

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031959.D
 Acq On : 13 Jun 2024 02:31
 Operator : MA/JU
 Sample : P2678-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH674

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 03:54:38 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	434261	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1809458	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1055988	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1697942	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1164906	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1379470	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	40752	3.882	ng/uL	0.00
4) Pyridine-d5	3.593	84	108407	3.669	ng/u1	0.01
7) Phenol-d5	6.840	99	849341	22.814	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	511143	23.473	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	723847	25.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	645307	21.264	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	366268	26.474	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	402382	28.155	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	666512	24.981	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	662535	16.725	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1929484	26.228	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2164377	25.587	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	221215	15.018	ng/u1	0.00
60) Fluorene-d10	15.304	176	1516888	24.369	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	114862	13.458	ng/u1	0.00
73) Anthracene-d10	17.151	188	1896056	26.083	ng/u1	0.00
81) Pyrene-d10	19.457	212	1618686	25.967	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1275119	19.358	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.028	152	129147	1.351	ng/u1	99
72) Phenanthrene	17.098	178	764568	8.839	ng/u1	99
74) Anthracene	17.186	178	160947	1.836	ng/u1	98
80) Fluoranthene	19.116	202	1473469	19.779	ng/u1	99
82) Pyrene	19.480	202	1120130	14.655	ng/u1	98
85) Benzo(a)anthracene	21.274	228	728514	9.343	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	68249	1.297	ng/u1#	99
87) Chrysene	21.333	228	729900	10.022	ng/u1	96
90) Benzo(b)fluoranthene	23.298	252	993224	12.046	ng/u1	97
91) Benzo(k)fluoranthene	23.357	252	407103m	5.032	ng/u1	
93) Benzo(a)pyrene	24.086	252	444180	5.752	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	409831m	4.605	ng/u1	
95) Dibenzo(a,h)anthracene	27.568	278	141653	1.950	ng/u1#	88

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

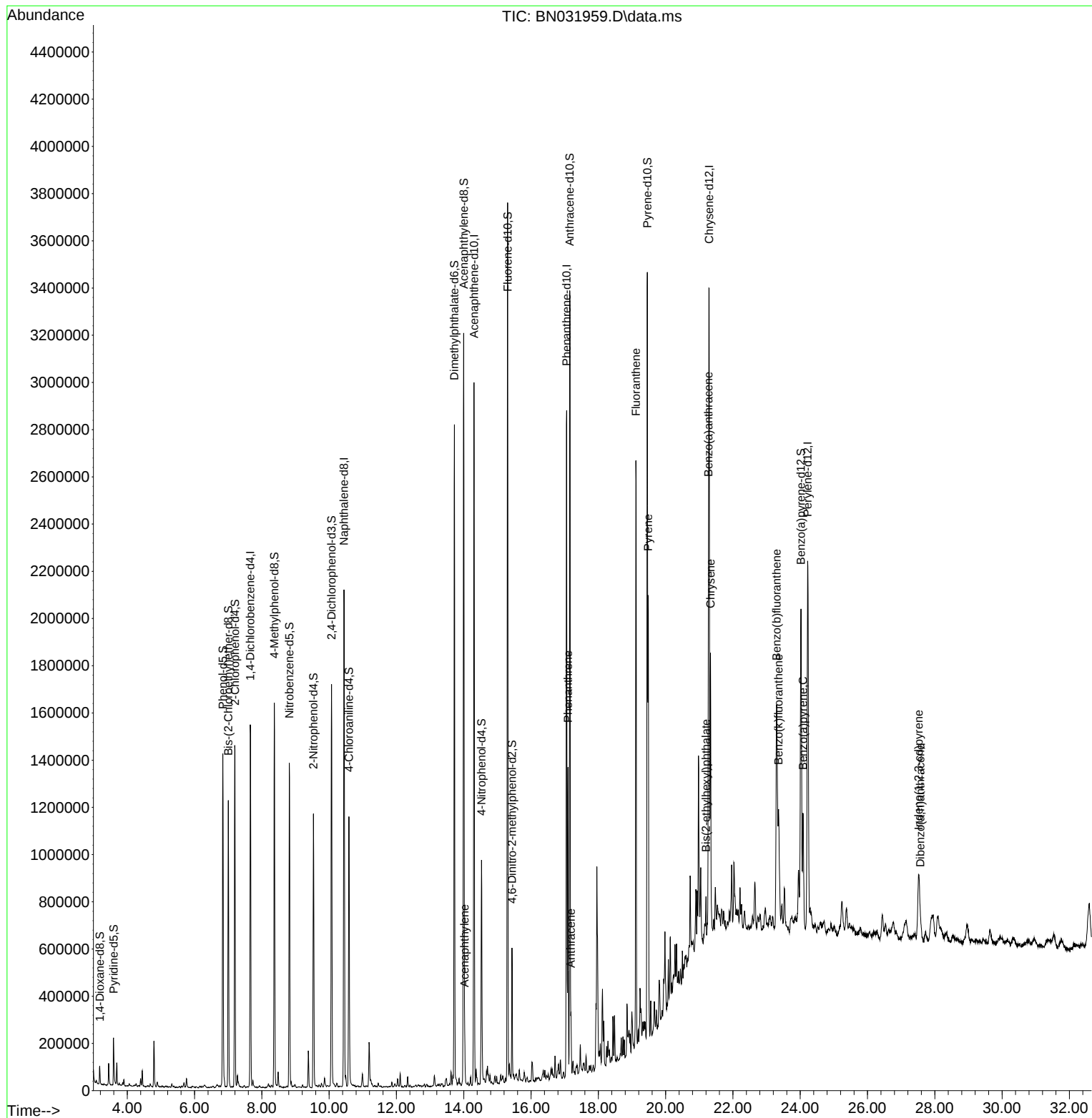
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031959.D
 Acq On : 13 Jun 2024 02:31
 Operator : MA/JU
 Sample : P2678-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

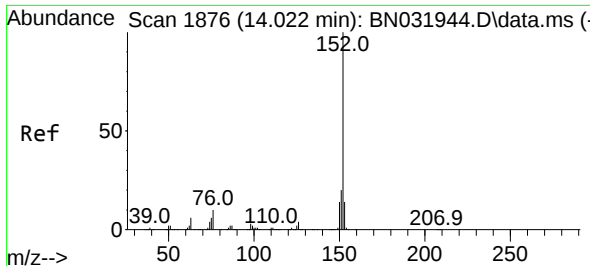
Instrument :
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Quant Time: Jun 13 03:54:38 2024
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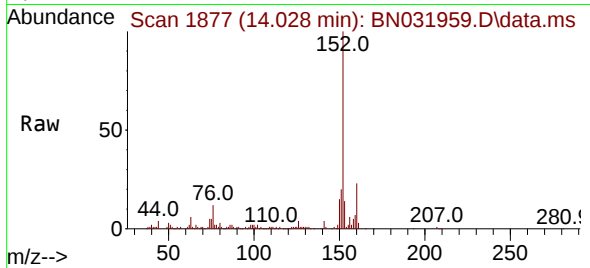
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024





#50
Acenaphthylene
Concen: 1.351 ng/ul
RT: 14.028 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31

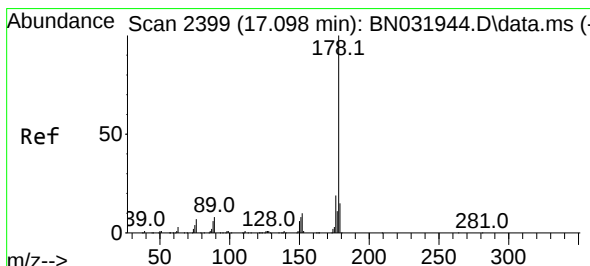
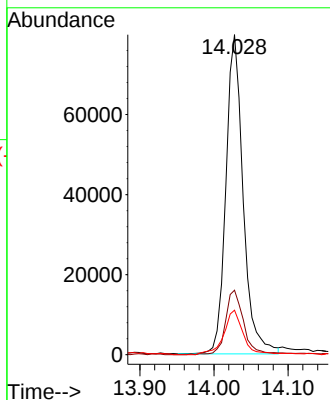
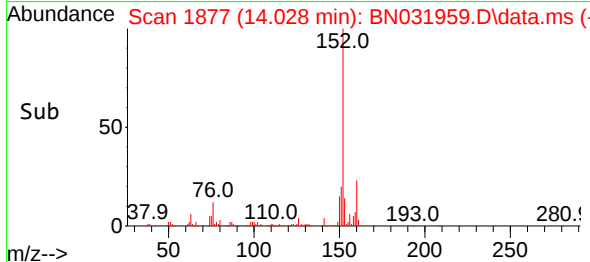
Instrument :
BNA_N
ClientSampleId :
BH674



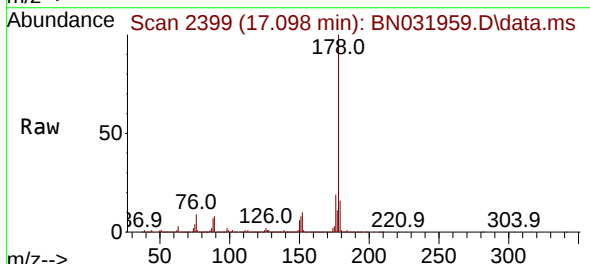
Tgt Ion:152 Resp: 12914
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.9 10.4 15.6

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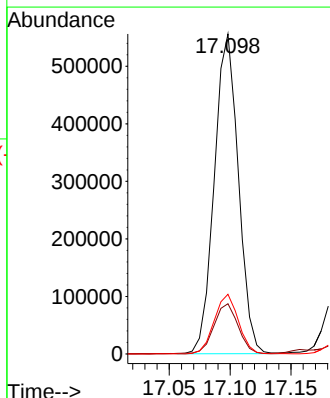
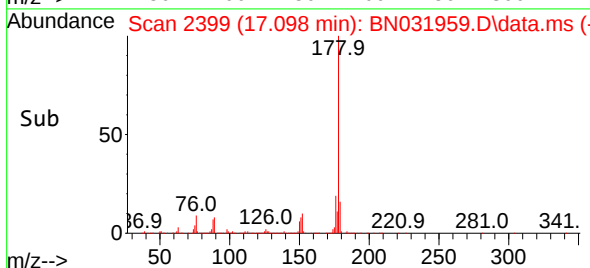
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

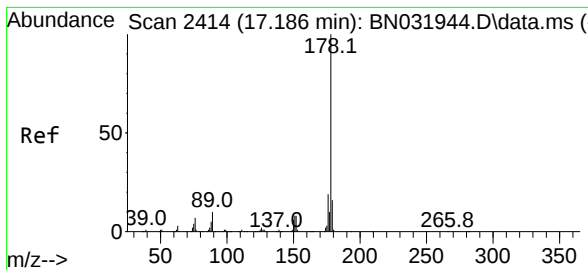


#72
Phenanthrene
Concen: 8.839 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31



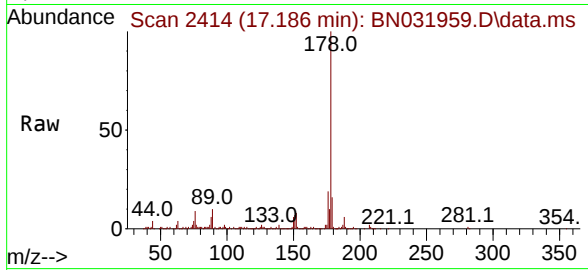
Tgt Ion:178 Resp: 764568
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.6 15.8 23.6





#74
 Anthracene
 Concen: 1.836 ng/u1
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031959.D
 Acq: 13 Jun 2024 02:31

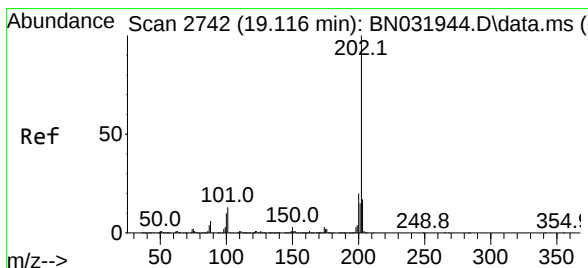
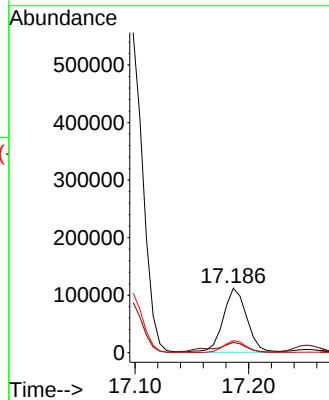
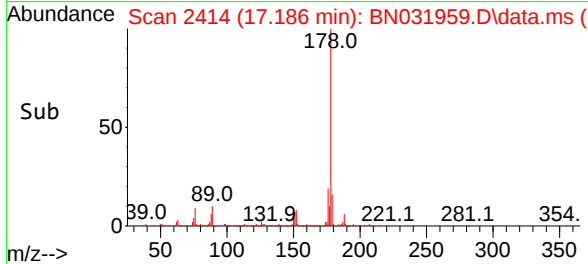
Instrument :
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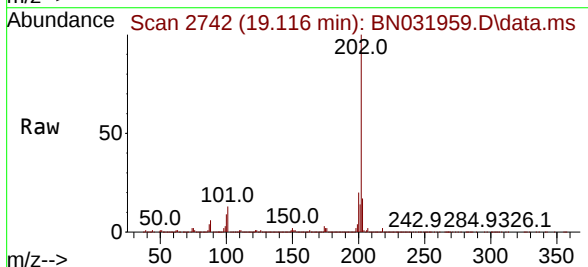
Tgt Ion:178 Resp: 160947
 Ion Ratio Lower Upper
 178 100
 179 16.0 11.8 17.6
 176 18.7 14.8 22.2

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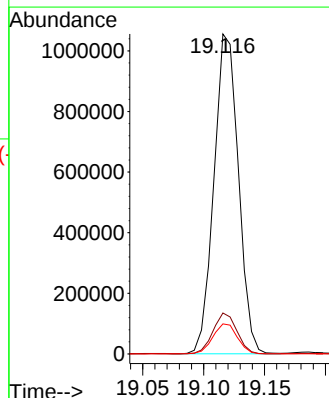
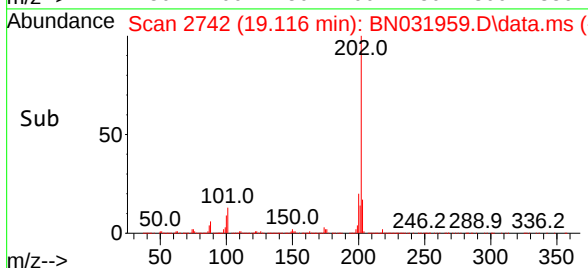
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

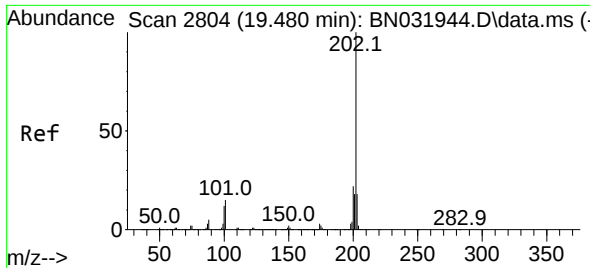


#80
 Fluoranthene
 Concen: 19.779 ng/u1
 RT: 19.116 min Scan# 2742
 Delta R.T. 0.000 min
 Lab File: BN031959.D
 Acq: 13 Jun 2024 02:31



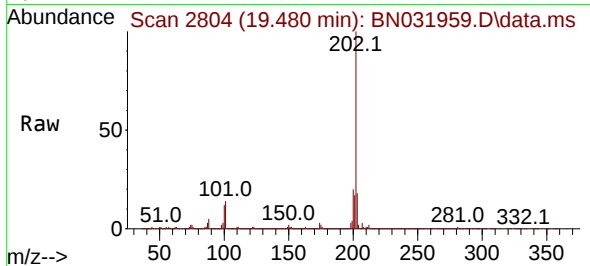
Tgt Ion:202 Resp: 1473469
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.3 15.5
 100 9.4 8.0 12.0





#82
Pyrene
Concen: 14.655 ng/ul
RT: 19.480 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31

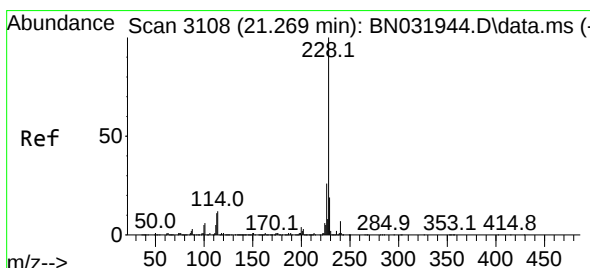
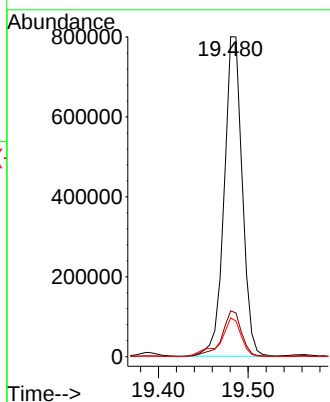
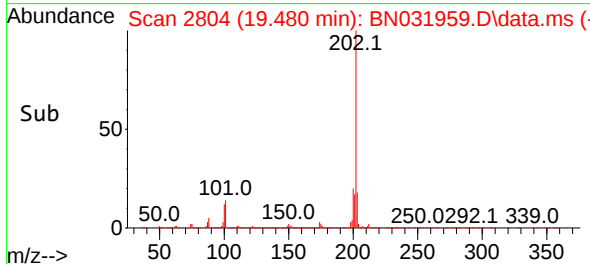
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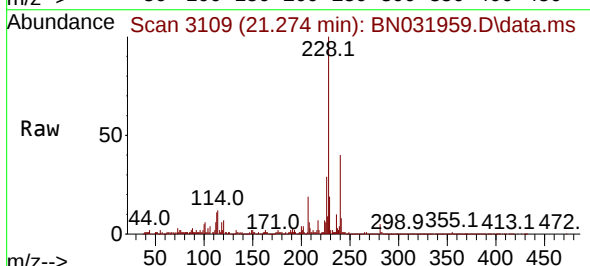
Tgt Ion:202 Resp: 1120130
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 12.1 10.2 15.2

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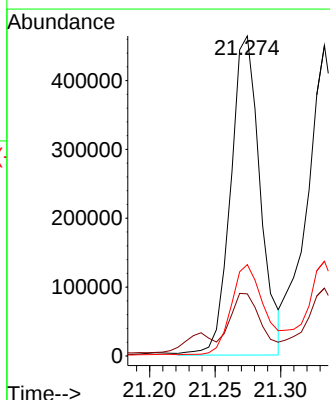
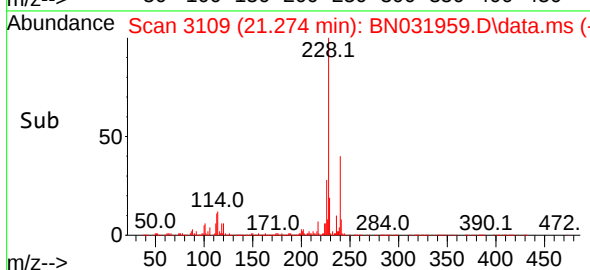
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

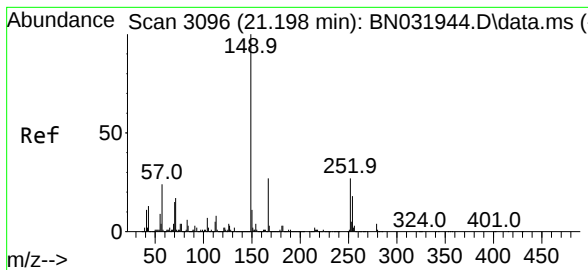


#85
Benzo(a)anthracene
Concen: 9.343 ng/ul
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31



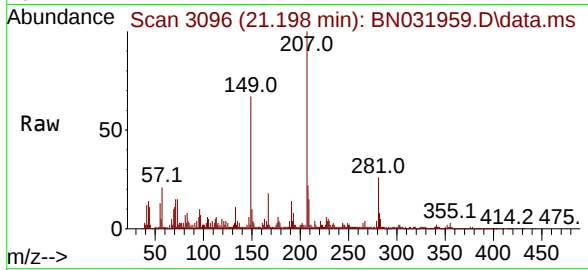
Tgt Ion:228 Resp: 728514
Ion Ratio Lower Upper
228 100
229 19.4 16.7 25.1
226 28.6 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.297 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31

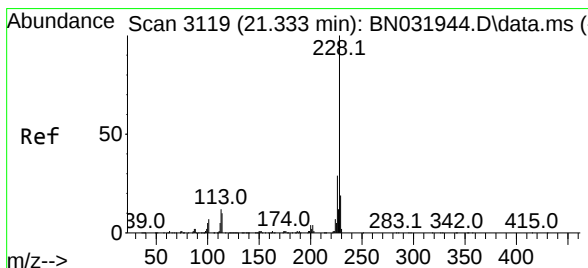
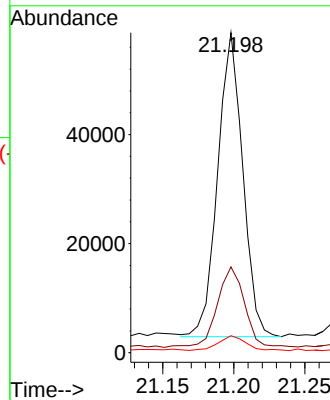
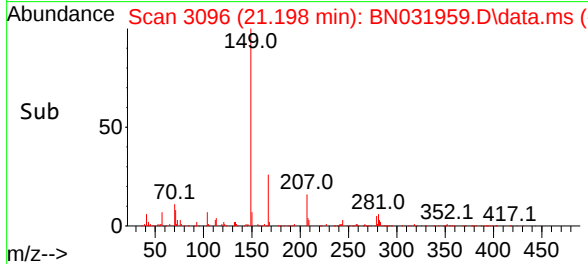
Instrument :
BNA_N
ClientSampleId :
BH674



Tgt Ion:149 Resp: 68249
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 5.3 3.3 4.9

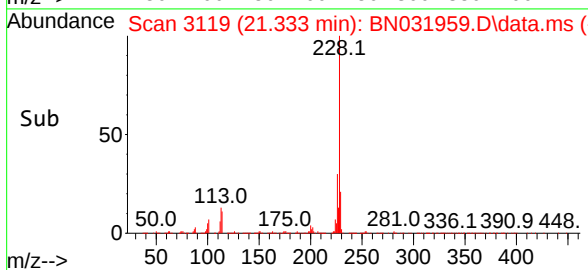
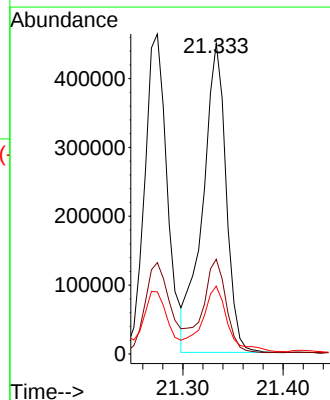
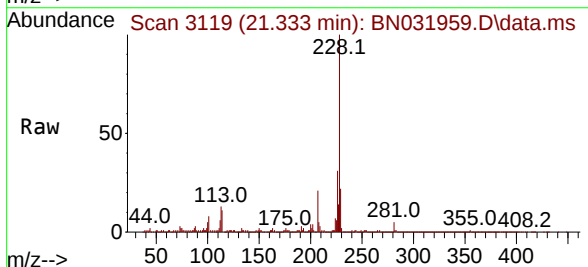
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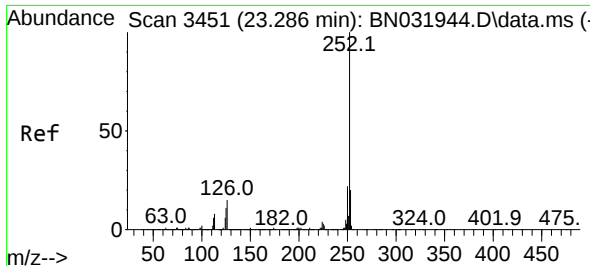
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 10.022 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31

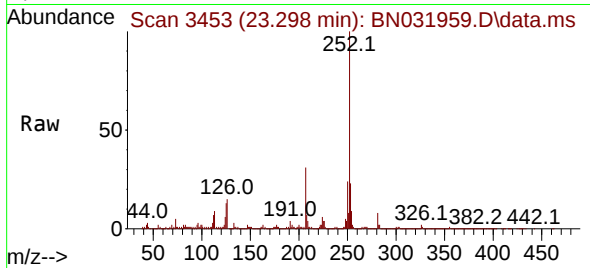
Tgt Ion:228 Resp: 729900
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 21.9 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 12.046 ng/ul
RT: 23.298 min Scan# 3451
Delta R.T. 0.006 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31

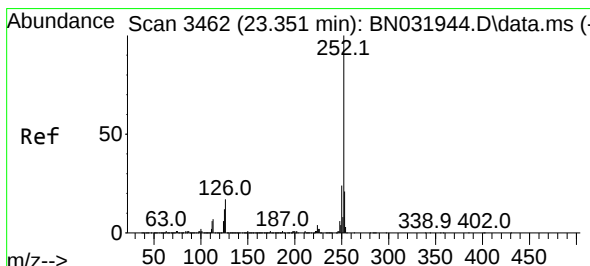
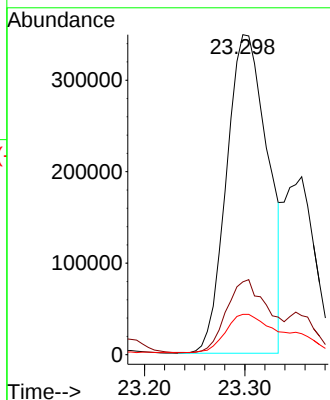
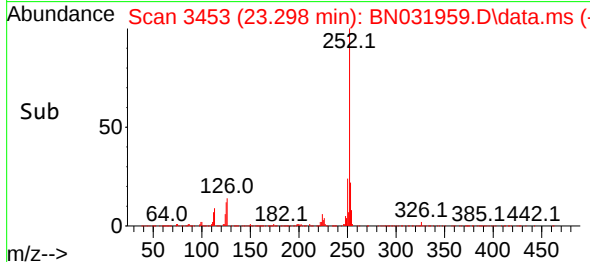
Instrument :
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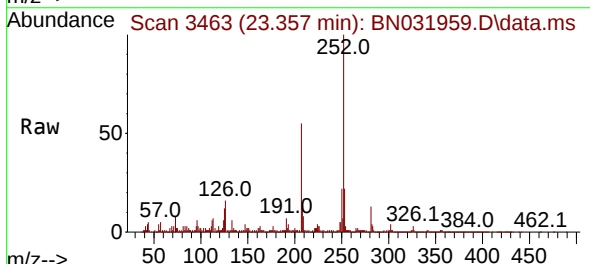
Tgt Ion:252 Resp: 993224
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.6 9.2 13.8

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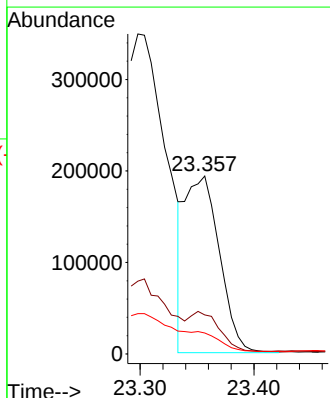
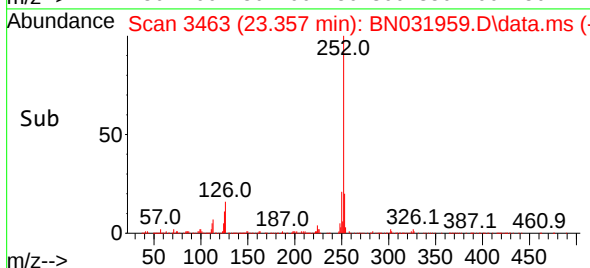
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

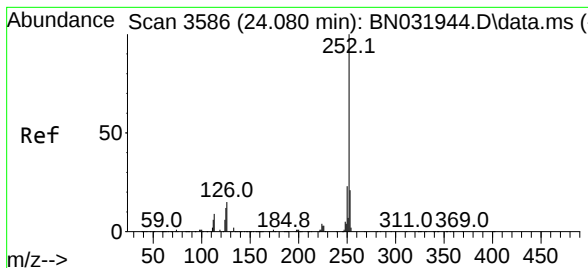


#91
Benzo(k)fluoranthene
Concen: 5.032 ng/ul m
RT: 23.357 min Scan# 3463
Delta R.T. 0.006 min
Lab File: BN031959.D
Acq: 13 Jun 2024 02:31



Tgt Ion:252 Resp: 407103
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.8 9.4 14.2





#93

Benzo(a)pyrene

Concen: 5.752 ng/ul

RT: 24.086 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN031959.D

Acq: 13 Jun 2024 02:31

Instrument :

BNA_N

ClientSampleId :

BH674

Tgt Ion:252 Resp: 444180

Ion Ratio Lower Upper

252 100

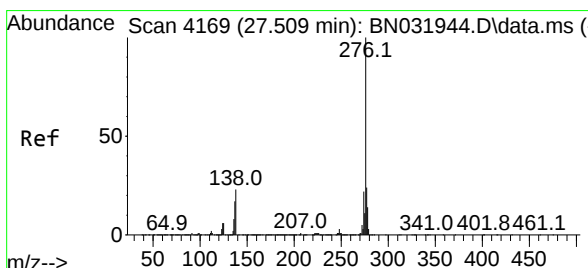
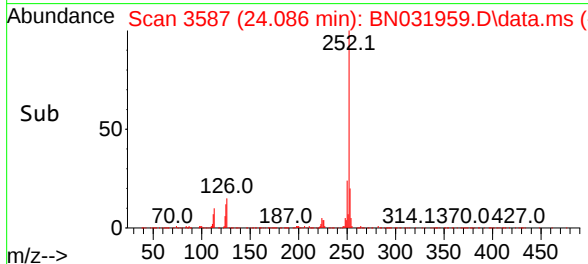
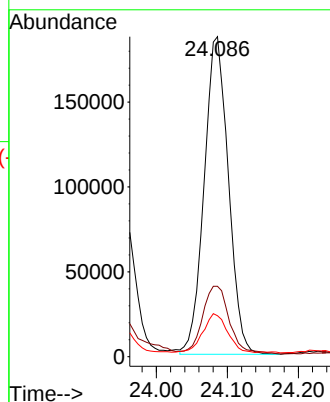
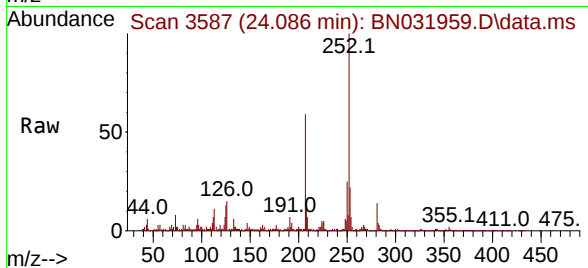
253 22.0 16.6 24.8

125 12.8 9.8 14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.605 ng/ul m

RT: 27.515 min Scan# 4170

Delta R.T. 0.000 min

Lab File: BN031959.D

Acq: 13 Jun 2024 02:31

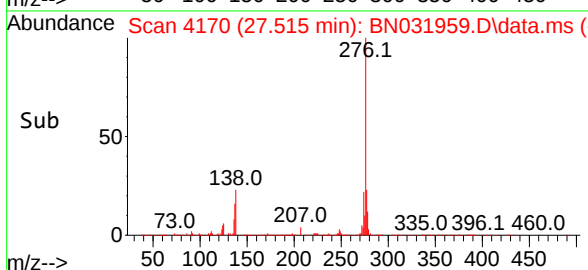
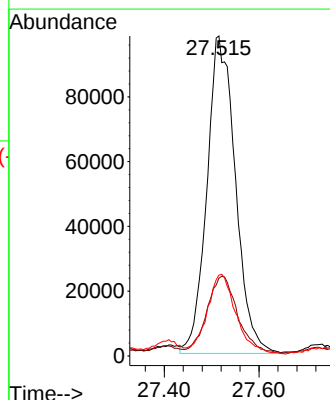
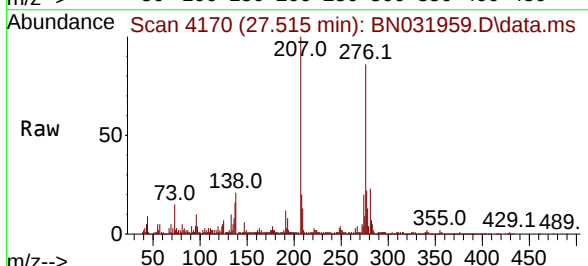
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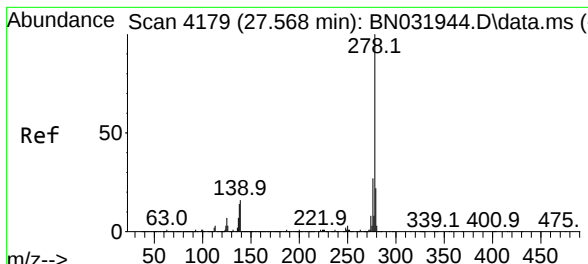
Ion Ratio Lower Upper

276 100

138 24.3 18.1 27.1

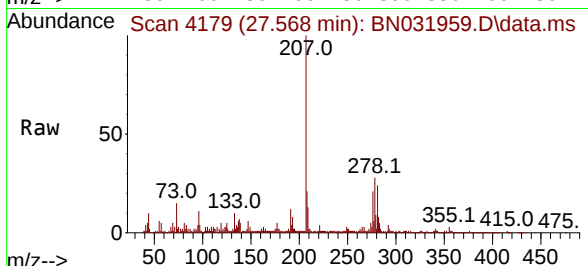
277 25.2 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.950 ng/ul
 RT: 27.568 min Scan# 4179
 Delta R.T. -0.012 min
 Lab File: BN031959.D
 Acq: 13 Jun 2024 02:31

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Tgt Ion: 278 Resp: 14165

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.6
279	31.5	17.4	26.0

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