

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031984.D
 Acq On : 13 Jun 2024 19:34
 Operator : MA/JU
 Sample : P2663-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6B7

Manual Integrations
 APPROVED

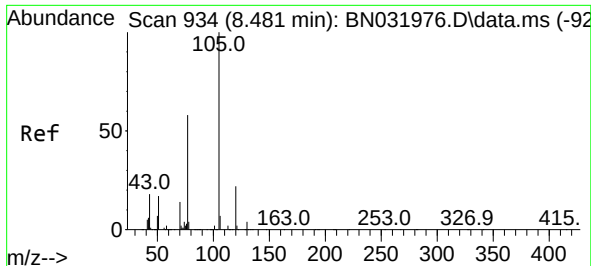
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 23:07:08 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)

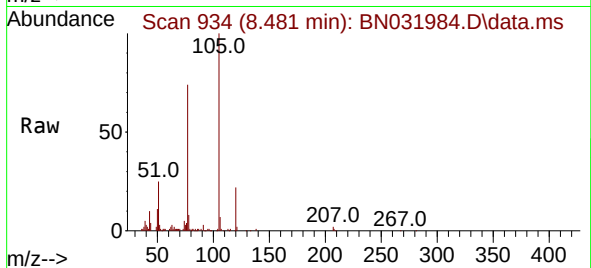
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	309178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1239285	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	706783	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1356818	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1198537	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1427506	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	34057	4.557	ng/uL	0.00
4) Pyridine-d5	3.587	84	167248	7.950	ng/u1	0.00
7) Phenol-d5	6.840	99	706936	26.672	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	406157	26.198	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	594577	29.400	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	533232	24.680	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	283028	29.869	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	304026	31.061	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	511320	27.982	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	401967	14.816	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1450768	29.464	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1695971	29.955	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	229389	23.268	ng/u1	0.00
60) Fluorene-d10	15.298	176	1209446	29.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	110880	16.258	ng/u1	0.00
73) Anthracene-d10	17.151	188	1783474	30.703	ng/u1	0.00
81) Pyrene-d10	19.451	212	1852127	28.878	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1497869	21.975	ng/u1	0.00
Target Compounds	Qvalue					
16) Acetophenone	8.481	105	78342	2.393	ng/u1	97
50) Acenaphthylene	14.028	152	124206	1.941	ng/u1	99
72) Phenanthrene	17.092	178	585426	8.470	ng/u1	99
74) Anthracene	17.186	178	152618	2.179	ng/u1	98
77) Carbazole	17.463	167	63583	1.065	ng/u1	99
80) Fluoranthene	19.116	202	1389162	18.124	ng/u1	98
82) Pyrene	19.480	202	1124823	14.303	ng/u1	99
83) Butylbenzylphthalate	20.392	149	58969	1.588	ng/u1	94
85) Benzo(a)anthracene	21.274	228	742625	9.257	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	280457	5.180	ng/u1	98
87) Chrysene	21.333	228	808283	10.787	ng/u1	97
90) Benzo(b)fluoranthene	23.298	252	1108331	12.989	ng/u1	97
91) Benzo(k)fluoranthene	23.357	252	375836	4.489	ng/u1	98
93) Benzo(a)pyrene	24.086	252	464234	5.809	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.515	276	447012m	4.854	ng/u1	
95) Dibenzo(a,h)anthracene	27.562	278	153863	2.047	ng/u1#	86

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



#16
Acetophenone
Concen: 2.393 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

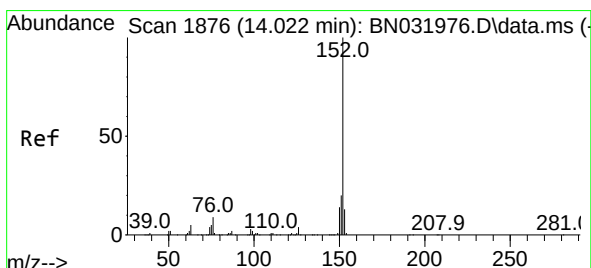
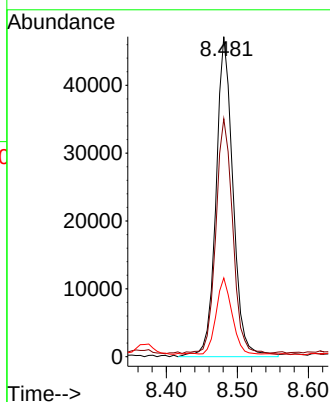
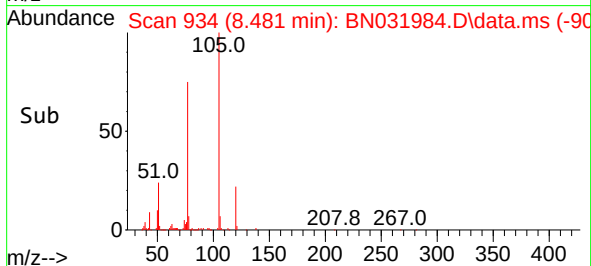
Instrument :
BNA_N
ClientSampleId :
BH6B7



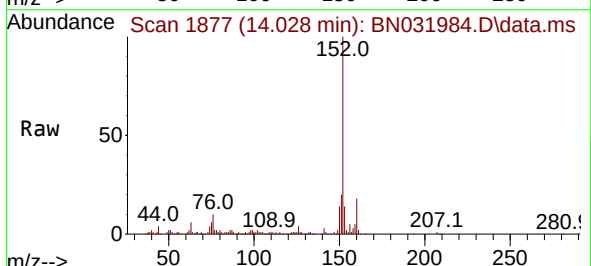
Tgt Ion:105 Resp: 7834
Ion Ratio Lower Upper
105 100
77 74.3 58.6 87.8
51 24.6 17.2 25.8

Manual Integrations
APPROVED

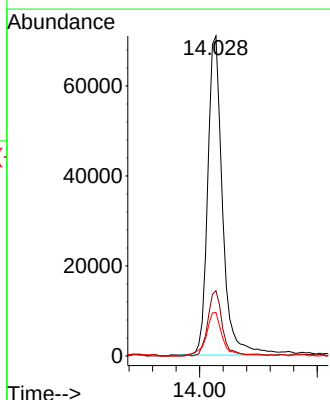
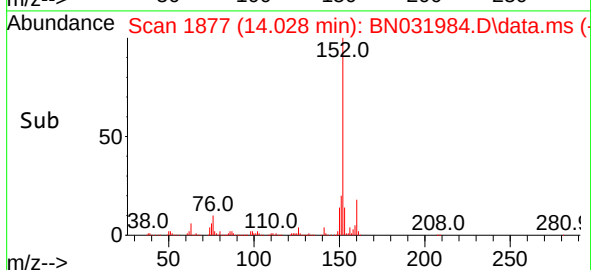
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

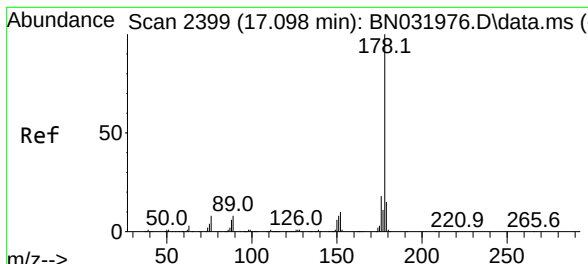


#50
Acenaphthylene
Concen: 1.941 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34



Tgt Ion:152 Resp: 124206
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.6 10.4 15.6





#72
Phenanthrene
Concen: 8.470 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

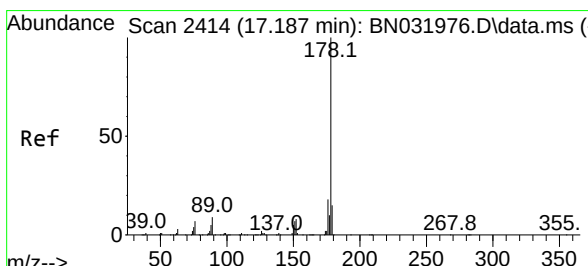
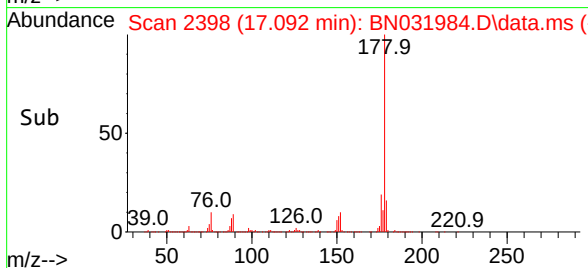
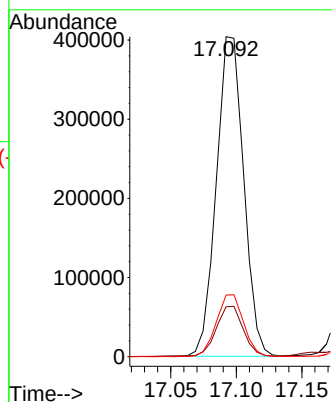
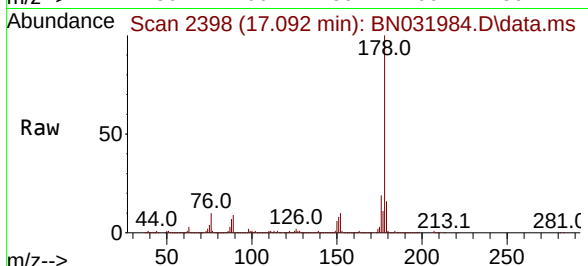
Instrument :
BNA_N
ClientSampleId :
BH6B7

Tgt Ion:178 Resp: 585420

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.2	15.8	23.6

Manual Integrations
APPROVED

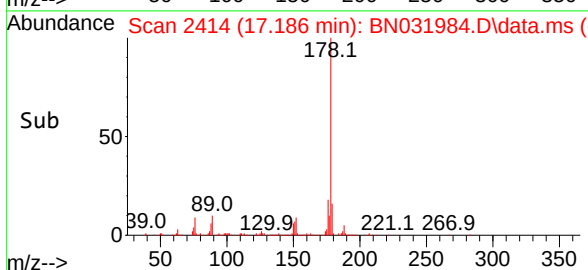
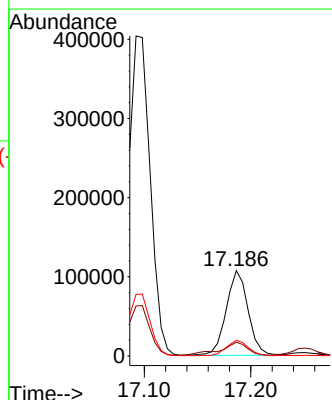
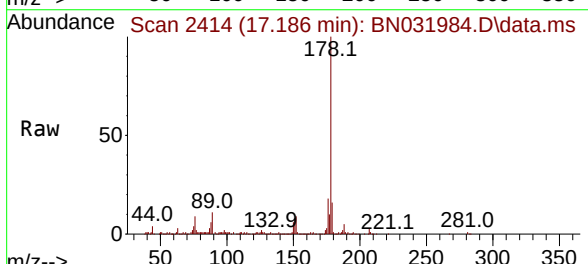
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

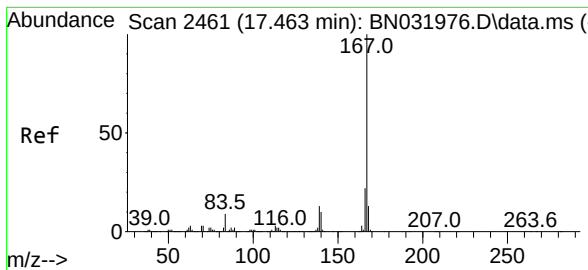


#74
Anthracene
Concen: 2.179 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031984.D
Acq: 13 Jun 2024 19:34

Tgt Ion:178 Resp: 152618

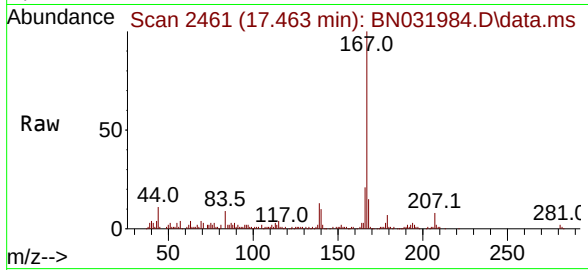
Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	18.4	14.8	22.2





#77
 Carbazole
 Concen: 1.065 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031984.D
 Acq: 13 Jun 2024 19:34

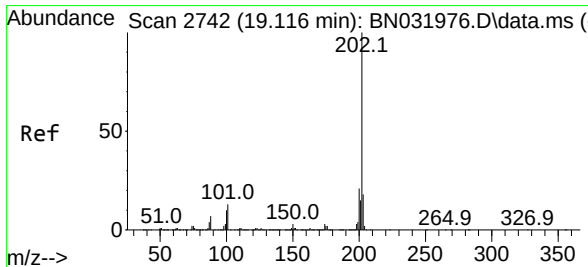
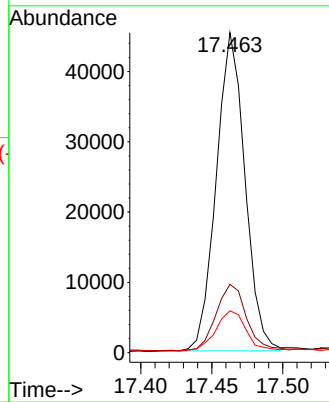
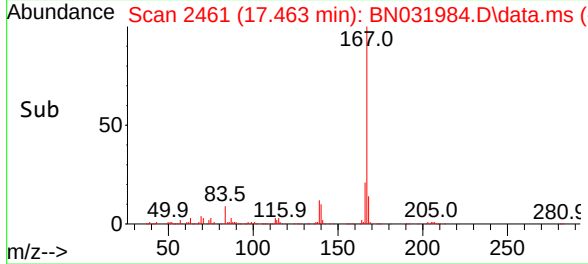
Instrument :
 BNA_N
 ClientSampleId :
 BH6B7



Tgt Ion:	167	Resp:	6358
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.9	26.9
139	13.1	10.5	15.7

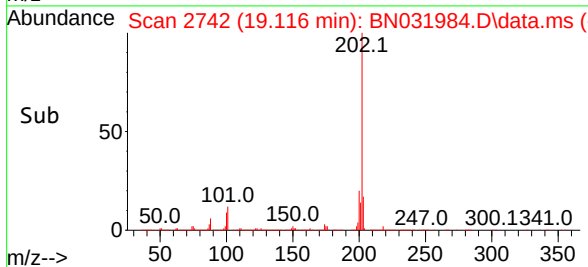
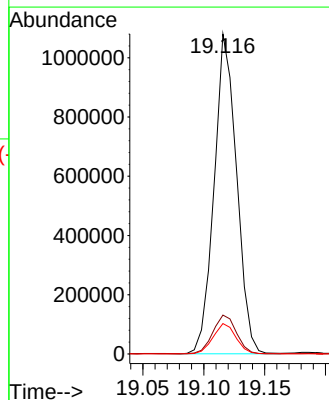
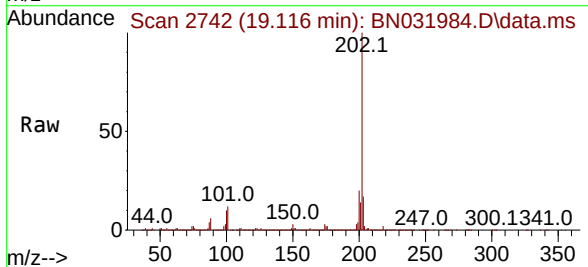
Manual Integrations
 APPROVED

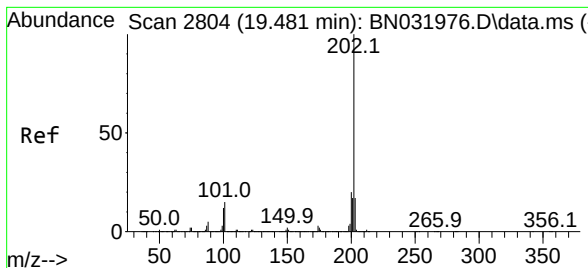
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 18.124 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031984.D
 Acq: 13 Jun 2024 19:34

Tgt Ion:	202	Resp:	1389162
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.3	15.5
100	9.5	8.0	12.0





#82

Pyrene

Concen: 14.303 ng/ul

RT: 19.480 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

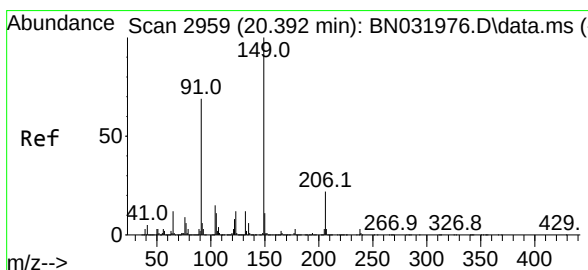
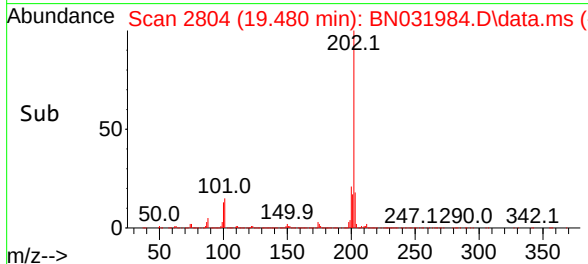
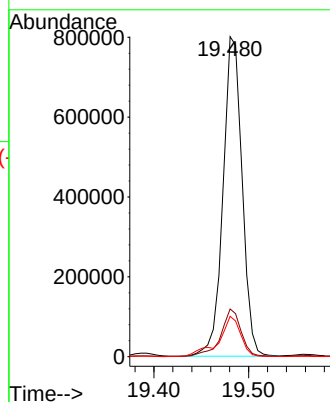
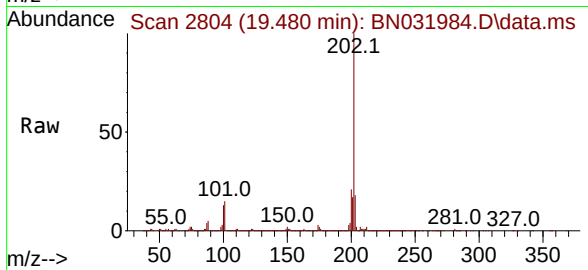
Tgt Ion:202 Resp: 112482

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.6	18.8
100	12.6	10.2	15.2

Manual Integrations

APPROVED

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



#83

Butylbenzylphthalate

Concen: 1.588 ng/ul

RT: 20.392 min Scan# 2959

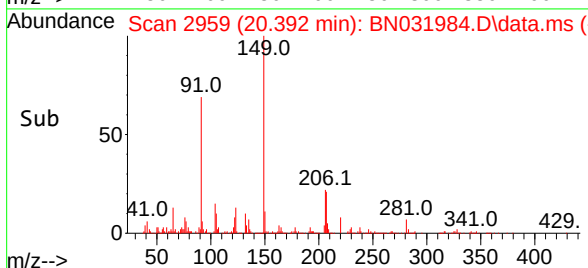
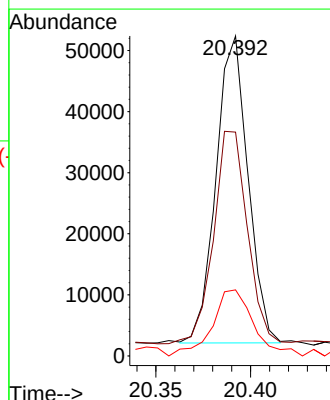
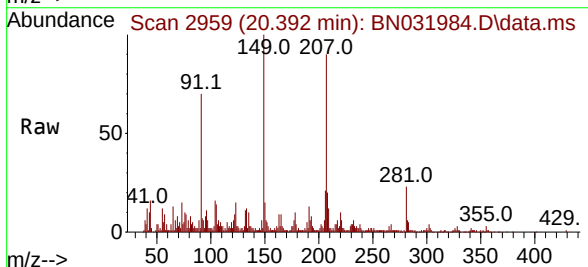
Delta R.T. 0.000 min

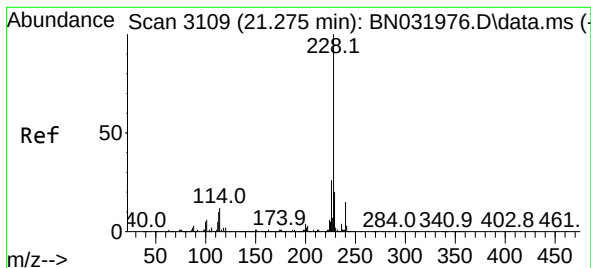
Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Tgt Ion:149 Resp: 58969

Ion	Ratio	Lower	Upper
149	100		
91	69.9	61.0	91.4
206	20.6	16.5	24.7





#85

Benzo(a)anthracene

Concen: 9.257 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

Tgt Ion:228 Resp: 74262

Ion Ratio Lower Upper

228 100

229 20.8 16.7 25.1

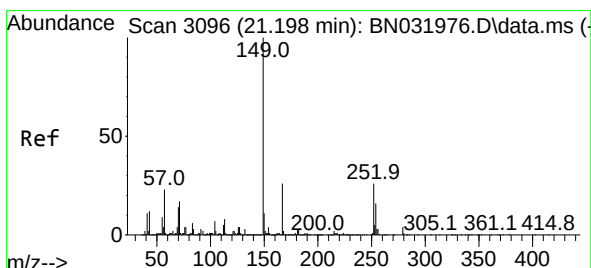
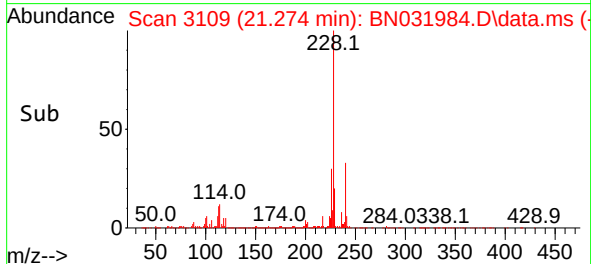
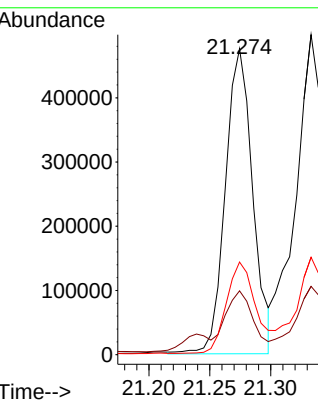
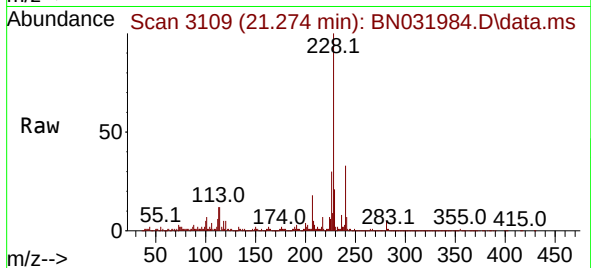
226 30.3 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024

Supervised By :mohammad ahmed 06/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.180 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

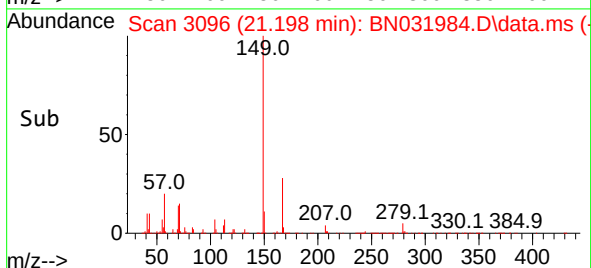
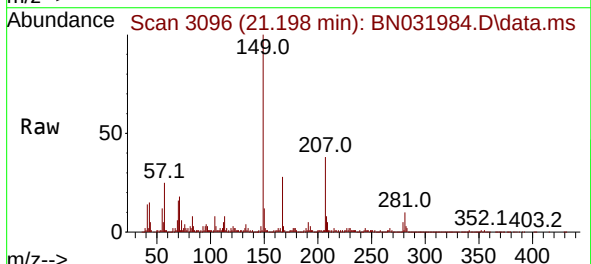
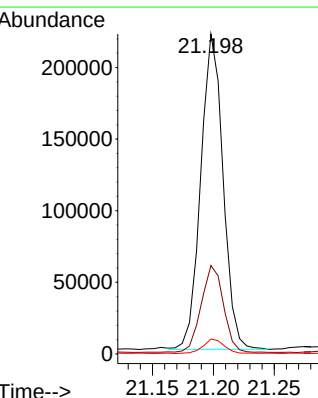
Tgt Ion:149 Resp: 280457

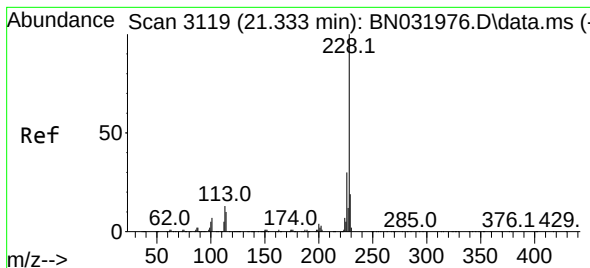
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.6 3.3 4.9





#87

Chrysene

Concen: 10.787 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

Tgt Ion:228 Resp: 80828

Ion Ratio Lower Upper

228 100

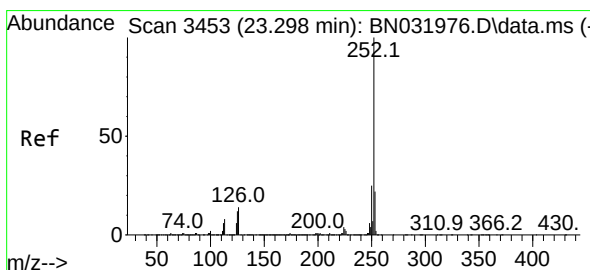
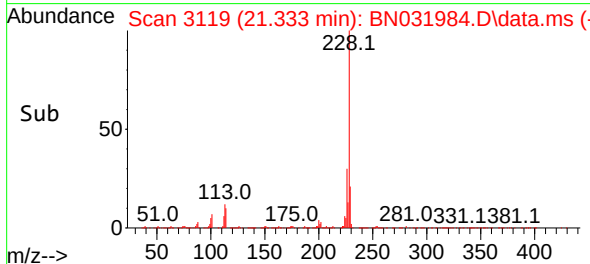
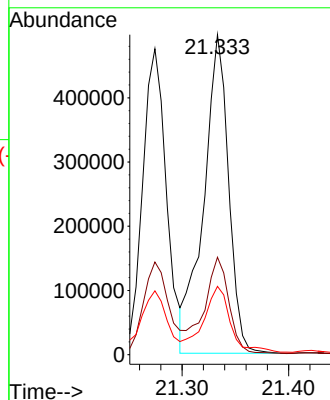
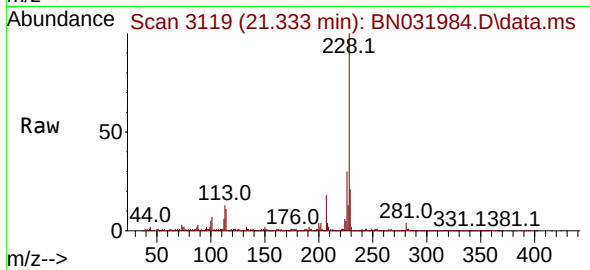
226 30.5 23.7 35.5

229 21.3 15.1 22.7

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 12.989 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. 0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

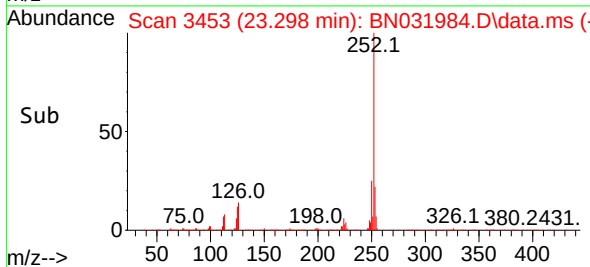
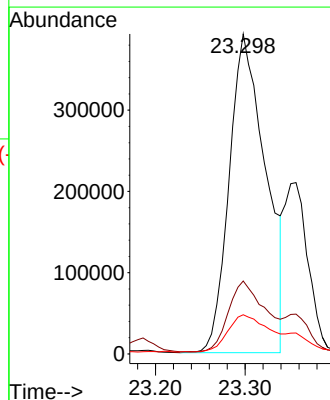
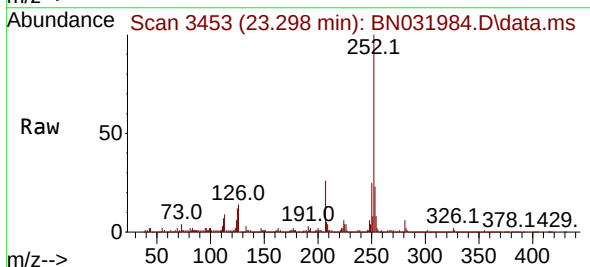
Tgt Ion:252 Resp: 1108331

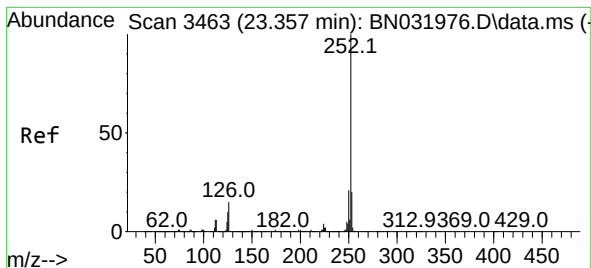
Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 12.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 4.489 ng/u1

RT: 23.357 min Scan# 3463

Delta R.T. 0.006 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

BH6B7

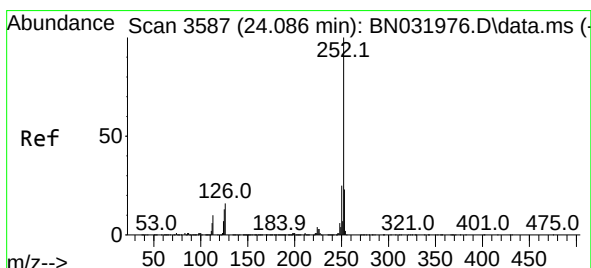
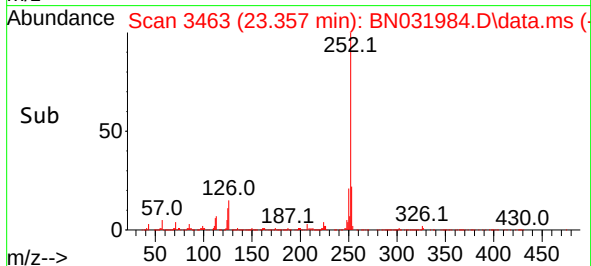
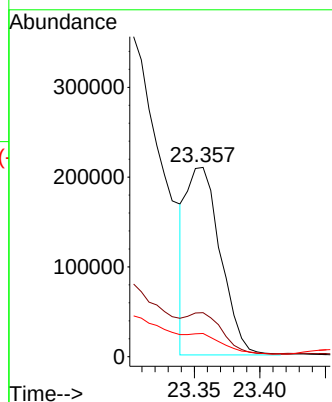
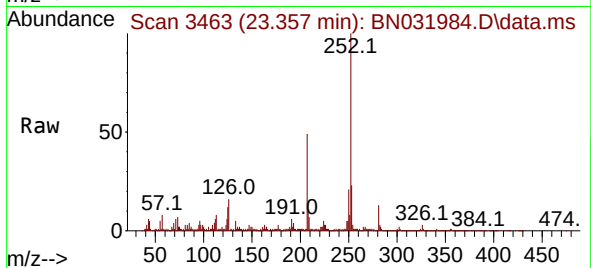
Tgt Ion:252 Resp: 375836

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	12.3	9.4	14.2

Manual Integrations

APPROVED

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



#93

Benzo(a)pyrene

Concen: 5.809 ng/u1

RT: 24.086 min Scan# 3587

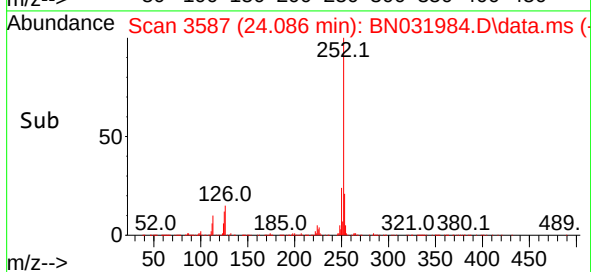
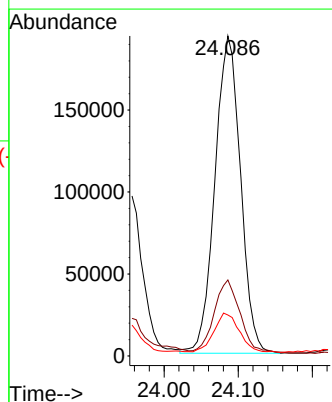
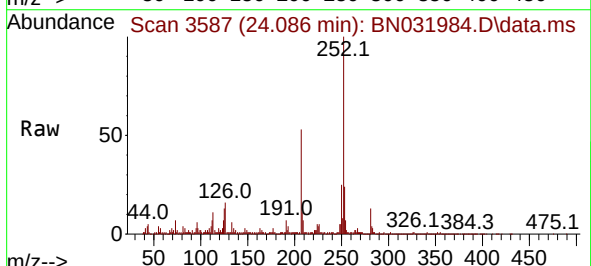
Delta R.T. 0.006 min

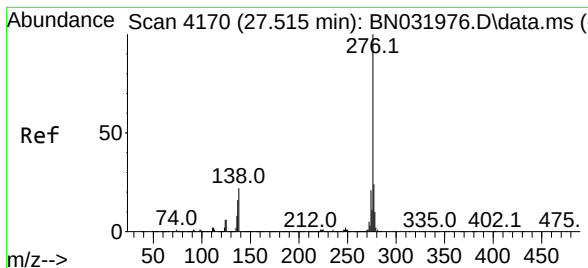
Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Tgt Ion:252 Resp: 464234

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.6	24.8
125	12.8	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.854 ng/ul m

RT: 27.515 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Instrument :

BNA_N

ClientSampleId :

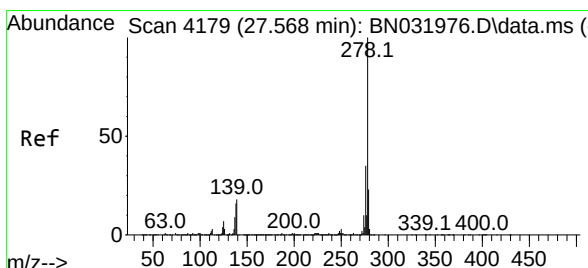
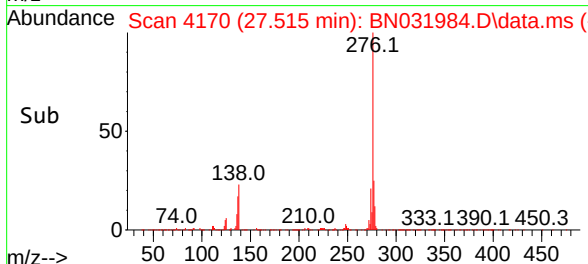
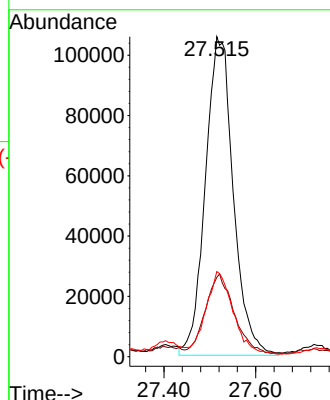
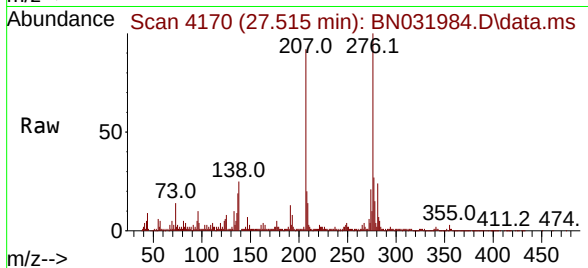
BH6B7

Tgt Ion:	276	Resp:	44701
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.1	27.1
277	26.6	18.2	27.2

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 2.047 ng/ul

RT: 27.562 min Scan# 4178

Delta R.T. -0.018 min

Lab File: BN031984.D

Acq: 13 Jun 2024 19:34

Tgt Ion:	278	Resp:	153863
Ion Ratio	Lower	Upper	
278	100		
139	22.3	15.0	22.6
279	31.3	17.4	26.0

