

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022109.D
 Acq On : 14 Oct 2022 04:55
 Operator : CG/JU
 Sample : N5049-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BG4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 05:25:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	195214	20.000	ng/u1	0.00
20) Naphthalene-d8	10.786	136	910209	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	573246	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1181694	20.000	ng/u1	-0.01
79) Chrysene-d12	21.580	240	1134707	20.000	ng/u1	-0.01
88) Perylene-d12	24.044	264	1052716	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	23103	4.485	ng/uL	0.00
4) Pyridine-d5	3.722	84	14710m	0.918	ng/u1	0.03
7) Phenol-d5	7.110	99	423022	22.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	294506	24.627	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	332281	25.112	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	307222	20.259	ng/u1	-0.01
21) Nitrobenzene-d5	9.134	128	173706	26.026	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	183973	26.894	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	321033	25.001	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	320853	15.283	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	1001087	25.052	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1165664	26.122	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	119414	14.000	ng/u1	0.00
60) Fluorene-d10	15.621	176	887708	26.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	128275	19.028	ng/u1	0.00
73) Anthracene-d10	17.480	188	1310736	25.524	ng/u1	0.00
81) Pyrene-d10	19.780	212	1509071	26.712	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1366521	26.469	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.134	94	25309	1.249	ng/u1	97
16) Acetophenone	8.792	105	44437	1.834	ng/u1	99
30) Naphthalene	10.833	128	232138	4.761	ng/u1	98
36) 2-Methylnaphthalene	12.451	142	189799	5.637	ng/u1	90
37) 1-Methylnaphthalene	12.669	142	156486	4.641	ng/u1	89
50) Acenaphthylene	14.351	152	52080	1.022	ng/u1#	90
56) Dibenzofuran	15.027	168	71248	1.445	ng/u1	99
72) Phenanthrene	17.427	178	330513	5.185	ng/u1	97
74) Anthracene	17.515	178	86452	1.365	ng/u1	97
80) Fluoranthene	19.445	202	505991	7.135	ng/u1	94
82) Pyrene	19.809	202	494254	6.662	ng/u1	98
85) Benzo(a)anthracene	21.562	228	317553	4.380	ng/u1#	93
87) Chrysene	21.615	228	404633	5.807	ng/u1	95
90) Benzo(b)fluoranthene	23.292	252	628056	9.459	ng/u1	95
91) Benzo(k)fluoranthene	23.333	252	205729m	3.136	ng/u1	
93) Benzo(a)pyrene	23.939	252	353758	5.961	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.627	276	285894	3.855	ng/u1#	92
95) Dibenzo(a,h)anthracene	26.638	278	81646	1.230	ng/u1#	89
96) Benzo(g,h,i)perylene	27.427	276	256141	3.839	ng/u1	98

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

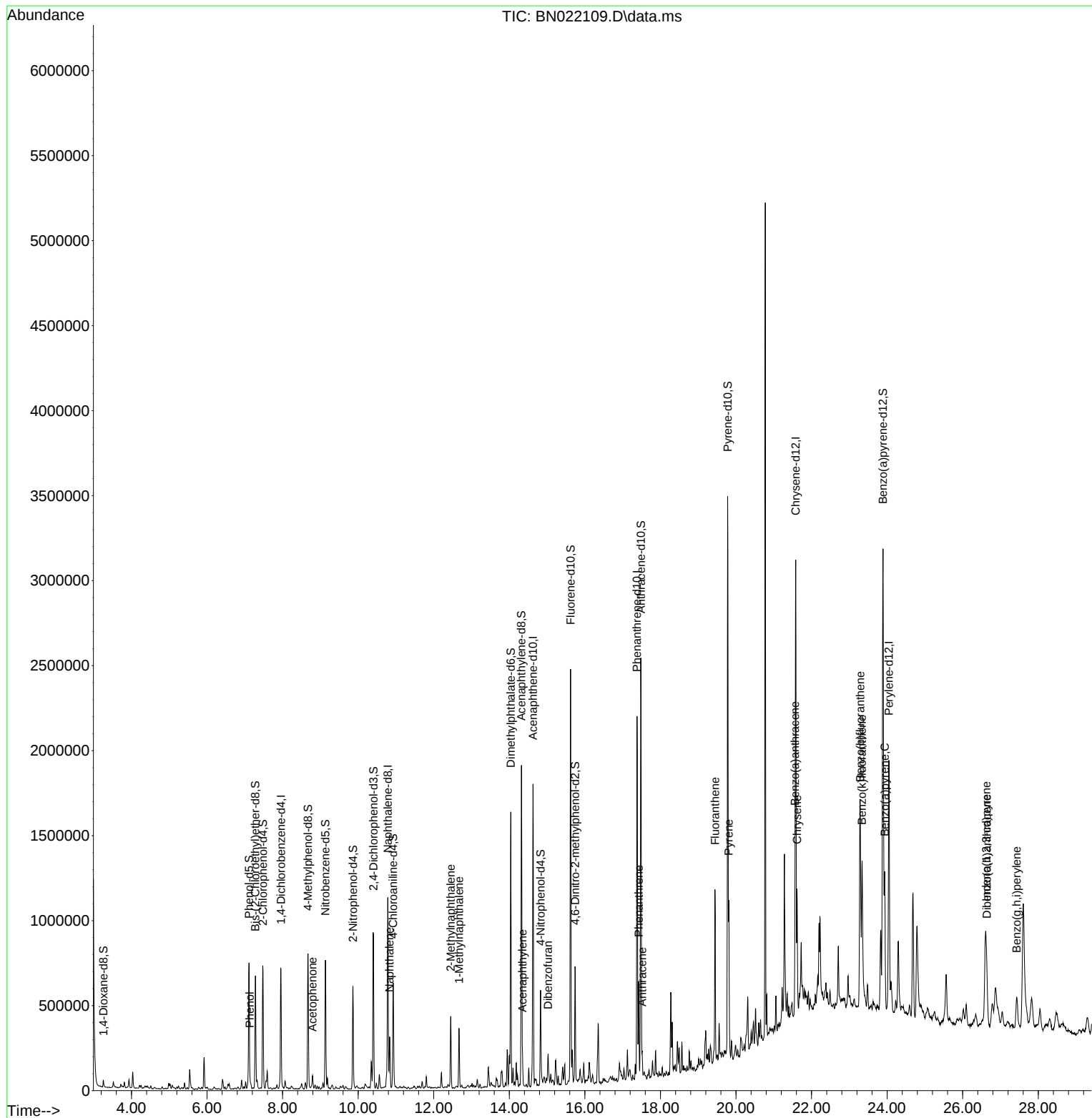
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
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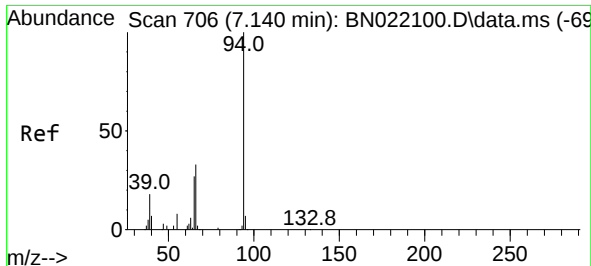
Instrument :
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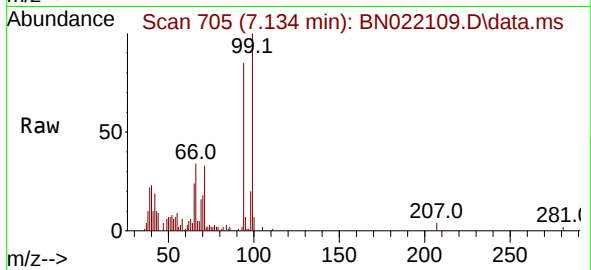
Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022





#8
Phenol
Concen: 1.249 ng/ul
RT: 7.134 min Scan# 706
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

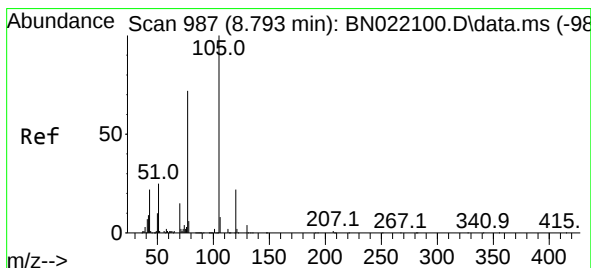
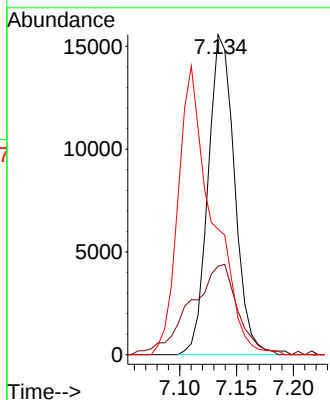
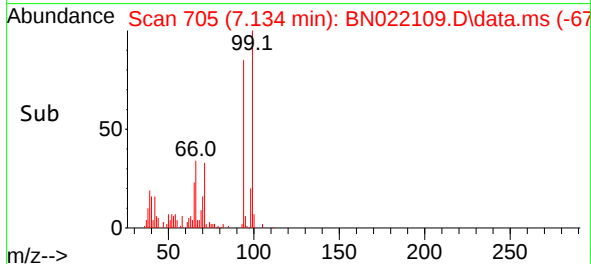
Instrument :
BNA_N
ClientSampleId :
C0BG4



Tgt Ion: 94 Resp: 25309
Ion Ratio Lower Upper
94 100
65 27.6 22.1 33.1
66 39.3 29.0 43.6

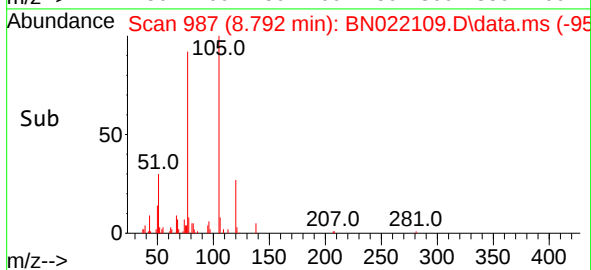
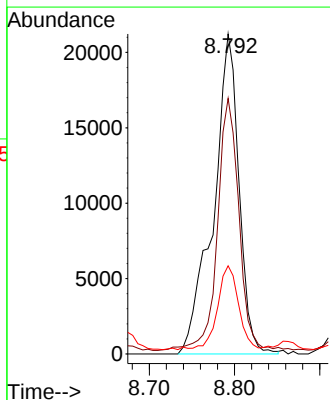
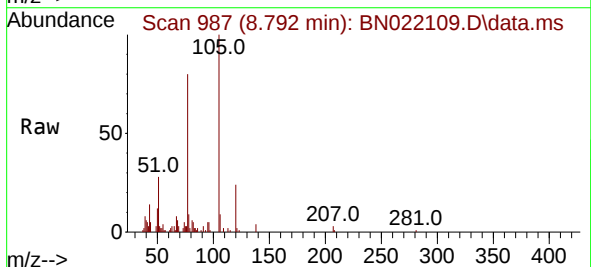
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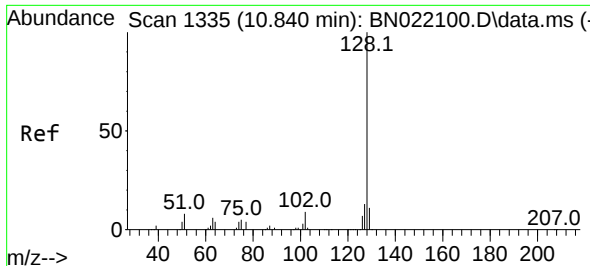
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Acetophenone
Concen: 1.834 ng/ul
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

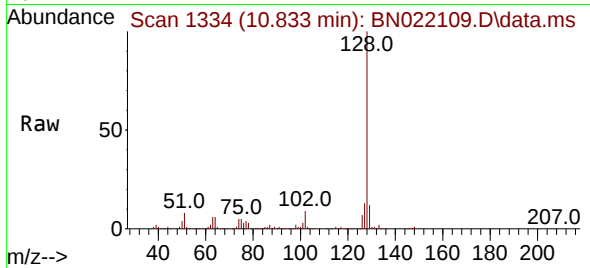
Tgt Ion:105 Resp: 44437
Ion Ratio Lower Upper
105 100
77 79.8 64.9 97.3
51 27.5 21.8 32.6





#30
Naphthalene
Concen: 4.761 ng/ul
RT: 10.833 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

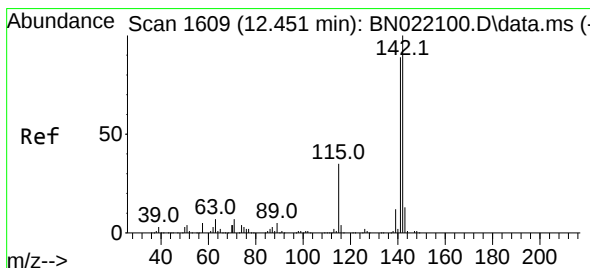
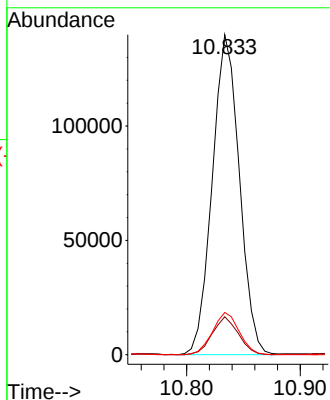
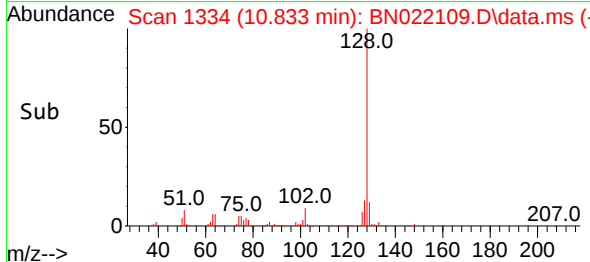
Instrument :
BNA_N
ClientSampleId :
C0BG4



Tgt Ion:128 Resp: 232138
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 13.2 10.8 16.2

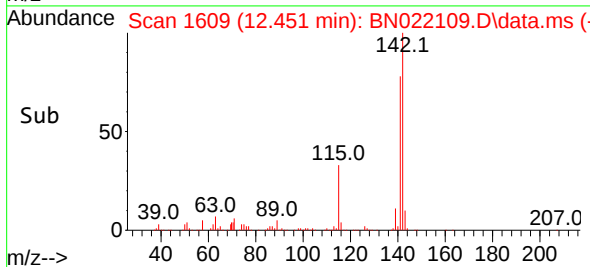
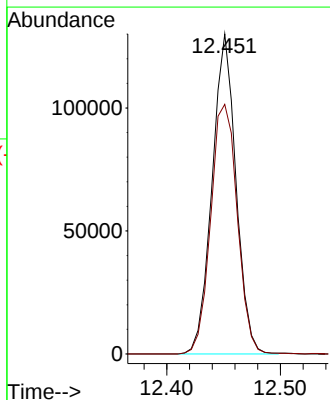
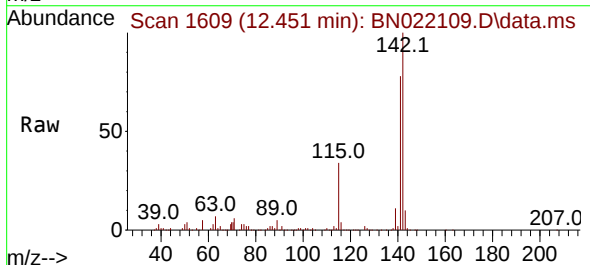
Manual Integrations
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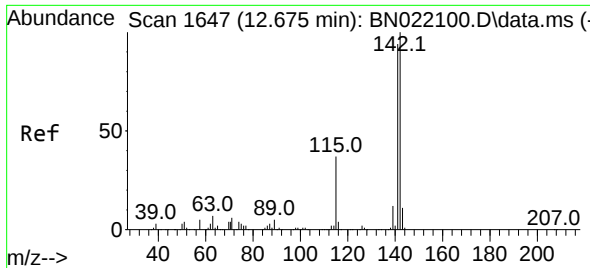
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#36
2-Methylnaphthalene
Concen: 5.637 ng/ul
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

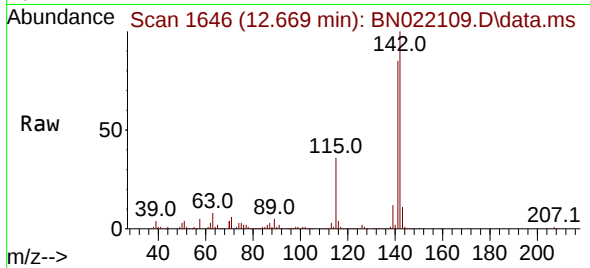
Tgt Ion:142 Resp: 189799
Ion Ratio Lower Upper
142 100
141 78.0 69.7 104.5





#37
1-Methylnaphthalene
Concen: 4.641 ng/ul
RT: 12.669 min Scan# 110
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

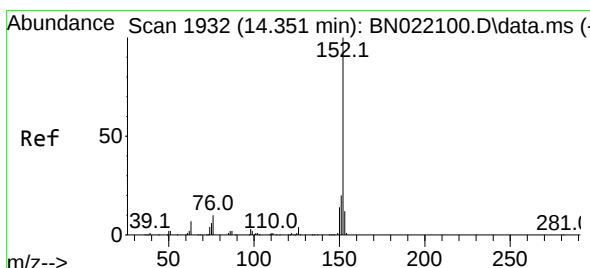
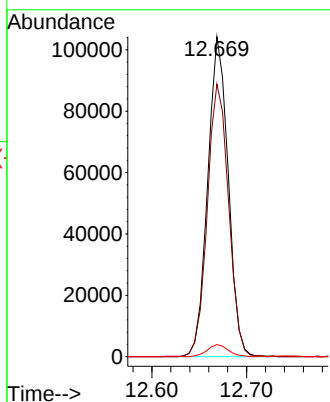
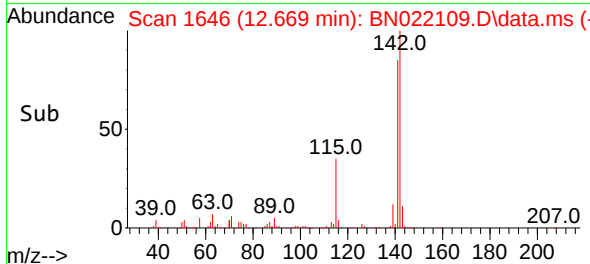
Instrument :
BNA_N
ClientSampleId :
C0BG4



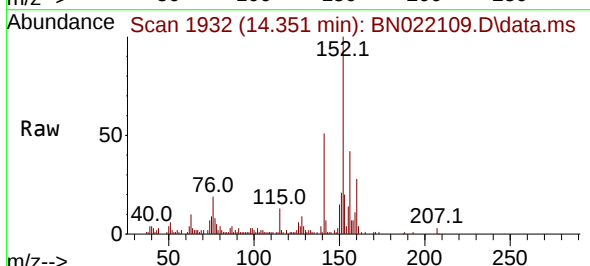
Tgt Ion:142 Resp: 156480
Ion Ratio Lower Upper
142 100
141 85.2 76.7 115.1
116 3.8 3.1 4.7

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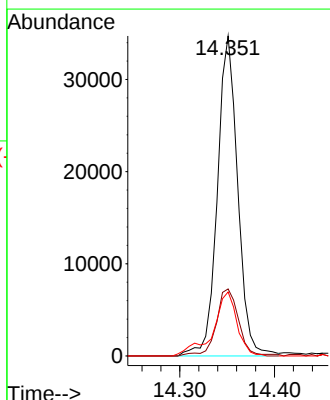
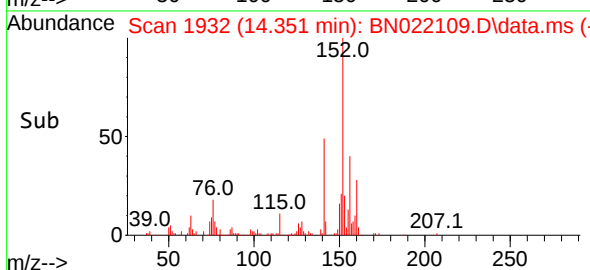
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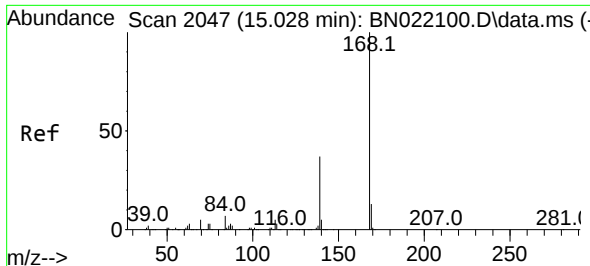


#50
Acenaphthylene
Concen: 1.022 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55



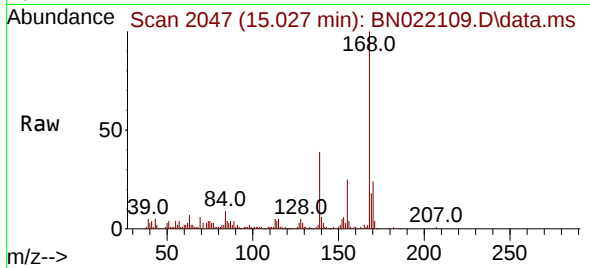
Tgt Ion:152 Resp: 52080
Ion Ratio Lower Upper
152 100
151 21.0 15.5 23.3
153 20.0 9.8 14.8#





#56
Dibenzenofuran
Concen: 1.445 ng/ul
RT: 15.027 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

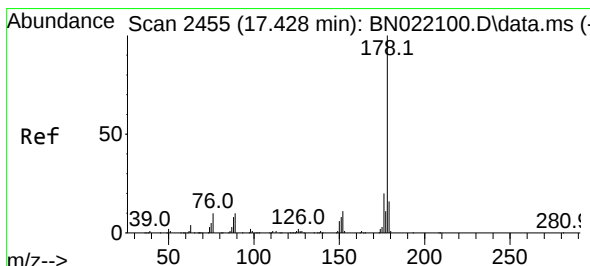
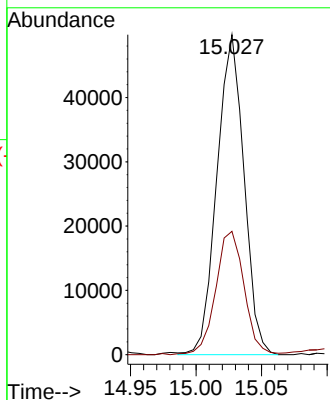
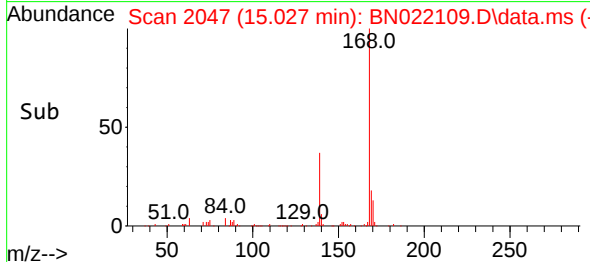
Instrument :
BNA_N
ClientSampleId :
C0BG4



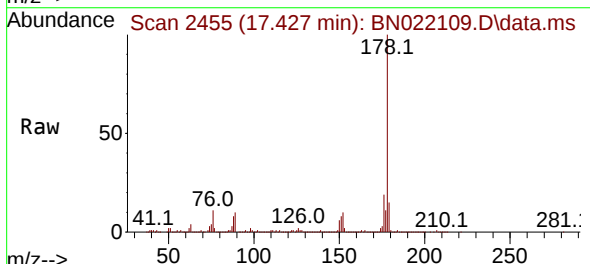
Tgt Ion:168 Resp: 71248
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8

Manual Integrations
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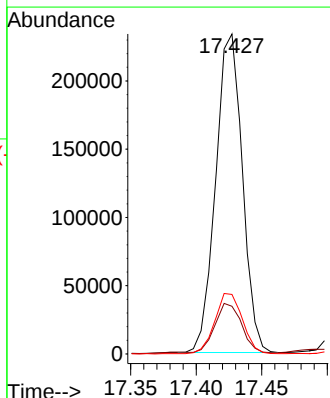
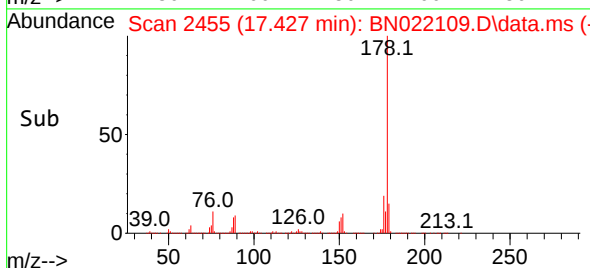
Reviewed By :Jagrut Upadhyay 10/14/2022
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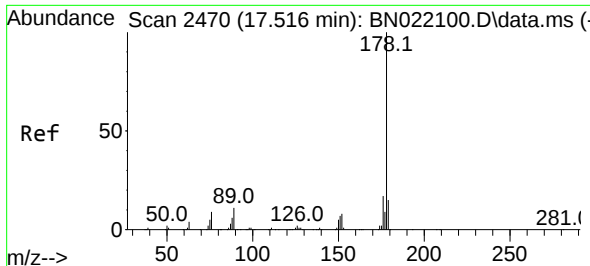


#72
Phenanthrene
Concen: 5.185 ng/ul
RT: 17.427 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55



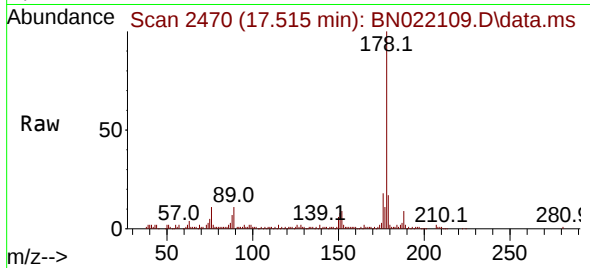
Tgt Ion:178 Resp: 330513
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.6 16.5 24.7





#74
 Anthracene
 Concen: 1.365 ng/ul
 RT: 17.515 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BN022109.D
 Acq: 14 Oct 2022 04:55

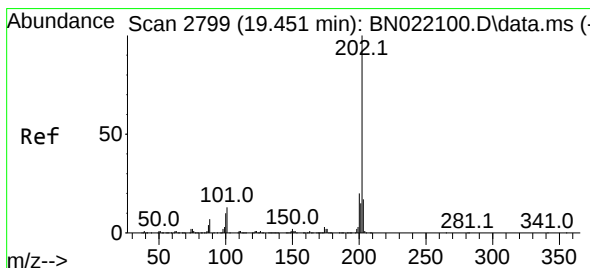
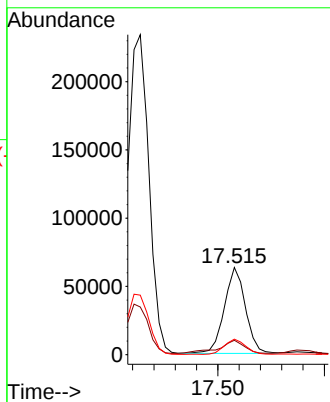
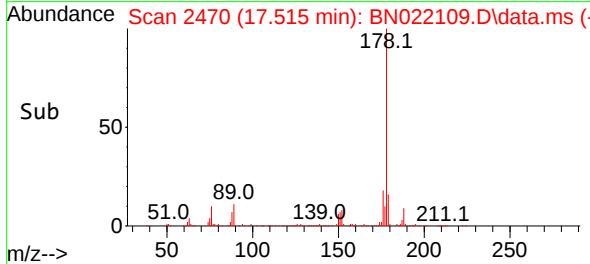
Instrument :
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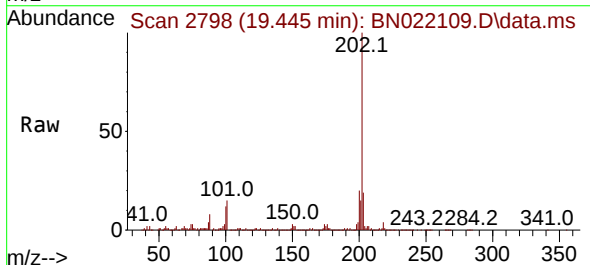
Tgt Ion:178 Resp: 86452
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.6
 176 17.8 15.8 23.6

Manual Integrations
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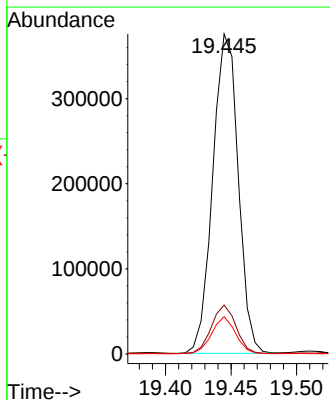
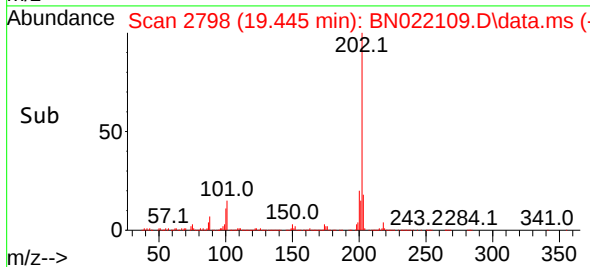
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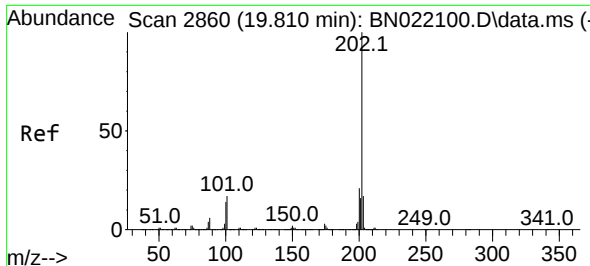


#80
 Fluoranthene
 Concen: 7.135 ng/ul
 RT: 19.445 min Scan# 2798
 Delta R.T. -0.012 min
 Lab File: BN022109.D
 Acq: 14 Oct 2022 04:55



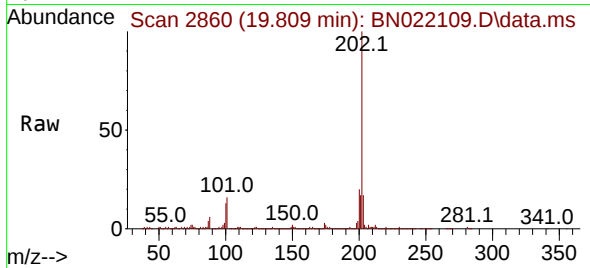
Tgt Ion:202 Resp: 505991
 Ion Ratio Lower Upper
 202 100
 101 15.3 10.3 15.5
 100 11.6 7.8 11.8





#82
 Pyrene
 Concen: 6.662 ng/u1
 RT: 19.809 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN022109.D
 Acq: 14 Oct 2022 04:55

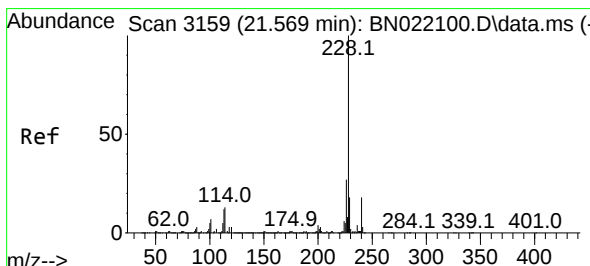
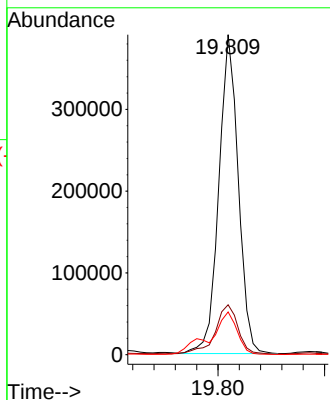
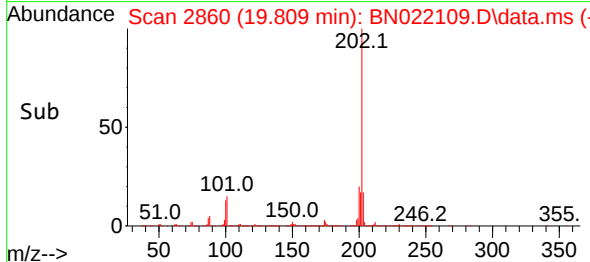
Instrument :
 BNA_N
 ClientSampleId :
 C0BG4



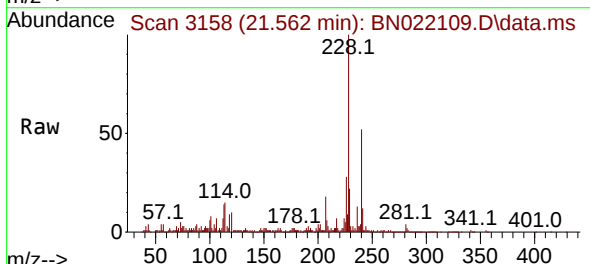
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 Ion Ratio Lower Upper
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 101 15.6 13.4 20.0
 100 13.3 10.9 16.3

Manual Integrations
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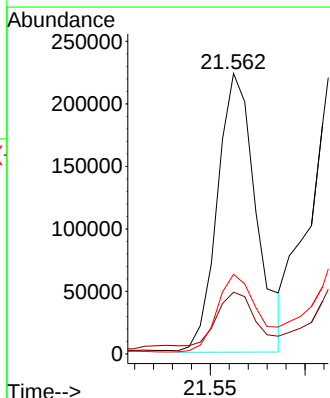
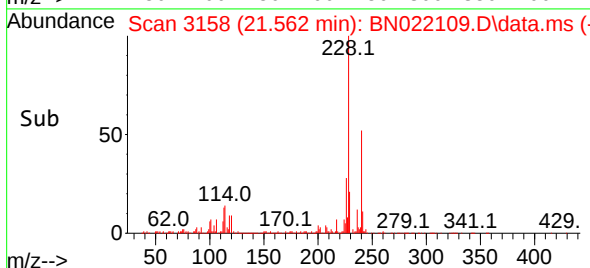
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 Supervised By :mohammad ahmed 10/16/2022

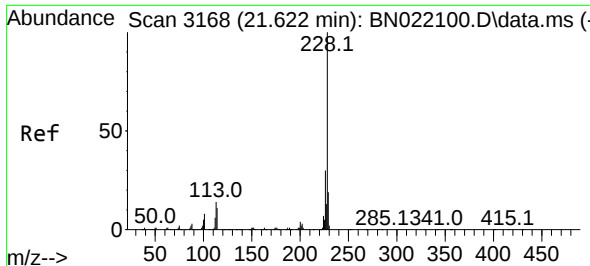


#85
 Benzo(a)anthracene
 Concen: 4.380 ng/u1
 RT: 21.562 min Scan# 3158
 Delta R.T. -0.012 min
 Lab File: BN022109.D
 Acq: 14 Oct 2022 04:55



Tgt Ion:228 Resp: 317553
 Ion Ratio Lower Upper
 228 100
 229 22.0 13.5 20.3#
 226 28.4 21.0 31.6





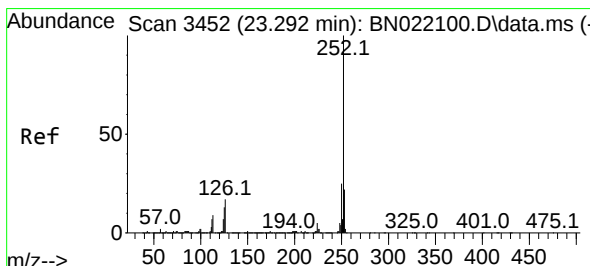
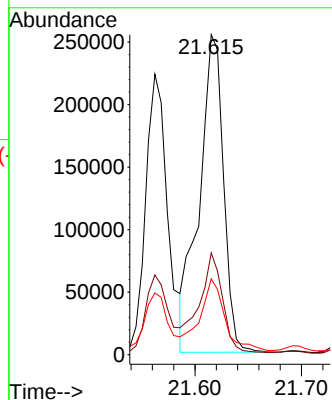
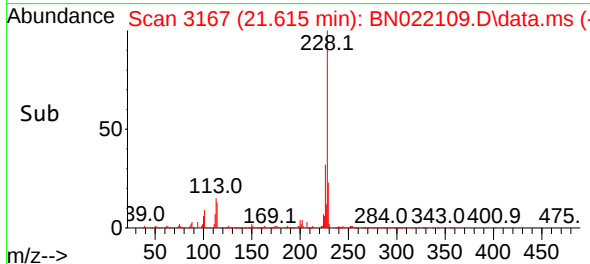
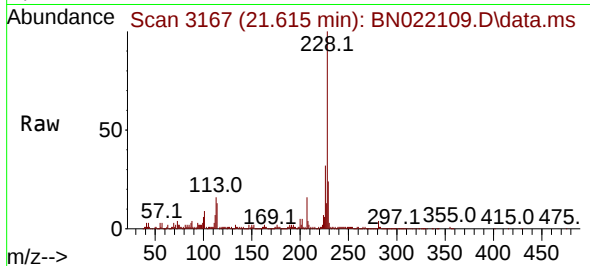
#87
Chrysene
Concen: 5.807 ng/u1
RT: 21.615 min Scan# 3167
Delta R.T. -0.012 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

Instrument :
BNA_N
ClientSampleId :
C0BG4

Tgt Ion:228 Resp: 40463
Ion Ratio Lower Upper
228 100
226 31.8 23.8 35.8
229 23.7 16.5 24.7

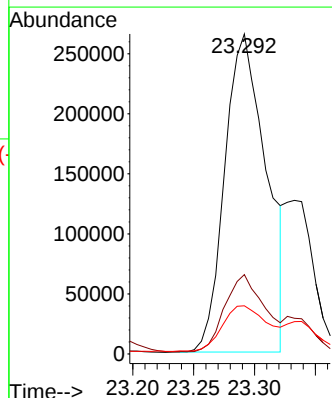
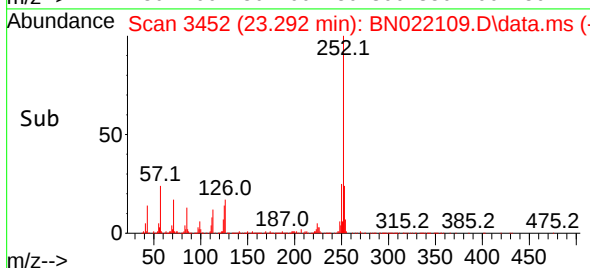
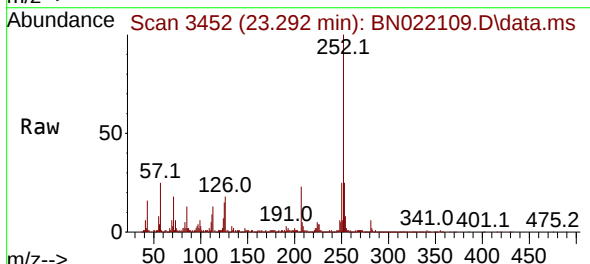
Manual Integrations
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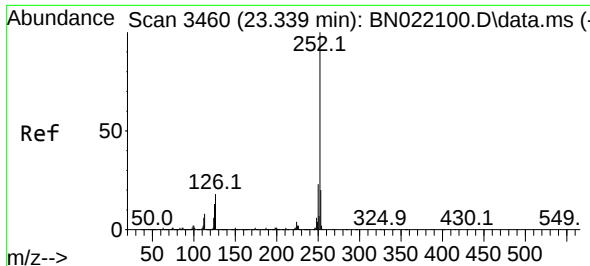
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#90
Benzo(b)fluoranthene
Concen: 9.459 ng/u1
RT: 23.292 min Scan# 3452
Delta R.T. -0.006 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

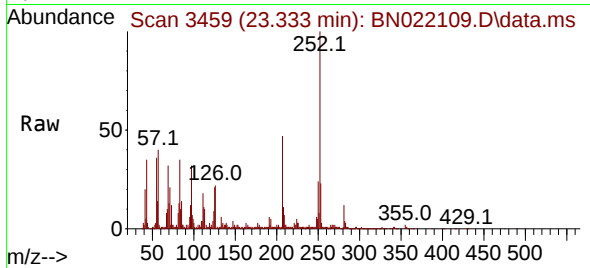
Tgt Ion:252 Resp: 628056
Ion Ratio Lower Upper
252 100
253 24.8 17.6 26.4
125 15.1 10.7 16.1





#91
Benzo(k)fluoranthene
Concen: 3.136 ng/ul m
RT: 23.333 min Scan# 3460
Delta R.T. -0.018 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55

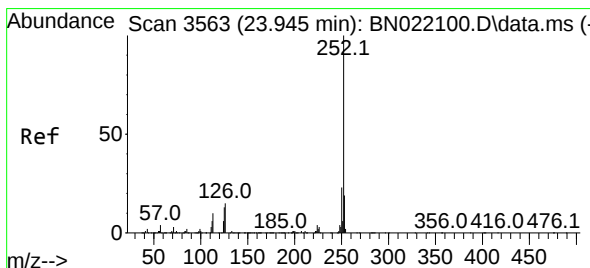
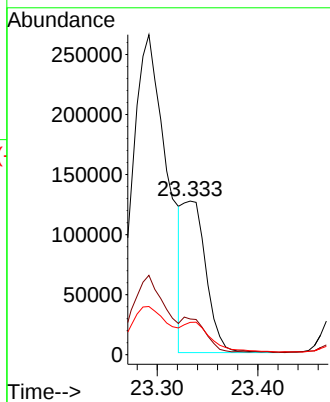
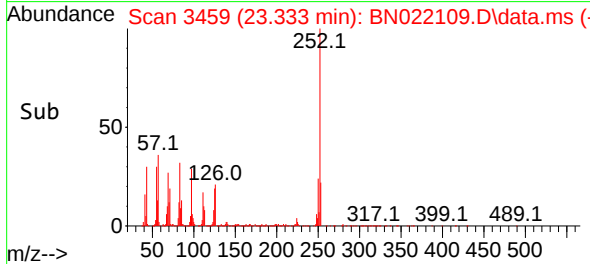
Instrument :
BNA_N
ClientSampleId :
C0BG4



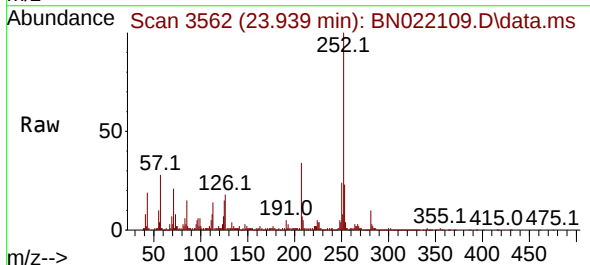
Tgt Ion:252 Resp: 205729
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 21.1 10.6 15.8

Manual Integrations
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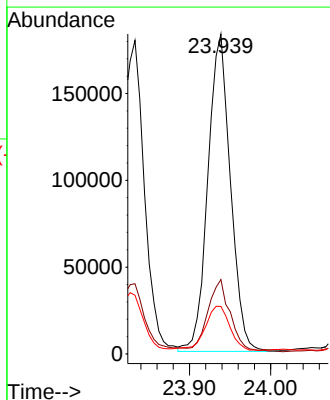
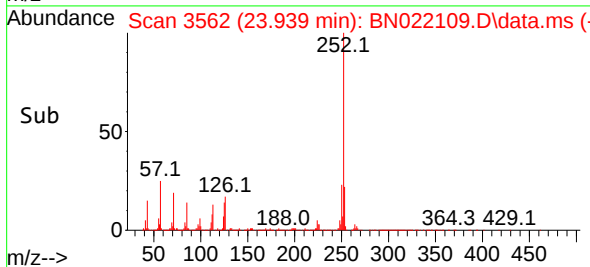
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

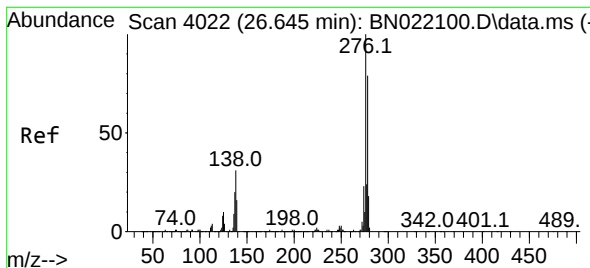


#93
Benzo(a)pyrene
Concen: 5.961 ng/ul
RT: 23.939 min Scan# 3562
Delta R.T. -0.012 min
Lab File: BN022109.D
Acq: 14 Oct 2022 04:55



Tgt Ion:252 Resp: 353758
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 14.8 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.855 ng/ul

RT: 26.627 min Scan# 4019

Delta R.T. -0.036 min

Lab File: BN022109.D

Acq: 14 Oct 2022 04:55

Instrument :

BNA_N

ClientSampleId :

C0BG4

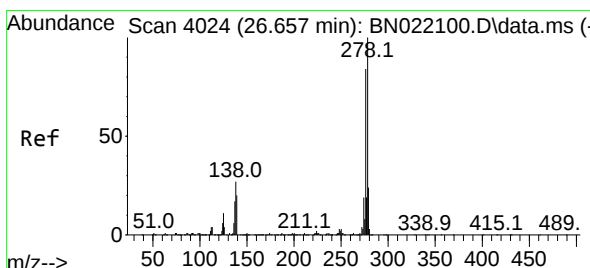
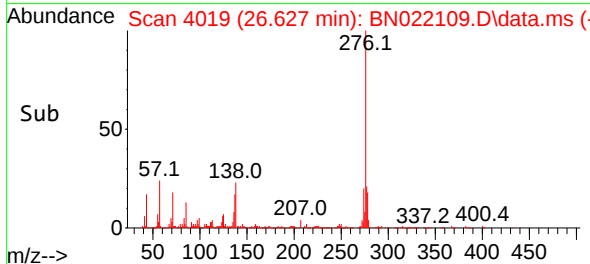
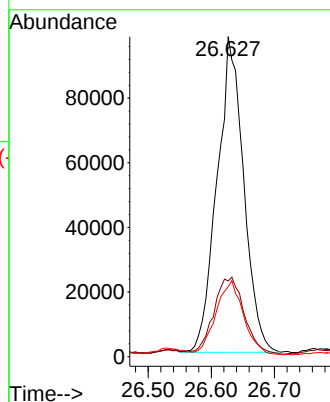
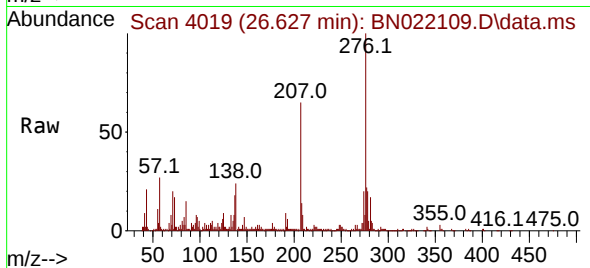
Tgt Ion: 276 Resp: 285894

Ion	Ratio	Lower	Upper
276	100		
138	23.6	24.6	36.8
277	21.8	18.4	27.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.230 ng/ul

RT: 26.638 min Scan# 4021

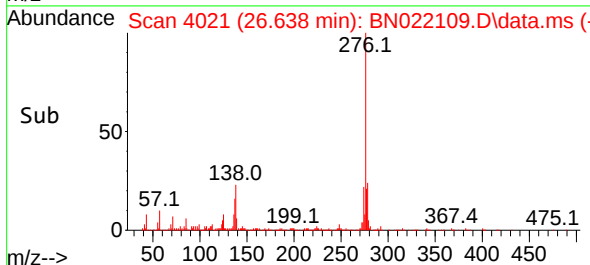
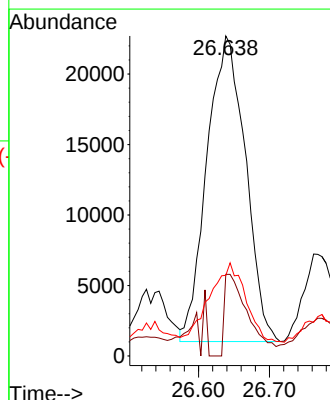
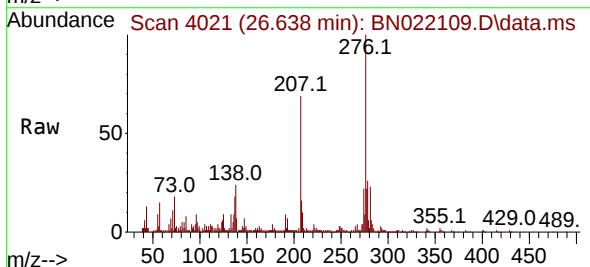
Delta R.T. -0.036 min

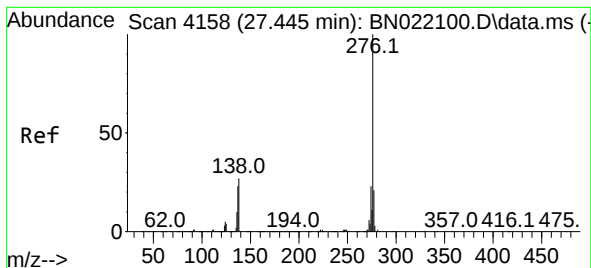
Lab File: BN022109.D

Acq: 14 Oct 2022 04:55

Tgt Ion: 278 Resp: 81646

Ion	Ratio	Lower	Upper
278	100		
139	25.5	15.7	23.5
279	25.2	16.5	24.7





#96

Benzo(g,h,i)perylene

Concen: 3.839 ng/ul

RT: 27.427 min Scan# 41

Delta R.T. -0.030 min

Lab File: BN022109.D

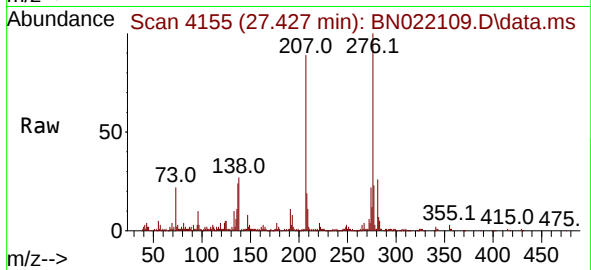
Acq: 14 Oct 2022 04:55

Instrument :

BNA_N

ClientSampleId :

C0BG4



Tgt Ion:276 Resp: 25614

Ion Ratio Lower Upper

276 100

138 27.4 21.2 31.8

277 23.2 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022

Supervised By :mohammad ahmed 10/16/2022

