chrysene
Concen: 24.876 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

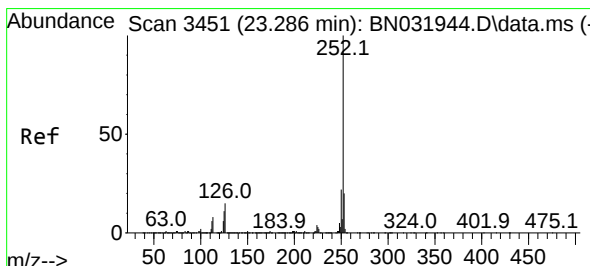
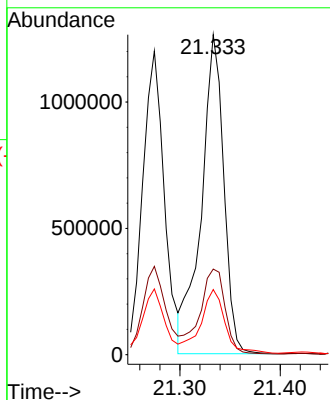
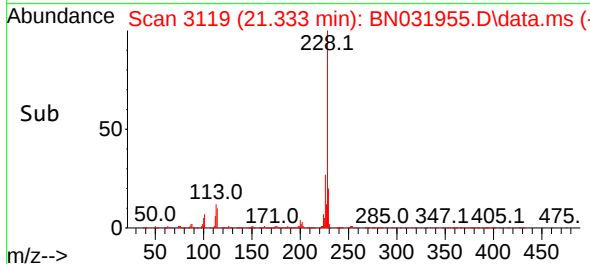
Instrument :
BNA_N
ClientSampleId :
BH679



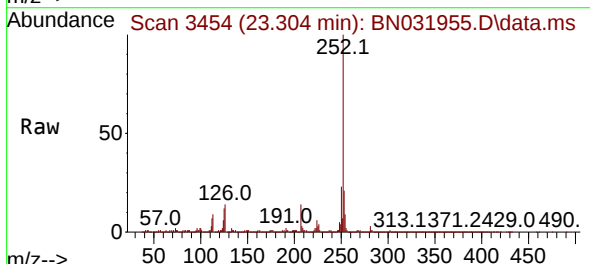
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Ion Ratio Lower Upper
228 100
226 26.7 23.7 35.5
229 20.3 15.1 22.7

Manual Integrations
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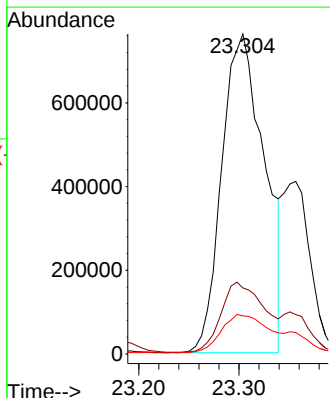
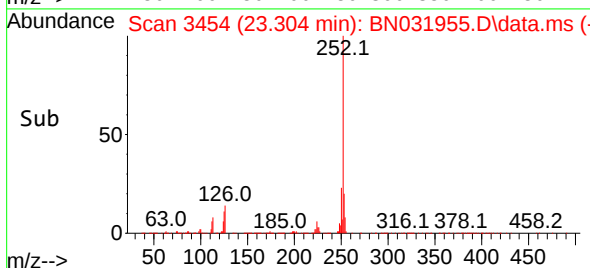
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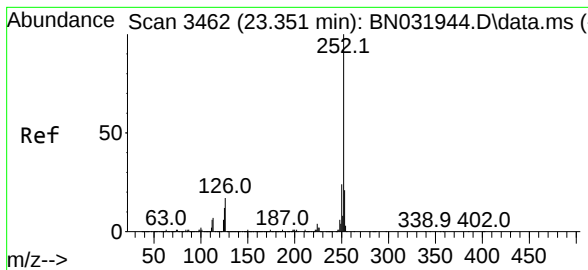


#90
Benzo(b)fluoranthene
Concen: 24.670 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. 0.012 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54



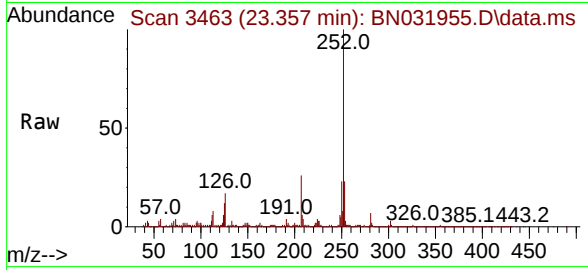
Tgt Ion:252 Resp: 2256064
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 11.9 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 8.554 ng/ul m
RT: 23.357 min Scan# 3462
Delta R.T. 0.006 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

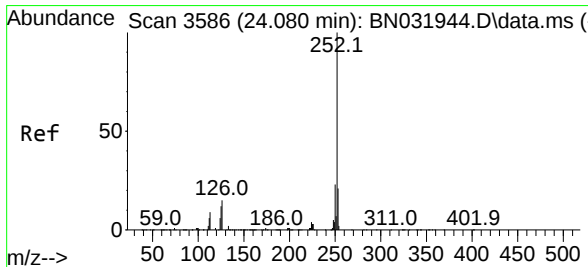
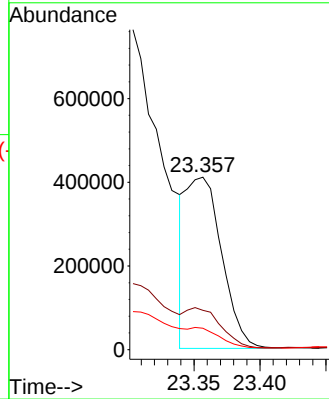
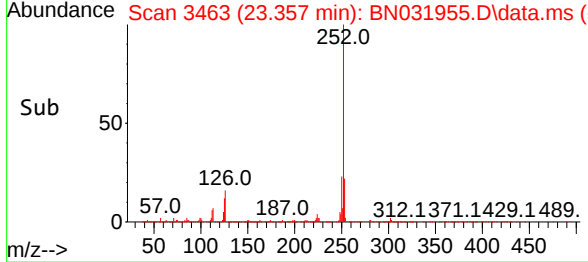
Instrument :
BNA_N
ClientSampleId :
BH679



Tgt Ion:252 Resp: 76763
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.4 9.4 14.2

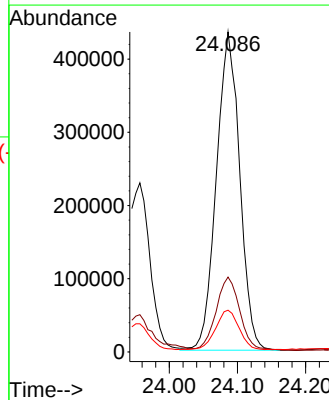
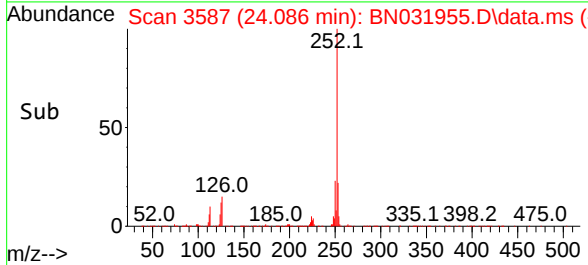
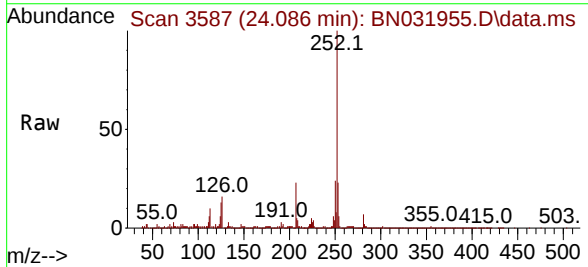
Manual Integrations
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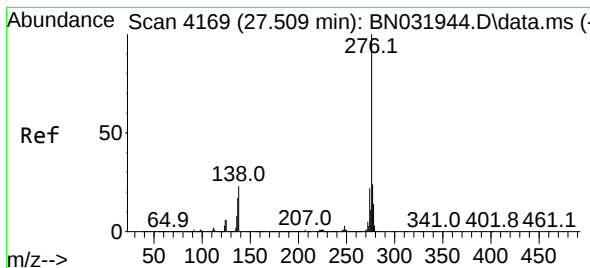
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#93
Benzo(a)pyrene
Concen: 12.077 ng/ul
RT: 24.086 min Scan# 3587
Delta R.T. 0.006 min
Lab File: BN031955.D
Acq: 12 Jun 2024 23:54

Tgt Ion:252 Resp: 1034396
Ion Ratio Lower Upper
252 100
253 23.4 16.6 24.8
125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.713 ng/ul

RT: 27.527 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN031955.D

Acq: 12 Jun 2024 23:54

Instrument :

BNA_N

ClientSampleId :

BH679

Tgt Ion:276 Resp: 85996

Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

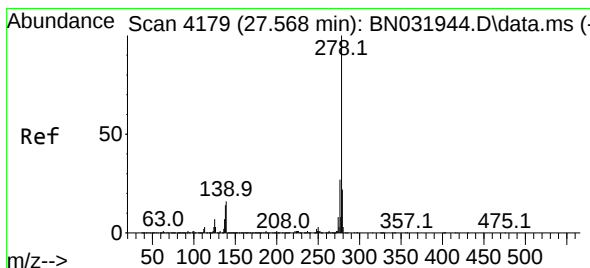
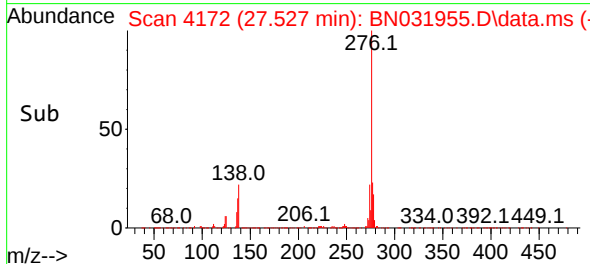
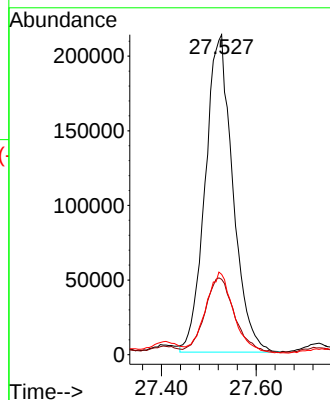
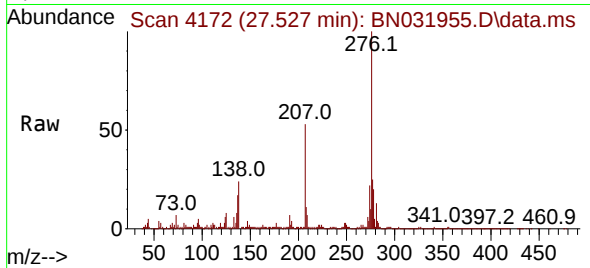
277 25.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/14/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.764 ng/ul

RT: 27.562 min Scan# 4178

Delta R.T. -0.018 min

Lab File: BN031955.D

Acq: 12 Jun 2024 23:54

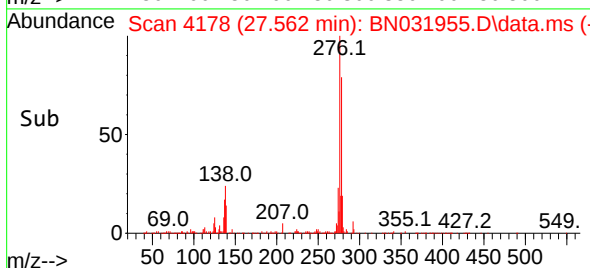
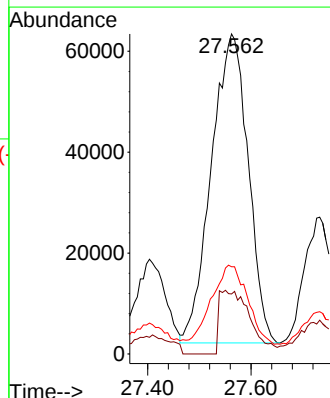
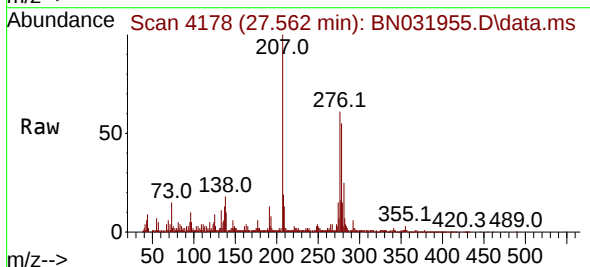
Tgt Ion:278 Resp: 303280

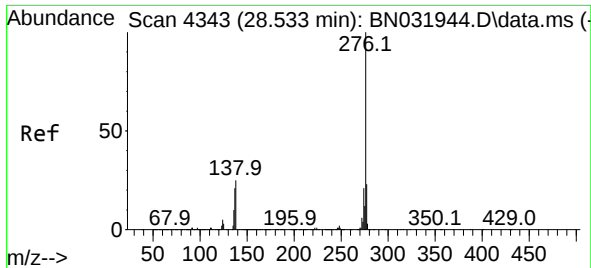
Ion Ratio Lower Upper

278 100

139 18.7 15.0 22.6

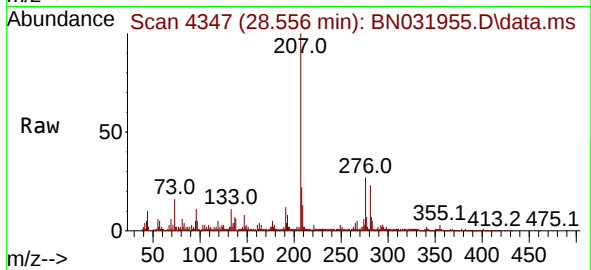
279 27.2 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.635 ng/ul m
 RT: 28.556 min Scan# 4347
 Delta R.T. 0.012 min
 Lab File: BN031955.D
 Acq: 12 Jun 2024 23:54

Instrument :
 BNA_N
 ClientSampleId :
 BH679



Tgt Ion: 276 Resp: 128290

Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.9	31.3
277	25.9	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

