

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022112.D
 Acq On : 14 Oct 2022 06:46
 Operator : CG/JU
 Sample : N5049-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BJ5

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 07:15:40 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	7.952	152	178986	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	827483	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.628	164	517158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1076639	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	934412	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	854185	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19951	4.225	ng/uL	0.00
4) Pyridine-d5	3.717	84	15636m	1.064	ng/u1	0.02
7) Phenol-d5	7.105	99	383301	21.906	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.281	67	267677	24.413	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	313154	25.812	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	286684	20.619	ng/u1	-0.01
21) Nitrobenzene-d5	9.134	128	167283	27.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	183521	29.509	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	304522	26.086	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	308703	16.175	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	928852	25.766	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	1072754	26.648	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	105513	13.712	ng/u1	0.00
60) Fluorene-d10	15.622	176	824982	27.132	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	102408	16.673	ng/u1	0.00
73) Anthracene-d10	17.486	188	1239834	26.499	ng/u1	0.00
81) Pyrene-d10	19.786	212	1397843	30.047	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1213413	28.966	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.134	94	22402	1.206	ng/u1	94
16) Acetophenone	8.793	105	25671	1.156	ng/u1	97
30) Naphthalene	10.834	128	44786	1.010	ng/u1	97
50) Acenaphthylene	14.351	152	224053	4.874	ng/u1	97
52) Acenaphthene	14.693	153	76898	2.359	ng/u1	98
56) Dibenzofuran	15.028	168	138413	3.111	ng/u1	97
61) Fluorene	15.675	166	187042	5.230	ng/u1	97
72) Phenanthrene	17.428	178	3178108	54.721	ng/u1	98
74) Anthracene	17.516	178	689956	11.960	ng/u1	97
77) Carbazole	17.792	167	303001	5.679	ng/u1	99
80) Fluoranthene	19.451	202	4189495	71.740	ng/u1	96
82) Pyrene	19.816	202	3314453	54.250	ng/u1	100
85) Benzo(a)anthracene	21.569	228	1855369	31.075	ng/u1	96
87) Chrysene	21.622	228	1651729	28.787	ng/u1	98
90) Benzo(b)fluoranthene	23.304	252	1811693	33.628	ng/u1	98
91) Benzo(k)fluoranthene	23.339	252	913788m	17.168	ng/u1	
93) Benzo(a)pyrene	23.939	252	1266299	26.299	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.639	276	785713	13.055	ng/u1	95
95) Dibenzo(a,h)anthracene	26.651	278	201308	3.739	ng/u1	94
96) Benzo(g,h,i)perylene	27.445	276	573587	10.594	ng/u1	99

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

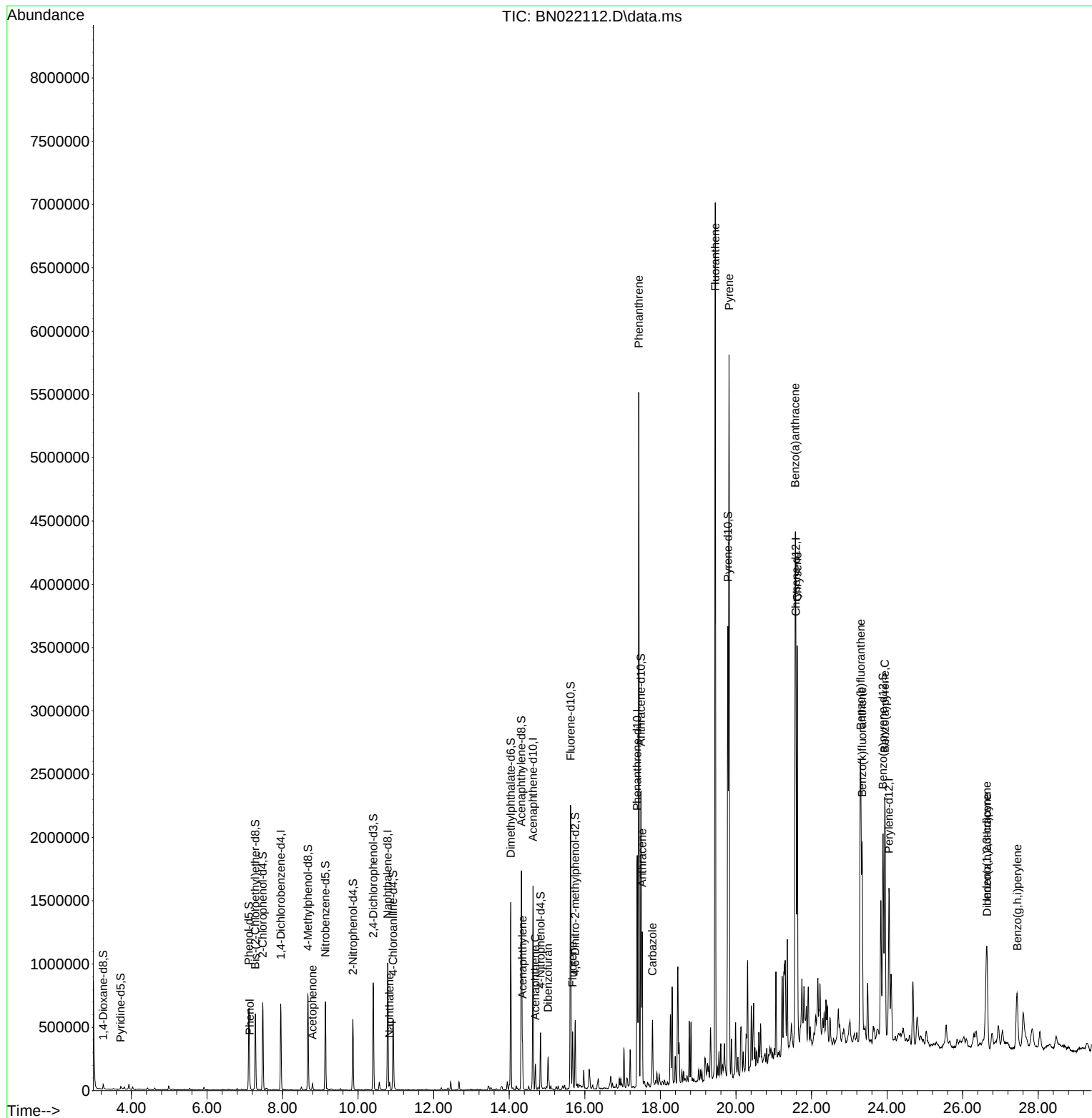
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022112.D
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 Operator : CG/JU
 Sample : N5049-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

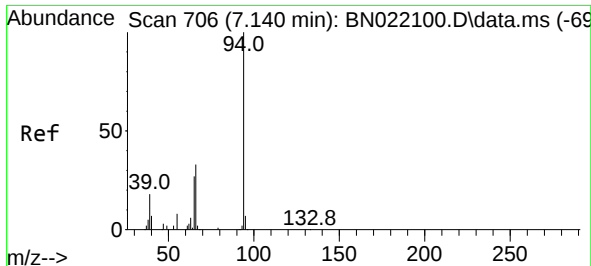
Instrument :
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 Supervised By :mohammad ahmed 10/16/2022

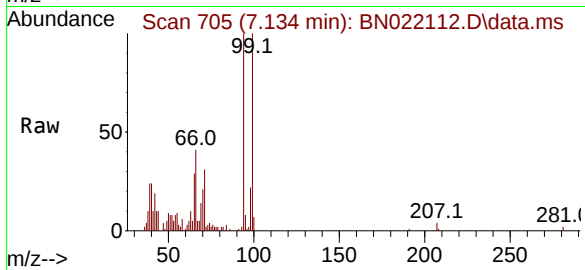
Quant Time: Oct 14 07:15:40 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 1.206 ng/ul
RT: 7.134 min Scan# 706
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

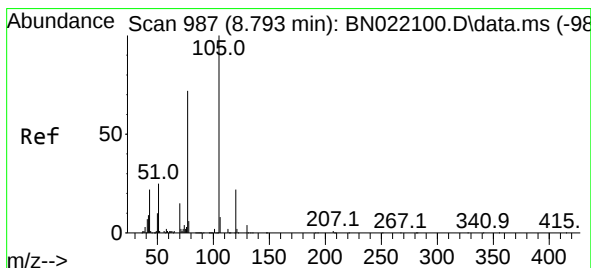
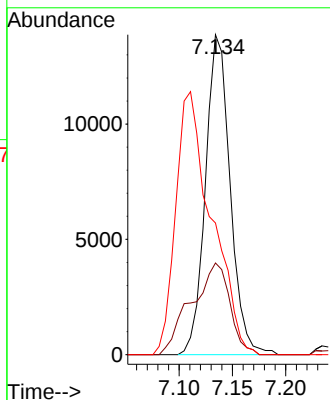
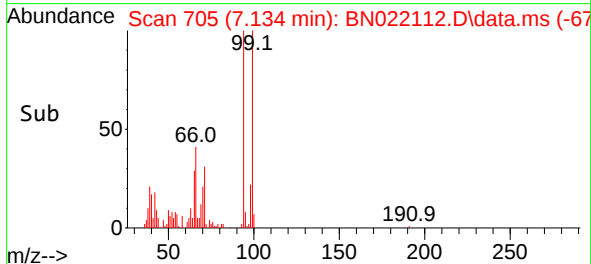
Instrument :
BNA_N
ClientSampleId :
C0BJ5



Tgt Ion: 94 Resp: 2240
Ion Ratio Lower Upper
94 100
65 28.7 22.1 33.1
66 41.2 29.0 43.6

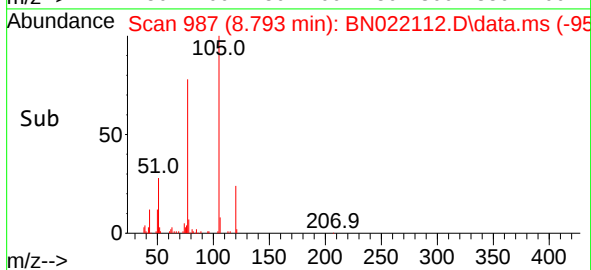
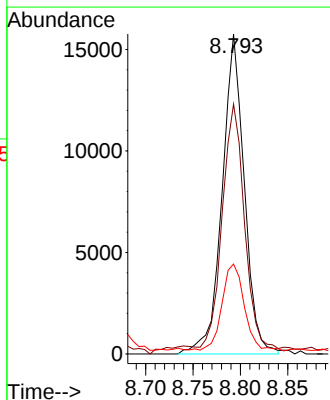
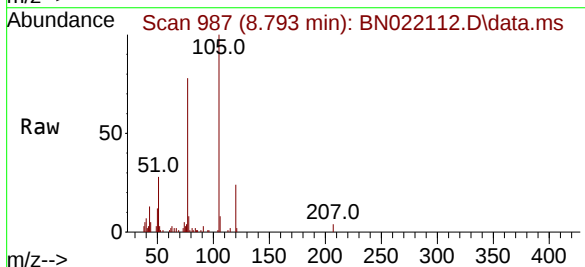
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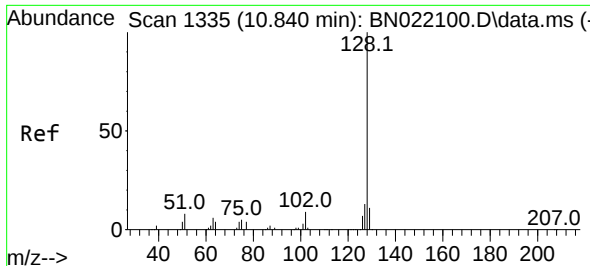
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Acetophenone
Concen: 1.156 ng/ul
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

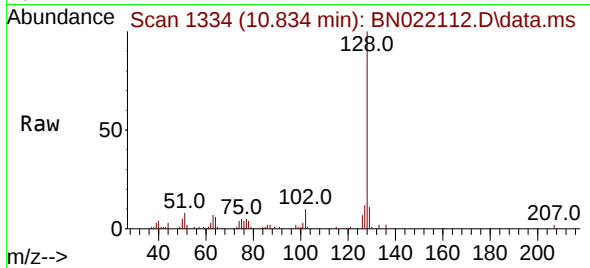
Tgt Ion:105 Resp: 25671
Ion Ratio Lower Upper
105 100
77 78.1 64.9 97.3
51 28.1 21.8 32.6





#30
Naphthalene
Concen: 1.010 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

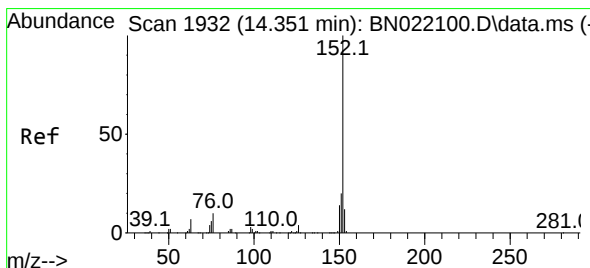
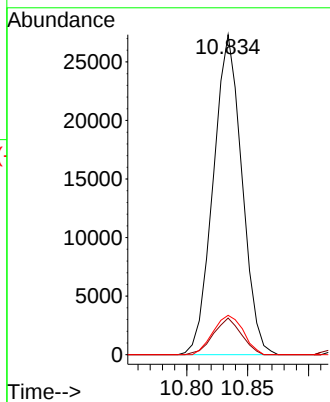
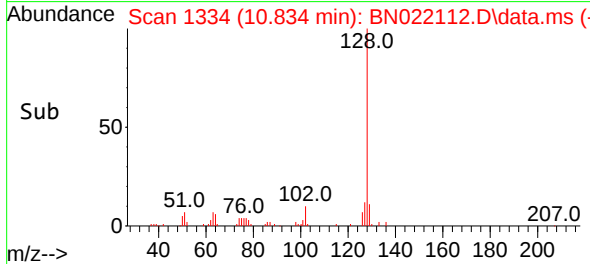
Instrument :
BNA_N
ClientSampleId :
C0BJ5



Tgt Ion:128 Resp: 44780
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.3 10.8 16.2

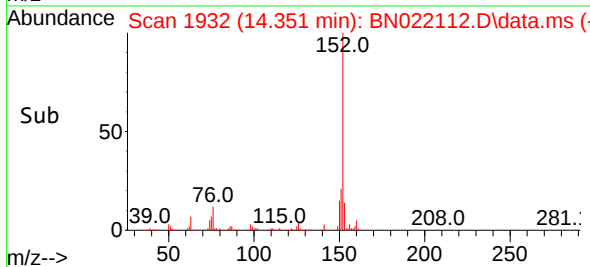
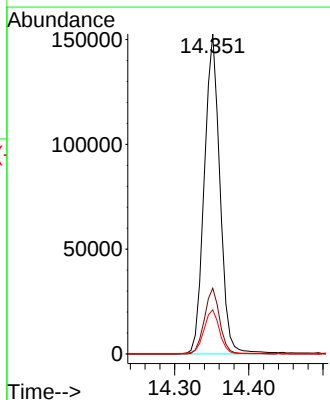
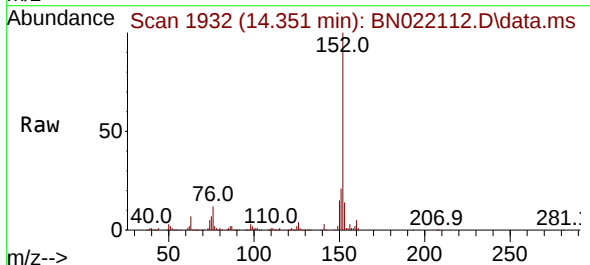
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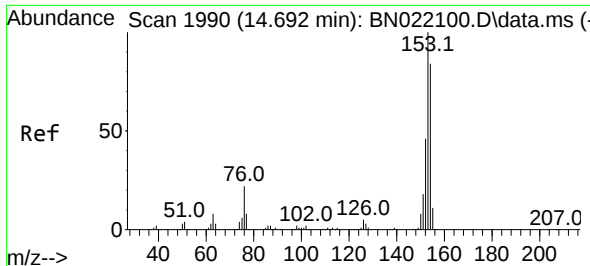
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#50
Acenaphthylene
Concen: 4.874 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

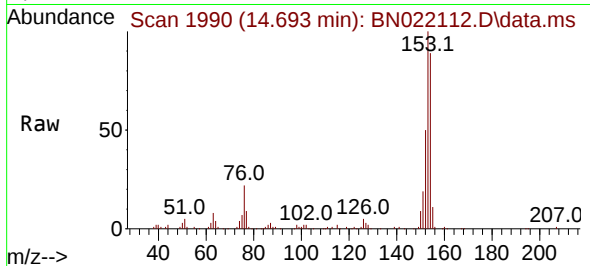
Tgt Ion:152 Resp: 224053
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.8 9.8 14.8





#52
Acenaphthene
Concen: 2.359 ng/u1
RT: 14.693 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

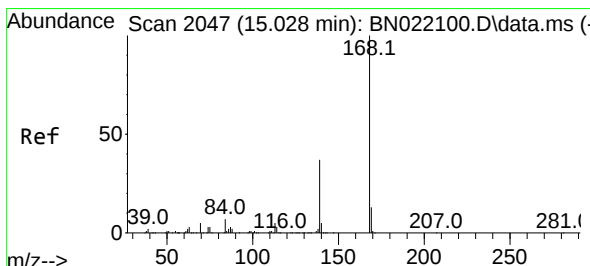
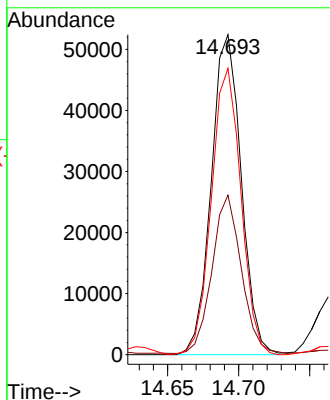
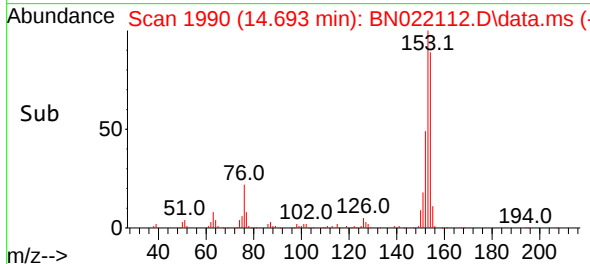
Instrument :
BNA_N
ClientSampleId :
C0BJ5



Tgt Ion:153 Resp: 76898
Ion Ratio Lower Upper
153 100
152 49.9 38.0 57.0
154 89.5 71.1 106.7

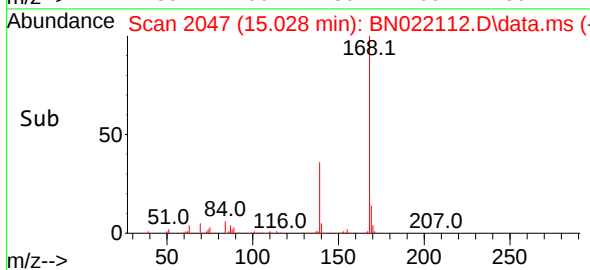
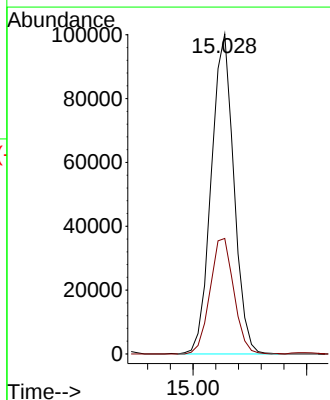
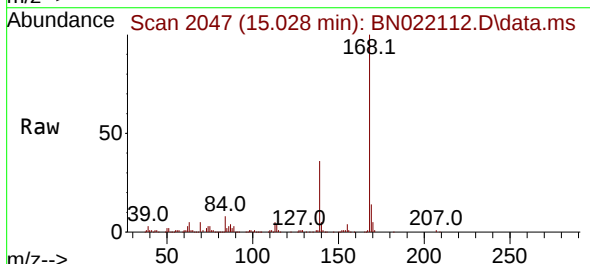
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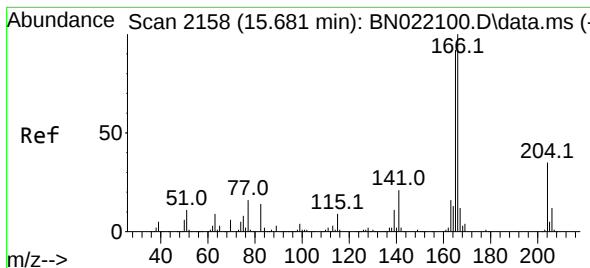
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#56
Dibenzofuran
Concen: 3.111 ng/u1
RT: 15.028 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

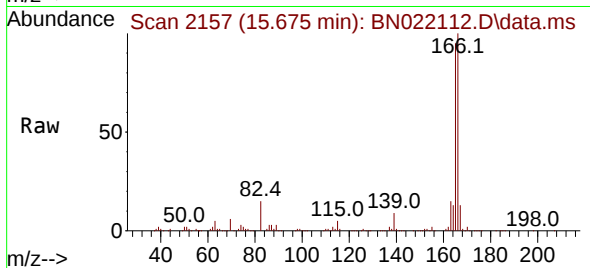
Tgt Ion:168 Resp: 138413
Ion Ratio Lower Upper
168 100
139 36.1 30.6 45.8





#61
Fluorene
Concen: 5.230 ng/ul
RT: 15.675 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

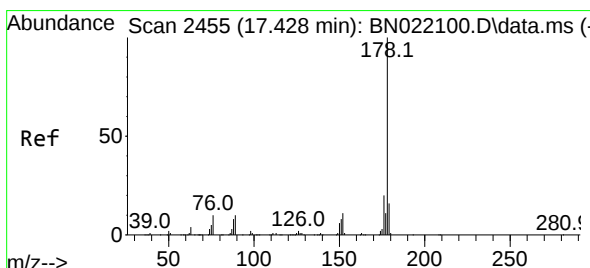
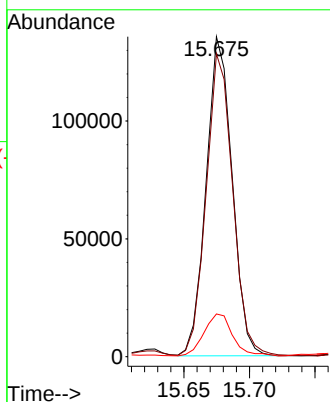
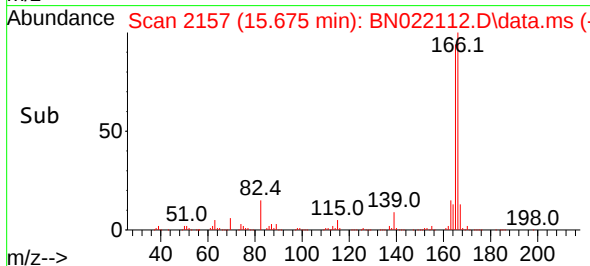
Instrument :
BNA_N
ClientSampleId :
C0BJ5



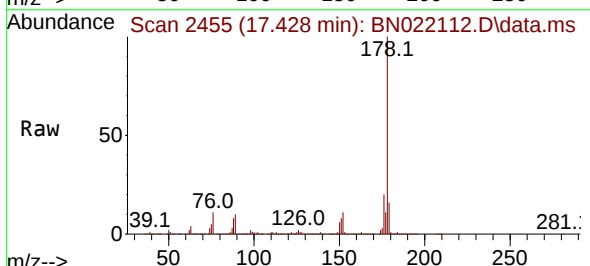
Tgt Ion:166 Resp: 18704
Ion Ratio Lower Upper
166 100
165 94.6 72.8 109.2
167 13.3 10.6 16.0

Manual Integrations
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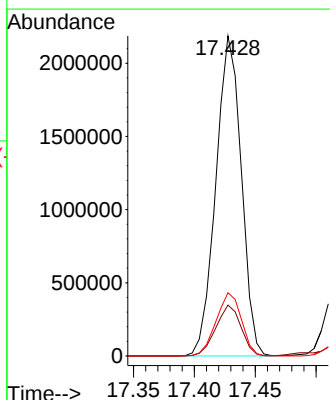
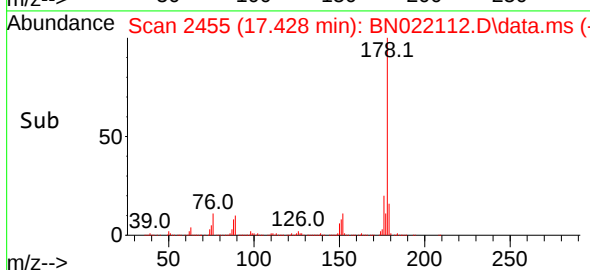
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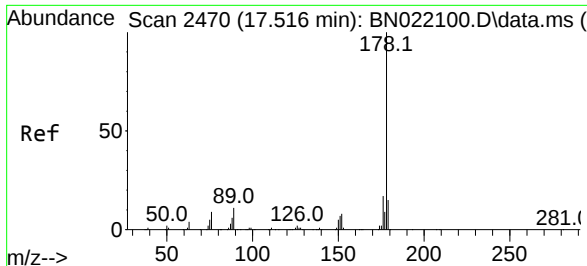


#72
Phenanthrene
Concen: 54.721 ng/ul
RT: 17.428 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46



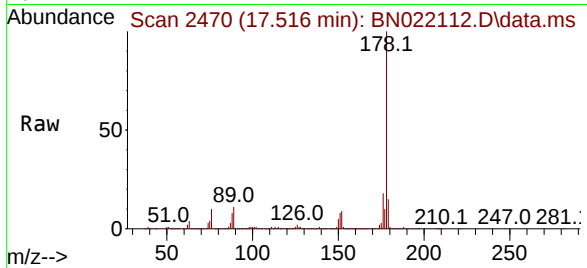
Tgt Ion:178 Resp: 3178108
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.7 16.5 24.7





#74
 Anthracene
 Concen: 11.960 ng/u1
 RT: 17.516 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BN022112.D
 Acq: 14 Oct 2022 06:46

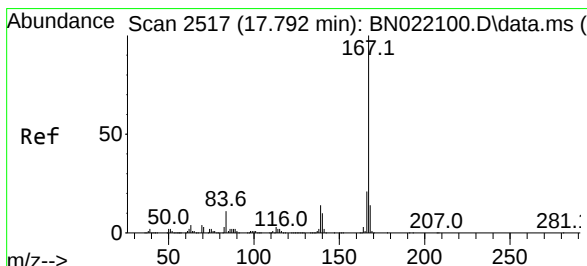
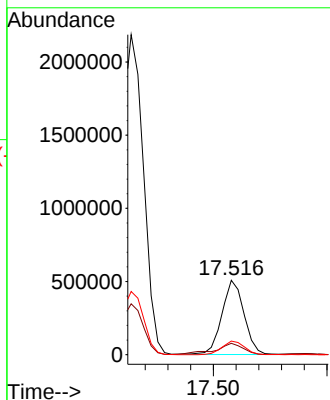
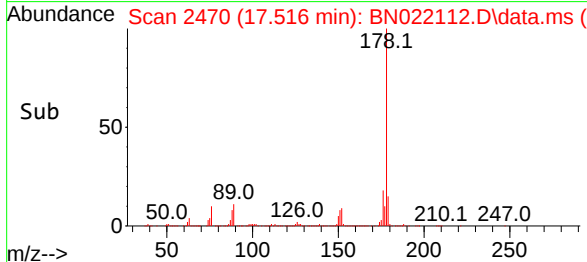
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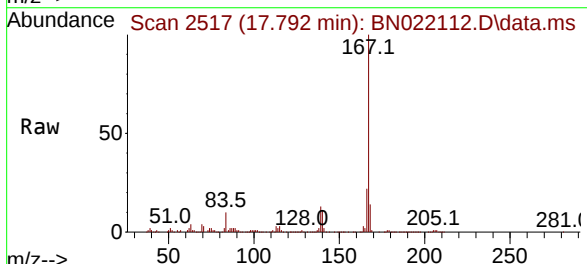
Tgt Ion:178 Resp: 689950
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.0 19.6
 176 18.4 15.8 23.6

Manual Integrations
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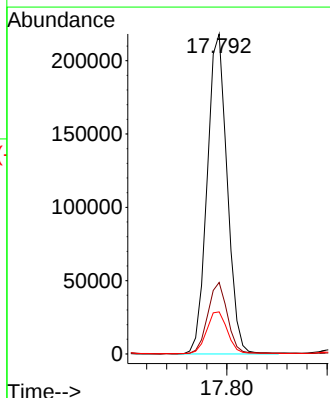
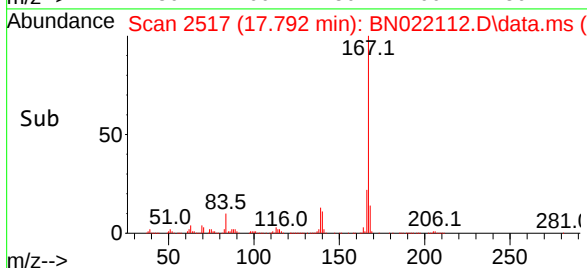
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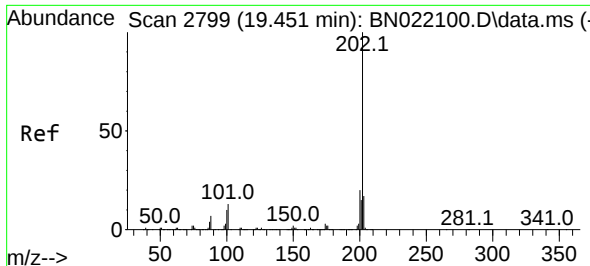


#77
 Carbazole
 Concen: 5.679 ng/u1
 RT: 17.792 min Scan# 2517
 Delta R.T. -0.006 min
 Lab File: BN022112.D
 Acq: 14 Oct 2022 06:46



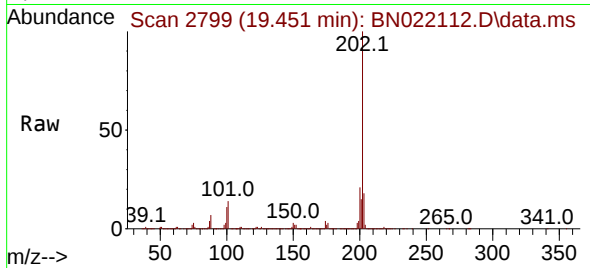
Tgt Ion:167 Resp: 303001
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.3 25.9
 139 13.1 10.7 16.1





#80
Fluoranthene
Concen: 71.740 ng/ul
RT: 19.451 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

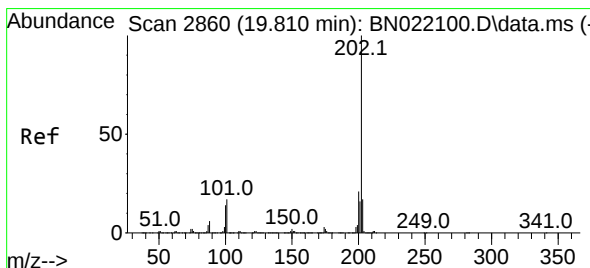
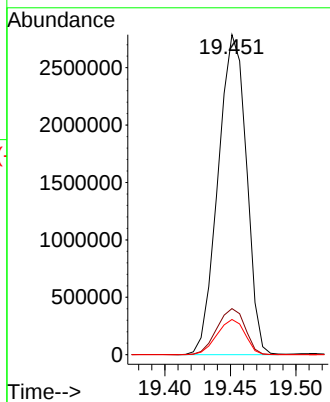
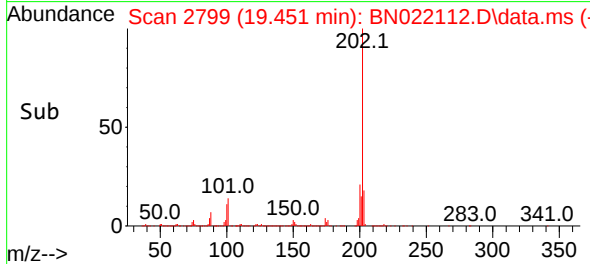
Instrument :
BNA_N
ClientSampleId :
C0BJ5



Tgt Ion:202 Resp: 418949
Ion Ratio Lower Upper
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101 14.4 10.3 15.5
100 11.0 7.8 11.8

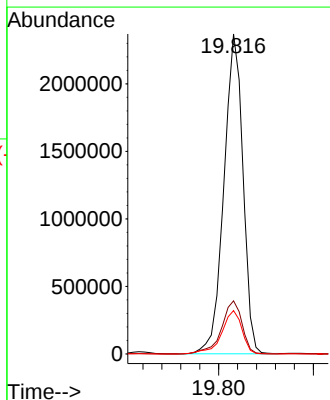
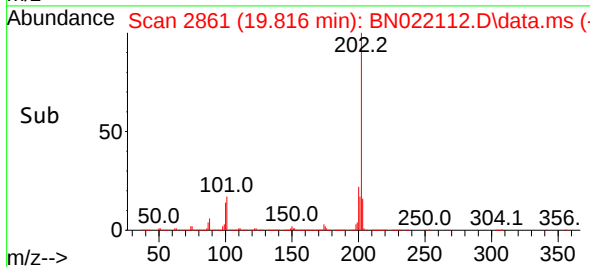
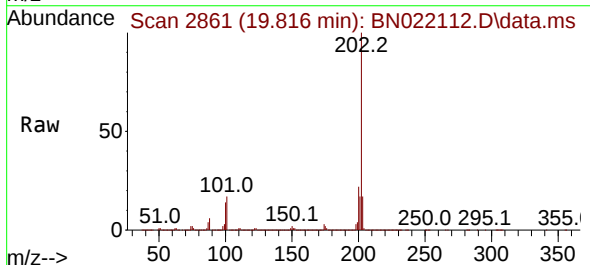
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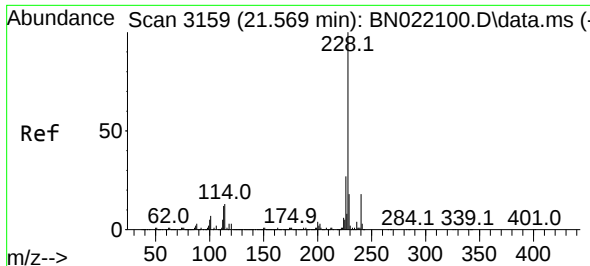
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#82
Pyrene
Concen: 54.250 ng/ul
RT: 19.816 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

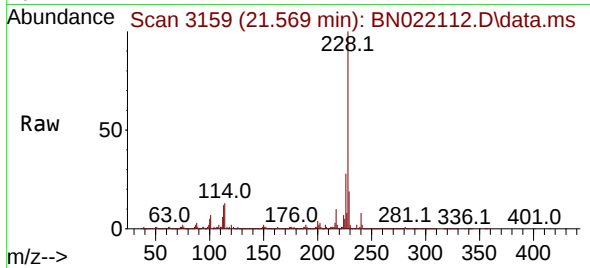
Tgt Ion:202 Resp: 3314453
Ion Ratio Lower Upper
202 100
101 16.6 13.4 20.0
100 13.5 10.9 16.3





#85
Benzo(a)anthracene
Concen: 31.075 ng/u1
RT: 21.569 min Scan# 3159
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

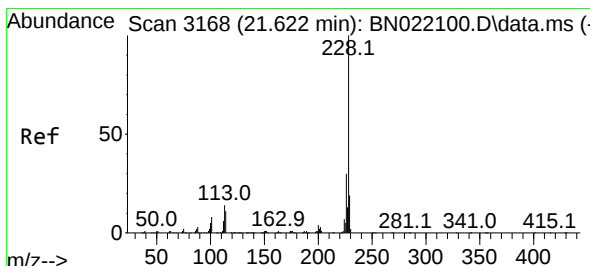
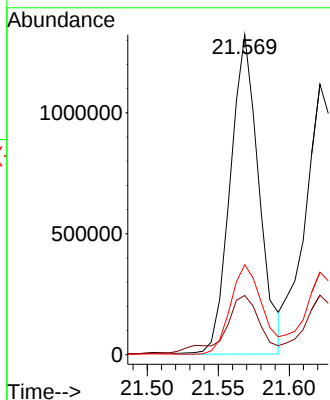
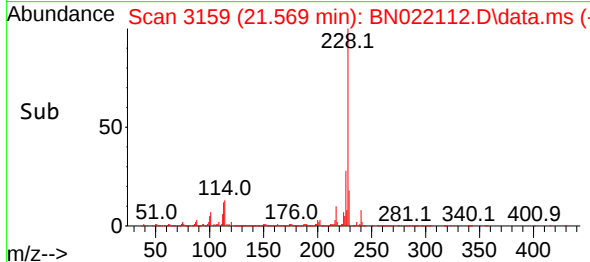
Instrument :
BNA_N
ClientSampleId :
C0BJ5



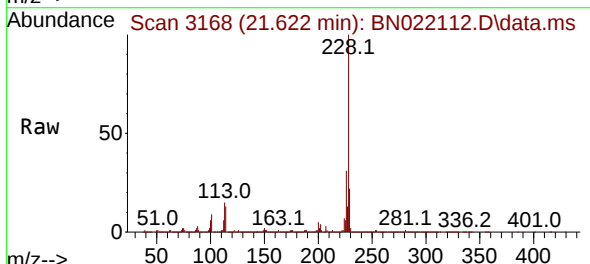
Tgt Ion:228 Resp: 1855369
Ion Ratio Lower Upper
228 100
229 18.5 13.5 20.3
226 28.1 21.0 31.6

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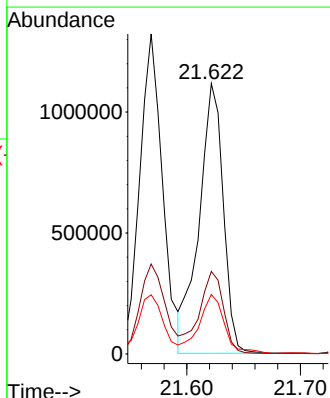
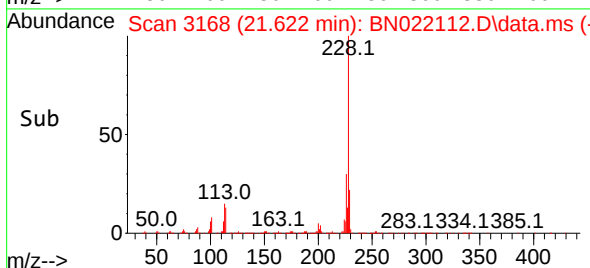
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

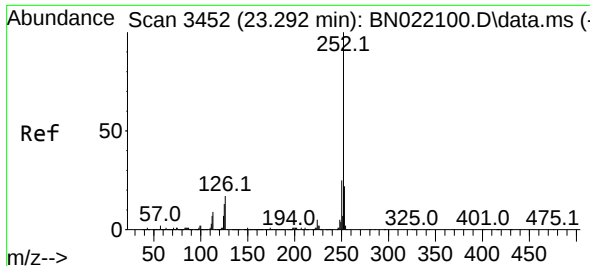


#87
Chrysene
Concen: 28.787 ng/u1
RT: 21.622 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46



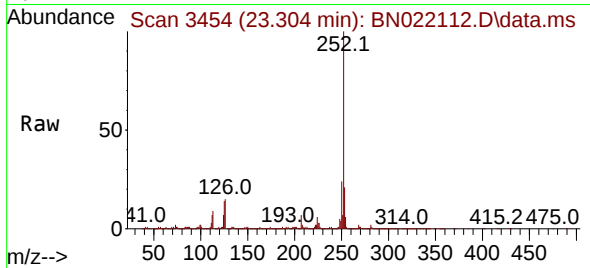
Tgt Ion:228 Resp: 1651729
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 22.0 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 33.628 ng/ul
RT: 23.304 min Scan# 3452
Delta R.T. 0.006 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

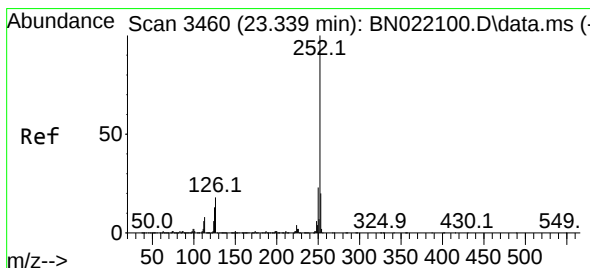
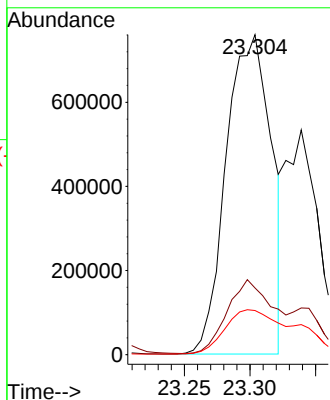
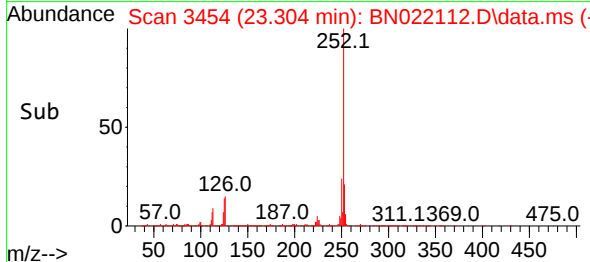
Instrument :
BNA_N
ClientSampleId :
C0BJ5



Tgt Ion:252 Resp: 181169
Ion Ratio Lower Upper
252 100
253 20.9 17.6 26.4
125 13.8 10.7 16.1

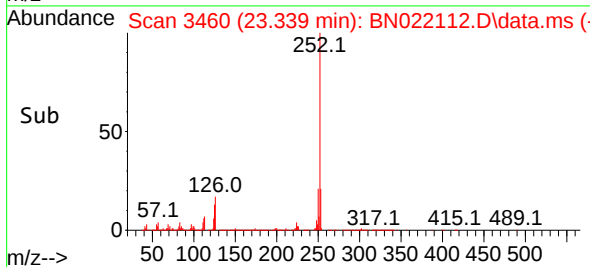
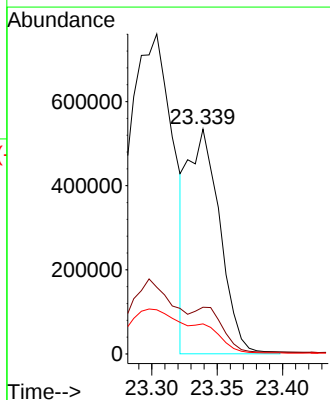
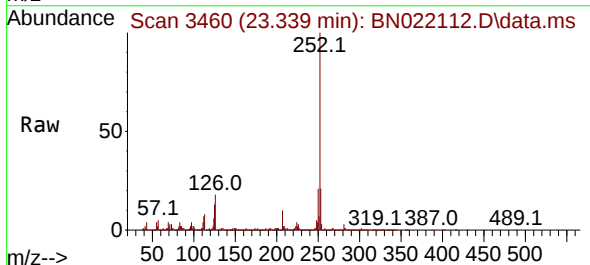
Manual Integrations
APPROVED

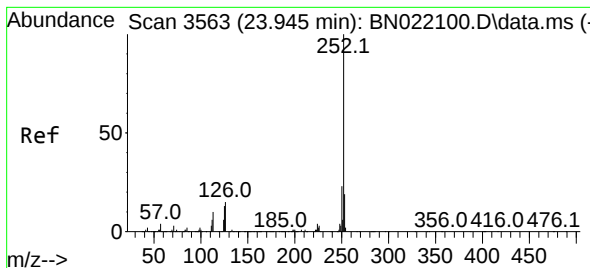
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#91
Benzo(k)fluoranthene
Concen: 17.168 ng/ul m
RT: 23.339 min Scan# 3460
Delta R.T. -0.012 min
Lab File: BN022112.D
Acq: 14 Oct 2022 06:46

Tgt Ion:252 Resp: 913788
Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 13.4 10.6 15.8





#93

Benzo(a)pyrene

Concen: 26.299 ng/ul

RT: 23.939 min Scan# 3562

Delta R.T. -0.012 min

Lab File: BN022112.D

Acq: 14 Oct 2022 06:46

Instrument :

BNA_N

ClientSampleId :

C0BJ5

Tgt Ion:252 Resp: 1266299

Ion Ratio Lower Upper

252 100

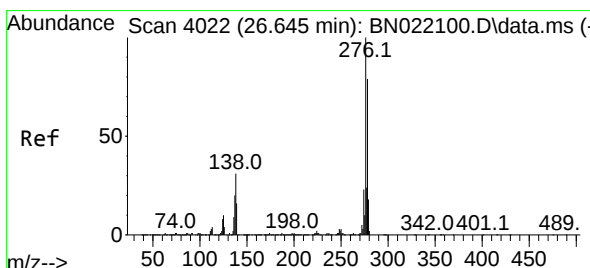
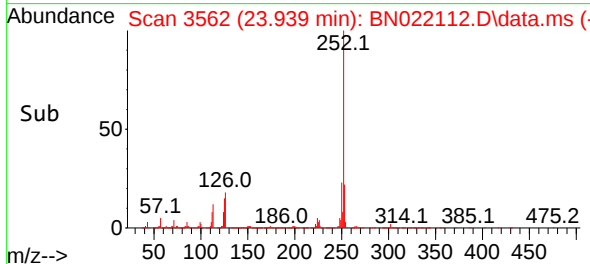
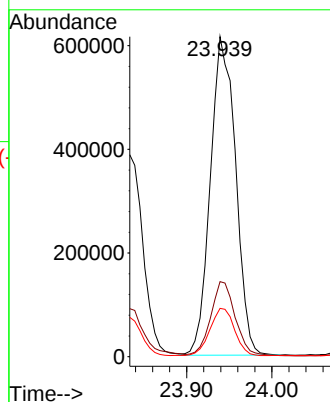
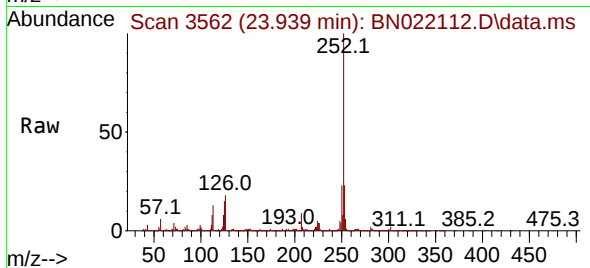
253 23.5 17.2 25.8

125 15.1 10.8 16.2

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.055 ng/ul

RT: 26.639 min Scan# 4021

Delta R.T. -0.023 min

Lab File: BN022112.D

Acq: 14 Oct 2022 06:46

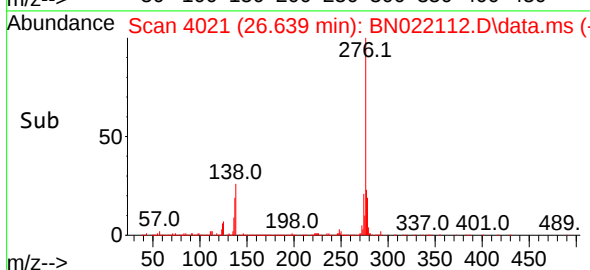
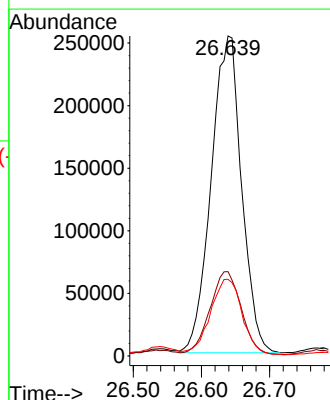
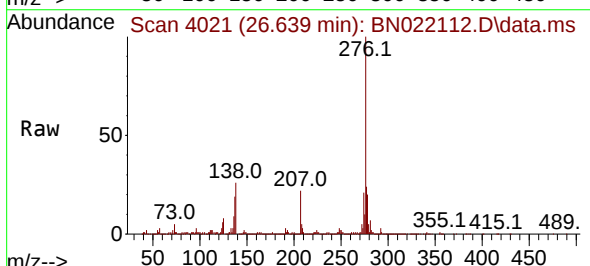
Tgt Ion:276 Resp: 785713

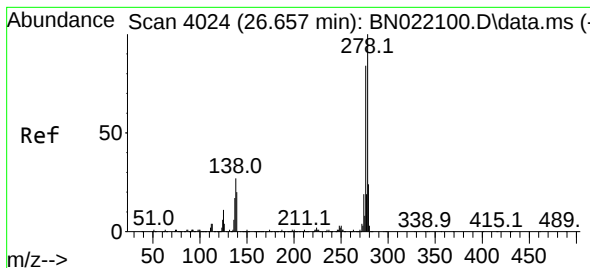
Ion Ratio Lower Upper

276 100

138 26.3 24.6 36.8

277 23.9 18.4 27.6





#95

Dibenzo(a,h)anthracene

Concen: 3.739 ng/ul

RT: 26.651 min Scan# 4024

Delta R.T. -0.023 min

Lab File: BN022112.D

Acq: 14 Oct 2022 06:46

Instrument :

BNA_N

ClientSampleId :

C0BJ5

Tgt Ion:278 Resp: 201308

Ion Ratio Lower Upper

278 100

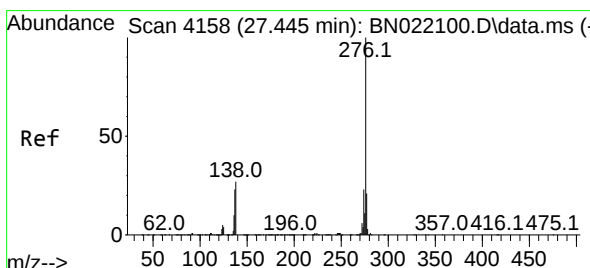
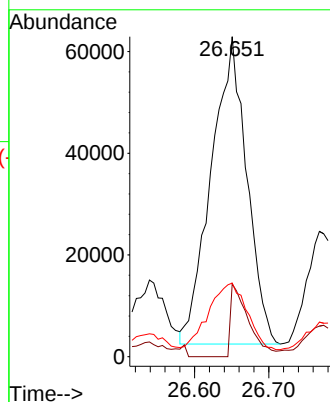
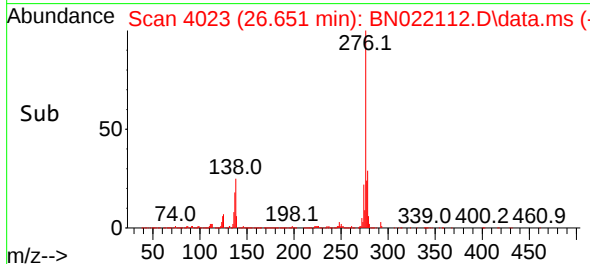
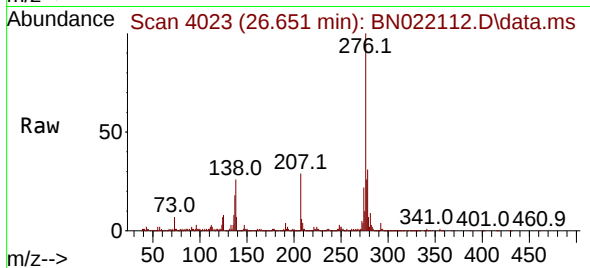
139 22.7 15.7 23.5

279 23.0 16.5 24.7

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 10.594 ng/ul

RT: 27.445 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BN022112.D

Acq: 14 Oct 2022 06:46

Tgt Ion:276 Resp: 573587

Ion Ratio Lower Upper

276 100

138 26.1 21.2 31.8

277 23.0 17.9 26.9

