

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031982.D
 Acq On : 13 Jun 2024 18:15
 Operator : MA/JU
 Sample : P2663-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH694

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 19:02:08 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	7.658	152	347398	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1481776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	883966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1516815	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	927457	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1103562	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	39155	4.663	ng/uL	0.00
4) Pyridine-d5	3.605	84	11686	0.494	ng/u1	0.02
7) Phenol-d5	6.840	99	816235	27.407	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	508695	29.202	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	714236	31.431	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	567615	23.381	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	377573	33.326	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	385080	32.903	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	639684	29.278	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	565699	17.438	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1997024	32.429	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2296675	32.434	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	100378	8.141	ng/u1	0.00
60) Fluorene-d10	15.298	176	1644910	31.568	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	62751	8.230	ng/u1	0.00
73) Anthracene-d10	17.151	188	2135291	32.882	ng/u1	0.00
81) Pyrene-d10	19.457	212	1777291	35.811	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.022	264	1318495	25.021	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.481	105	66771	1.815	ng/u1	95
30) Naphthalene	10.493	128	81410	1.062	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	79460	1.516	ng/u1	98
50) Acenaphthylene	14.028	152	151030	1.887	ng/u1	99
72) Phenanthrene	17.092	178	1222681	15.824	ng/u1	99
74) Anthracene	17.187	178	201339	2.572	ng/u1	99
77) Carbazole	17.463	167	114358	1.713	ng/u1	99
80) Fluoranthene	19.122	202	2295808	38.707	ng/u1	96
82) Pyrene	19.486	202	1674000	27.508	ng/u1	95
85) Benzo(a)anthracene	21.275	228	1020192	16.434	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	46026	1.099	ng/u1	98
87) Chrysene	21.333	228	1115262	19.233	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	1468743	22.266	ng/u1	99
91) Benzo(k)fluoranthene	23.351	252	489157m	7.557	ng/u1	
93) Benzo(a)pyrene	24.080	252	617497	9.995	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.521	276	582501	8.182	ng/u1	94
95) Dibenzo(a,h)anthracene	27.551	278	203531m	3.502	ng/u1	
96) Benzo(g,h,i)perylene	28.551	276	78858m	1.393	ng/u1	

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

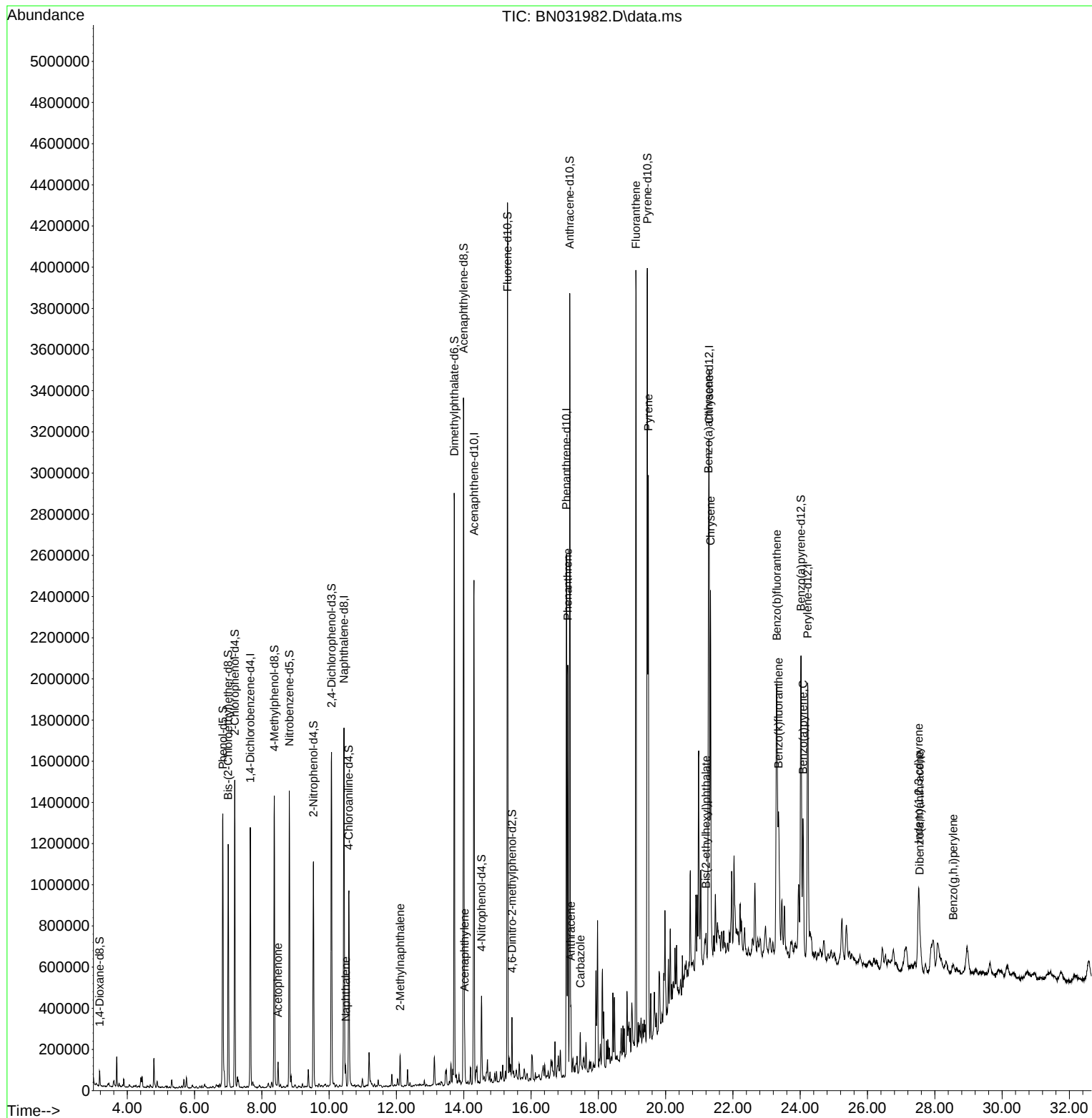
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031982.D
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 Operator : MA/JU
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 ALS Vial : 41 Sample Multiplier: 1

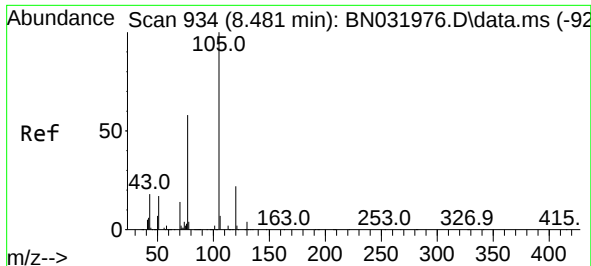
Instrument :
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 Supervised By :mohammad ahmed 06/14/2024

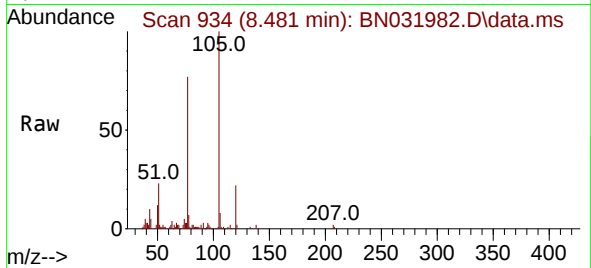
Quant Time: Jun 13 19:02:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
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#16
Acetophenone
Concen: 1.815 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

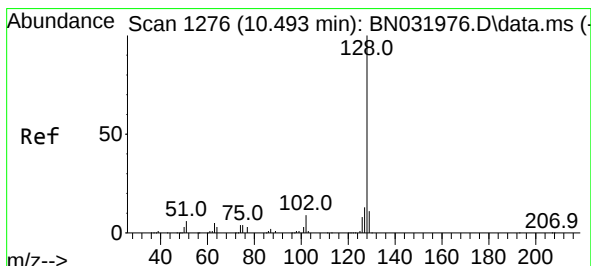
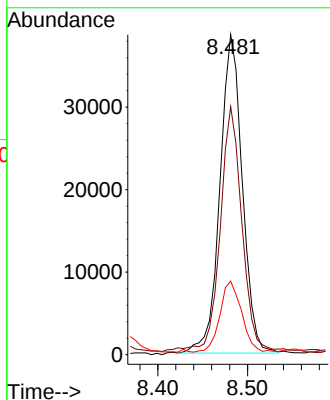
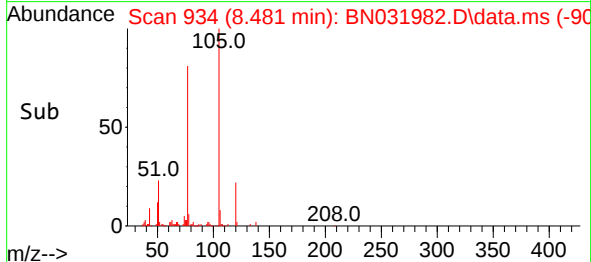
Instrument :
BNA_N
ClientSampleId :
BH694



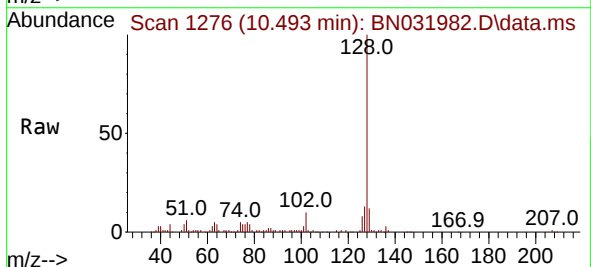
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Ion Ratio Lower Upper
105 100
77 77.5 58.6 87.8
51 23.0 17.2 25.8

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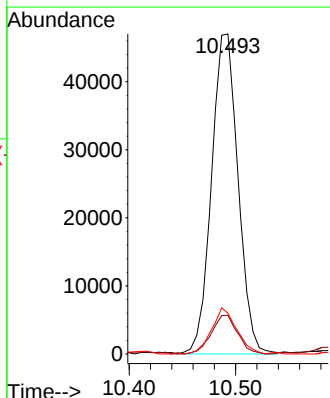
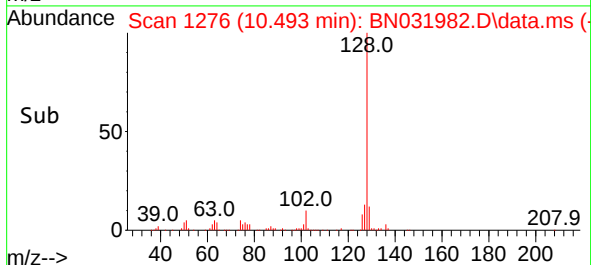
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

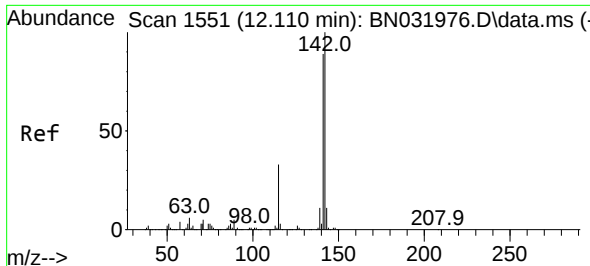


#30
Naphthalene
Concen: 1.062 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15



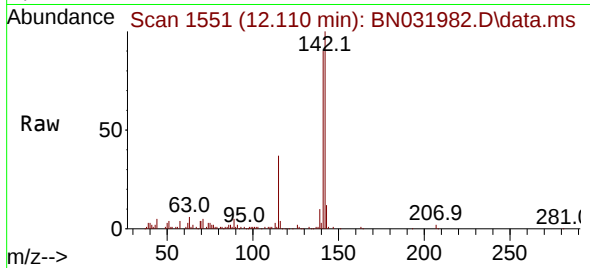
Tgt Ion:128 Resp: 81410
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 12.7 10.3 15.5





#36
2-Methylnaphthalene
Concen: 1.516 ng/ul
RT: 12.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

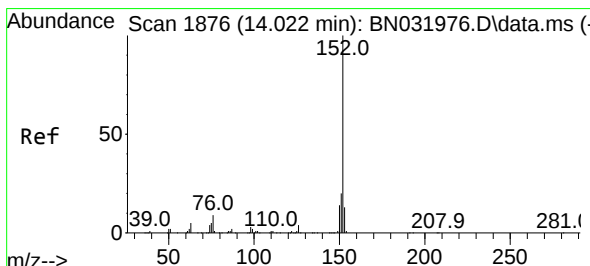
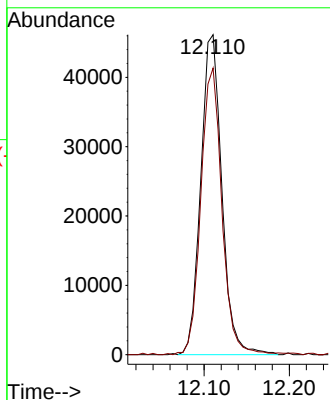
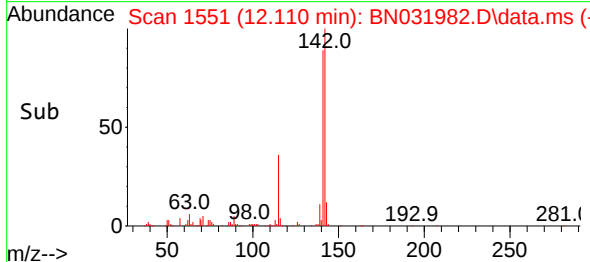
Instrument :
BNA_N
ClientSampleId :
BH694



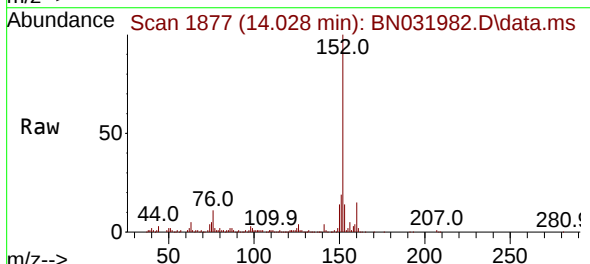
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Ion Ratio Lower Upper
142 100
141 89.5 70.1 105.1

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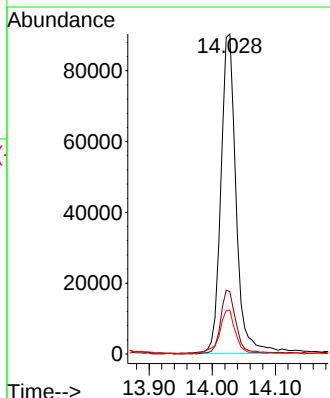
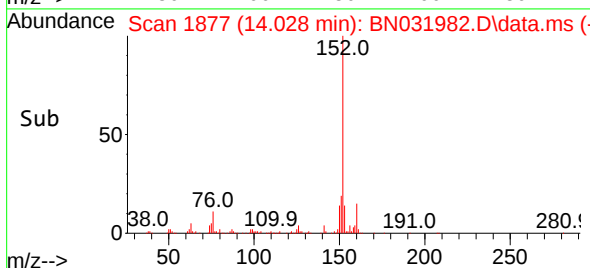
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

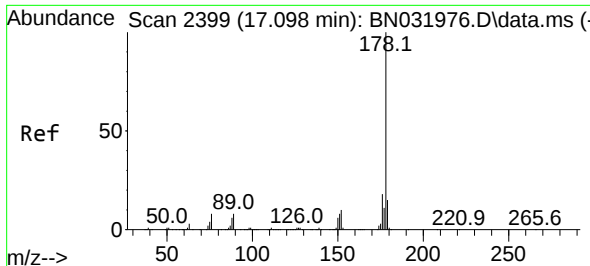


#50
Acenaphthylene
Concen: 1.887 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15



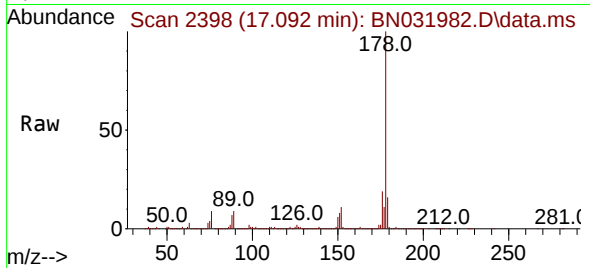
Tgt Ion:152 Resp: 151030
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.7 10.4 15.6





#72
Phenanthrene
Concen: 15.824 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

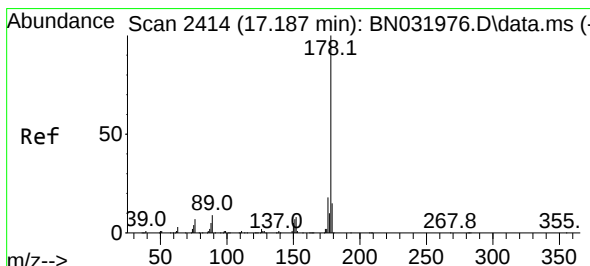
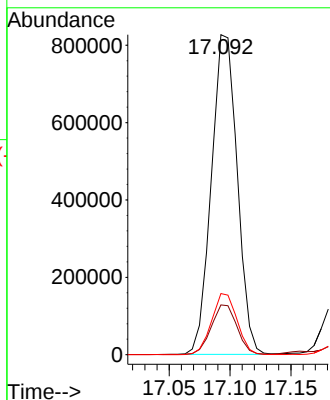
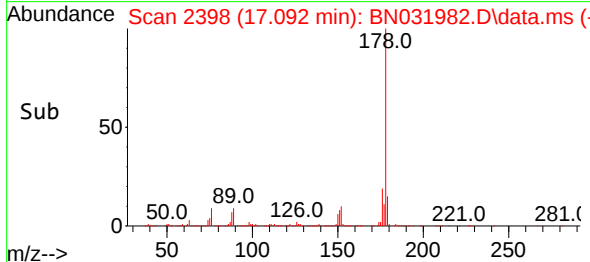
Instrument :
BNA_N
ClientSampleId :
BH694



Tgt Ion:178 Resp: 122268
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.1 15.8 23.6

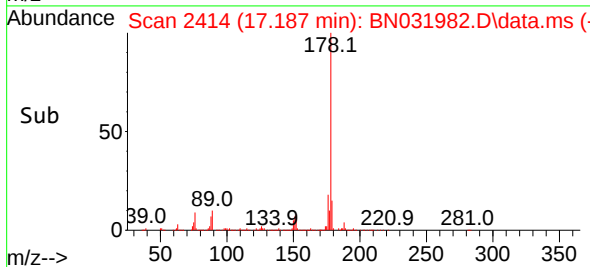
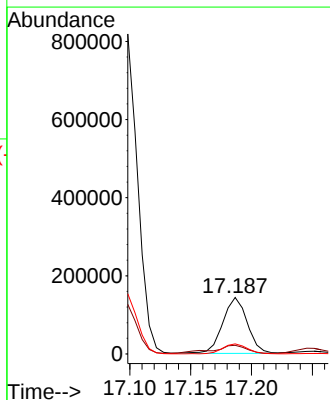
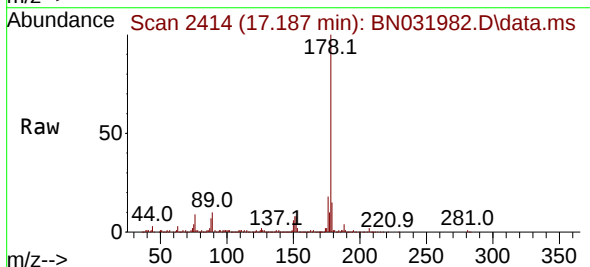
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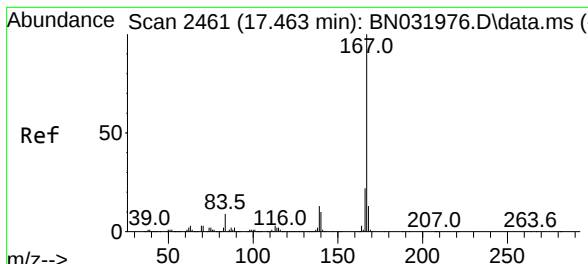
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#74
Anthracene
Concen: 2.572 ng/ul
RT: 17.187 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

Tgt Ion:178 Resp: 201339
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.6
176 17.9 14.8 22.2





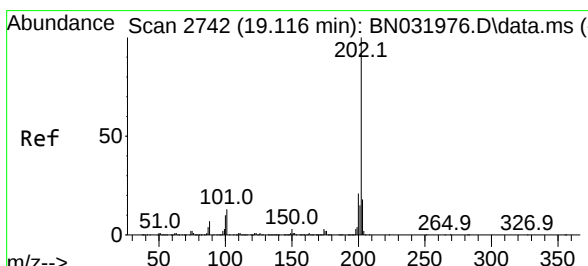
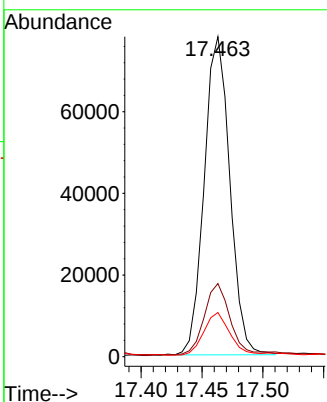
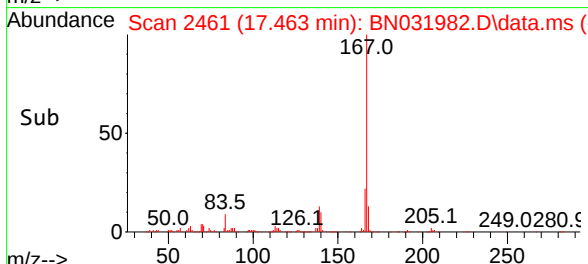
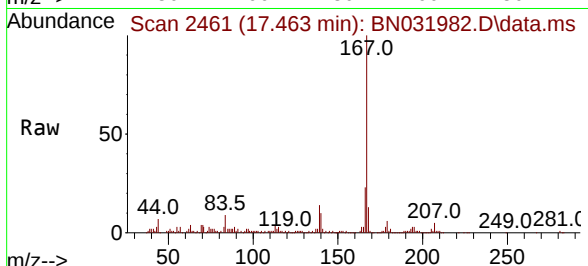
#77
 Carbazole
 Concen: 1.713 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031982.D
 Acq: 13 Jun 2024 18:15

Instrument :
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Tgt Ion:	167	Resp:	114358
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.9	26.9
139	13.8	10.5	15.7

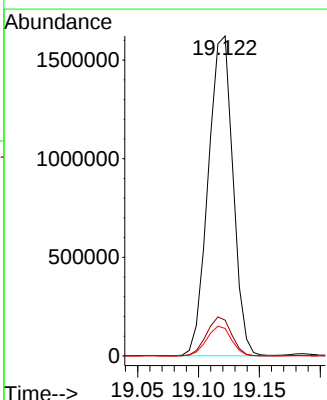
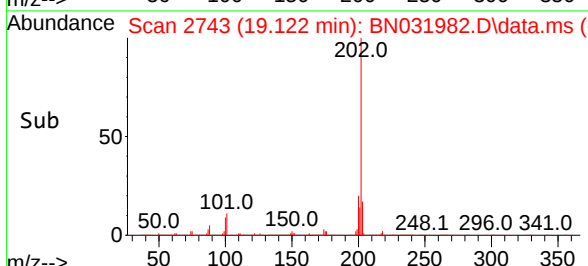
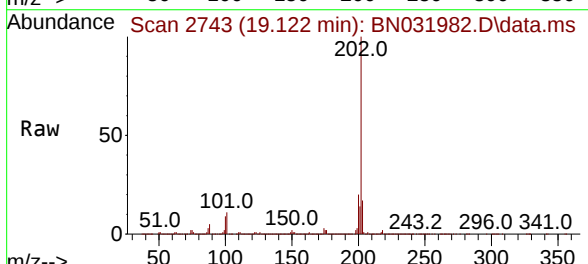
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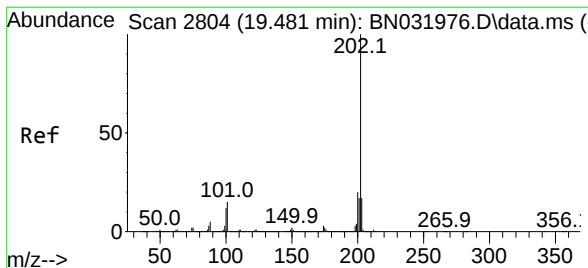
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 38.707 ng/ul
 RT: 19.122 min Scan# 2743
 Delta R.T. 0.006 min
 Lab File: BN031982.D
 Acq: 13 Jun 2024 18:15

Tgt Ion:	202	Resp:	2295808
Ion Ratio	Lower	Upper	
202	100		
101	11.2	10.3	15.5
100	8.6	8.0	12.0





#82

Pyrene

Concen: 27.508 ng/ul

RT: 19.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN031982.D

Acq: 13 Jun 2024 18:15

Instrument :

BNA_N

ClientSampleId :

BH694

Tgt Ion:202 Resp: 1674000

Ion Ratio Lower Upper

202 100

101 13.6 12.6 18.8

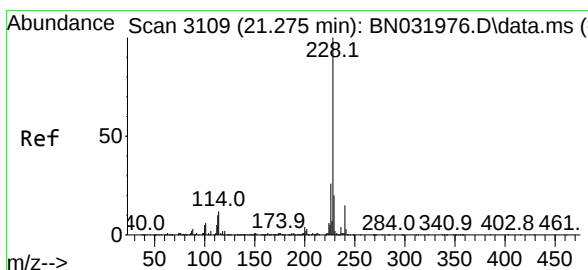
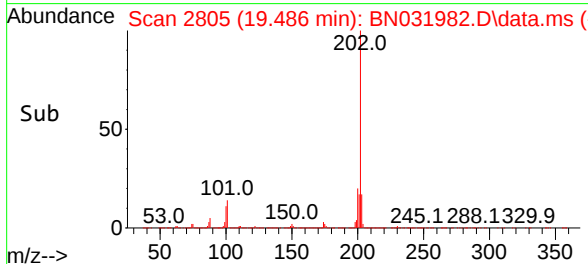
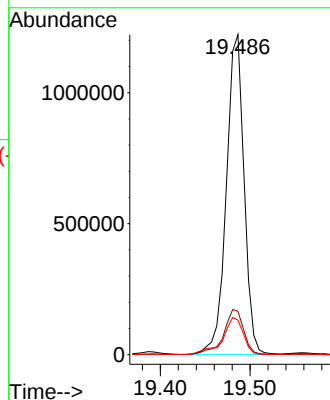
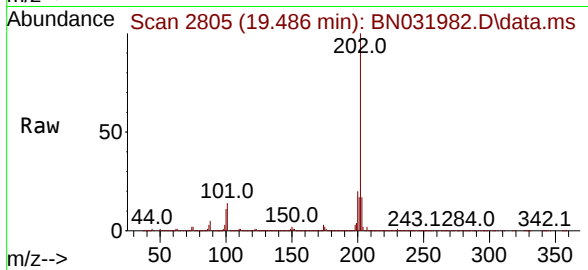
100 10.8 10.2 15.2

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2024



#85

Benzo(a)anthracene

Concen: 16.434 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031982.D

Acq: 13 Jun 2024 18:15

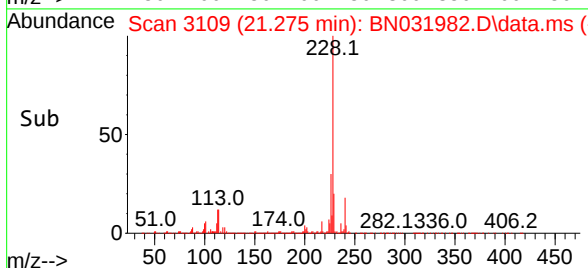
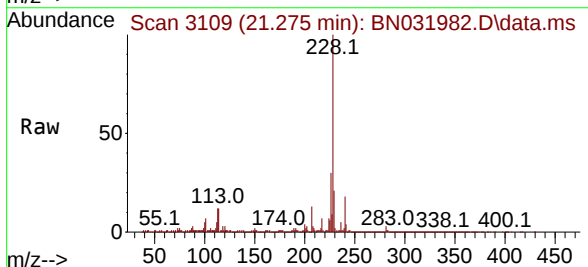
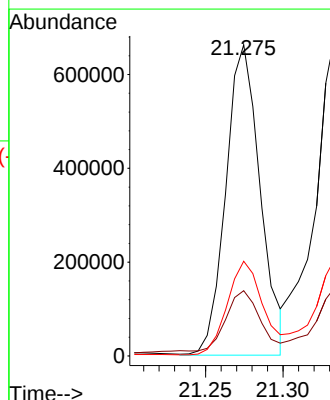
Tgt Ion:228 Resp: 1020192

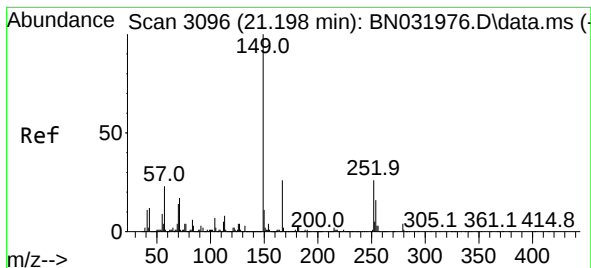
Ion Ratio Lower Upper

228 100

229 21.0 16.7 25.1

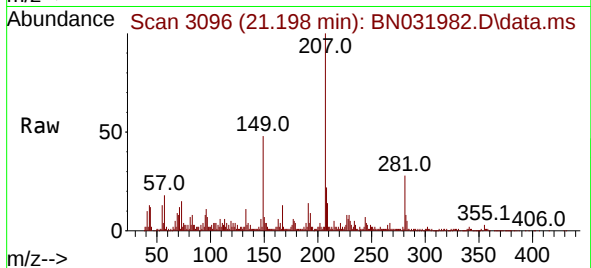
226 30.5 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.099 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

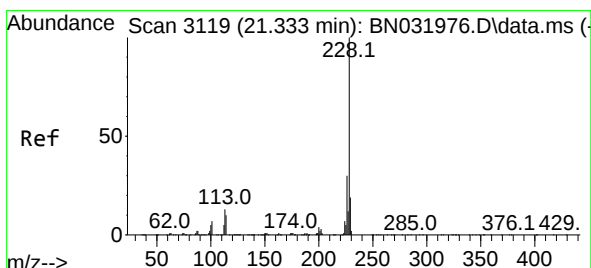
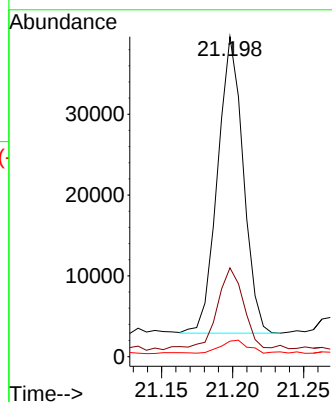
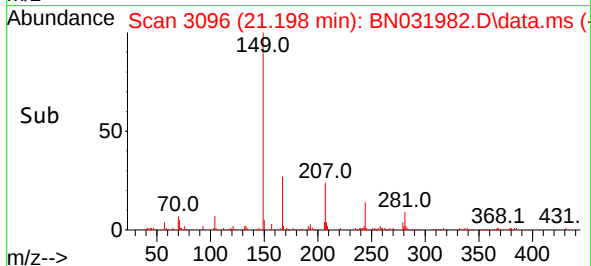
Instrument :
BNA_N
ClientSampleId :
BH694



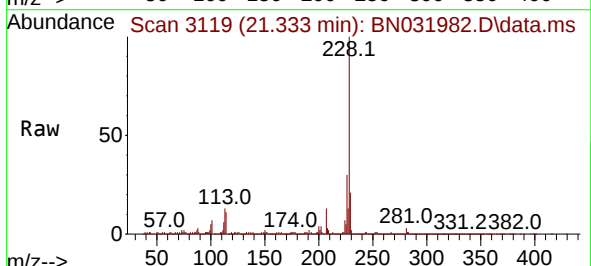
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Ion Ratio Lower Upper
149 100
167 27.8 21.4 32.0
279 4.8 3.3 4.9

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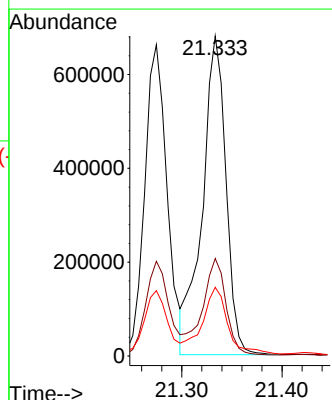
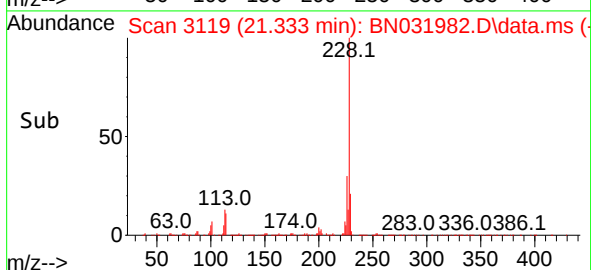
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

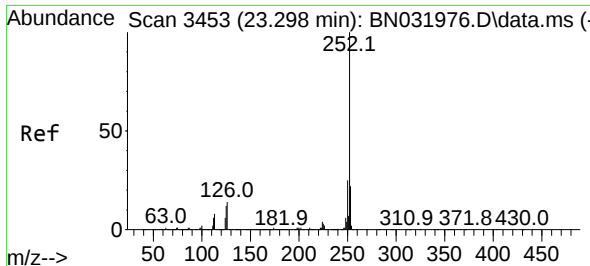


#87
Chrysene
Concen: 19.233 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15



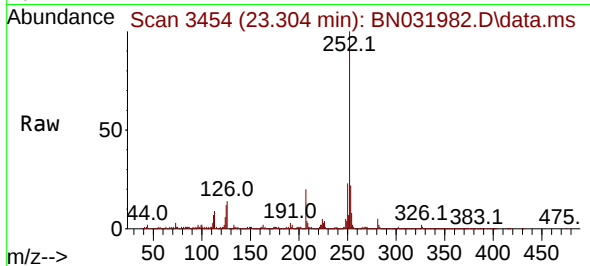
Tgt Ion:228 Resp: 1115262
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 21.4 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 22.266 ng/ul
RT: 23.304 min Scan# 3453
Delta R.T. 0.012 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

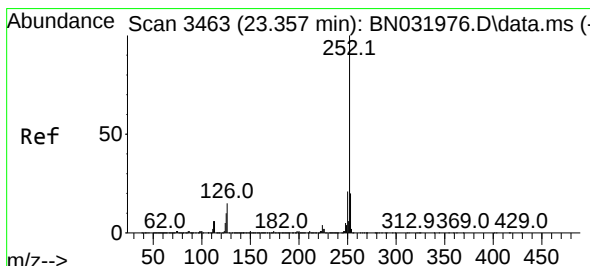
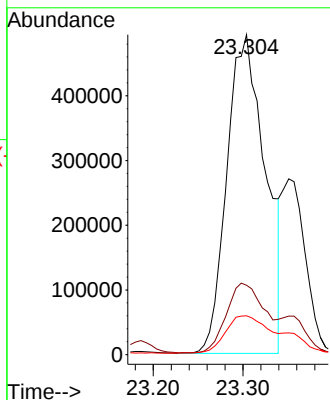
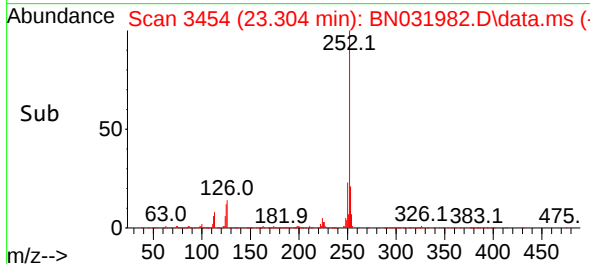
Instrument :
BNA_N
ClientSampleId :
BH694



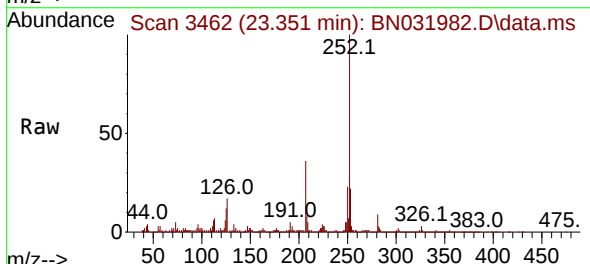
Tgt Ion:252 Resp: 146874
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.2 9.2 13.8

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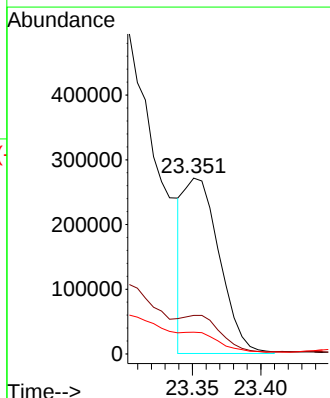
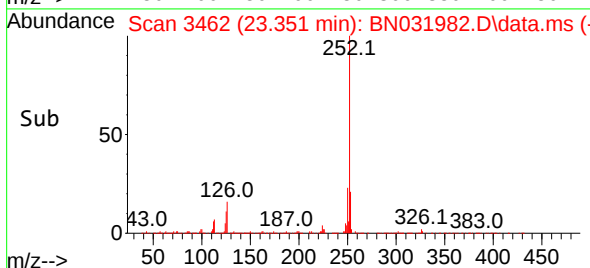
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

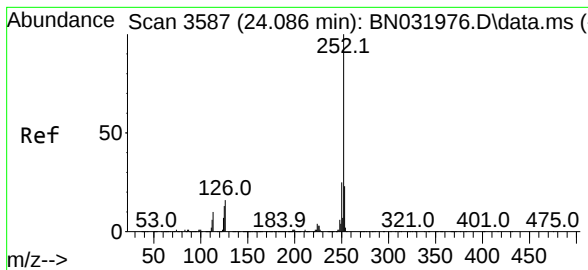


#91
Benzo(k)fluoranthene
Concen: 7.557 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15



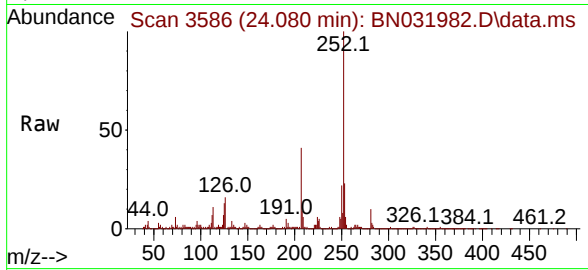
Tgt Ion:252 Resp: 489157
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.4 9.4 14.2





#93
Benzo(a)pyrene
Concen: 9.995 ng/ul
RT: 24.080 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

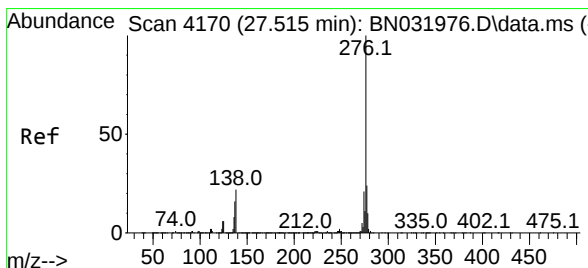
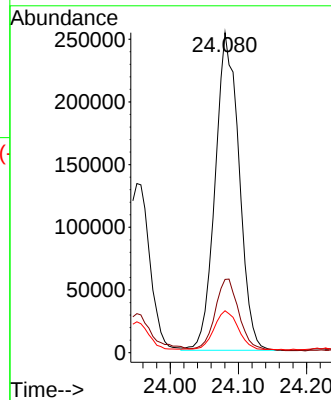
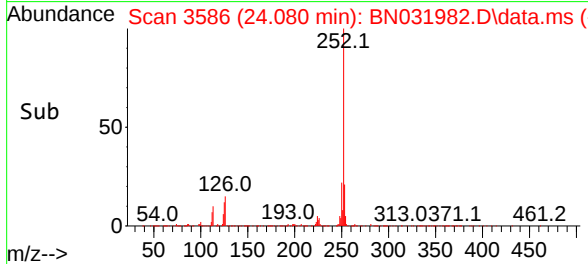
Instrument :
BNA_N
ClientSampleId :
BH694



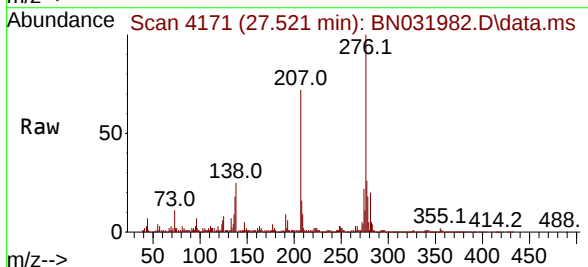
Tgt Ion:252 Resp: 61749
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 13.1 9.8 14.8

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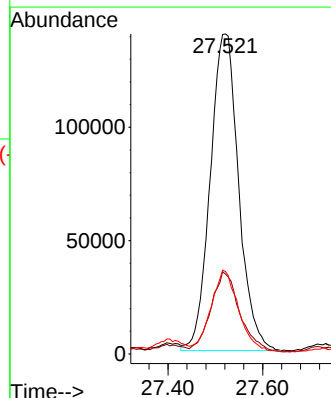
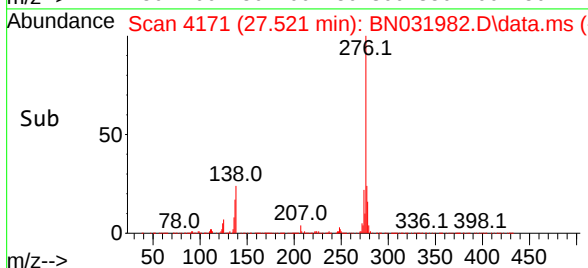
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

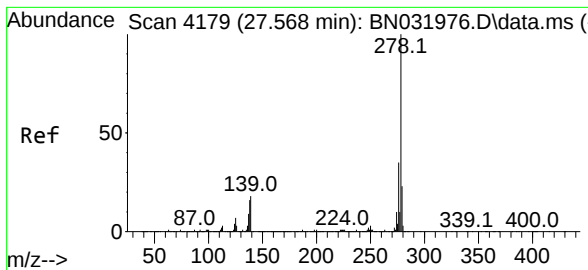


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.182 ng/ul
RT: 27.521 min Scan# 4171
Delta R.T. 0.006 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15



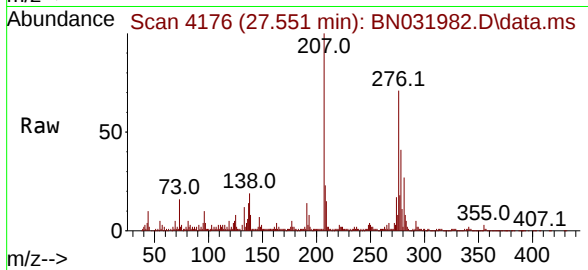
Tgt Ion:276 Resp: 582501
Ion Ratio Lower Upper
276 100
138 24.9 18.1 27.1
277 25.8 18.2 27.2





#95
Dibenzo(a,h)anthracene
Concen: 3.502 ng/ul m
RT: 27.551 min Scan# 4179
Delta R.T. -0.029 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15

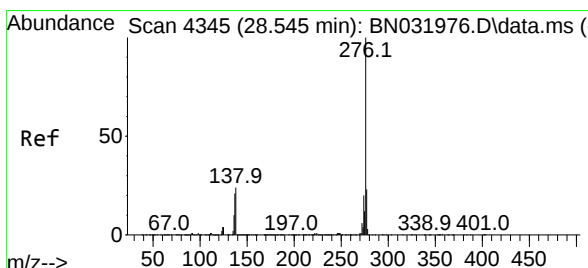
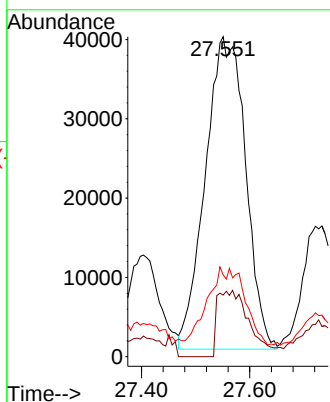
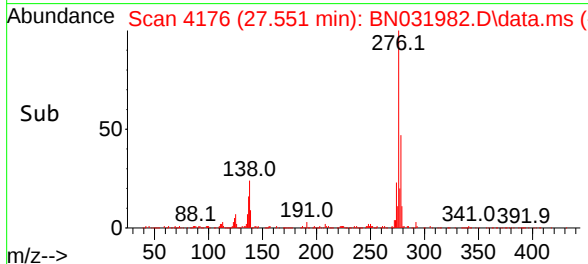
Instrument :
BNA_N
ClientSampleId :
BH694



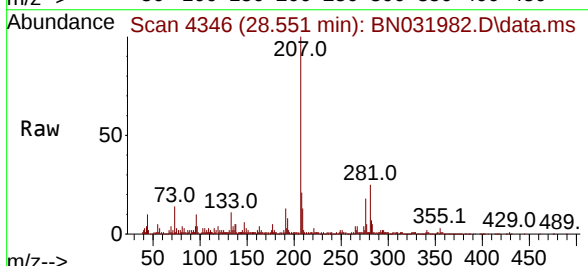
Tgt Ion:278 Resp: 20353
Ion Ratio Lower Upper
278 100
139 19.3 15.0 22.6
279 25.6 17.4 26.0

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.393 ng/ul m
RT: 28.551 min Scan# 4346
Delta R.T. 0.006 min
Lab File: BN031982.D
Acq: 13 Jun 2024 18:15



Tgt Ion:276 Resp: 78858
Ion Ratio Lower Upper
276 100
138 29.1 20.9 31.3
277 28.2 18.0 27.0#

