

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031828.D
 Acq On : 06 Jun 2024 21:12
 Operator : MA/JU
 Sample : P2634-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:58:41 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	7.669	152	451972	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1885955	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1109960	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1838806	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1273119	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1544007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	51529	4.717	ng/uL	0.00
4) Pyridine-d5	3.593	84	241775	7.862	ng/u1	0.00
7) Phenol-d5	6.846	99	1049017	27.074	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	580578	25.617	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	829724	28.065	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	727529	23.034	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	418294	29.008	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	445616	29.916	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	790660	28.432	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.599	131	364457	8.827	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2298672	29.727	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2714216	30.526	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.528	143	293755	18.973	ng/u1	0.00
60) Fluorene-d10	15.310	176	1941838	29.679	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	223606	24.193	ng/u1	0.00
73) Anthracene-d10	17.163	188	2485976	31.579	ng/u1	0.00
81) Pyrene-d10	19.463	212	2238289	32.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1789294	24.269	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.505	128	110504	1.132	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	93416	1.400	ng/u1	98
37) 1-Methylnaphthalene	12.340	142	67960	1.015	ng/u1	98
50) Acenaphthylene	14.034	152	206291	2.053	ng/u1	99
72) Phenanthrene	17.104	178	1628815	17.389	ng/u1	98
74) Anthracene	17.198	178	302838	3.191	ng/u1	99
77) Carbazole	17.469	167	124832	1.542	ng/u1	99
80) Fluoranthene	19.128	202	2945480	36.177	ng/u1	98
82) Pyrene	19.492	202	2431719	29.110	ng/u1	98
83) Butylbenzylphthalate	20.398	149	75505	1.914	ng/u1	93
85) Benzo(a)anthracene	21.280	228	1354161	15.891	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	236816	4.118	ng/u1	98
87) Chrysene	21.339	228	1689209	21.222	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	2294792	24.865	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	629971	6.956	ng/u1	98
93) Benzo(a)pyrene	24.104	252	974516	11.274	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.545	276	940081	9.438	ng/u1	99
95) Dibenzo(a,h)anthracene	27.586	278	297258	3.655	ng/u1#	86
96) Benzo(g,h,i)perylene	28.580	276	144286m	1.822	ng/u1	

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

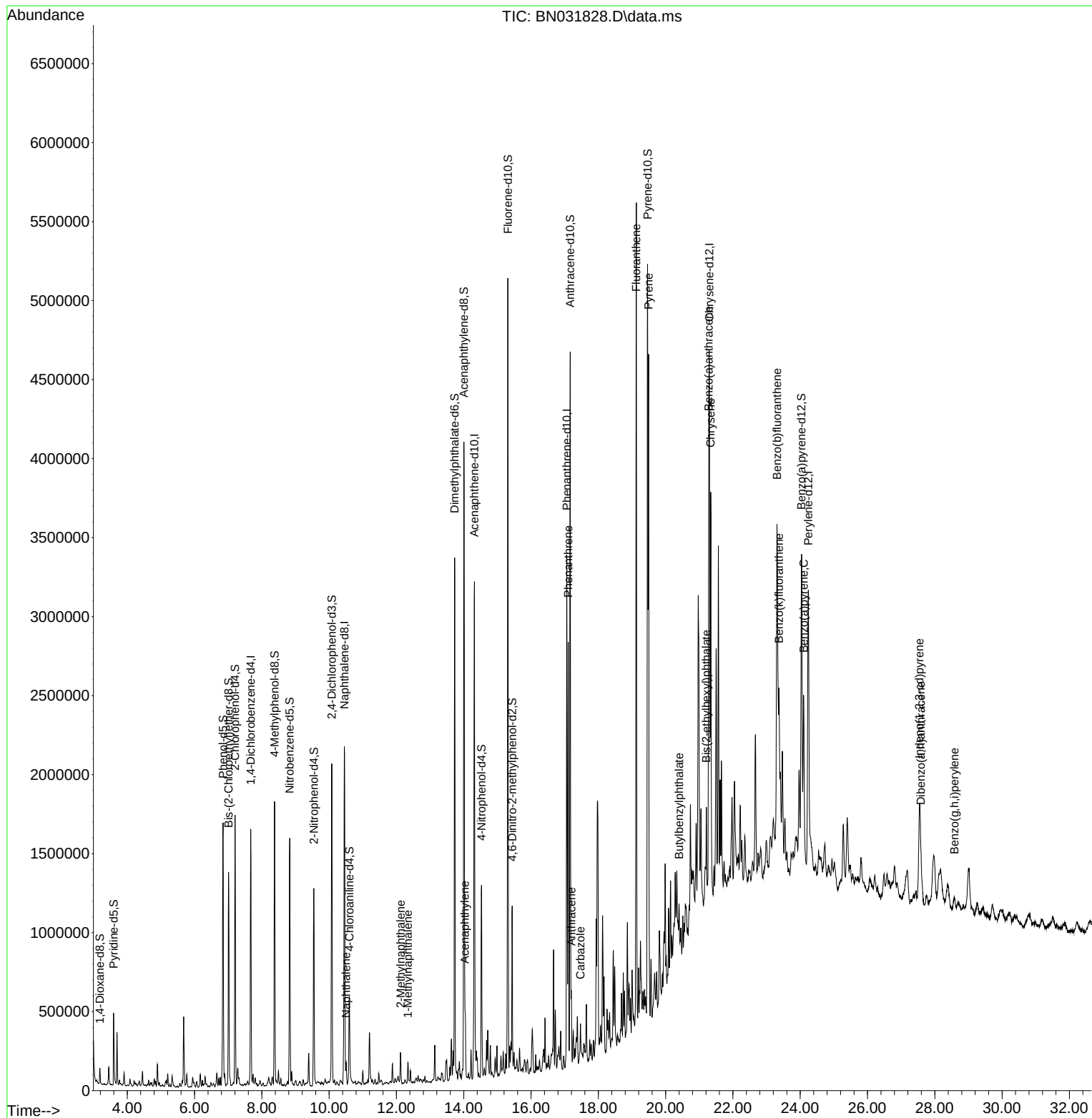
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031828.D
 Acq On : 06 Jun 2024 21:12
 Operator : MA/JU
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 ALS Vial : 16 Sample Multiplier: 1

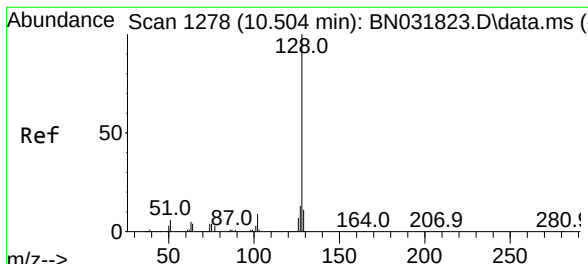
Instrument :
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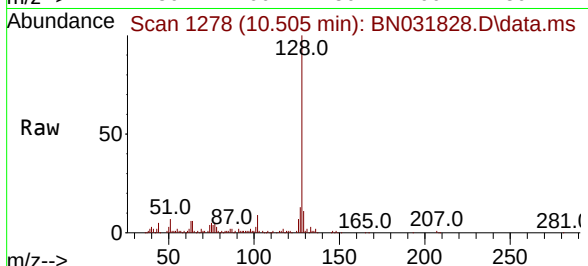
Quant Time: Jun 06 23:58:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#30
Naphthalene
Concen: 1.132 ng/ul
RT: 10.505 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

Instrument :
BNA_N
ClientSampleId :
BHBX9

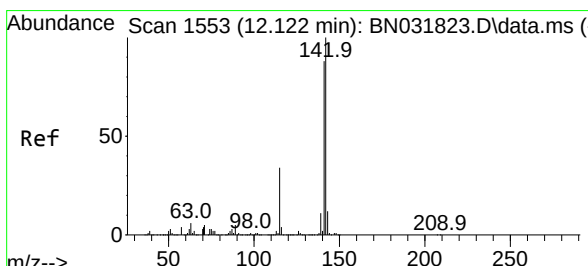
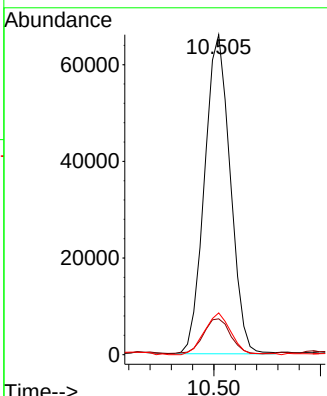
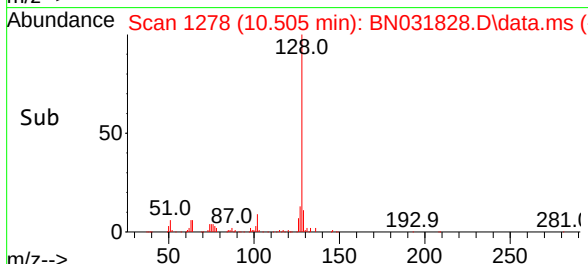


Tgt Ion:128 Resp: 110504

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	13.1	10.3	15.5

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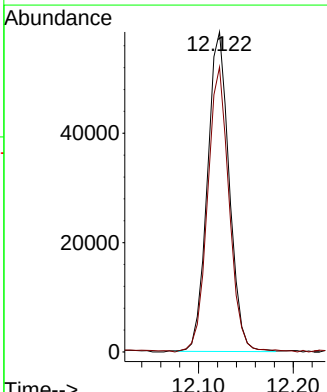
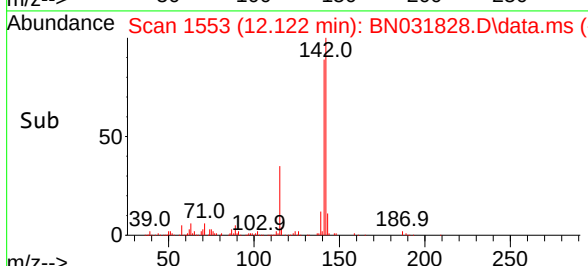
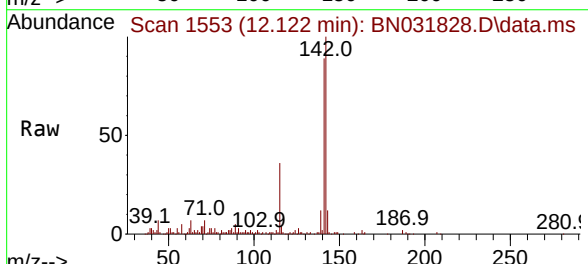
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

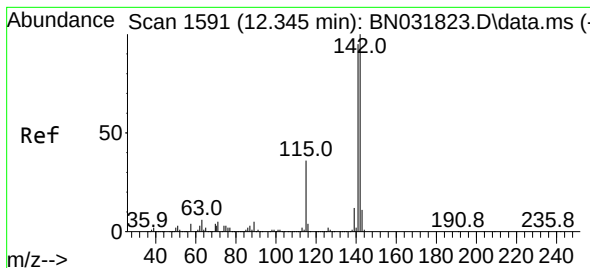


#36
2-Methylnaphthalene
Concen: 1.400 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

Tgt Ion:142 Resp: 93416

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.1	105.1





#37

1-Methylnaphthalene

Concen: 1.015 ng/ul

RT: 12.340 min Scan# 1591

Delta R.T. -0.018 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

BHBX9

Tgt Ion:142 Resp: 67960

Ion Ratio Lower Upper

142 100

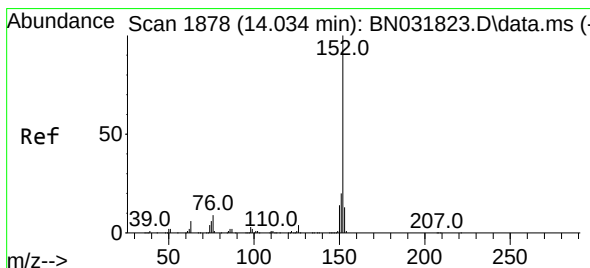
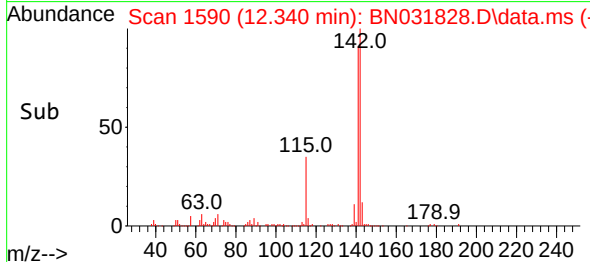
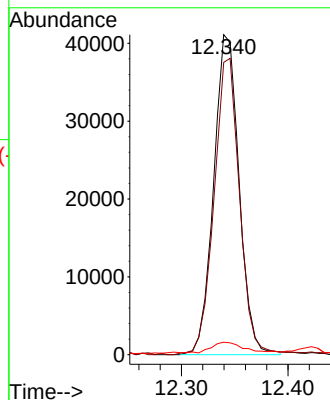
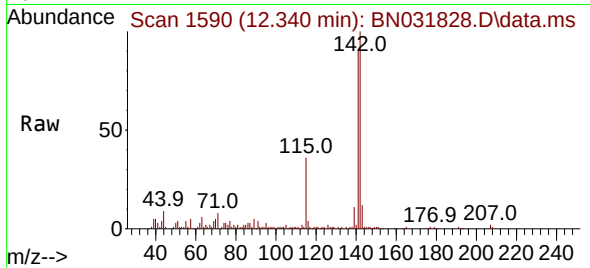
141 91.4 71.7 107.5

116 3.9 3.0 4.4

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#50

Acenaphthylene

Concen: 2.053 ng/ul

RT: 14.034 min Scan# 1878

Delta R.T. -0.012 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

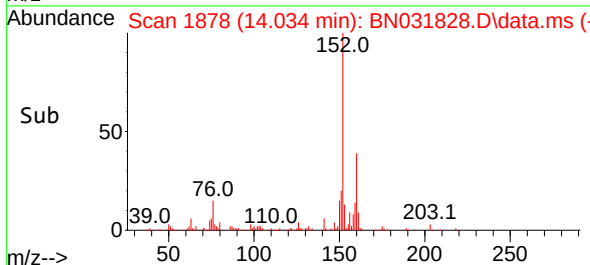
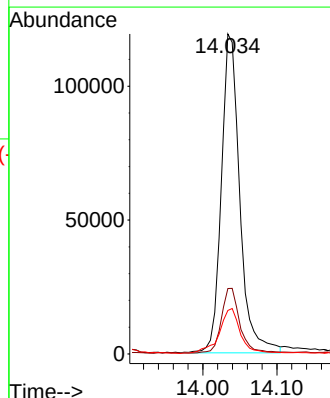
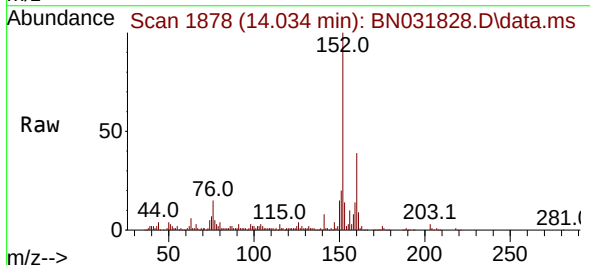
Tgt Ion:152 Resp: 206291

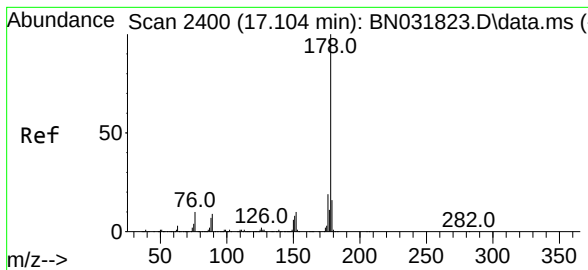
Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

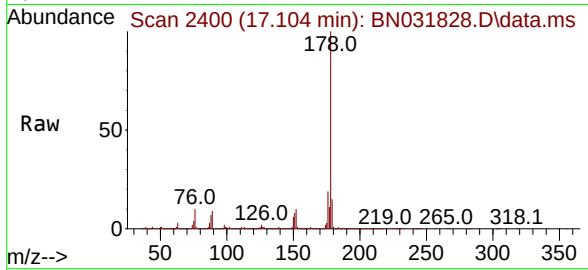
153 13.6 10.4 15.6





#72
 Phenanthrene
 Concen: 17.389 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9

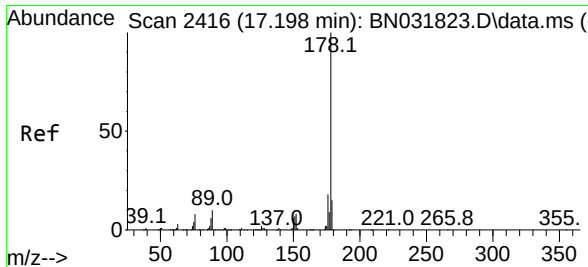
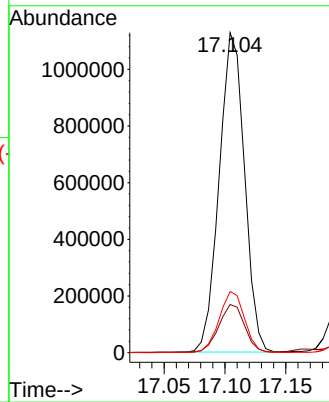
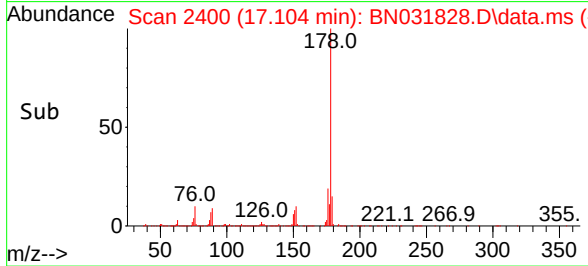


Tgt Ion:178 Resp: 1628815

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	19.1	15.8	23.6

Manual Integrations
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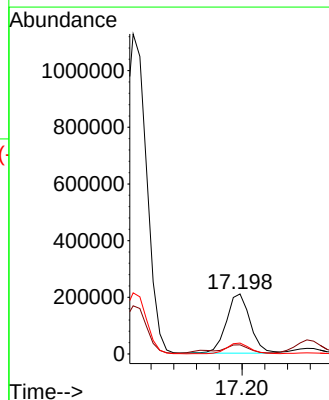
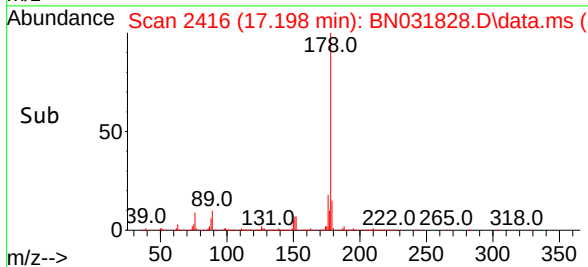
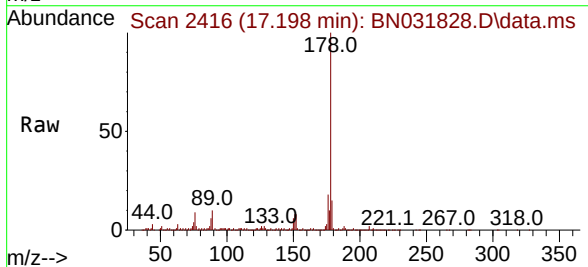
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

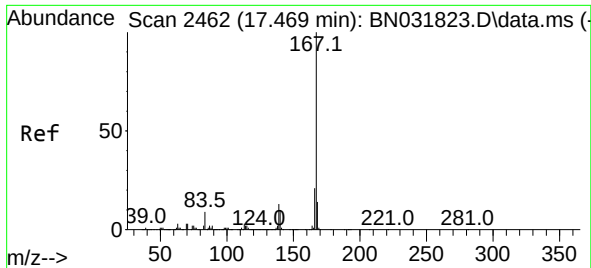


#74
 Anthracene
 Concen: 3.191 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

Tgt Ion:178 Resp: 302838

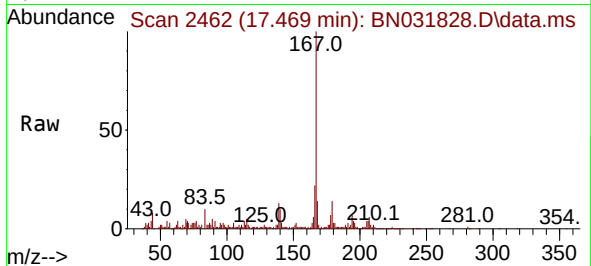
Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.6
176	18.2	14.8	22.2





#77
 Carbazole
 Concen: 1.542 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

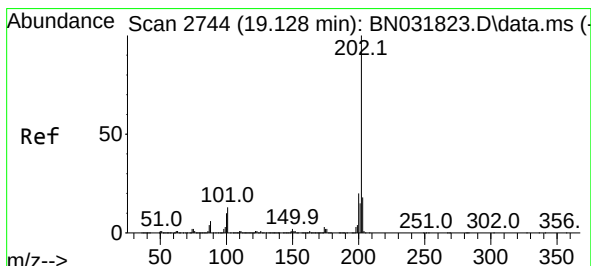
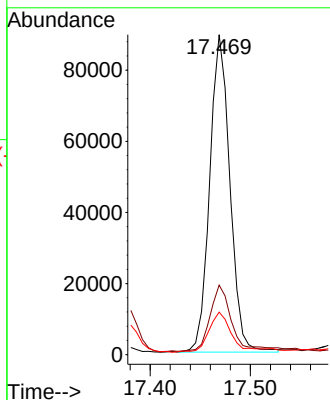
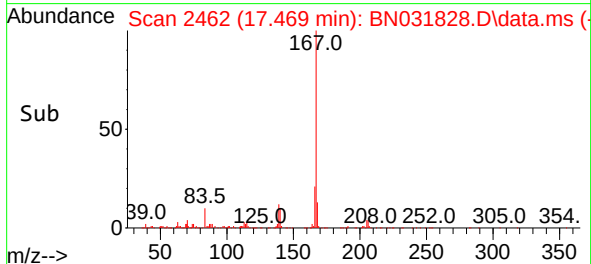
Instrument : BNA_N
 ClientSampleId : BHBX9



Tgt Ion:167 Resp: 124832
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.3 10.5 15.7

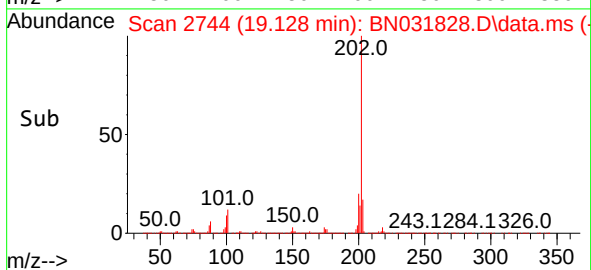
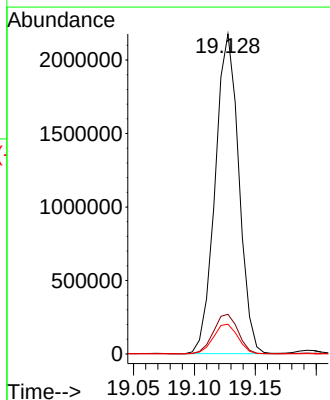
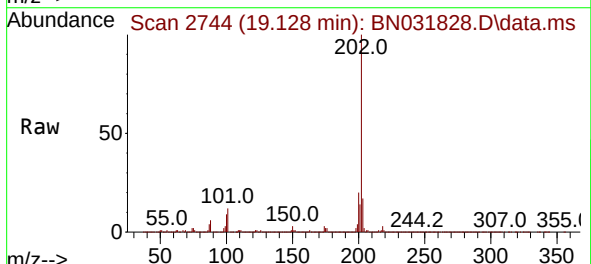
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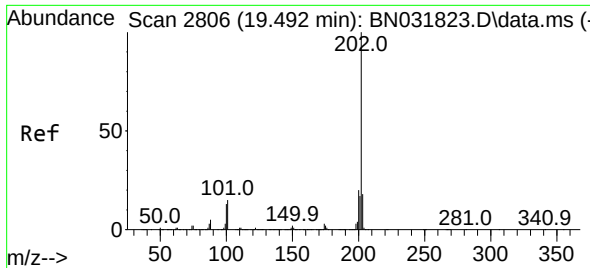
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#80
 Fluoranthene
 Concen: 36.177 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

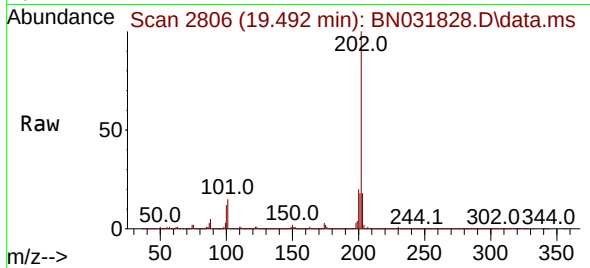
Tgt Ion:202 Resp: 2945480
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.3 15.5
 100 9.3 8.0 12.0





#82
 Pyrene
 Concen: 29.110 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.000 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

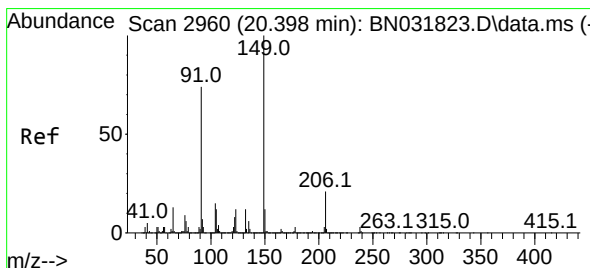
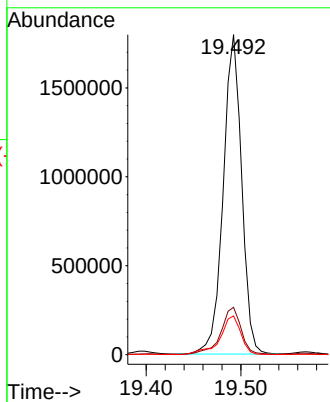
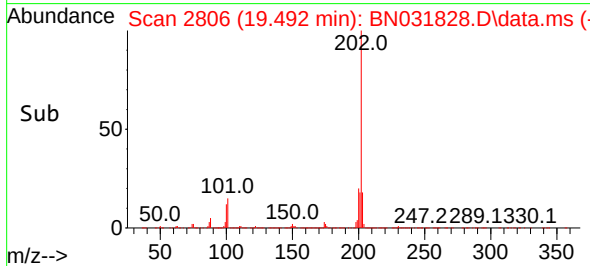
Instrument :
 BNA_N
 ClientSampleId :
 BHBX9



Tgt Ion:202 Resp: 2431719
 Ion Ratio Lower Upper
 202 100
 101 14.8 12.6 18.8
 100 12.1 10.2 15.2

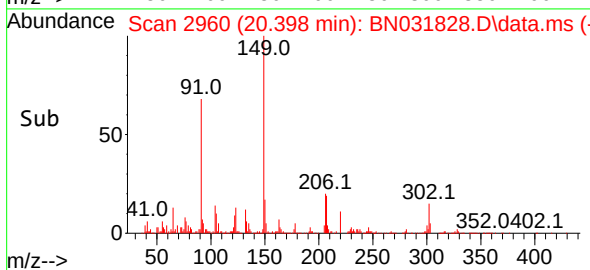
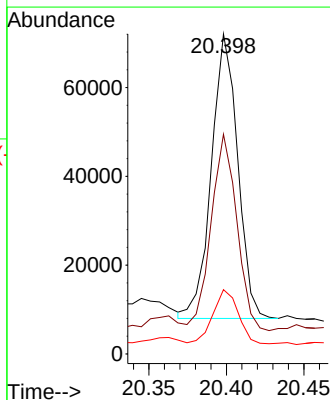
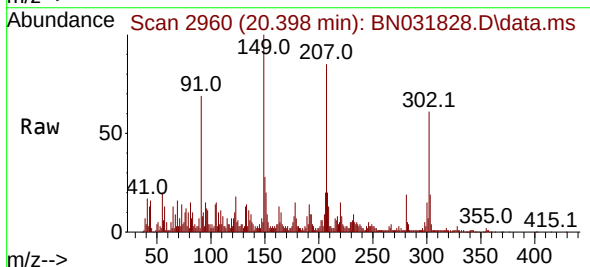
Manual Integrations
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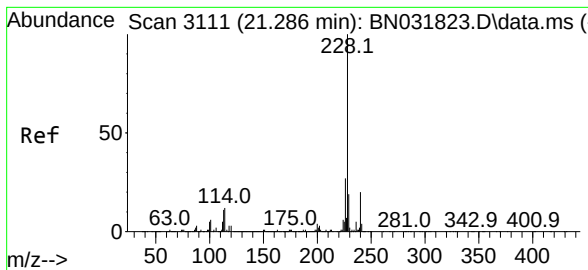
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#83
 Butylbenzylphthalate
 Concen: 1.914 ng/ul
 RT: 20.398 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

Tgt Ion:149 Resp: 75505
 Ion Ratio Lower Upper
 149 100
 91 68.7 61.0 91.4
 206 20.1 16.5 24.7





#85

Benzo(a)anthracene

Concen: 15.891 ng/ul

RT: 21.280 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

BHBX9

Tgt Ion:228 Resp: 135416

Ion Ratio Lower Upper

228 100

229 20.9 16.7 25.1

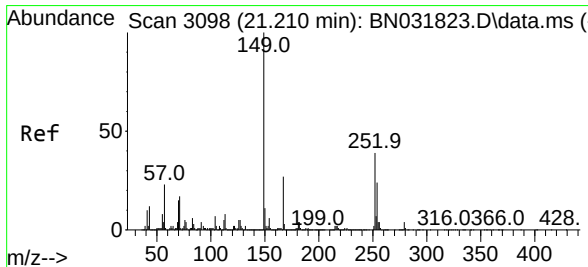
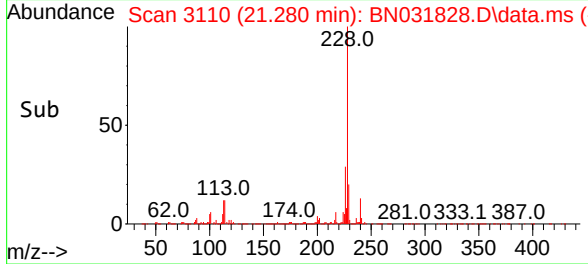
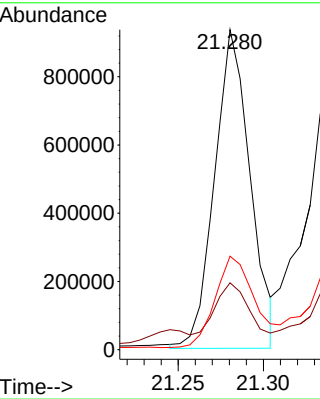
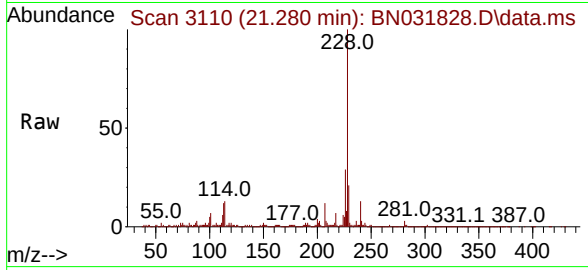
226 29.2 22.8 34.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/08/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.118 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

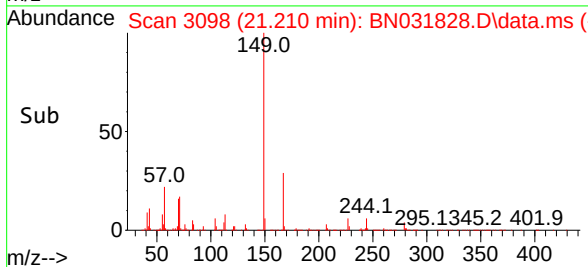
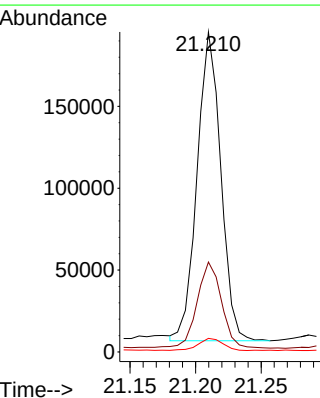
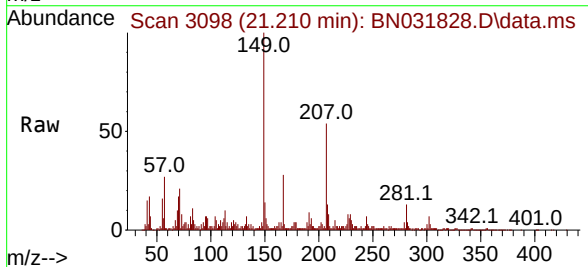
Tgt Ion:149 Resp: 236816

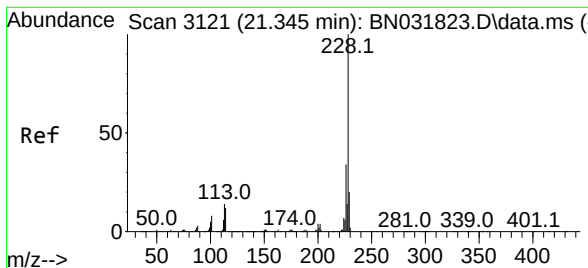
Ion Ratio Lower Upper

149 100

167 28.1 21.4 32.0

279 4.3 3.3 4.9





#87

Chrysene

Concen: 21.222 ng/ul

RT: 21.339 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

BHBX9

Tgt Ion:228 Resp: 1689209

Ion Ratio Lower Upper

228 100

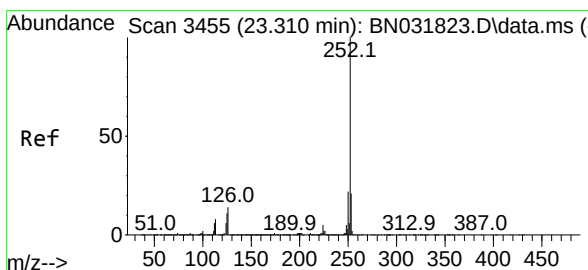
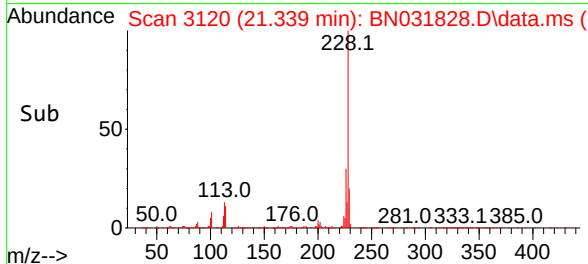
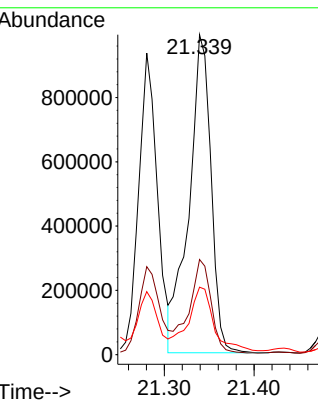
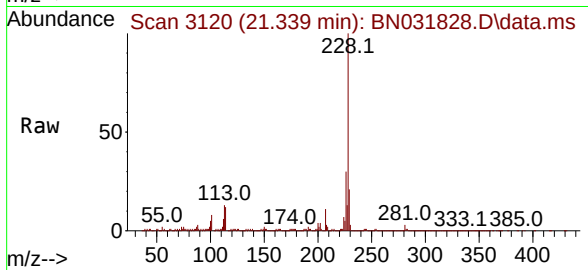
226 29.7 23.7 35.5

229 21.1 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#90

Benzo(b)fluoranthene

Concen: 24.865 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. -0.000 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

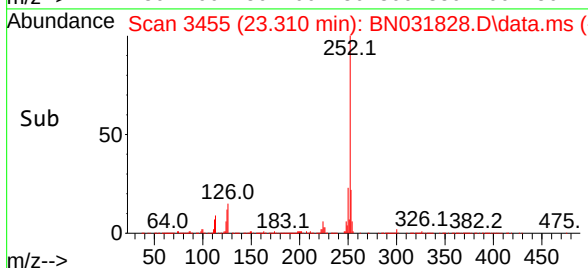
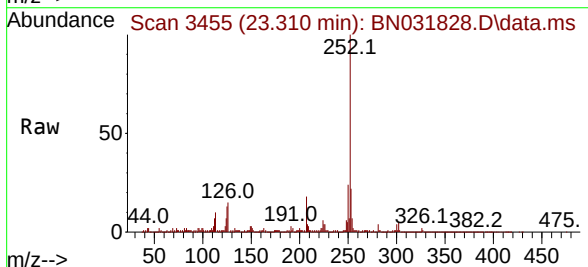
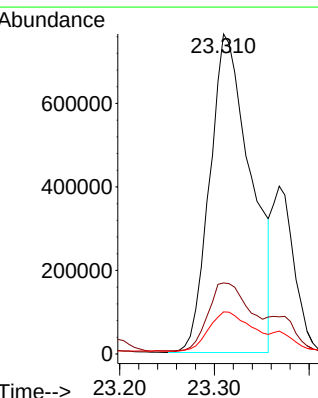
Tgt Ion:252 Resp: 2294792

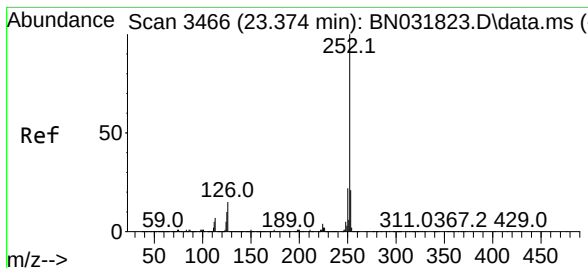
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 13.1 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 6.956 ng/ul

RT: 23.369 min Scan# 3466

Delta R.T. -0.006 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

Instrument :

BNA_N

ClientSampleId :

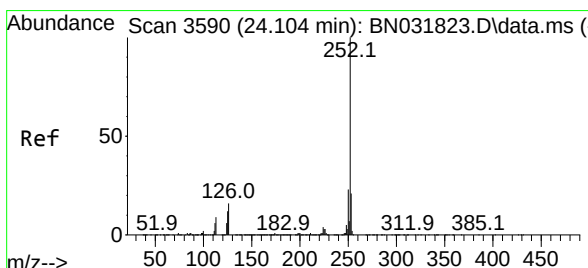
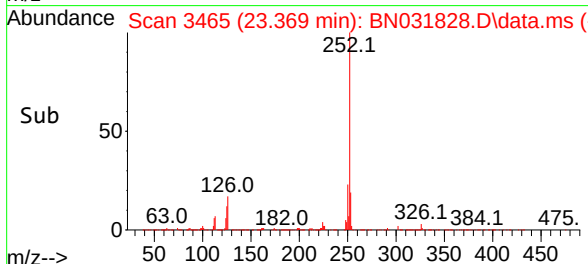
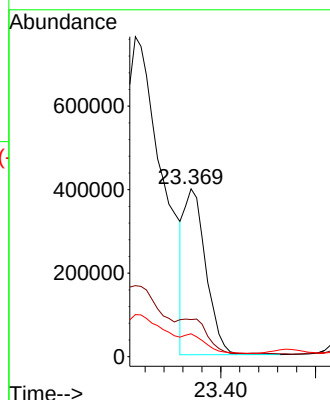
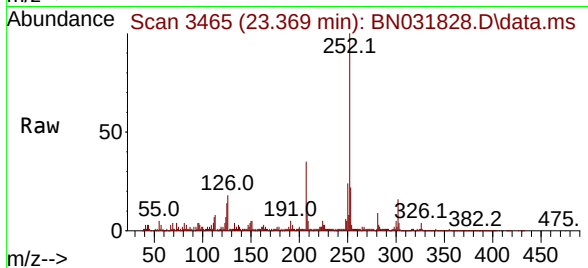
BHBX9

Tgt Ion:	252	Resp:	62997
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	13.7	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#93

Benzo(a)pyrene

Concen: 11.274 ng/ul

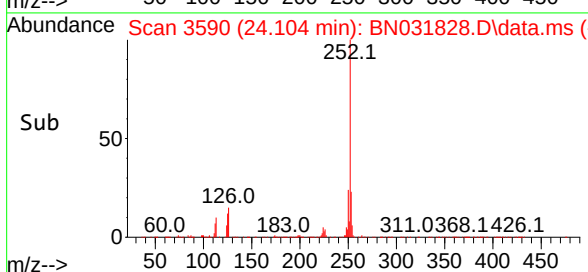
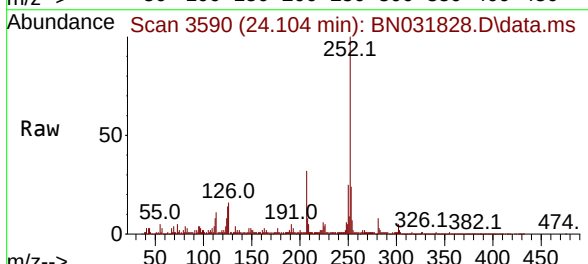
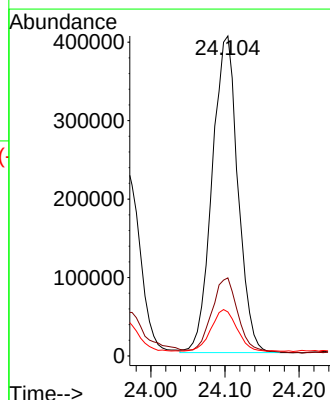
RT: 24.104 min Scan# 3590

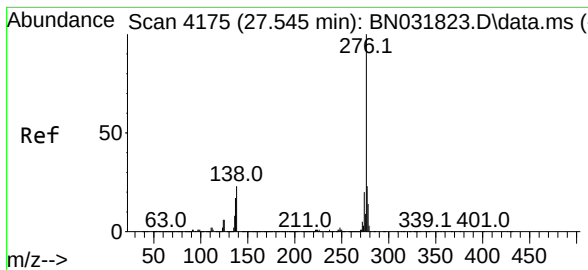
Delta R.T. -0.000 min

Lab File: BN031828.D

Acq: 06 Jun 2024 21:12

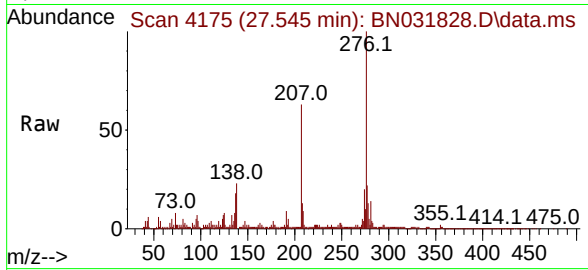
Tgt Ion:	252	Resp:	974516
Ion Ratio	Lower	Upper	
252	100		
253	24.4	16.6	24.8
125	13.8	9.8	14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng/ul
RT: 27.545 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12

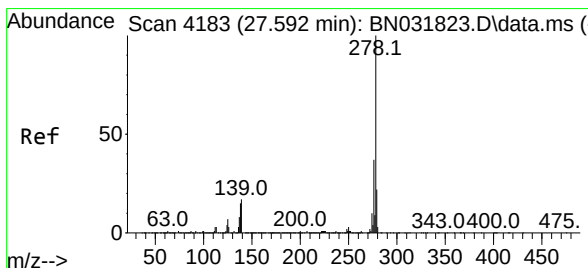
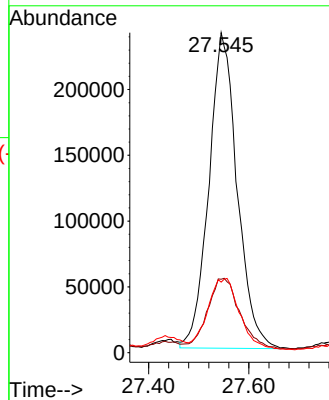
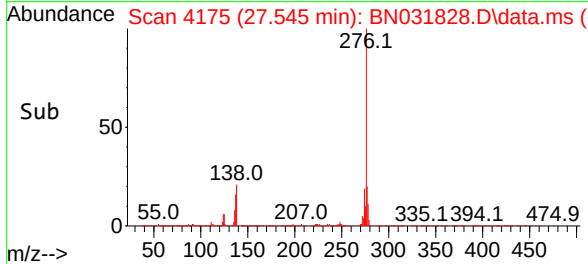
Instrument :
BNA_N
ClientSampleId :
BHBX9



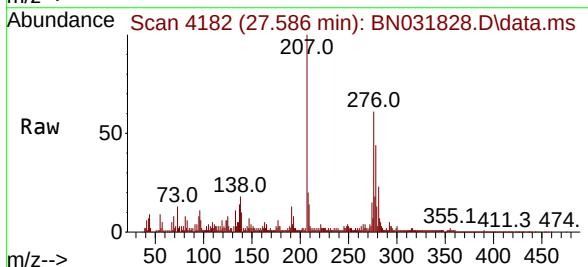
Tgt Ion:276 Resp: 94008
Ion Ratio Lower Upper
276 100
138 23.0 18.1 27.1
277 22.1 18.2 27.2

Manual Integrations
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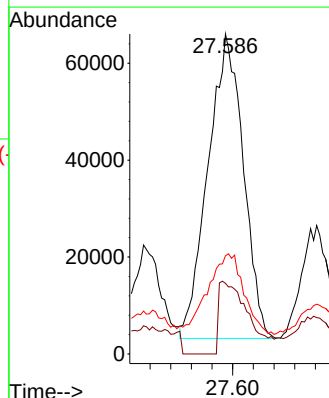
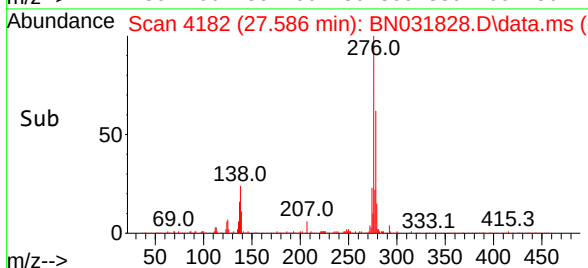
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

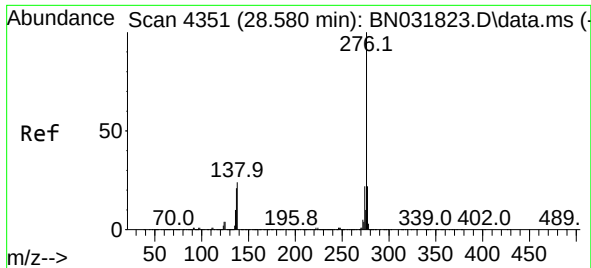


#95
Dibenzo(a,h)anthracene
Concen: 3.655 ng/ul
RT: 27.586 min Scan# 4182
Delta R.T. -0.018 min
Lab File: BN031828.D
Acq: 06 Jun 2024 21:12



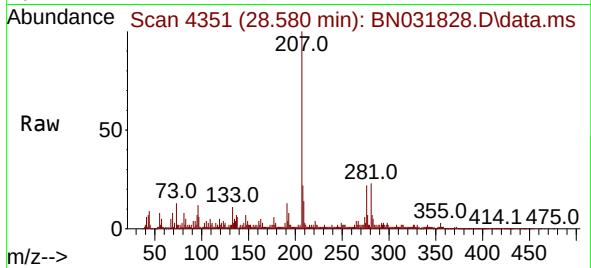
Tgt Ion:278 Resp: 297258
Ion Ratio Lower Upper
278 100
139 22.1 15.0 22.6
279 30.7 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.822 ng/ul m
 RT: 28.580 min Scan# 4351
 Delta R.T. 0.012 min
 Lab File: BN031828.D
 Acq: 06 Jun 2024 21:12

Instrument :
 BNA_N
 ClientSampleId :
 BHBX9



Tgt Ion:276 Resp: 144280
 Ion Ratio Lower Upper
 276 100
 138 28.6 20.9 31.3
 277 29.9 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

