

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031706.D
 Acq On : 30 May 2024 03:49
 Operator : MA/JU
 Sample : P2569-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 04:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	480489	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2178651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1377923	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2740636	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2086645	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1919863	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	26255	2.261	ng/uL	0.00
4) Pyridine-d5	3.599	84	313862	9.600	ng/u1	0.00
7) Phenol-d5	6.852	99	533658	12.956	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	327374	13.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	431488	13.729	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	414016	12.330	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	218355	13.108	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	216349	12.573	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	433742	13.502	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	476050	9.981	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1497058	15.595	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1659042	15.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	181855	9.462	ng/u1	-0.01
60) Fluorene-d10	15.316	176	1305309	16.071	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	124947	9.070	ng/u1	0.00
73) Anthracene-d10	17.169	188	1958055	16.688	ng/u1	0.00
81) Pyrene-d10	19.469	212	2326968	20.840	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1709818	18.651	ng/u1	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.134	142	94818	1.230	ng/u1	100
37) 1-Methylnaphthalene	12.351	142	104463	1.351	ng/u1	97
50) Acenaphthylene	14.045	152	551935	4.425	ng/u1	98
52) Acenaphthene	14.387	153	181130	2.194	ng/u1	99
56) Dibenzofuran	14.722	168	368743	3.288	ng/u1	99
61) Fluorene	15.375	166	402309	4.455	ng/u1	98
72) Phenanthrene	17.116	178	9279015	66.463	ng/u1	100
74) Anthracene	17.204	178	2070881	14.639	ng/u1	98
77) Carbazole	17.475	167	216296	1.793	ng/u1	97
80) Fluoranthene	19.133	202	11638080	87.212	ng/u1	100
82) Pyrene	19.498	202	10631810	77.653	ng/u1	100
83) Butylbenzylphthalate	20.404	149	72793	1.126	ng/u1	97
85) Benzo(a)anthracene	21.280	228	5546841	39.714	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	487871	5.175	ng/u1	99
87) Chrysene	21.345	228	4762304	36.504	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	4612386	40.193	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	1771732	15.734	ng/u1	99
93) Benzo(a)pyrene	24.104	252	3183417	29.619	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	1687911	13.629	ng/u1	95
95) Dibenzo(a,h)anthracene	27.580	278	465381m	4.603	ng/u1	
96) Benzo(g,h,i)perylene	28.562	276	1444542m	14.672	ng/u1	

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

Instrument :

BNA_N

ClientSampleId :

BH6A7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

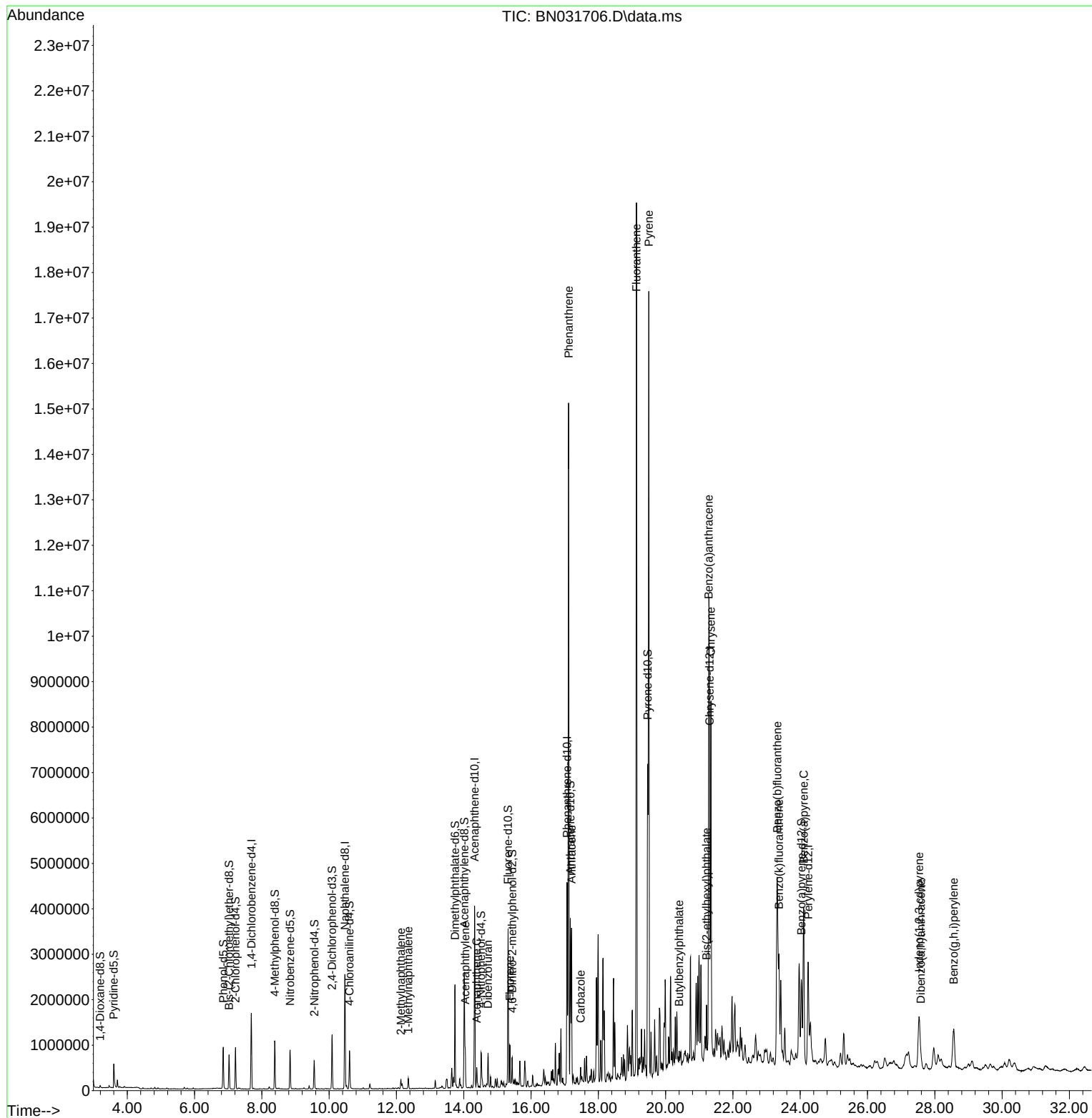
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031706.D
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 Operator : MA/JU
 Sample : P2569-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

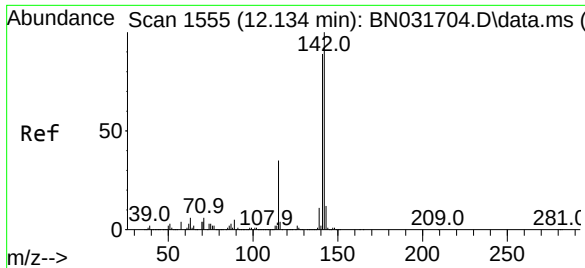
Instrument :
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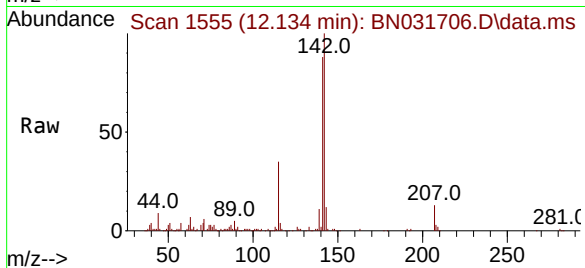
Quant Time: May 30 04:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#36
2-Methylnaphthalene
Concen: 1.230 ng/ul
RT: 12.134 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

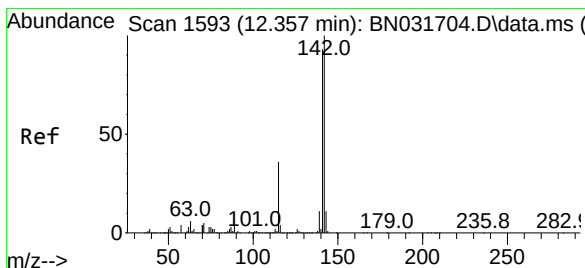
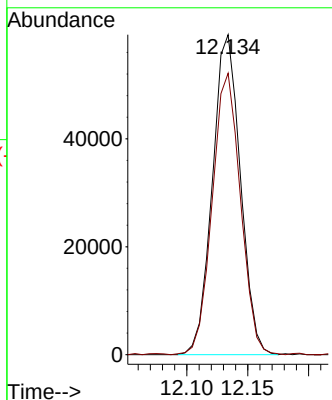
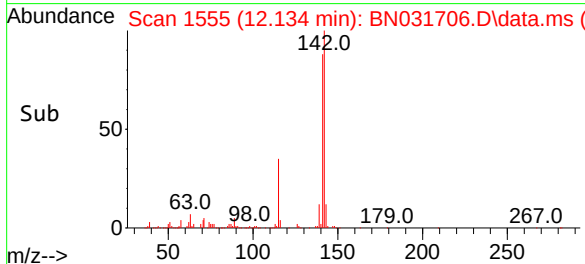
Instrument :
BNA_N
ClientSampleId :
BH6A7



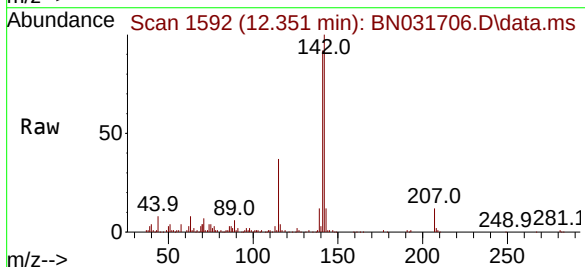
Tgt Ion:142 Resp: 94818
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1

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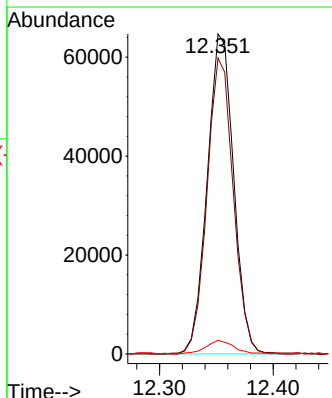
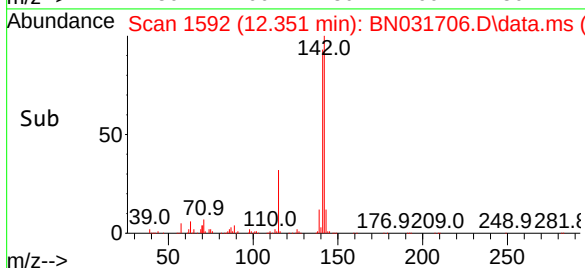
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

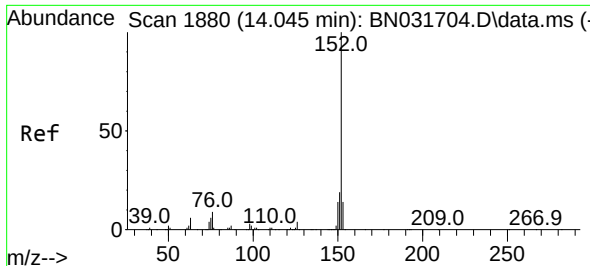


#37
1-Methylnaphthalene
Concen: 1.351 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49



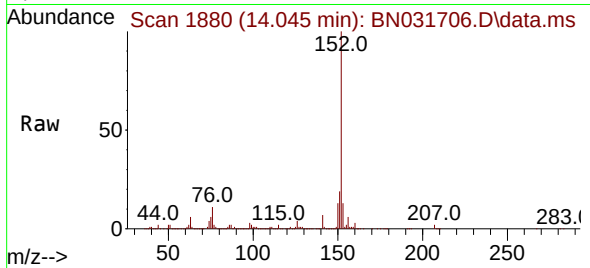
Tgt Ion:142 Resp: 104463
Ion Ratio Lower Upper
142 100
141 92.4 71.7 107.5
116 4.3 3.0 4.4





#50
Acenaphthylene
Concen: 4.425 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

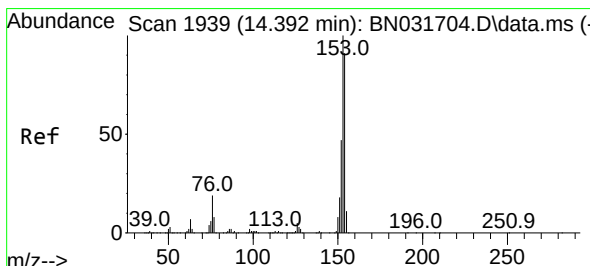
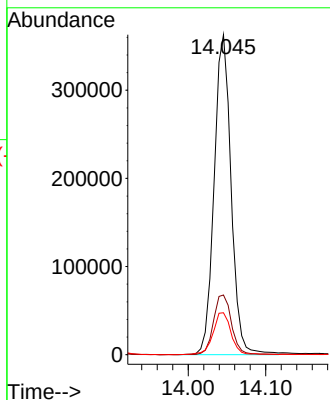
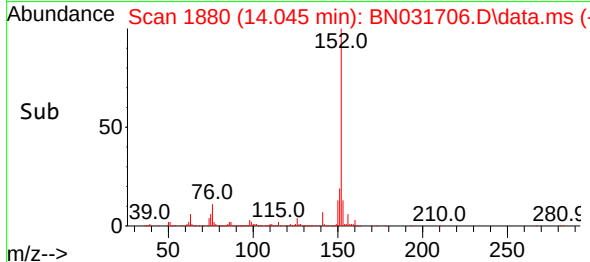
Instrument :
BNA_N
ClientSampleId :
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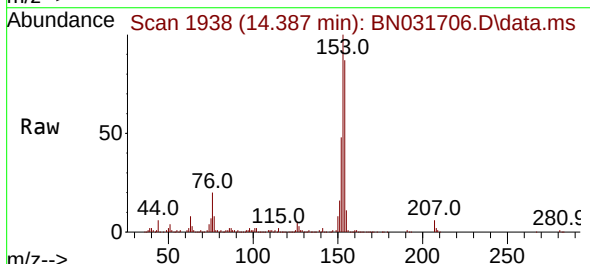
Tgt Ion:152 Resp: 551935
Ion Ratio Lower Upper
152 100
151 18.7 15.9 23.9
153 13.1 10.4 15.6

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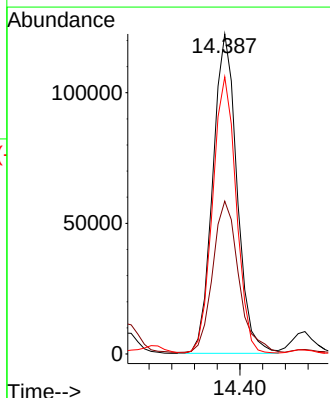
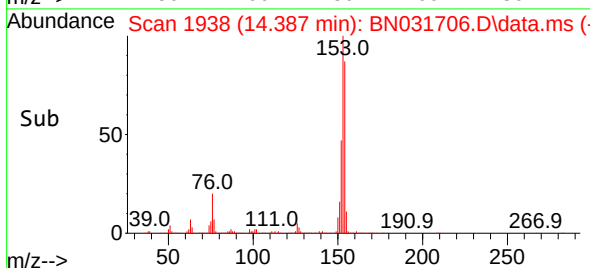
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

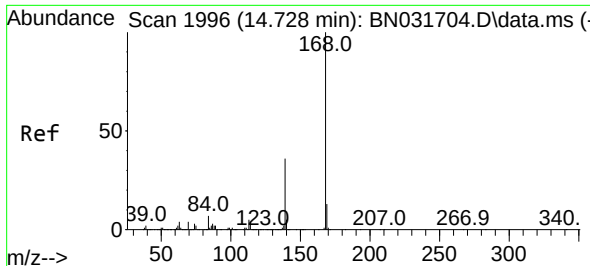


#52
Acenaphthene
Concen: 2.194 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49



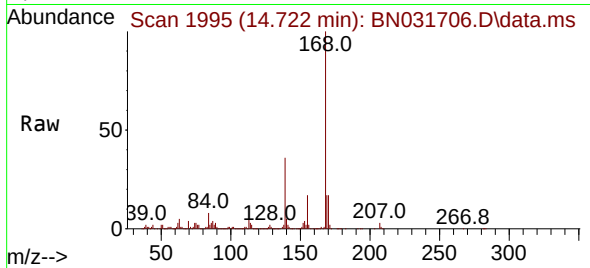
Tgt Ion:153 Resp: 181130
Ion Ratio Lower Upper
153 100
152 47.8 37.8 56.6
154 86.6 69.8 104.8





#56
Dibenzenofuran
Concen: 3.288 ng/ul
RT: 14.722 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

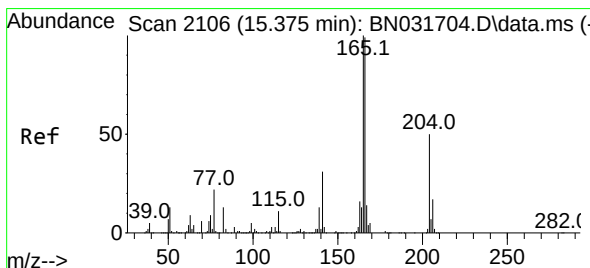
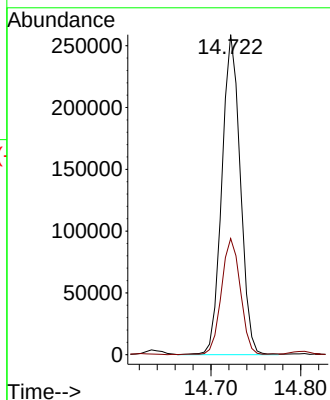
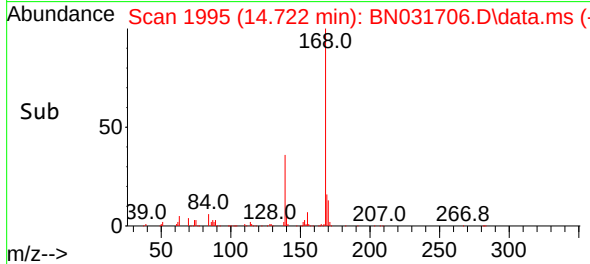
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:168 Resp: 36874
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0

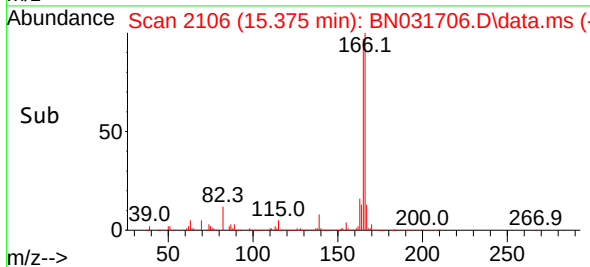
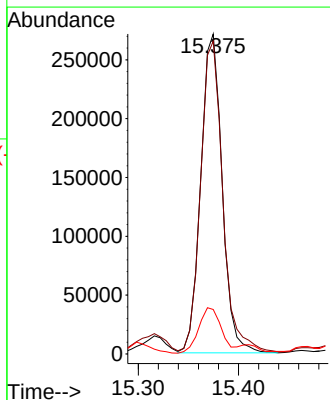
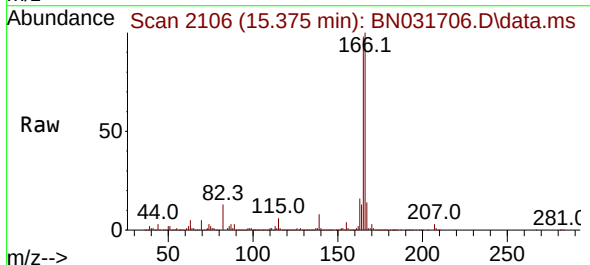
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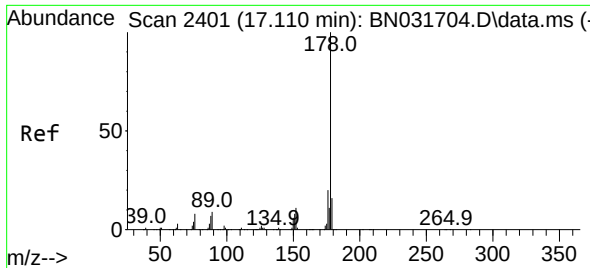
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#61
Fluorene
Concen: 4.455 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

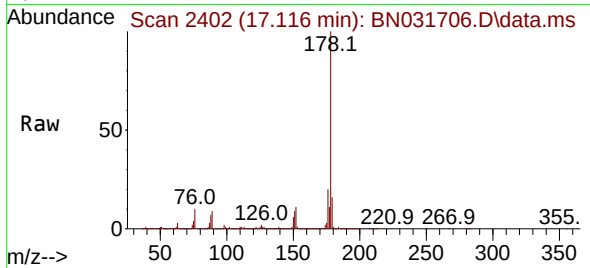
Tgt Ion:166 Resp: 402309
Ion Ratio Lower Upper
166 100
165 97.8 80.3 120.5
167 13.9 11.3 16.9





#72
Phenanthrene
Concen: 66.463 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

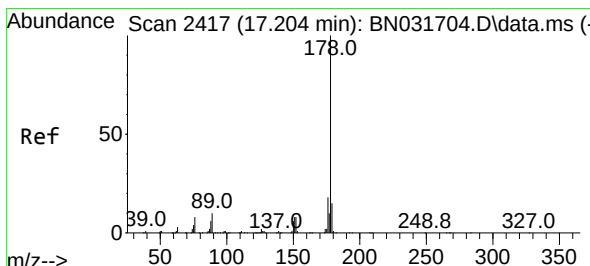
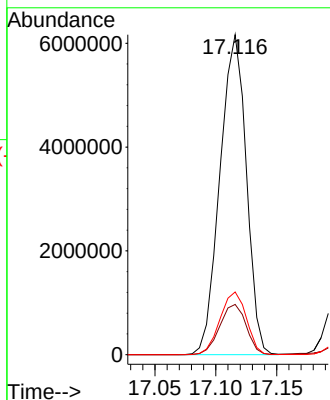
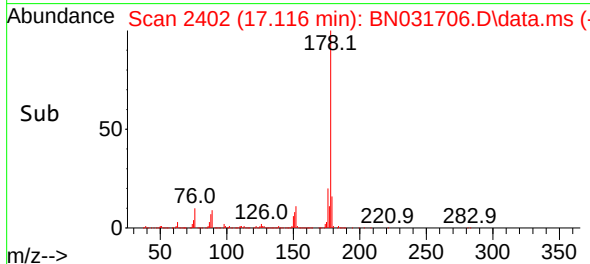
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 9279015
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6

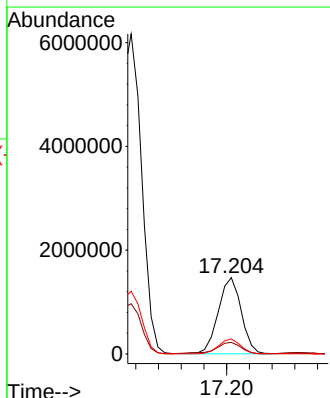
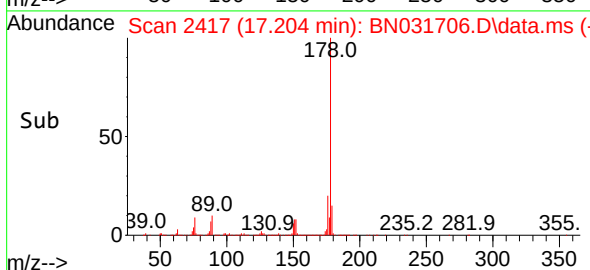
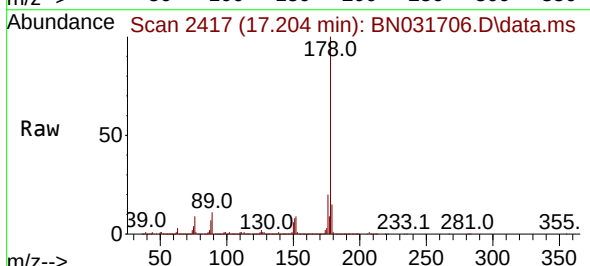
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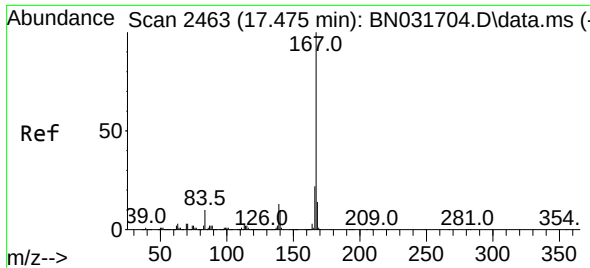
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#74
Anthracene
Concen: 14.639 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

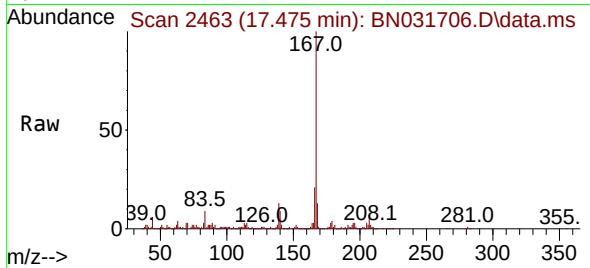
Tgt Ion:178 Resp: 2070881
Ion Ratio Lower Upper
178 100
179 15.1 11.8 17.6
176 19.7 14.8 22.2





#77
 Carbazole
 Concen: 1.793 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031706.D
 Acq: 30 May 2024 03:49

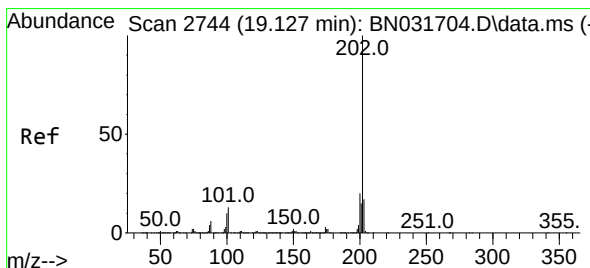
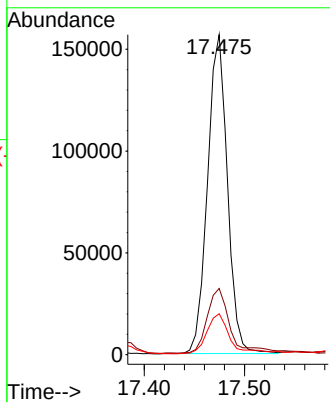
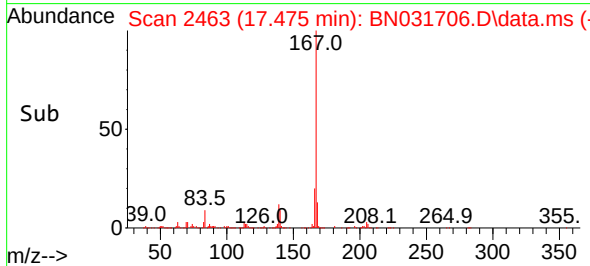
Instrument :
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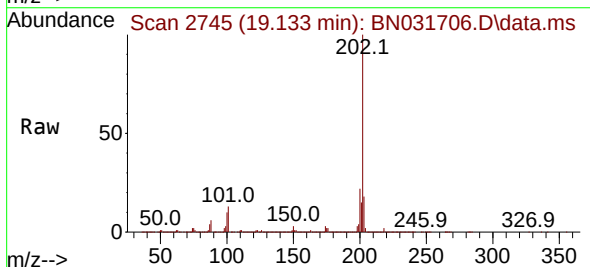
Tgt Ion:167 Resp: 216290
 Ion Ratio Lower Upper
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 166 20.7 17.9 26.9
 139 12.8 10.5 15.7

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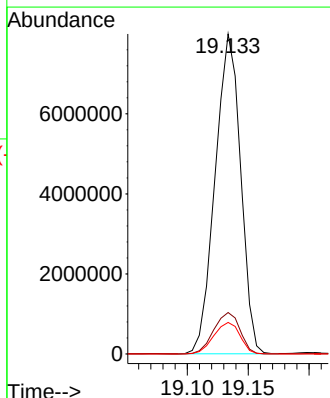
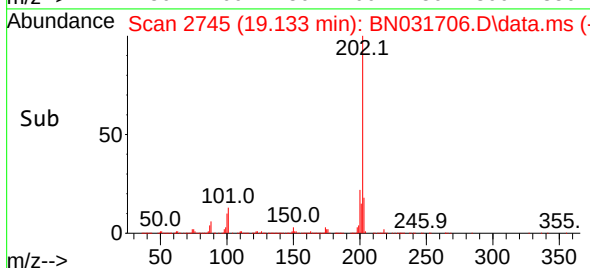
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

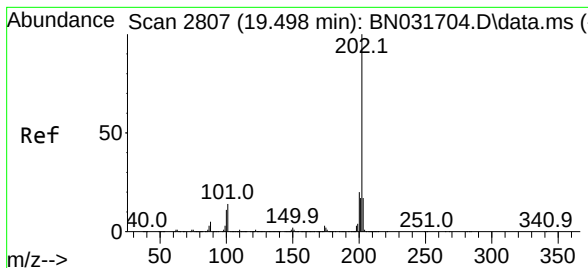


#80
 Fluoranthene
 Concen: 87.212 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031706.D
 Acq: 30 May 2024 03:49



Tgt Ion:202 Resp:11638080
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.3 15.5
 100 9.8 8.0 12.0





#82

Pyrene

Concen: 77.653 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BN031706.D

Acq: 30 May 2024 03:49

Instrument :

BNA_N

ClientSampleId :

BH6A7

Tgt Ion:202 Resp:10631810

Ion Ratio Lower Upper

202 100

101 15.6 12.6 18.8

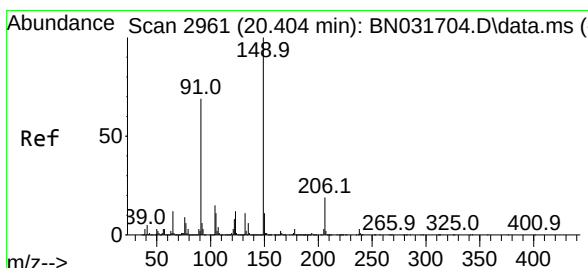
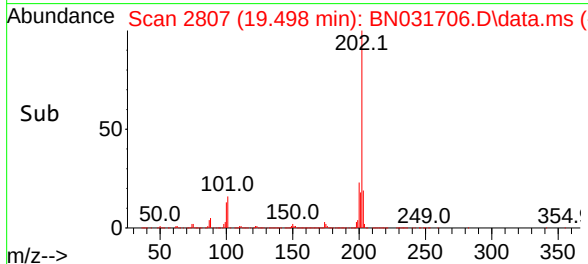
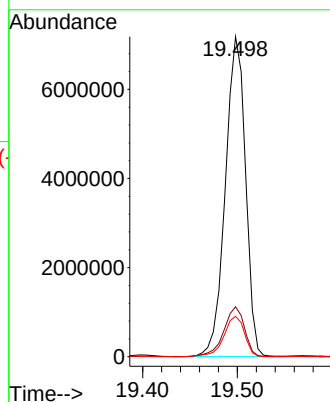
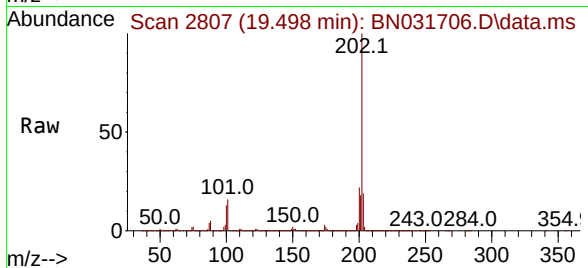
100 12.6 10.2 15.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#83

Butylbenzylphthalate

Concen: 1.126 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031706.D

Acq: 30 May 2024 03:49

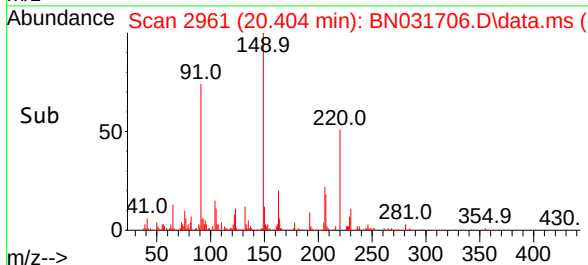
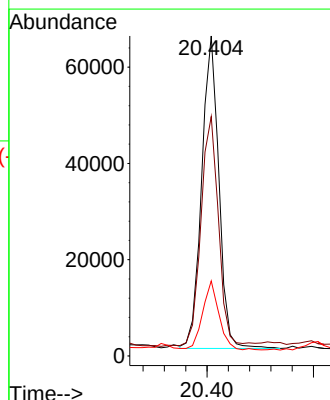
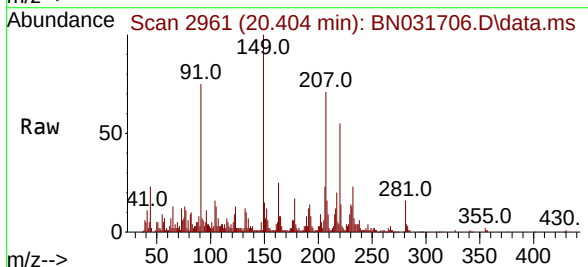
Tgt Ion:149 Resp: 72793

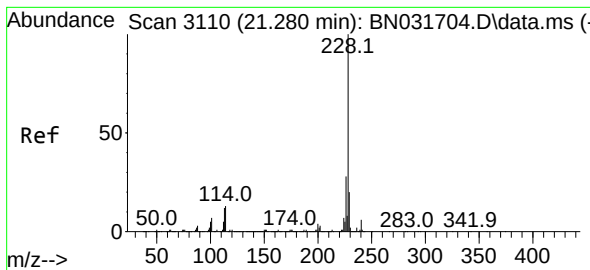
Ion Ratio Lower Upper

149 100

91 74.8 61.0 91.4

206 23.5 16.5 24.7





#85

Benzo(a)anthracene

Concen: 39.714 ng/ul

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN031706.D

Acq: 30 May 2024 03:49

Instrument :

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Tgt Ion:228 Resp: 554684

Ion Ratio Lower Upper

228 100

229 19.9 16.7 25.1

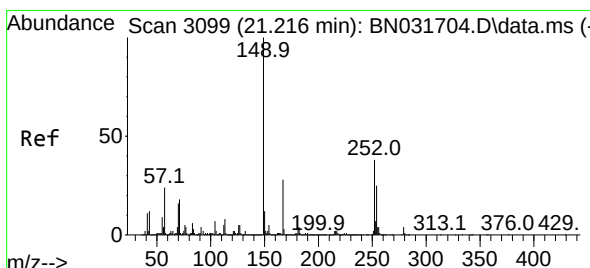
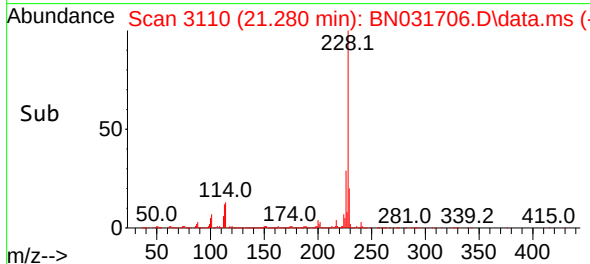
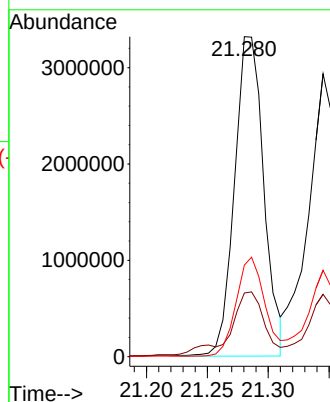
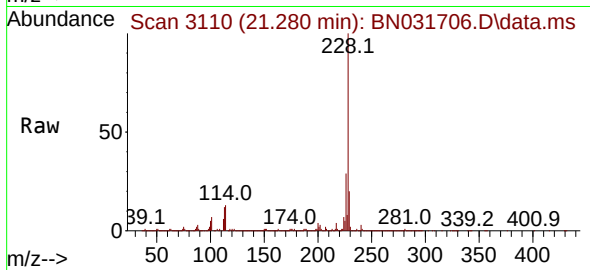
226 28.6 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.175 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BN031706.D

Acq: 30 May 2024 03:49

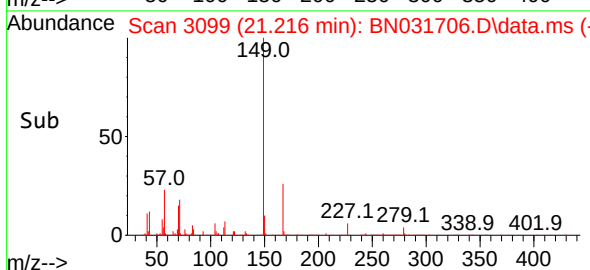
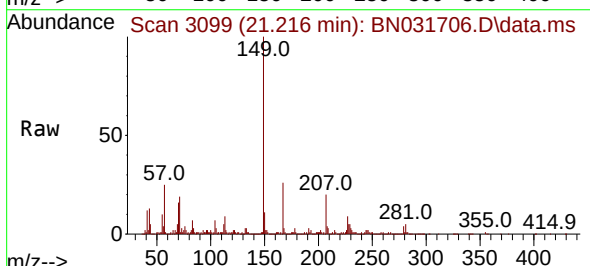
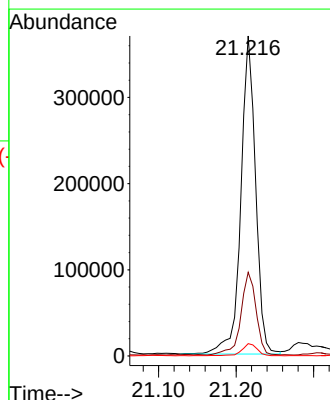
Tgt Ion:149 Resp: 487871

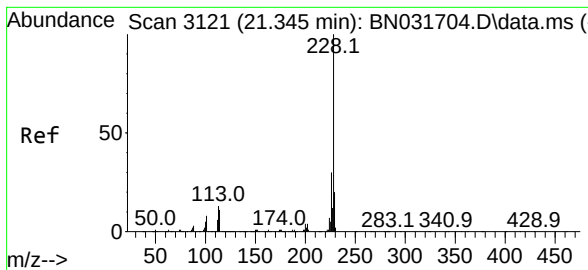
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

279 3.8 3.3 4.9





#87

Chrysene

Concen: 36.504 ng/u1

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031706.D

Acq: 30 May 2024 03:49

Instrument :

BNA_N

ClientSampleId :

BH6A7

Tgt Ion:228 Resp: 4762304

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

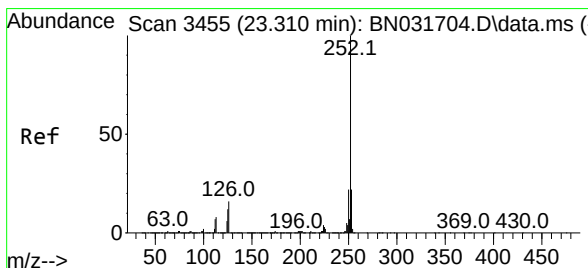
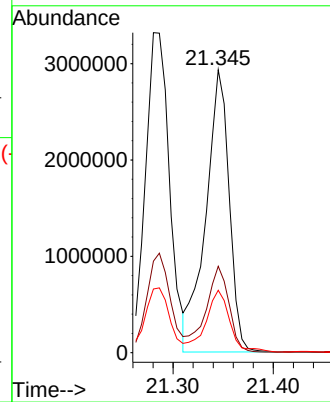
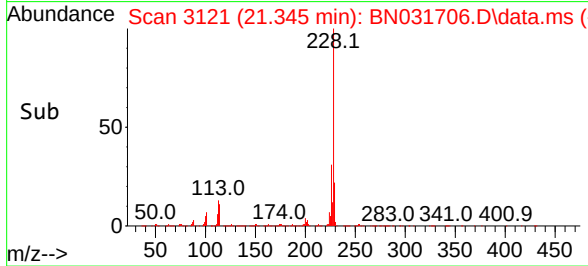
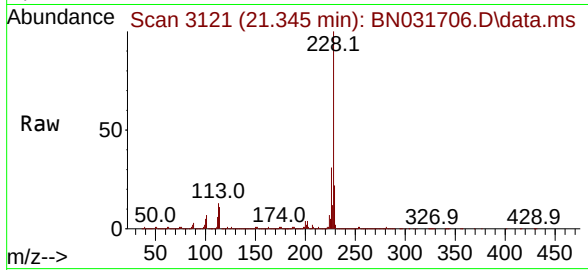
229 22.1 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 05/31/2024



#90

Benzo(b)fluoranthene

Concen: 40.193 ng/u1

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031706.D

Acq: 30 May 2024 03:49

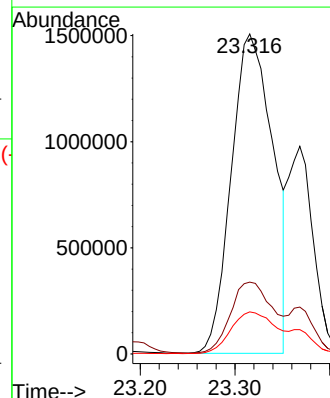
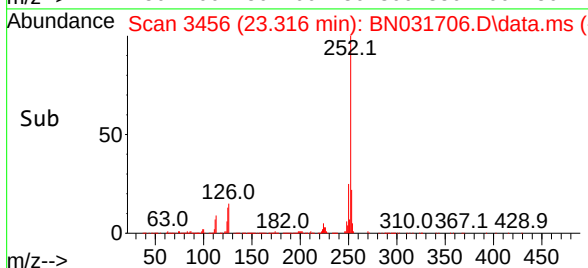
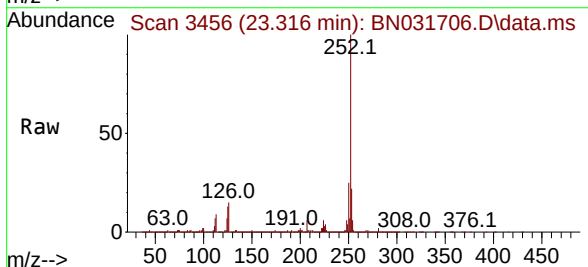
Tgt Ion:252 Resp: 4612386

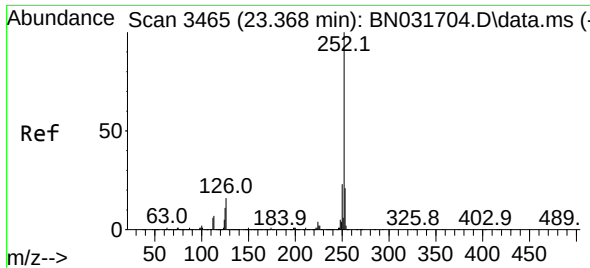
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

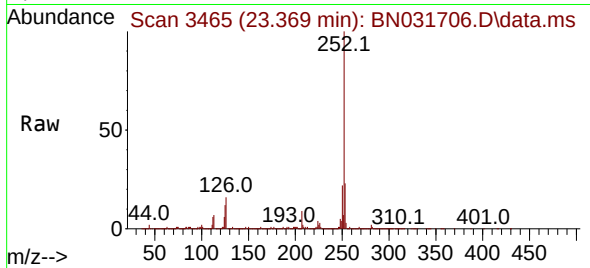
125 13.1 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 15.734 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

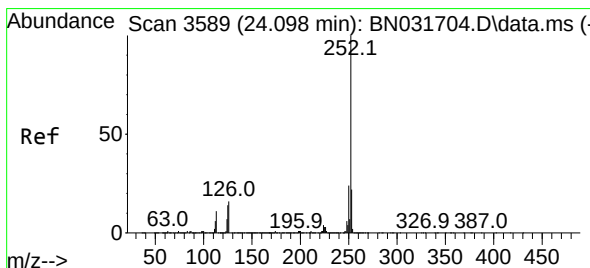
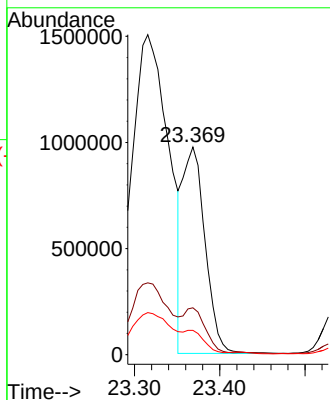
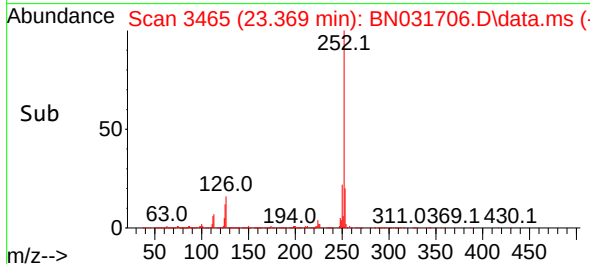
Instrument :
BNA_N
ClientSampleId :
BH6A7



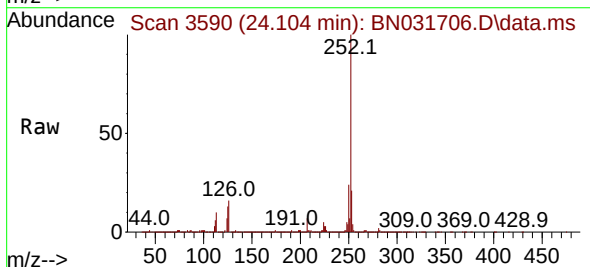
Tgt Ion:252 Resp: 1771732
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.8 9.4 14.2

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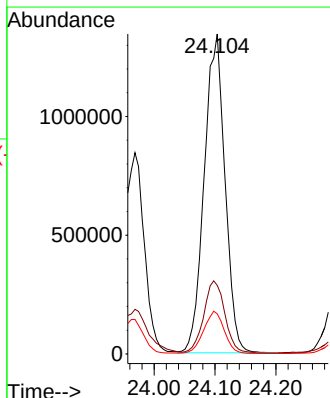
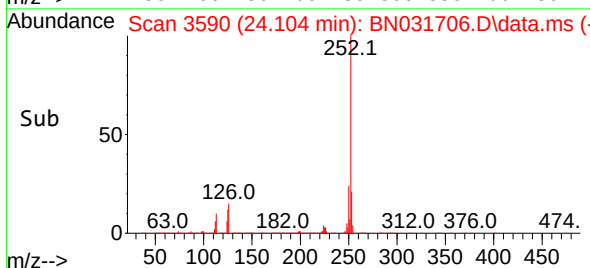
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

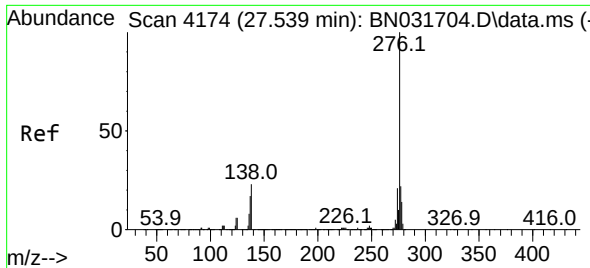


#93
Benzo(a)pyrene
Concen: 29.619 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49



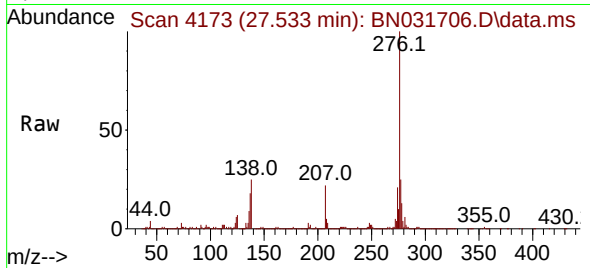
Tgt Ion:252 Resp: 3183417
Ion Ratio Lower Upper
252 100
253 21.4 16.6 24.8
125 12.6 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 13.629 ng/ul
RT: 27.533 min Scan# 4174
Delta R.T. -0.000 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

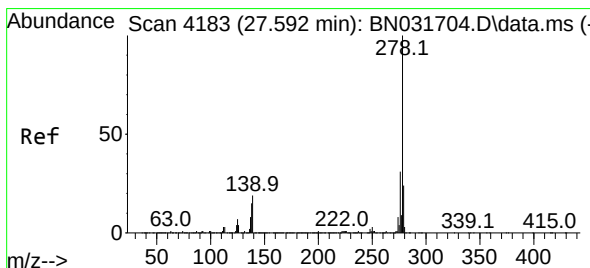
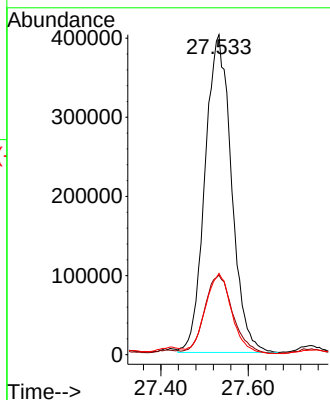
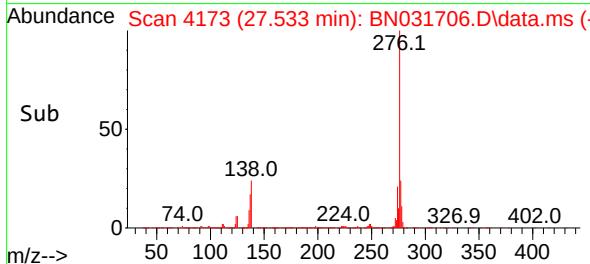
Instrument :
BNA_N
ClientSampleId :
BH6A7



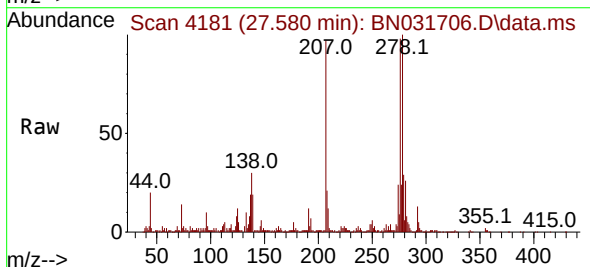
Tgt Ion:276 Resp: 168791
Ion Ratio Lower Upper
276 100
138 24.9 18.1 27.1
277 25.4 18.2 27.2

Manual Integrations
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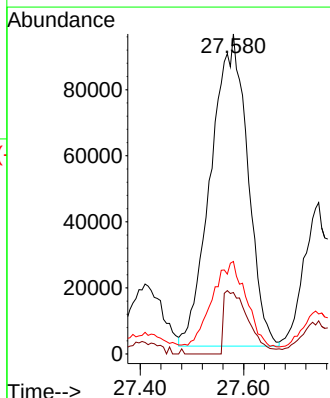
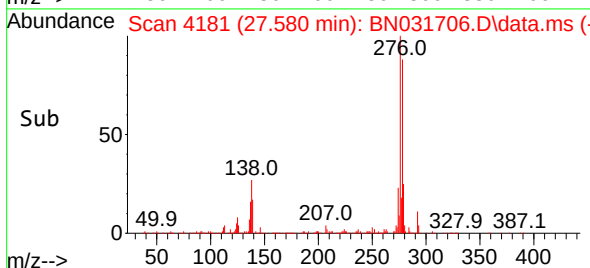
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

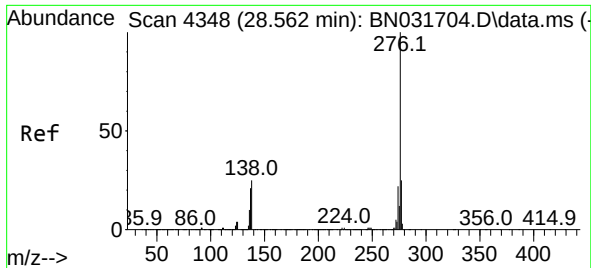


#95
Dibenzo(a,h)anthracene
Concen: 4.603 ng/ul m
RT: 27.580 min Scan# 4181
Delta R.T. -0.024 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49



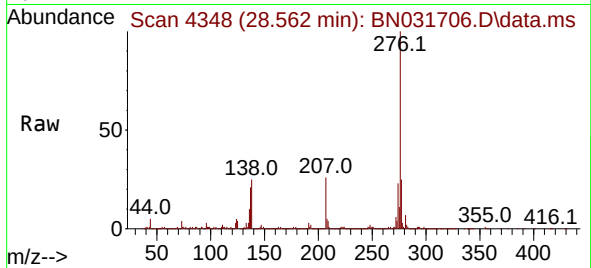
Tgt Ion:278 Resp: 465381
Ion Ratio Lower Upper
278 100
139 19.2 15.0 22.6
279 28.9 17.4 26.0#





#96
Benzo(g,h,i)perylene
Concen: 14.672 ng/ul m
RT: 28.562 min Scan# 4348
Delta R.T. -0.006 min
Lab File: BN031706.D
Acq: 30 May 2024 03:49

Instrument :
BNA_N
ClientSampleId :
BH6A7



Tgt Ion:276 Resp: 144454
Ion Ratio Lower Upper
276 100
138 24.7 20.9 31.3
277 24.7 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

