

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031970.D
 Acq On : 13 Jun 2024 10:22
 Operator : MA/JU
 Sample : P2659-01DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC24DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 23:28:06 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	381022	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1522143	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	810548	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1315711	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1084851	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1352346	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9227	1.002	ng/uL	0.00
4) Pyridine-d5	3.593	84	40792	1.573	ng/u1	0.01
7) Phenol-d5	6.840	99	177022	5.419	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	108845	5.697	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	150081	6.022	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	138446	5.200	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	71383	6.133	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	71210	5.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	125883	5.609	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	53190	1.596	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	366442	6.489	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	420930	6.483	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	30927	2.735	ng/u1	0.01
60) Fluorene-d10	15.298	176	285371	5.973	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	14200	2.147	ng/u1	0.00
73) Anthracene-d10	17.151	188	386851	6.868	ng/u1	0.00
81) Pyrene-d10	19.451	212	357480	6.158	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	295578	4.577	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.028	152	231005	3.148	ng/u1	98
61) Fluorene	15.357	166	59009	1.111	ng/u1	98
72) Phenanthrene	17.092	178	1292386	19.282	ng/u1	98
74) Anthracene	17.187	178	298271	4.392	ng/u1	98
77) Carbazole	17.463	167	94768	1.636	ng/u1	98
80) Fluoranthene	19.116	202	2501365	36.054	ng/u1	99
82) Pyrene	19.481	202	1923062	27.016	ng/u1	99
83) Butylbenzylphthalate	20.392	149	36695	1.091	ng/u1	96
85) Benzo(a)anthracene	21.275	228	1169854	16.111	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	134559	2.746	ng/u1	99
87) Chrysene	21.333	228	1218467	17.965	ng/u1	97
90) Benzo(b)fluoranthene	23.298	252	1719127	21.268	ng/u1	98
91) Benzo(k)fluoranthene	23.351	252	537629	6.778	ng/u1	98
93) Benzo(a)pyrene	24.080	252	745980	9.853	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.509	276	689655m	7.905	ng/u1	
95) Dibenzo(a,h)anthracene	27.551	278	223625m	3.140	ng/u1	
96) Benzo(g,h,i)perylene	28.539	276	96436m	1.391	ng/u1	

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

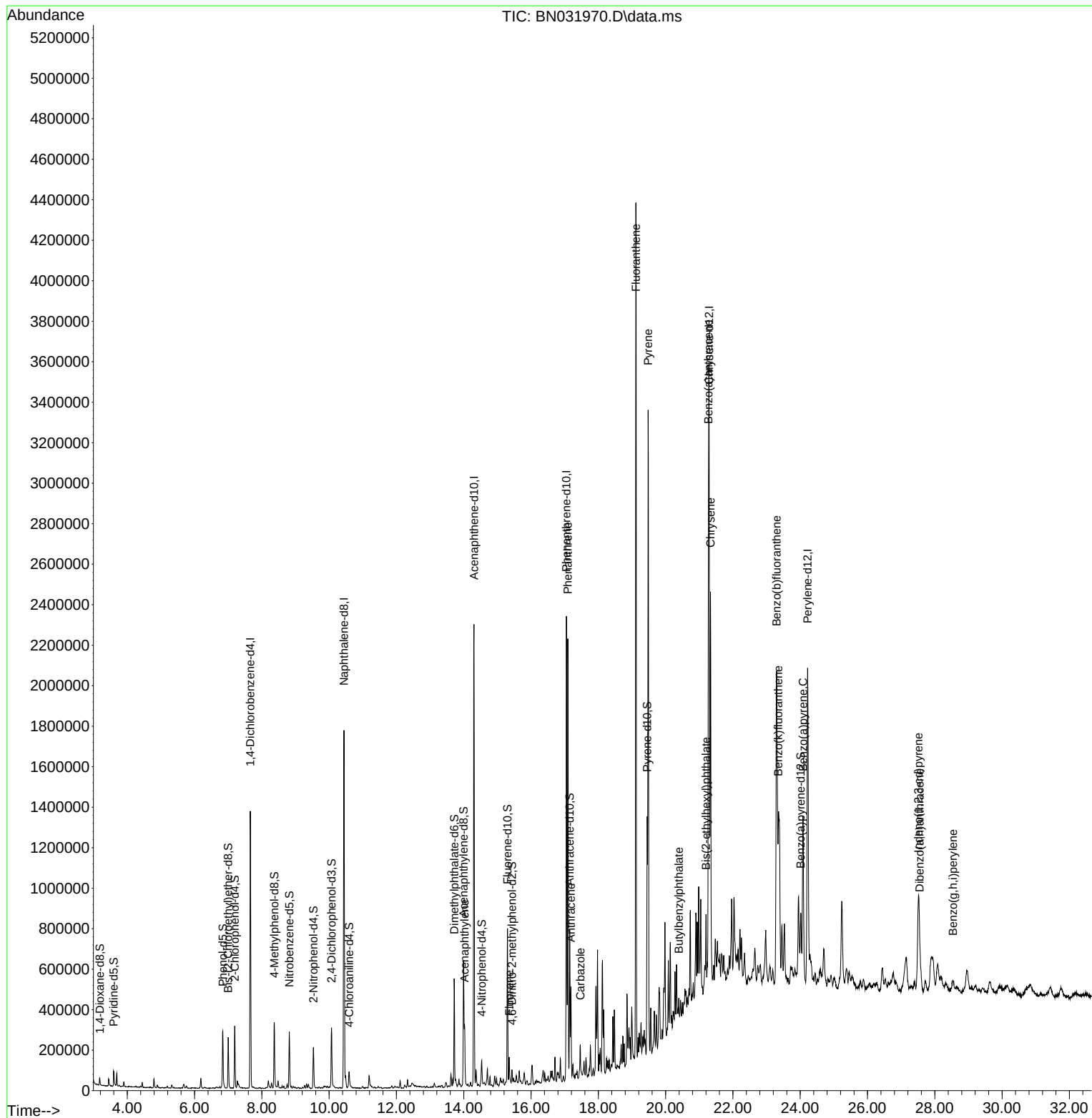
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031970.D
Acq On : 13 Jun 2024 10:22
Operator : MA/JU
Sample : P2659-01DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

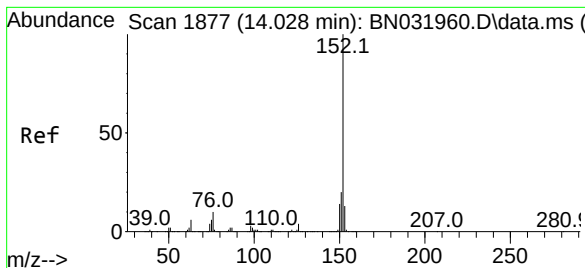
Instrument :
BNA_N
ClientSampleId :
BHC24DL

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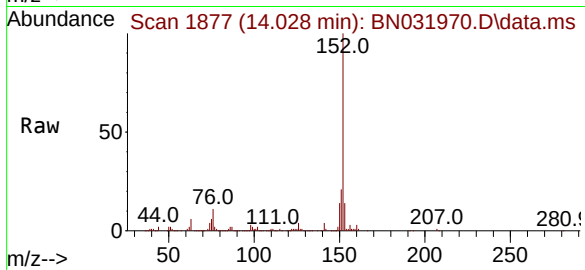
Quant Time: Jun 13 23:28:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 3.148 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

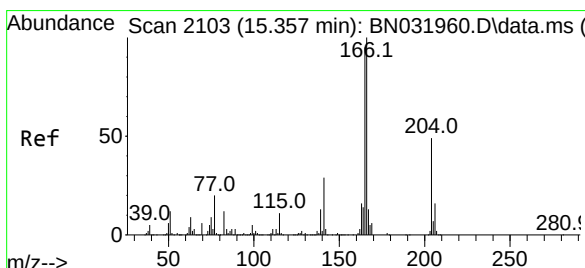
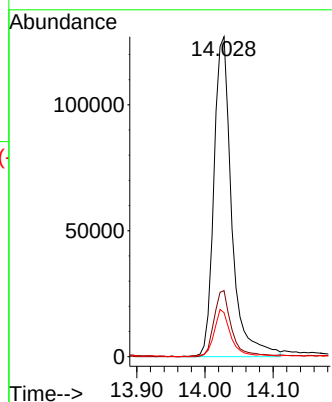
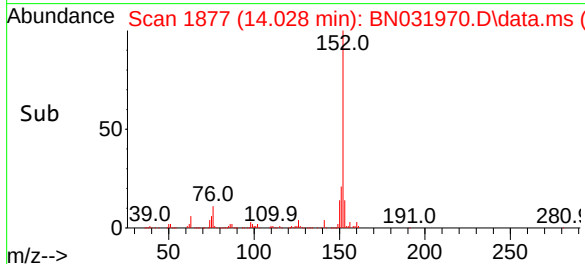
Instrument :
BNA_N
ClientSampleId :
BHC24DL



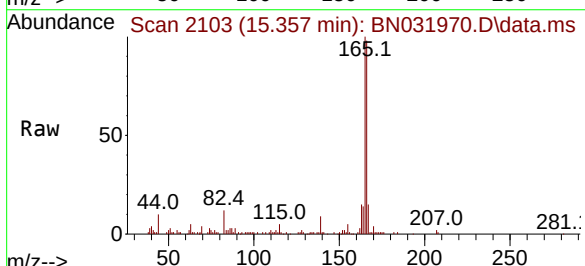
Tgt Ion:152 Resp: 231000
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.7 10.4 15.6

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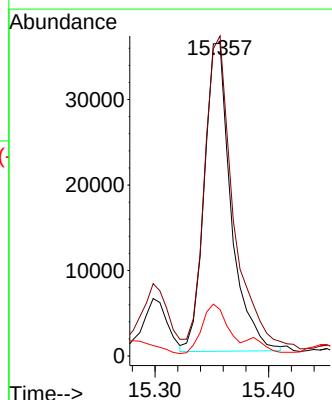
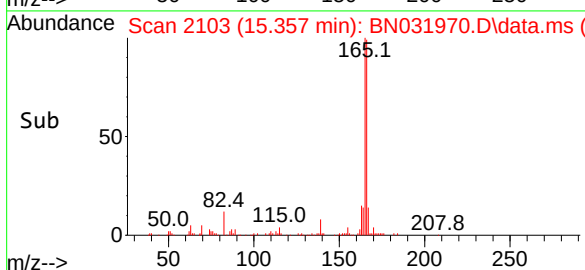
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

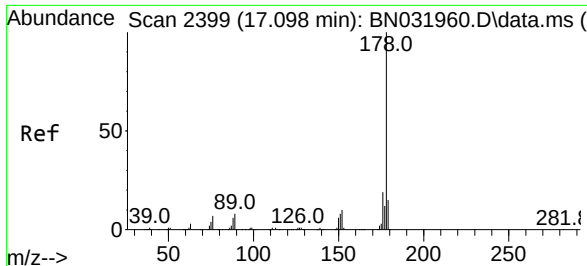


#61
Fluorene
Concen: 1.111 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22



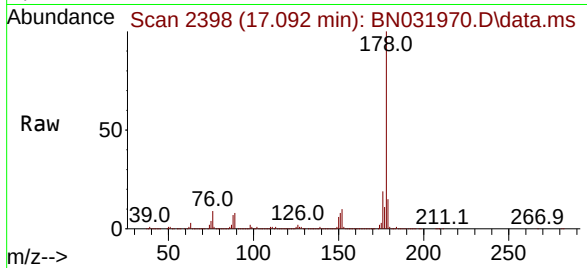
Tgt Ion:166 Resp: 59009
Ion Ratio Lower Upper
166 100
165 102.4 80.3 120.5
167 14.9 11.3 16.9





#72
Phenanthrene
Concen: 19.282 ng/u1
RT: 17.092 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

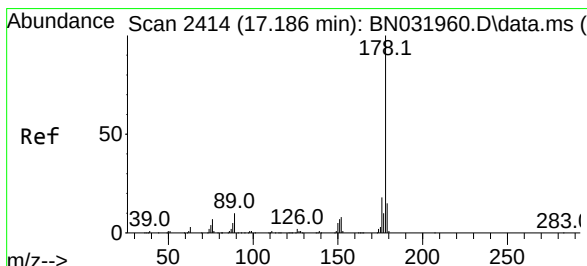
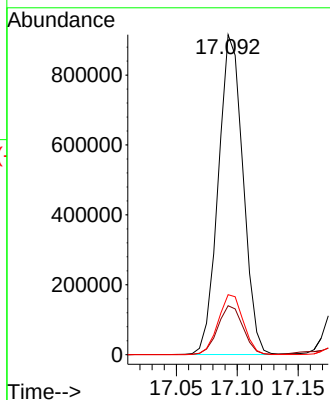
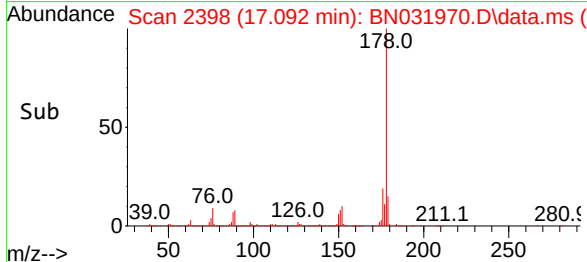
Instrument :
BNA_N
ClientSampleId :
BHC24DL



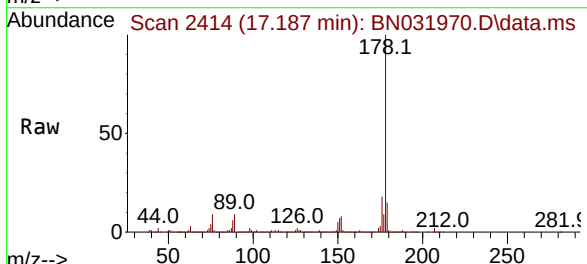
Tgt Ion:178 Resp: 1292380
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.7 15.8 23.6

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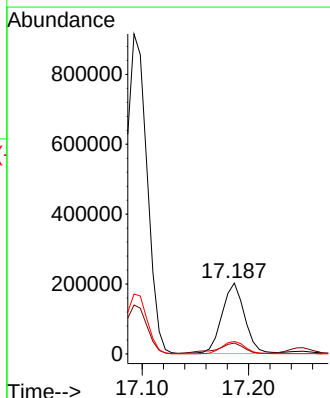
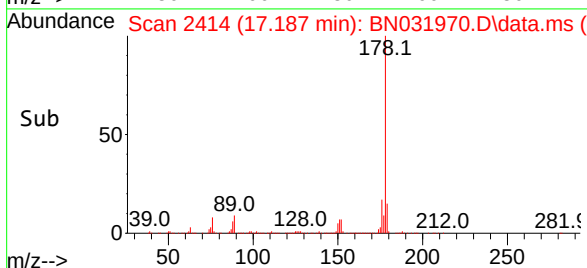
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

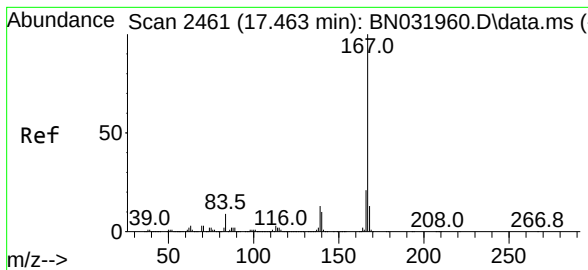


#74
Anthracene
Concen: 4.392 ng/u1
RT: 17.187 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22



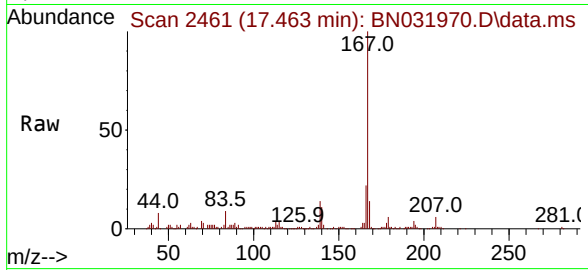
Tgt Ion:178 Resp: 298271
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.6
176 17.5 14.8 22.2





#77
 Carbazole
 Concen: 1.636 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031970.D
 Acq: 13 Jun 2024 10:22

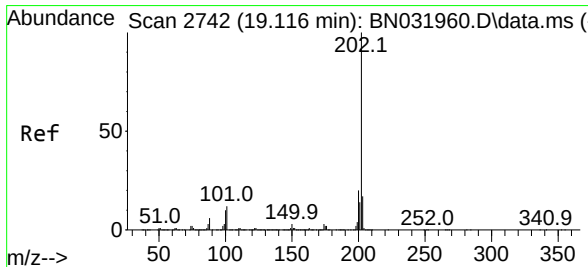
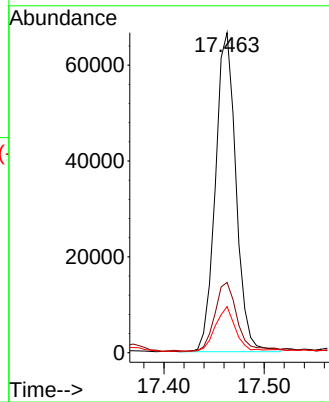
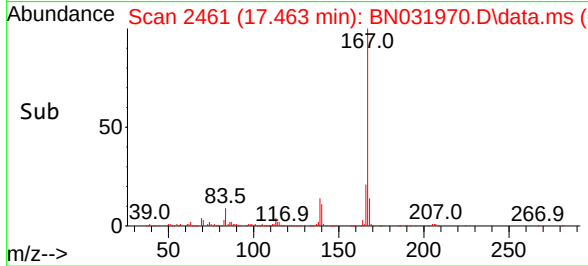
Instrument :
 BNA_N
 ClientSampleId :
 BHC24DL



Tgt Ion:	167	Resp:	94768
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.9	26.9
139	14.4	10.5	15.7

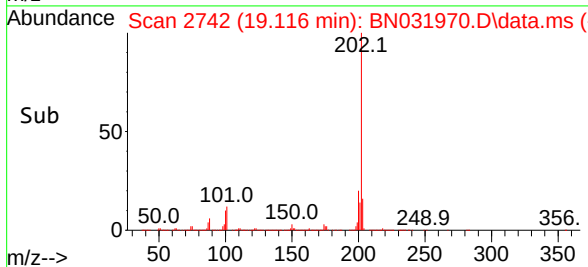
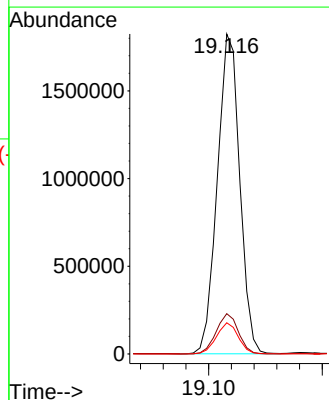
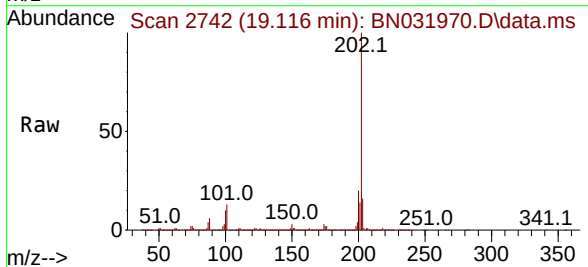
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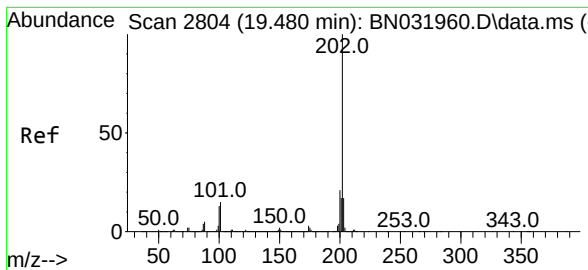
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 36.054 ng/ul
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031970.D
 Acq: 13 Jun 2024 10:22

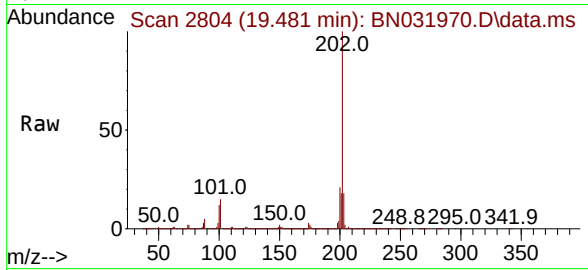
Tgt Ion:	202	Resp:	2501365
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.3	15.5
100	9.7	8.0	12.0





#82
 Pyrene
 Concen: 27.016 ng/ul
 RT: 19.481 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031970.D
 Acq: 13 Jun 2024 10:22

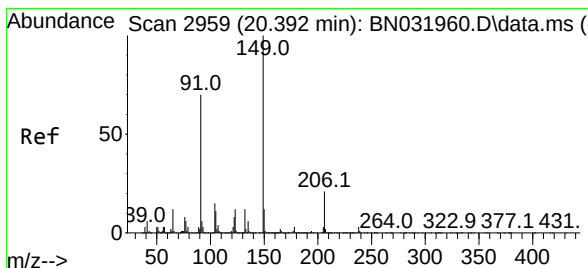
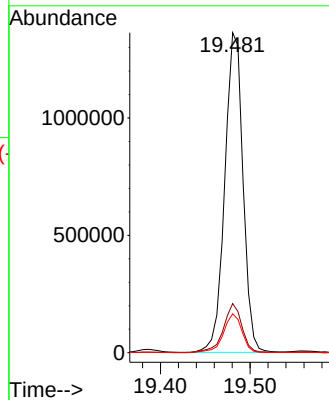
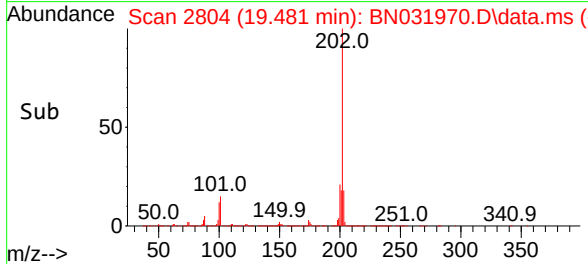
Instrument :
 BNA_N
 ClientSampleId :
 BHC24DL



Tgt Ion:202 Resp: 1923062
 Ion Ratio Lower Upper
 202 100
 101 15.4 12.6 18.8
 100 12.2 10.2 15.2

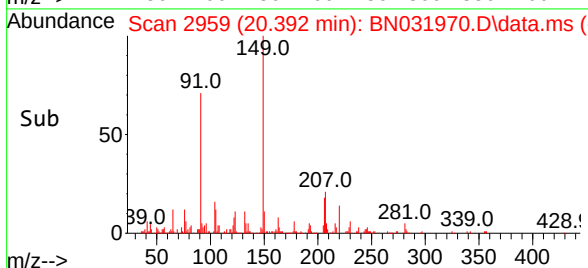
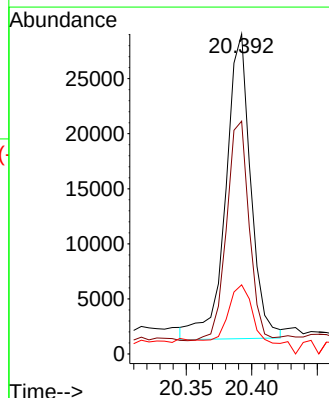
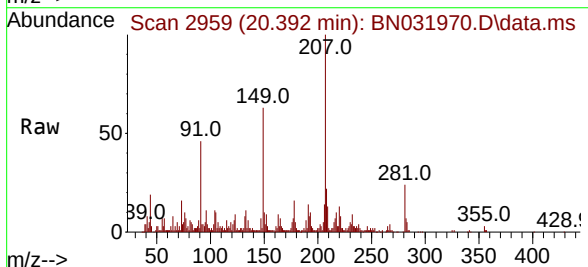
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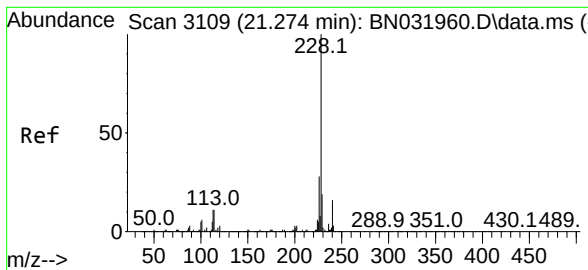
Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024



#83
 Butylbenzylphthalate
 Concen: 1.091 ng/ul
 RT: 20.392 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BN031970.D
 Acq: 13 Jun 2024 10:22

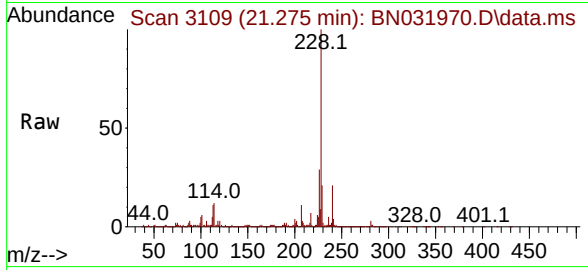
Tgt Ion:149 Resp: 36695
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.0 91.4
 206 21.6 16.5 24.7





#85
Benzo(a)anthracene
Concen: 16.111 ng/ul
RT: 21.275 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

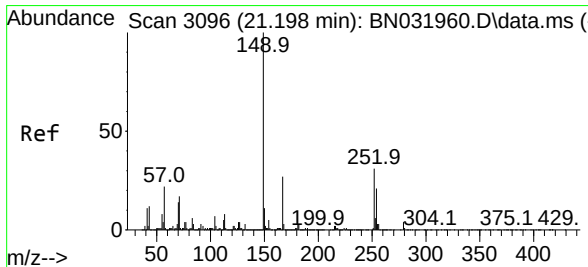
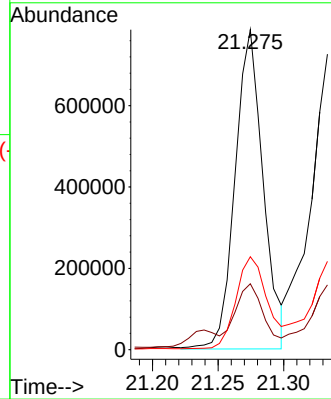
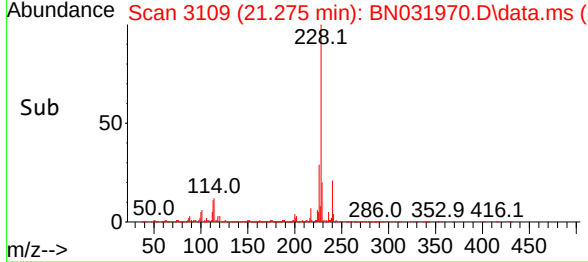
Instrument :
BNA_N
ClientSampleId :
BHC24DL



Tgt Ion:228 Resp: 1169854
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 29.0 22.8 34.2

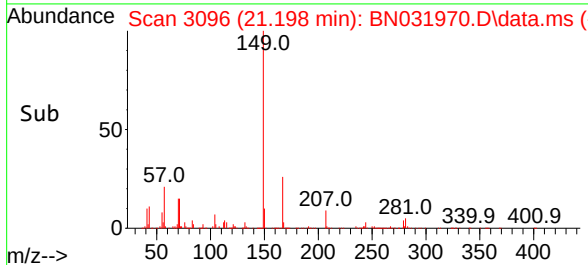
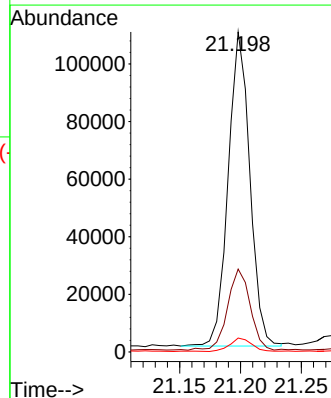
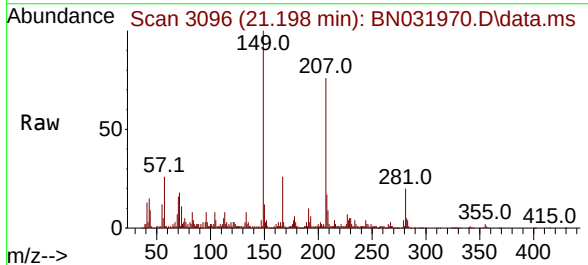
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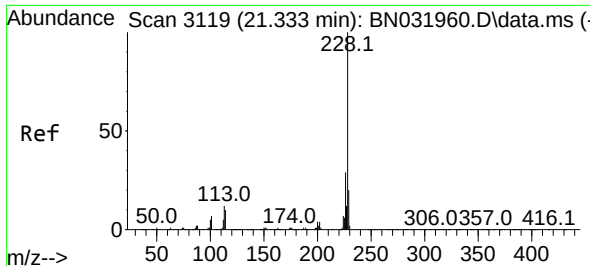
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.746 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

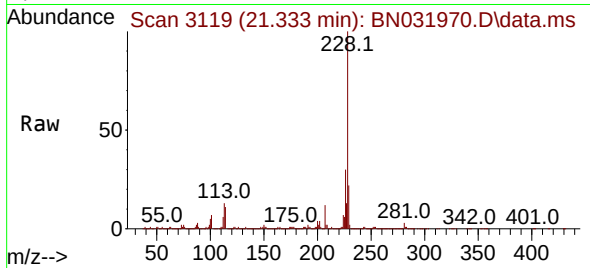
Tgt Ion:149 Resp: 134559
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.0
279 4.3 3.3 4.9





#87
Chrysene
Concen: 17.965 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

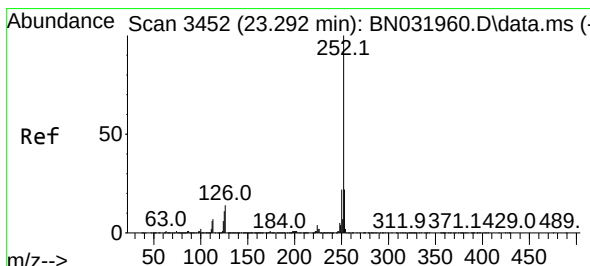
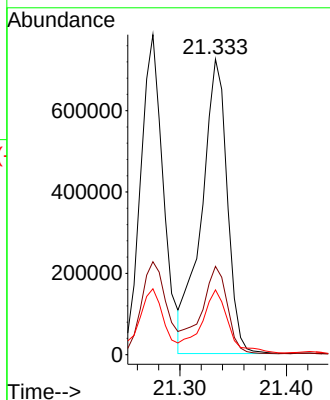
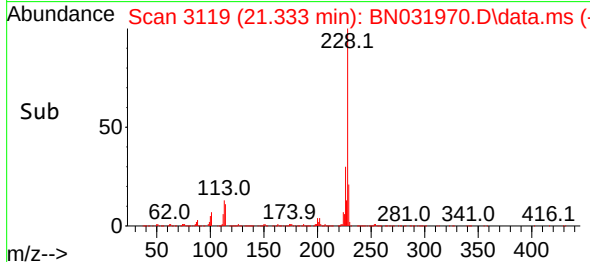
Instrument :
BNA_N
ClientSampleId :
BHC24DL



Tgt Ion:228 Resp: 121846
Ion Ratio Lower Upper
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226 29.9 23.7 35.5
229 21.9 15.1 22.7

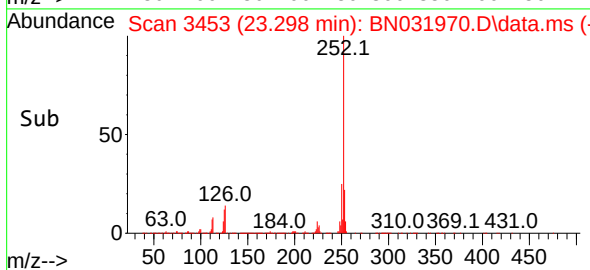
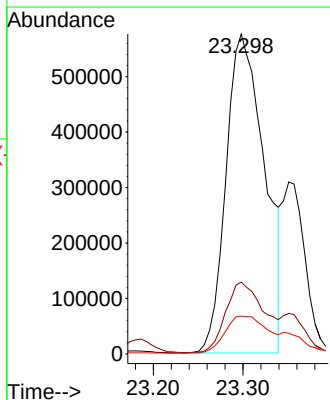
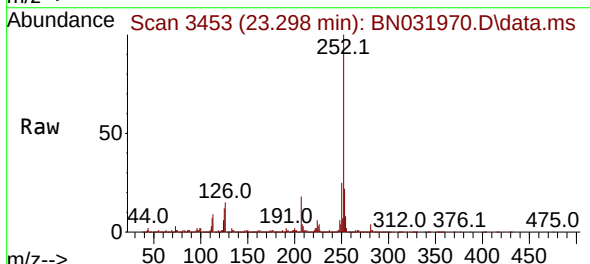
Manual Integrations
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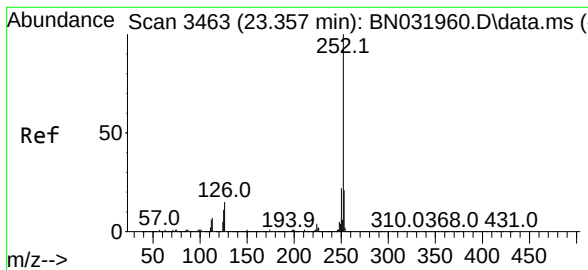
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#90
Benzo(b)fluoranthene
Concen: 21.268 ng/ul
RT: 23.298 min Scan# 3453
Delta R.T. 0.006 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

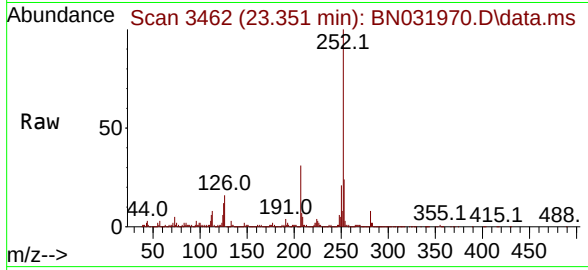
Tgt Ion:252 Resp: 1719127
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.8 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 6.778 ng/ul
RT: 23.351 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22

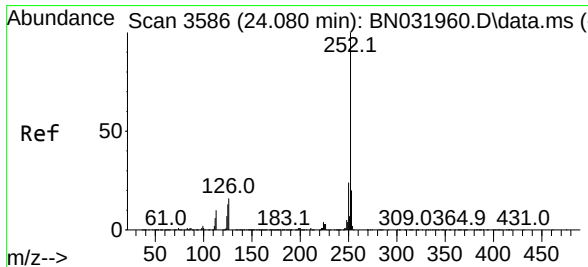
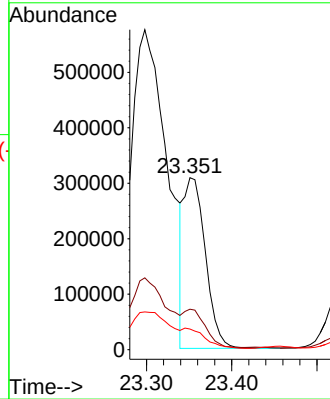
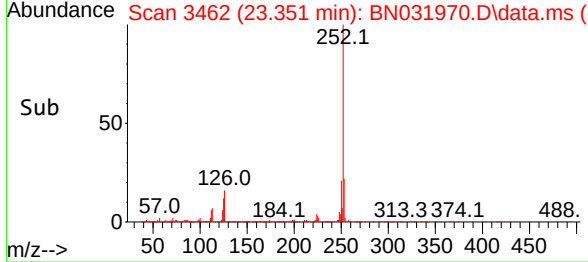
Instrument :
BNA_N
ClientSampleId :
BHC24DL



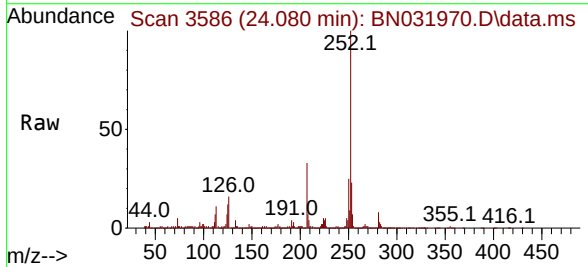
Tgt Ion:252 Resp: 537629
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 12.0 9.4 14.2

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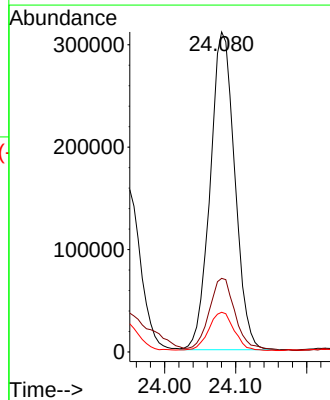
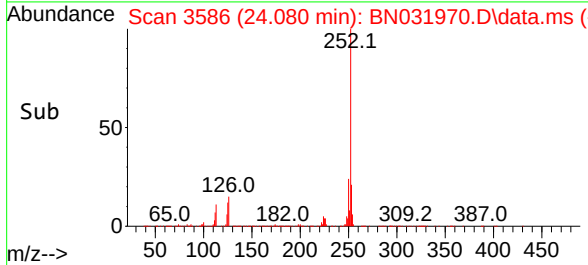
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

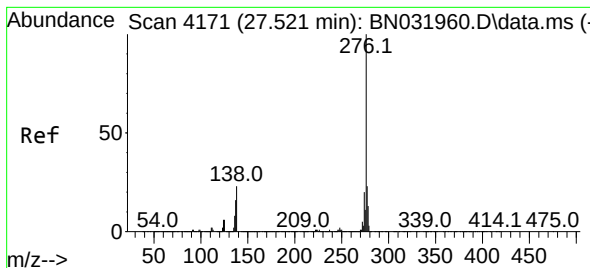


#93
Benzo(a)pyrene
Concen: 9.853 ng/ul
RT: 24.080 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN031970.D
Acq: 13 Jun 2024 10:22



Tgt Ion:252 Resp: 745980
Ion Ratio Lower Upper
252 100
253 23.0 16.6 24.8
125 12.4 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.905 ng/ul m

RT: 27.509 min Scan# 4169

Delta R.T. -0.006 min

Lab File: BN031970.D

Acq: 13 Jun 2024 10:22

Instrument :

BNA_N

ClientSampleId :

BHC24DL

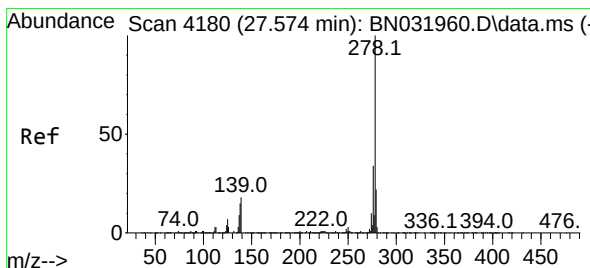
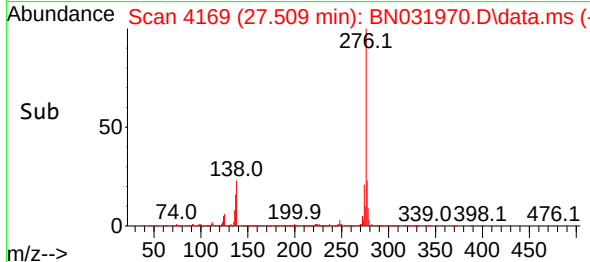
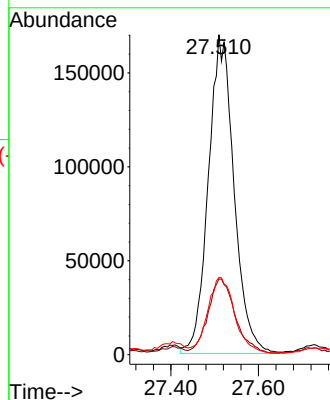
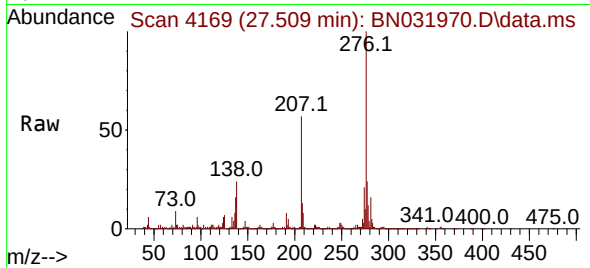
Tgt Ion:276 Resp: 68965

Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.1	27.1
277	24.1	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: 3.140 ng/ul m

RT: 27.551 min Scan# 4176

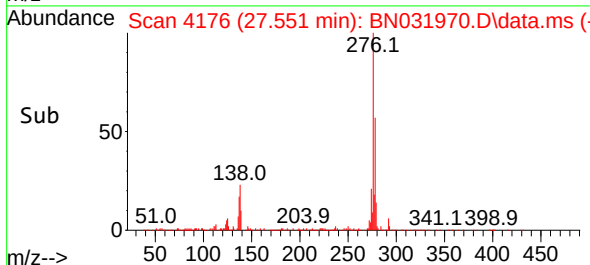
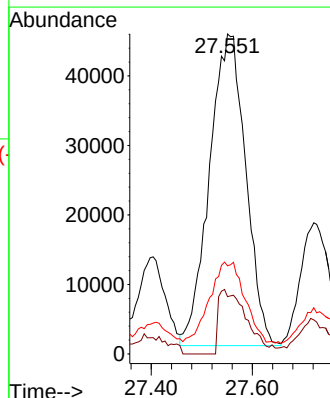
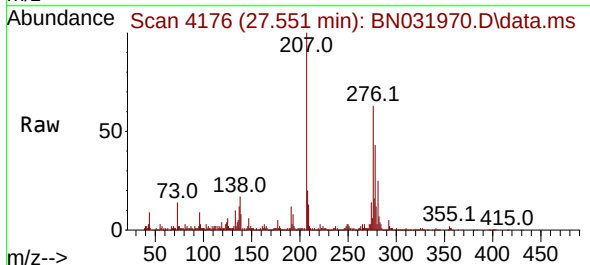
Delta R.T. -0.029 min

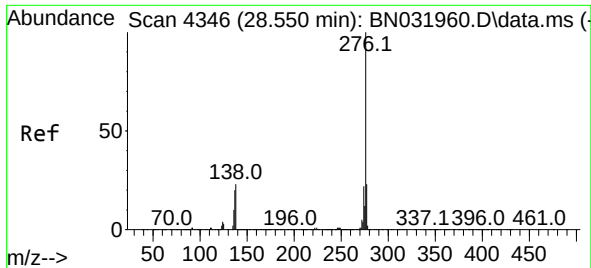
Lab File: BN031970.D

Acq: 13 Jun 2024 10:22

Tgt Ion:278 Resp: 223625

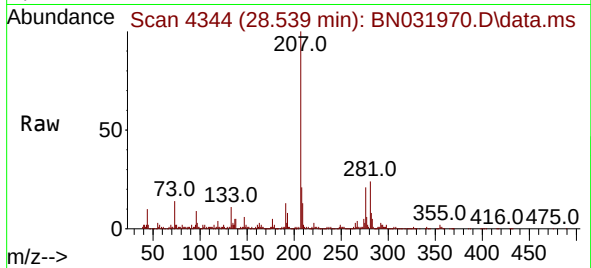
Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.0	22.6
279	27.5	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.391 ng/ul m
 RT: 28.539 min Scan# 4344
 Delta R.T. -0.006 min
 Lab File: BN031970.D
 Acq: 13 Jun 2024 10:22

Instrument :
 BNA_N
 ClientSampleId :
 BHC24DL



Tgt Ion:276 Resp: 96430
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.9 31.3
 277 25.8 18.0 27.0

Manual Integrations
 APPROVED

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

