

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031713.D
 Acq On : 30 May 2024 08:24
 Operator : MA/JU
 Sample : P2569-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A6

Manual Integrations
 APPROVED

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

Quant Time: May 30 08:58:19 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	7.693	152	588417	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2553351	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1529483	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2640173	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1512666	20.000	ng/u1	0.00
88) Perylene-d12	24.262	264	1723870	20.000	ng/u1	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	42805	3.010	ng/uL	0.00
4) Pyridine-d5	3.605	84	548356	13.696	ng/u1	0.00
7) Phenol-d5	6.857	99	969206	19.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	544056	18.439	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	775745	20.155	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	741328	18.029	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	379445	19.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	399254	19.797	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	735980	19.548	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	226138	4.045	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2119988	19.896	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2471412	20.172	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	336688	15.782	ng/u1	0.00
60) Fluorene-d10	15.322	176	1788440	19.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	117594	8.861	ng/u1	0.01
73) Anthracene-d10	17.175	188	2429359	21.493	ng/u1	0.00
81) Pyrene-d10	19.474	212	2219181	27.416	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1751928	21.283	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.522	128	436714	3.305	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	383867	4.250	ng/u1	100
37) 1-Methylnaphthalene	12.357	142	603076	6.654	ng/u1	100
50) Acenaphthylene	14.051	152	169950	1.227	ng/u1#	81
52) Acenaphthene	14.392	153	386379	4.217	ng/u1	99
61) Fluorene	15.381	166	406506	4.055	ng/u1	99
72) Phenanthrene	17.122	178	8754582	65.093	ng/u1	100
74) Anthracene	17.210	178	654532	4.803	ng/u1	99
77) Carbazole	17.480	167	119392	1.027	ng/u1	94
80) Fluoranthene	19.139	202	4923873	50.899	ng/u1	99
82) Pyrene	19.504	202	6824806	68.761	ng/u1	100
85) Benzo(a)anthracene	21.292	228	1971115	19.468	ng/u1	100
87) Chrysene	21.357	228	3015074	31.881	ng/u1	97
90) Benzo(b)fluoranthene	23.339	252	2674747	25.958	ng/u1	96
91) Benzo(k)fluoranthene	23.386	252	800711	7.919	ng/u1	96
93) Benzo(a)pyrene	24.127	252	1863680	19.312	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.586	276	1695342	15.245	ng/u1	97
95) Dibenzo(a,h)anthracene	27.627	278	523354m	5.764	ng/u1	
96) Benzo(g,h,i)perylene	28.633	276	1647834m	18.640	ng/u1	

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

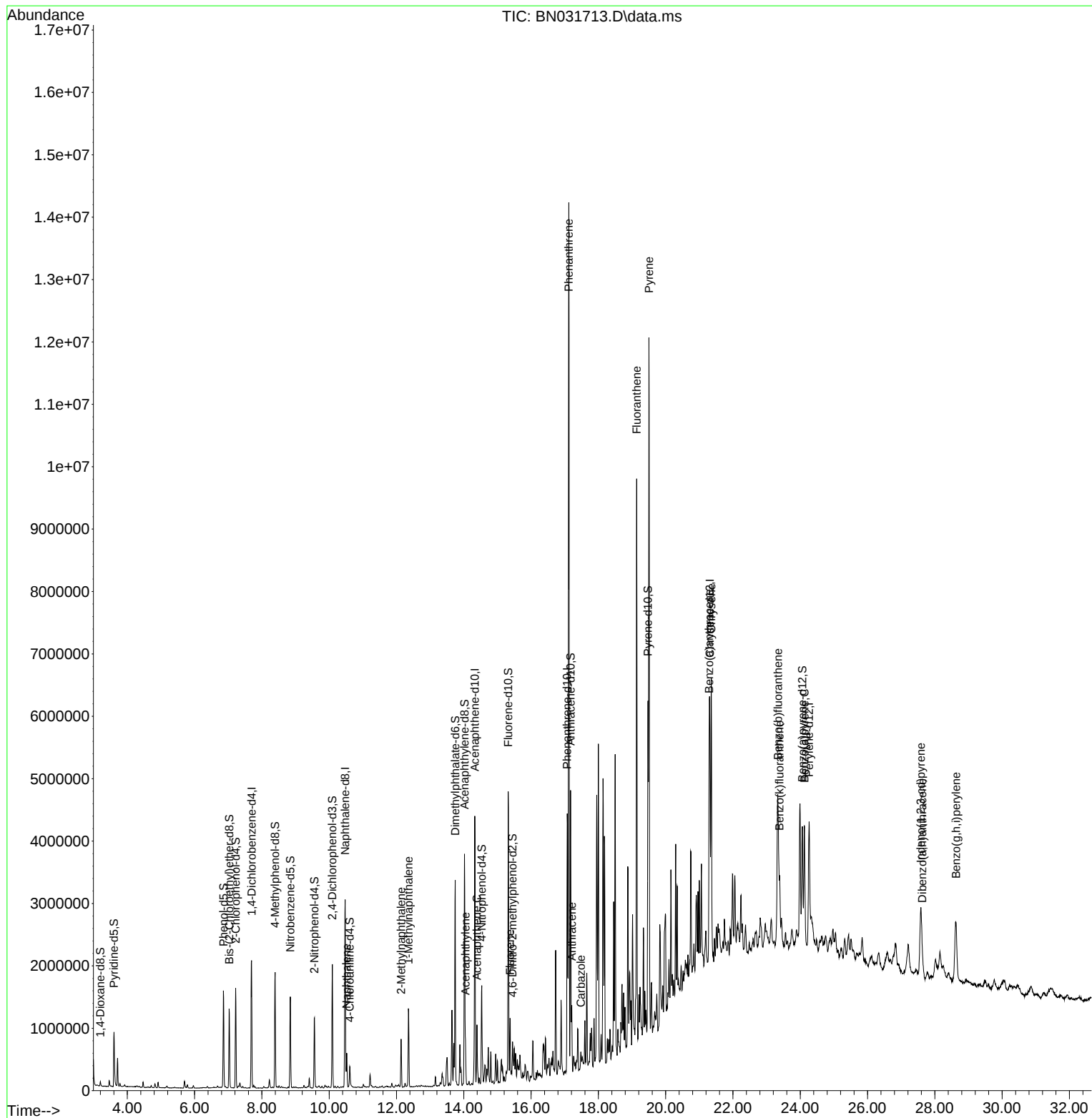
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031713.D
Acq On : 30 May 2024 08:24
Operator : MA/JU
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ALS Vial : 24 Sample Multiplier: 1

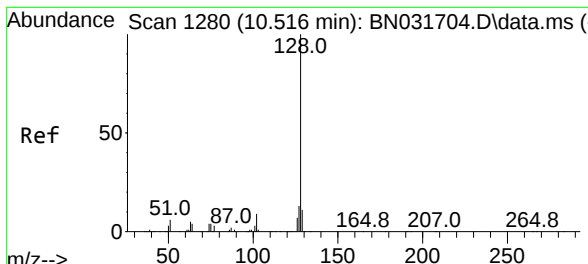
Instrument :
BNA_N
ClientSampleId :
BH6A6

Manual Integrations
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Supervised By :mohammad ahmed 05/31/2024

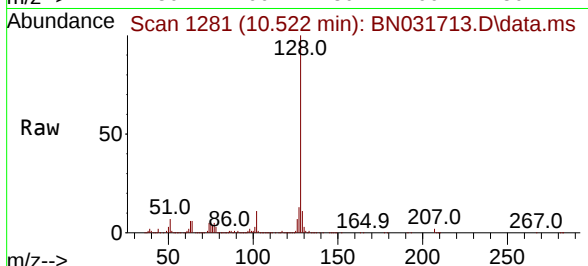
Quant Time: May 30 08:58:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.305 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

Instrument : BNA_N
ClientSampleId : BH6A6

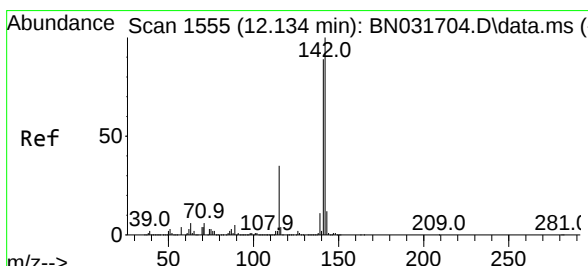
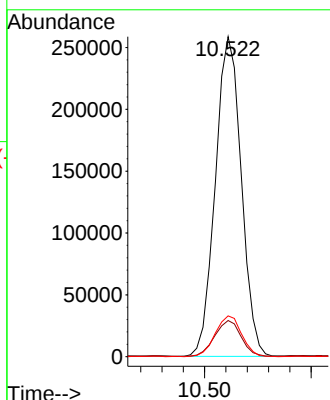
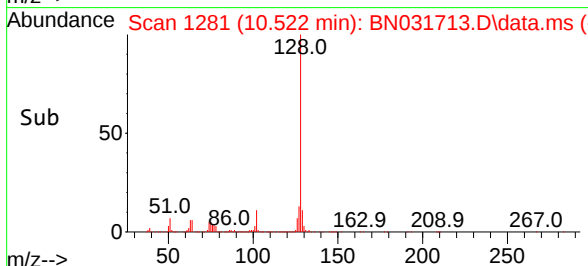


Tgt Ion:128 Resp: 436714

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	12.7	10.3	15.5

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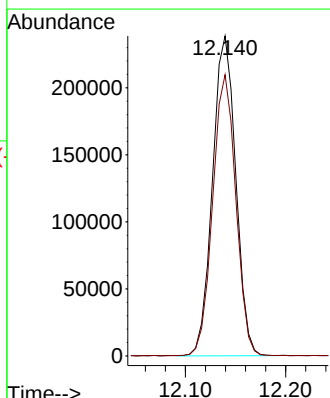
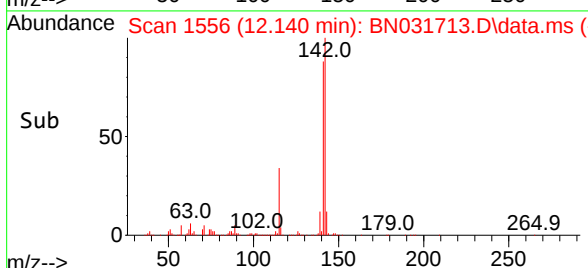
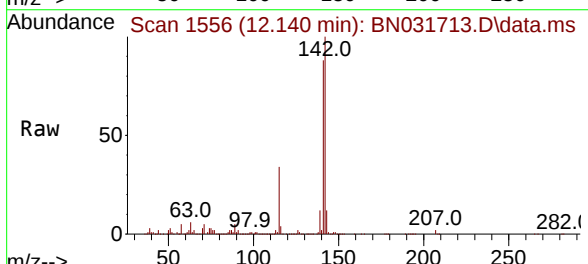
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

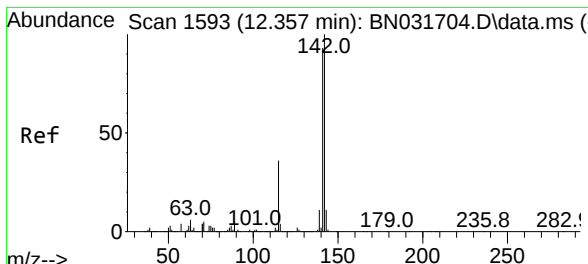


#36
2-Methylnaphthalene
Concen: 4.250 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

Tgt Ion:142 Resp: 383867

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.1	105.1





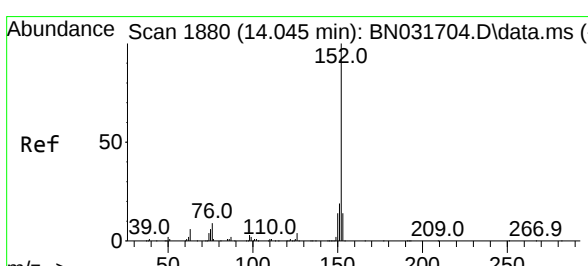
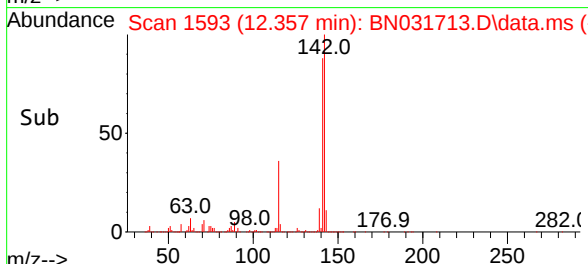
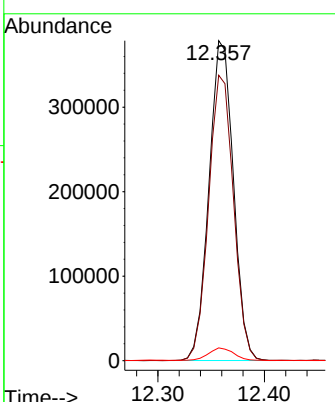
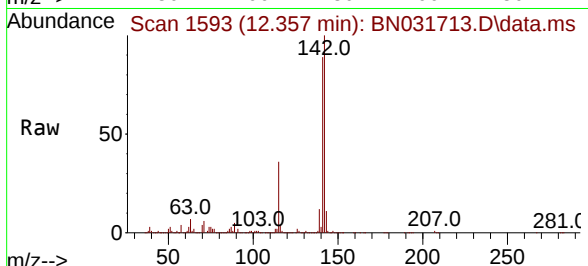
#37
 1-Methylnaphthalene
 Concen: 6.654 ng/ul
 RT: 12.357 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN031713.D
 Acq: 30 May 2024 08:24

Instrument : BNA_N
 ClientSampleId : BH6A6

Tgt Ion:142 Resp: 603070

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
116	4.0	3.0	4.4

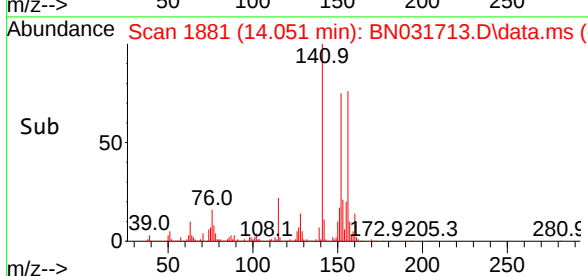
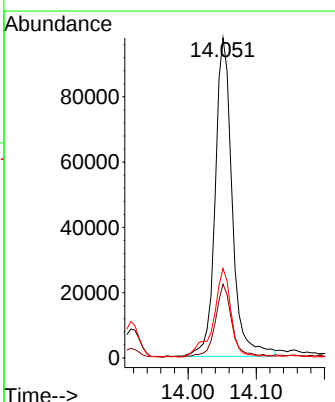
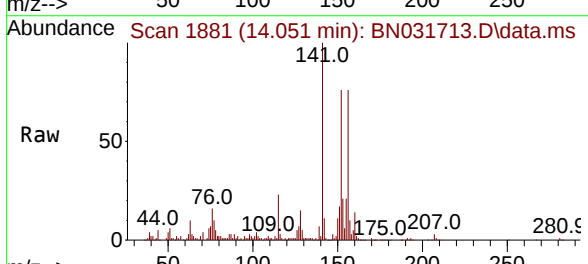
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

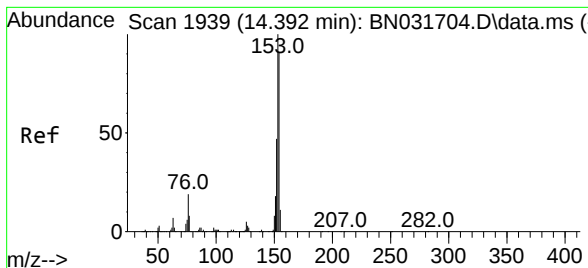


#50
 Acenaphthylene
 Concen: 1.227 ng/ul
 RT: 14.051 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: BN031713.D
 Acq: 30 May 2024 08:24

Tgt Ion:152 Resp: 169950

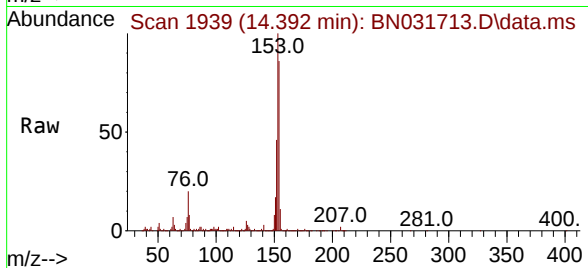
Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.9	23.9
153	27.9	10.4	15.6





#52
Acenaphthene
Concen: 4.217 ng/u1
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

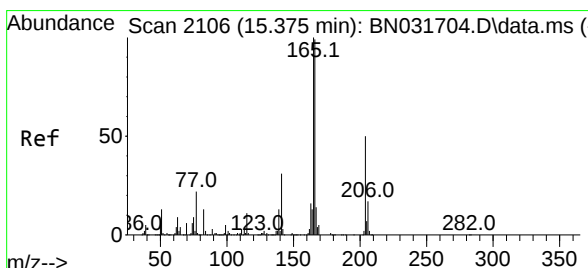
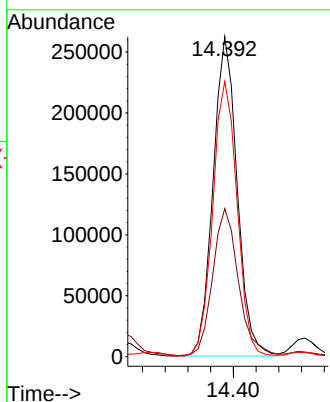
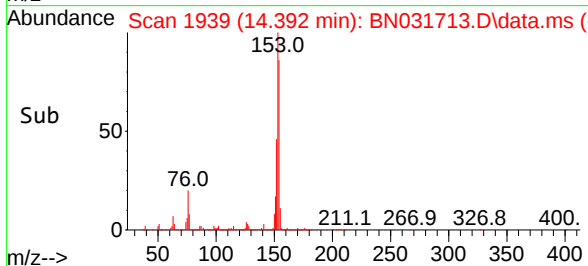
Instrument :
BNA_N
ClientSampleId :
BH6A6



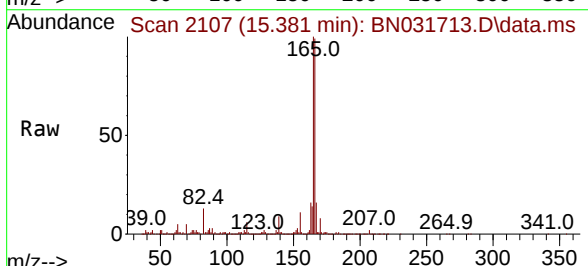
Tgt Ion:153 Resp: 386379
Ion Ratio Lower Upper
153 100
152 46.2 37.8 56.6
154 86.0 69.8 104.8

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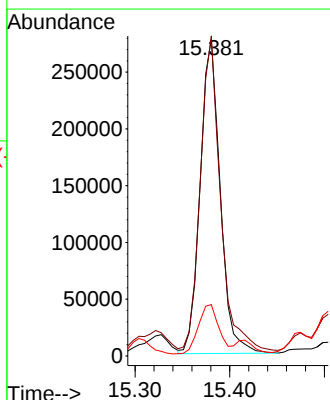
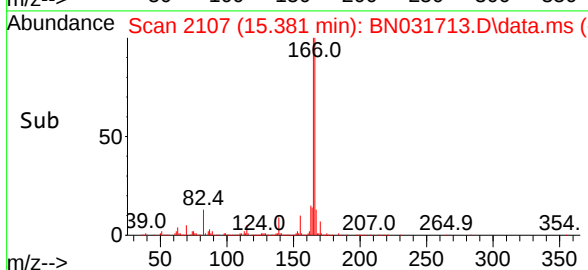
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

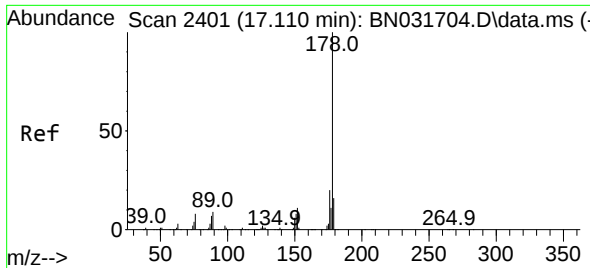


#61
Fluorene
Concen: 4.055 ng/u1
RT: 15.381 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24



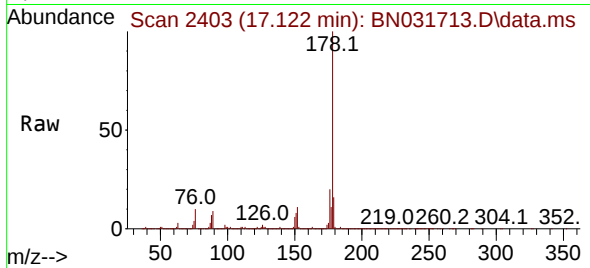
Tgt Ion:166 Resp: 406506
Ion Ratio Lower Upper
166 100
165 101.0 80.3 120.5
167 16.2 11.3 16.9





#72
Phenanthrene
Concen: 65.093 ng/u1
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

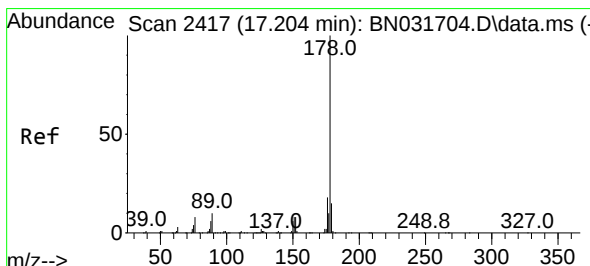
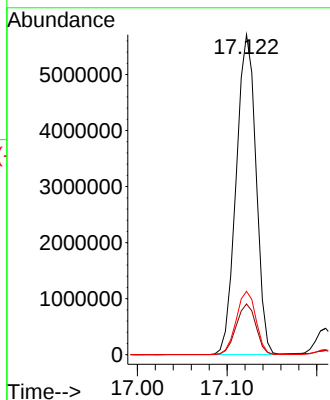
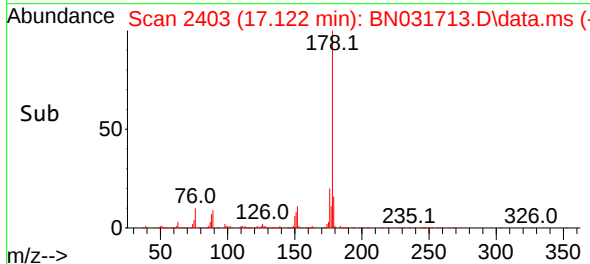
Instrument :
BNA_N
ClientSampleId :
BH6A6



Tgt Ion:178 Resp: 875458
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.8 15.8 23.6

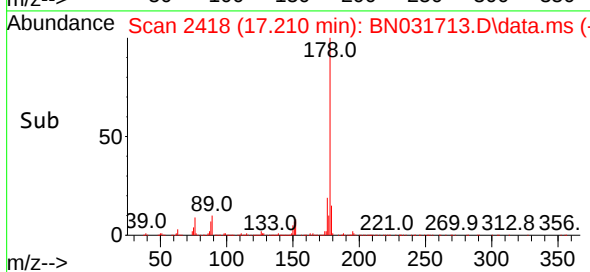
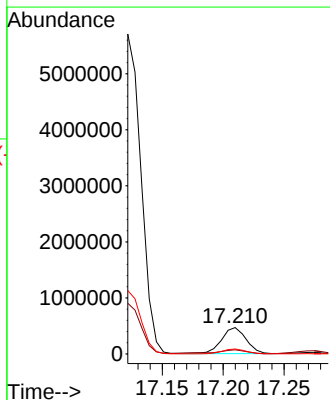
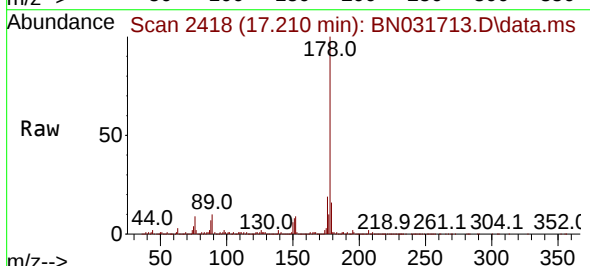
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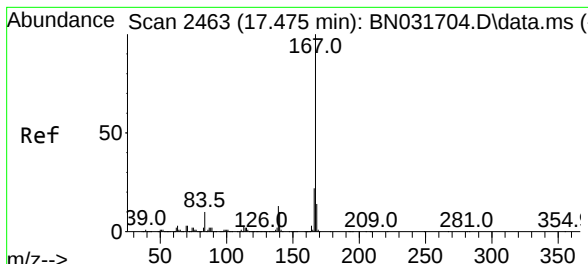
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#74
Anthracene
Concen: 4.803 ng/u1
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

Tgt Ion:178 Resp: 654532
Ion Ratio Lower Upper
178 100
179 15.7 11.8 17.6
176 18.6 14.8 22.2





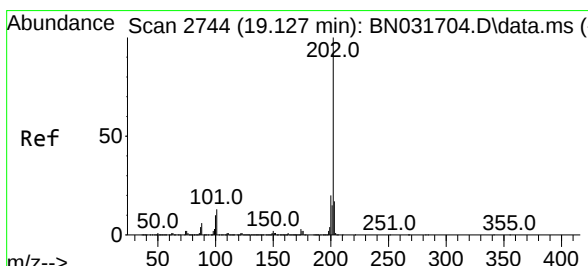
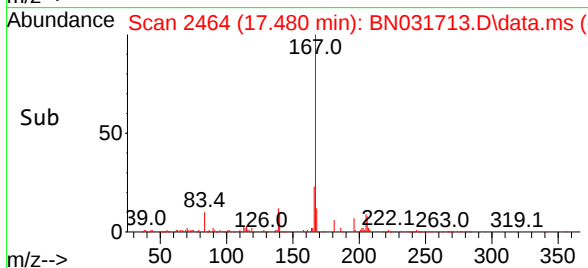
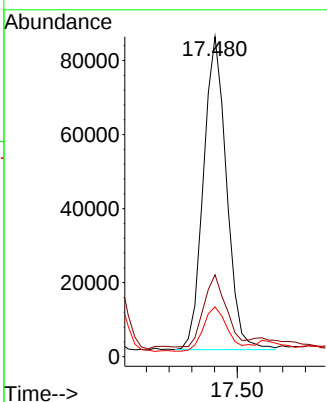
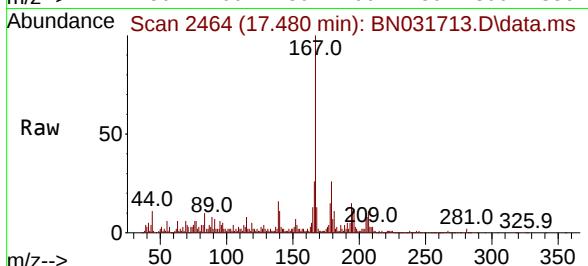
#77
 Carbazole
 Concen: 1.027 ng/ul
 RT: 17.480 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BN031713.D
 Acq: 30 May 2024 08:24

Instrument :
 BNA_N
 ClientSampleId :
 BH6A6

Tgt Ion:	167	Resp:	11939
Ion Ratio	Lower	Upper	
167	100		
166	25.6	17.9	26.9
139	15.6	10.5	15.7

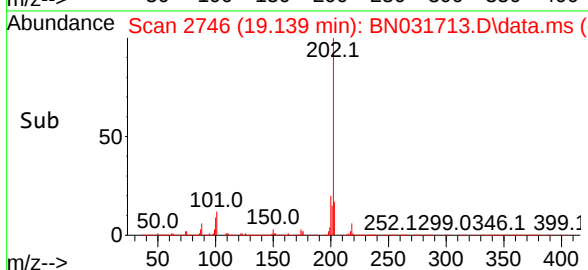
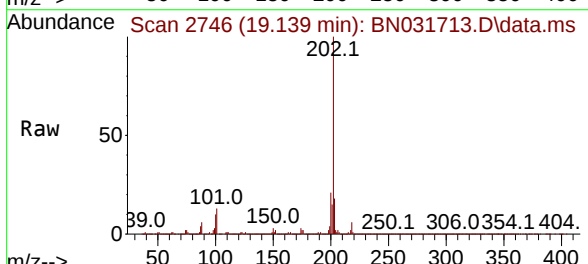
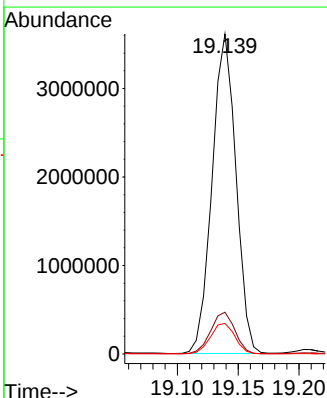
Manual Integrations
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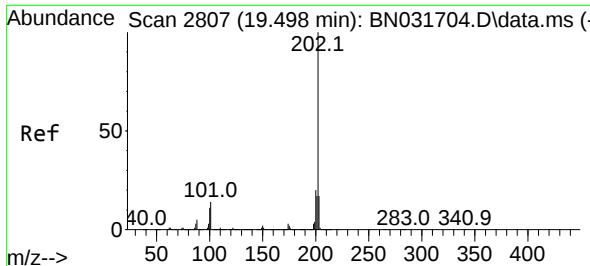
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024



#80
 Fluoranthene
 Concen: 50.899 ng/ul
 RT: 19.139 min Scan# 2746
 Delta R.T. 0.006 min
 Lab File: BN031713.D
 Acq: 30 May 2024 08:24

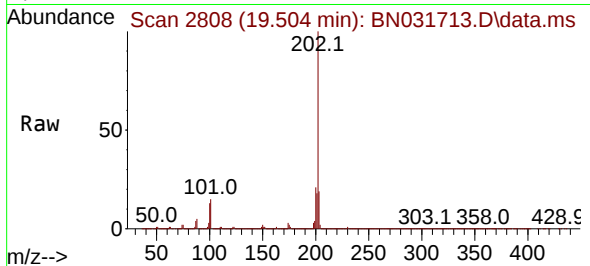
Tgt Ion:	202	Resp:	4923873
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.3	15.5
100	9.5	8.0	12.0





#82
Pyrene
Concen: 68.761 ng/ul
RT: 19.504 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

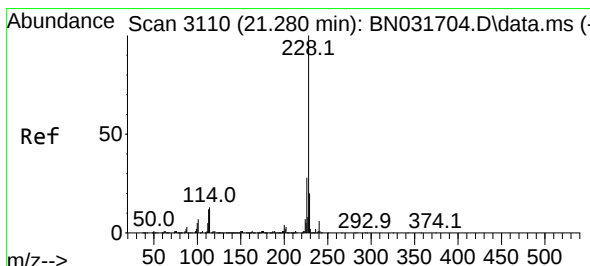
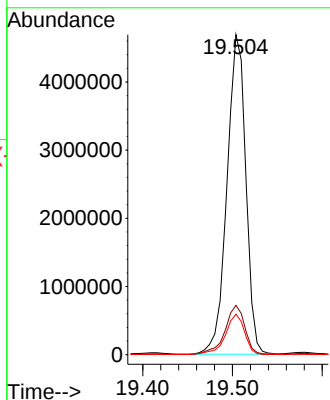
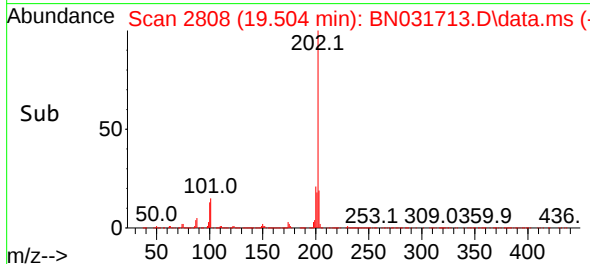
Instrument :
BNA_N
ClientSampleId :
BH6A6



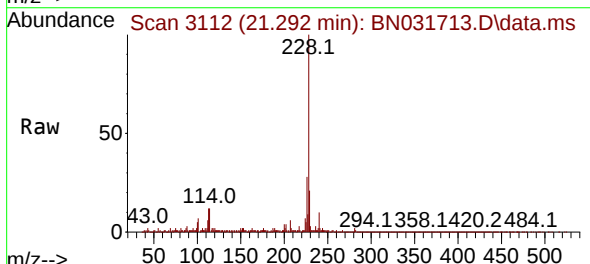
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Ion Ratio Lower Upper
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101 15.4 12.6 18.8
100 12.7 10.2 15.2

Manual Integrations
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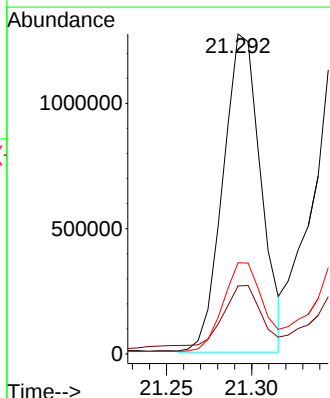
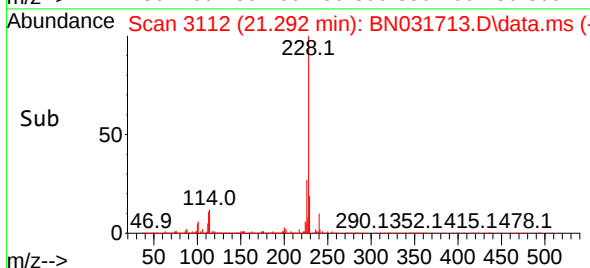
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Supervised By :mohammad ahmed 05/31/2024

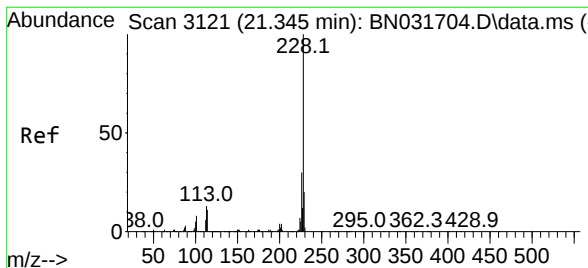


#85
Benzo(a)anthracene
Concen: 19.468 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24



Tgt Ion:228 Resp: 1971115
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 28.5 22.8 34.2





#87

Chrysene

Concen: 31.881 ng/u1

RT: 21.357 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN031713.D

Acq: 30 May 2024 08:24

Instrument :

BNA_N

ClientSampleId :

BH6A6

Tgt Ion:228 Resp: 3015074

Ion Ratio Lower Upper

228 100

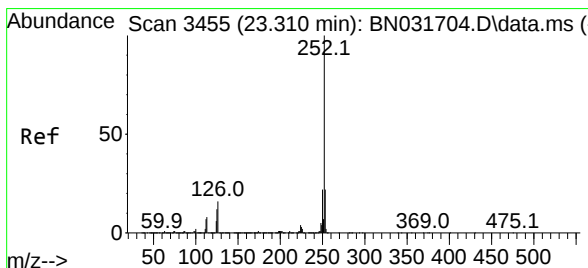
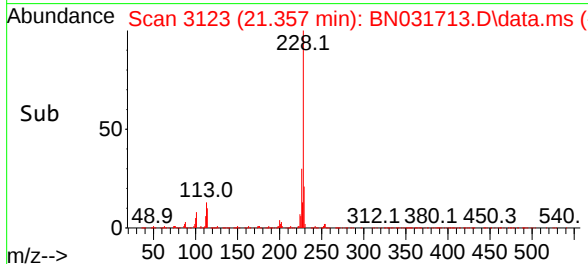
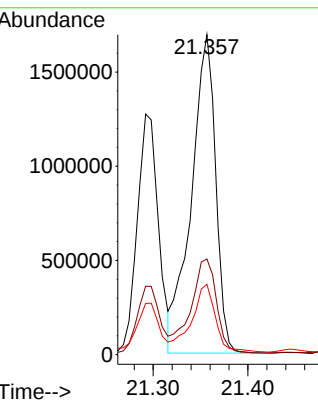
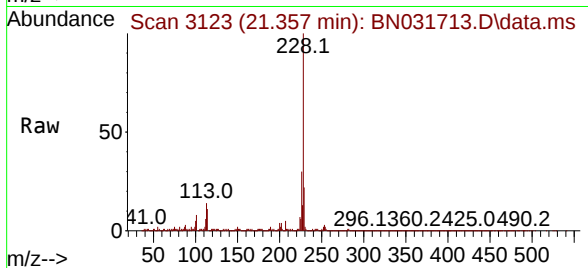
226 29.9 23.7 35.5

229 22.0 15.1 22.7

Manual Integrations

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



#90

Benzo(b)fluoranthene

Concen: 25.958 ng/u1

RT: 23.339 min Scan# 3460

Delta R.T. 0.029 min

Lab File: BN031713.D

Acq: 30 May 2024 08:24

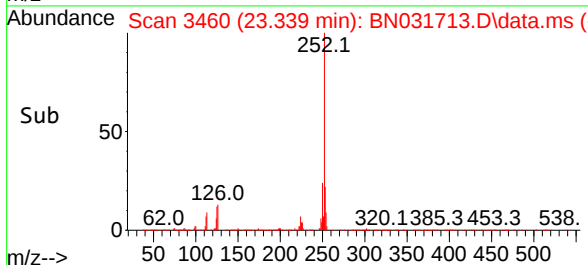
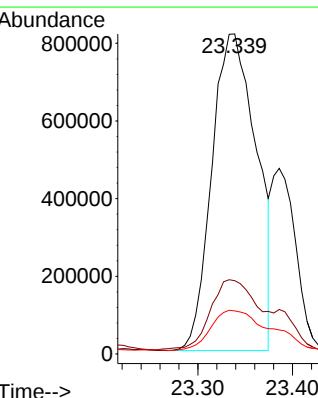
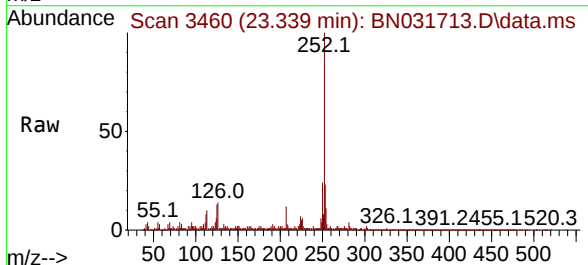
Tgt Ion:252 Resp: 2674747

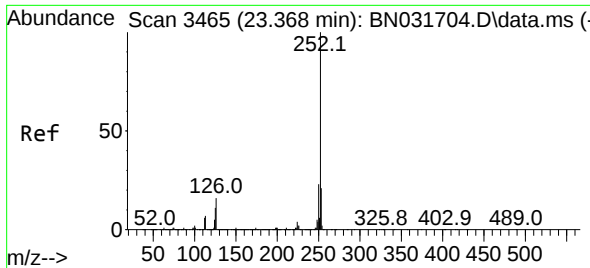
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

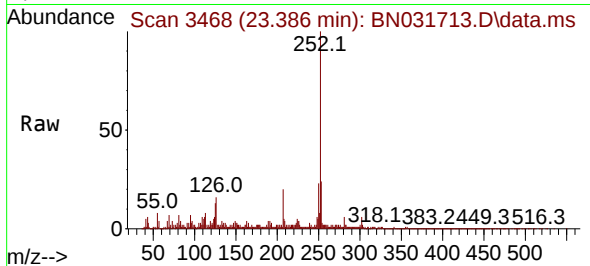
125 13.4 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 7.919 ng/u1
RT: 23.386 min Scan# 3465
Delta R.T. 0.012 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

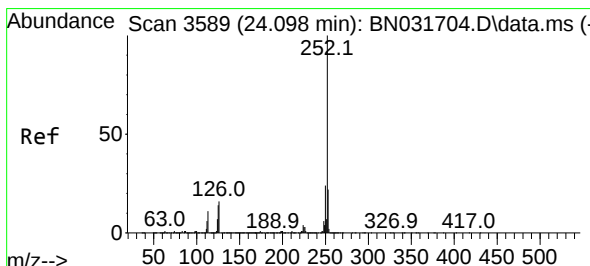
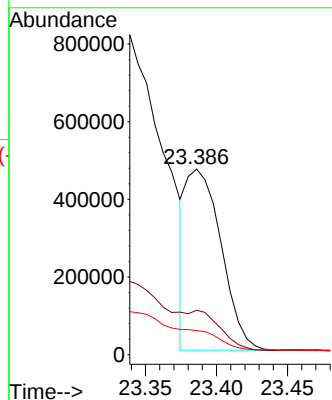
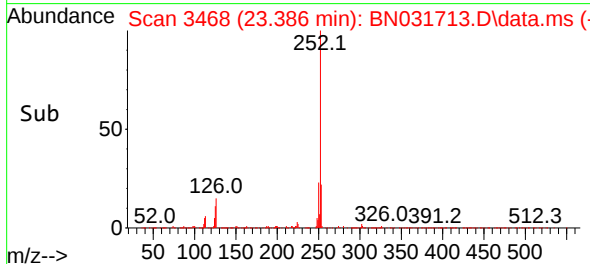
Instrument :
BNA_N
ClientSampleId :
BH6A6



Tgt Ion:252 Resp: 800711
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 13.0 9.4 14.2

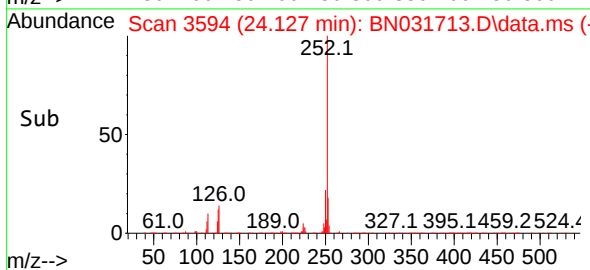
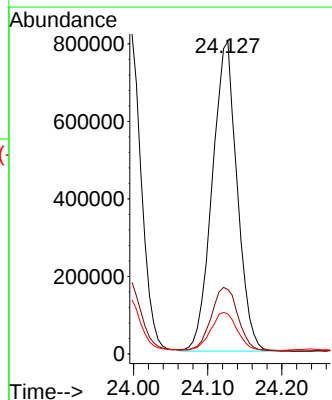
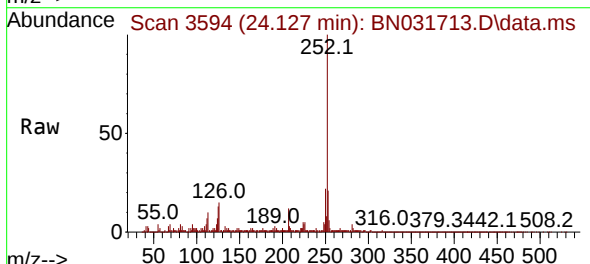
Manual Integrations
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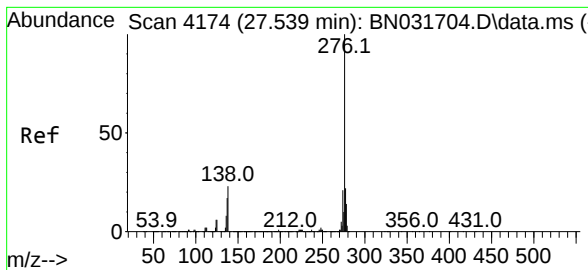
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024



#93
Benzo(a)pyrene
Concen: 19.312 ng/u1
RT: 24.127 min Scan# 3594
Delta R.T. 0.023 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

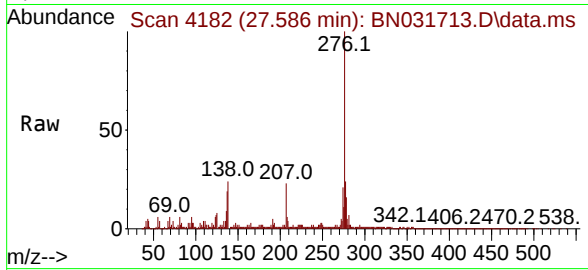
Tgt Ion:252 Resp: 1863680
Ion Ratio Lower Upper
252 100
253 20.6 16.6 24.8
125 12.8 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 15.245 ng/ul
RT: 27.586 min Scan# 4182
Delta R.T. 0.053 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24

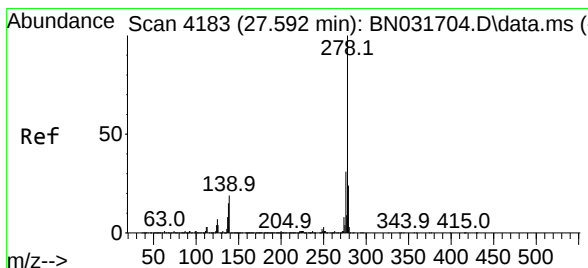
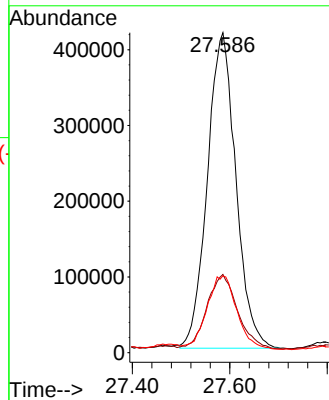
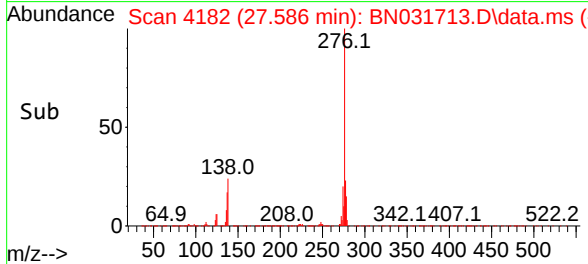
Instrument :
BNA_N
ClientSampleId :
BH6A6



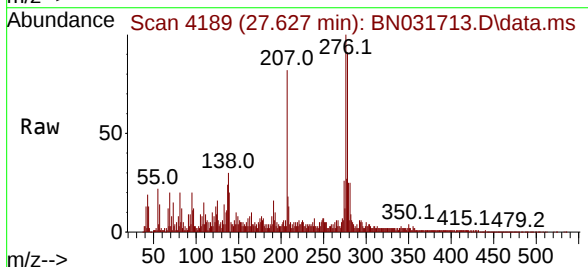
Tgt Ion:276 Resp: 169534
Ion Ratio Lower Upper
276 100
138 24.4 18.1 27.1
277 24.0 18.2 27.2

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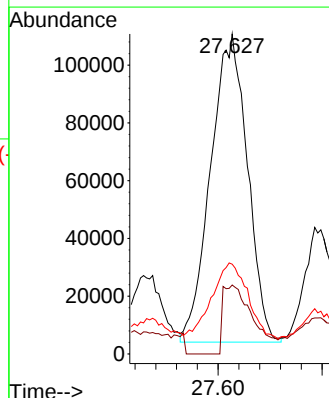
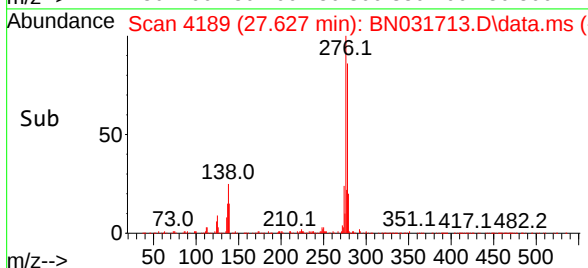
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

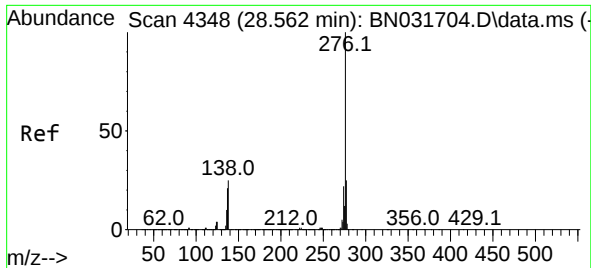


#95
Dibenzo(a,h)anthracene
Concen: 5.764 ng/ul m
RT: 27.627 min Scan# 4189
Delta R.T. 0.023 min
Lab File: BN031713.D
Acq: 30 May 2024 08:24



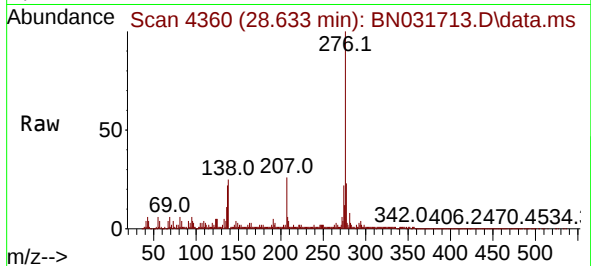
Tgt Ion:278 Resp: 523354
Ion Ratio Lower Upper
278 100
139 21.5 15.0 22.6
279 28.1 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 18.640 ng/ul m
 RT: 28.633 min Scan# 4360
 Delta R.T. 0.064 min
 Lab File: BN031713.D
 Acq: 30 May 2024 08:24

Instrument :
 BNA_N
 ClientSampleId :
 BH6A6



Tgt Ion: 276 Resp: 1647834
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.9 31.3
 277 23.0 18.0 27.0

Manual Integrations
 APPROVED

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

