

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031653.D
 Acq On : 24 May 2024 09:44
 Operator : MA/JU
 Sample : P2547-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 22:50:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	483290	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2035201	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1129791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1794705	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1293753	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1530053	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	9051	0.742	ng/uL	0.00
4) Pyridine-d5	3.605	84	125313	3.683	ng/u1	0.00
7) Phenol-d5	6.852	99	170698	4.291	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	109154	4.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	133131	4.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	120301	3.906	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	60853	3.951	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	51538	3.504	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	115962	4.032	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	172343	4.157	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	342282	4.807	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	402089	4.506	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	26142	1.941	ng/u1	0.00
60) Fluorene-d10	15.322	176	287952	4.667	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	14262	1.838	ng/u1	0.00
73) Anthracene-d10	17.169	188	375156	4.938	ng/u1	0.00
81) Pyrene-d10	19.463	212	362973	4.473	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	345064	4.791	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.522	128	169523	1.619	ng/u1	100
52) Acenaphthene	14.386	153	219754	3.292	ng/u1	92
56) Dibenzofuran	14.722	168	180136	2.022	ng/u1	96
61) Fluorene	15.375	166	183758	2.633	ng/u1	99
72) Phenanthrene	17.110	178	2423984	26.613	ng/u1	97
74) Anthracene	17.204	178	573708	6.278	ng/u1	98
77) Carbazole	17.475	167	228760	2.934	ng/u1	98
80) Fluoranthene	19.133	202	2284077	22.771	ng/u1	98
82) Pyrene	19.492	202	1824506	17.736	ng/u1	95
85) Benzo(a)anthracene	21.286	228	872654	10.031	ng/u1	99
87) Chrysene	21.345	228	774216	9.634	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	951163	10.653	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	344412	3.784	ng/u1	97
93) Benzo(a)pyrene	24.098	252	764726	8.916	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	472356	4.589	ng/u1	99
95) Dibenzo(a,h)anthracene	27.562	278	113510m	1.339	ng/u1	
96) Benzo(g,h,i)perylene	28.556	276	461785	5.430	ng/u1	97

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

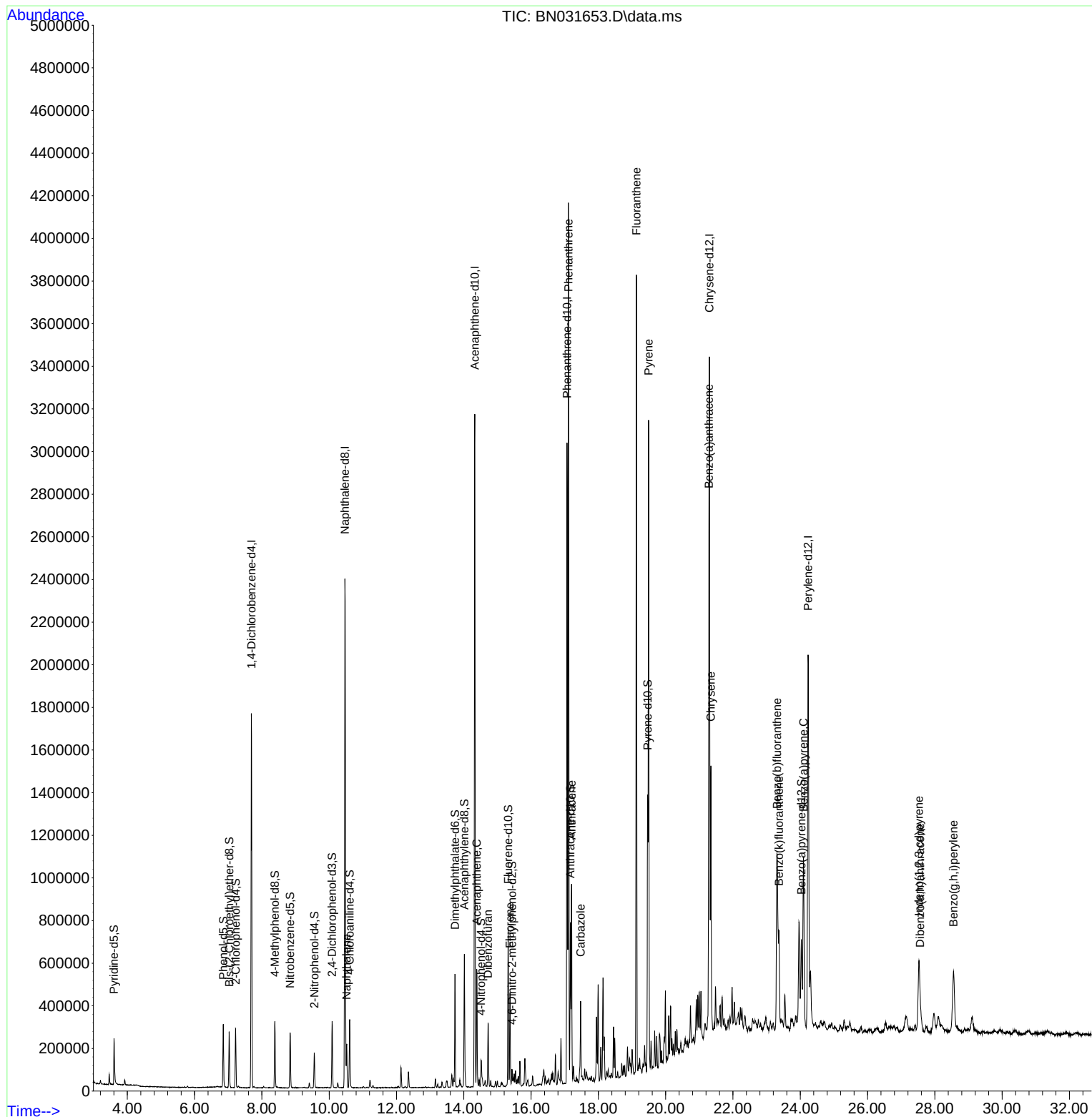
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031653.D
Acq On : 24 May 2024 09:44
Operator : MA/JU
Sample : P2547-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

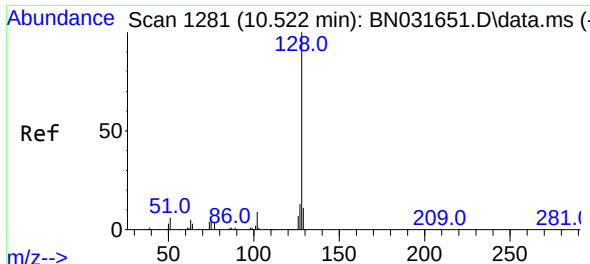
Instrument :
BNA_N
ClientSampleId :
BH5W9DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

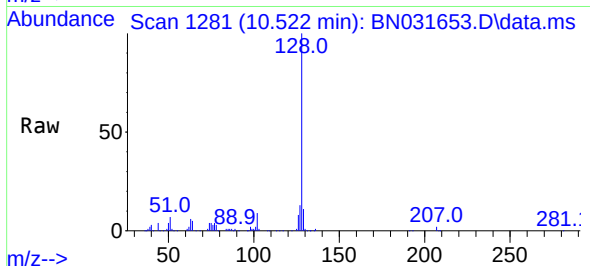
Quant Time: May 24 22:50:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.619 ng/u1
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

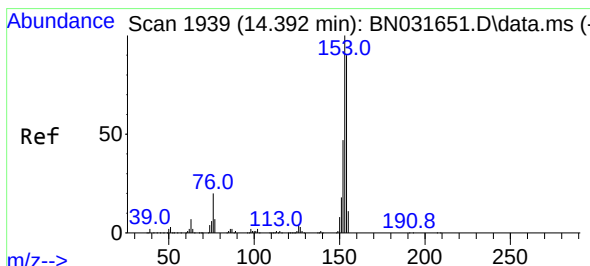
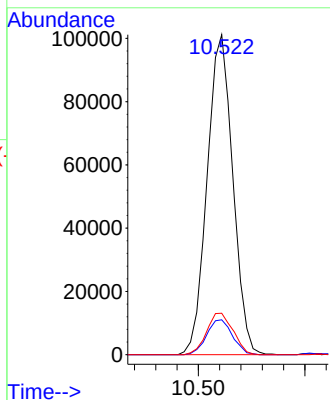
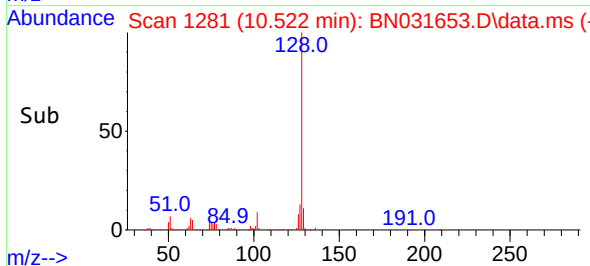
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



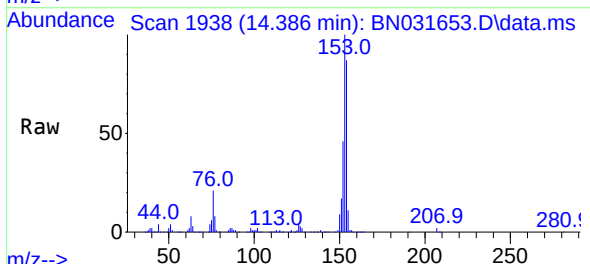
Tgt Ion:128 Resp: 16952
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.2 15.2

Manual Integrations
APPROVED

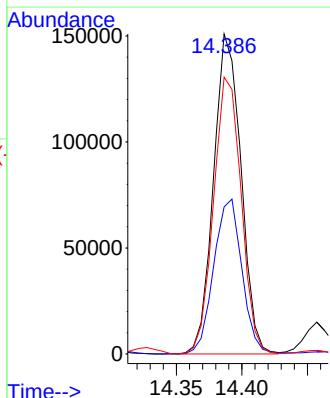
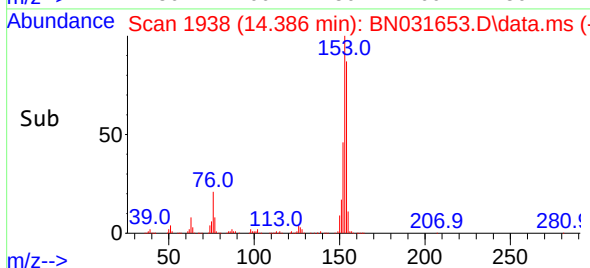
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

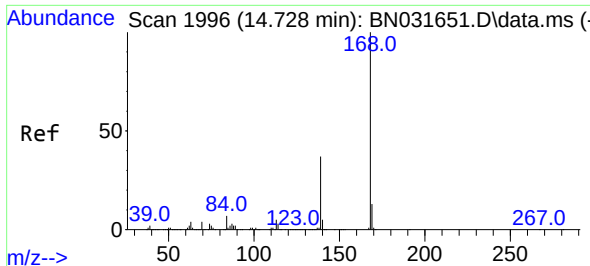


#52
Acenaphthene
Concen: 3.292 ng/u1
RT: 14.386 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44



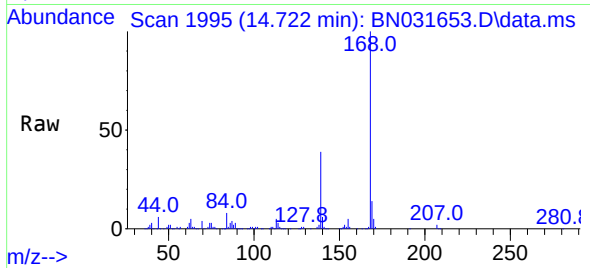
Tgt Ion:153 Resp: 219754
Ion Ratio Lower Upper
153 100
152 45.9 40.5 60.7
154 86.5 76.6 114.8





#56
Dibenzenofuran
Concen: 2.022 ng/ul
RT: 14.722 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

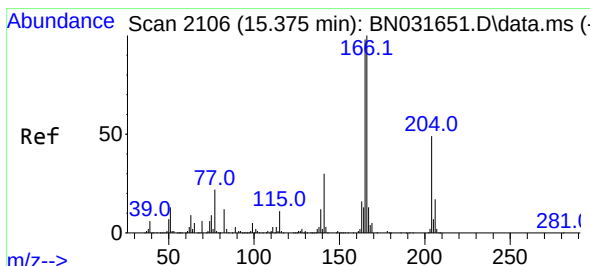
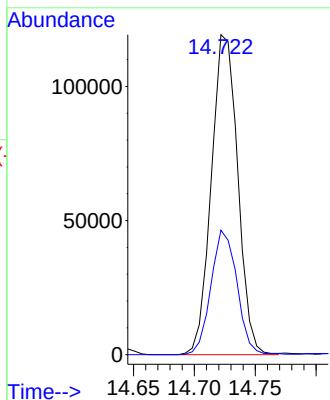
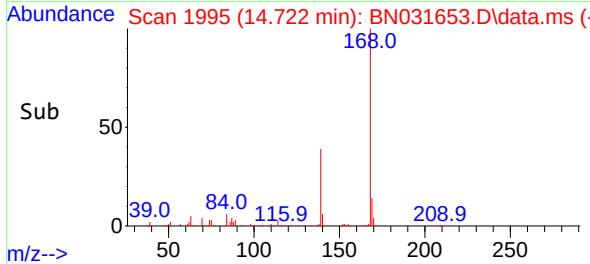
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



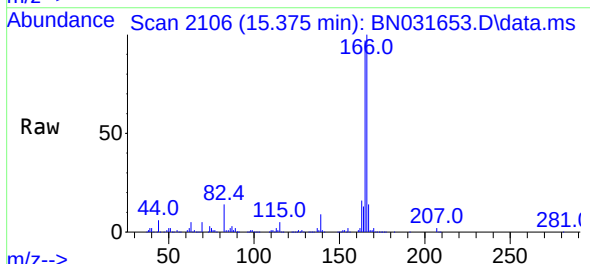
Tgt Ion:168 Resp: 180130
Ion Ratio Lower Upper
168 100
139 38.9 29.2 43.8

Manual Integrations
APPROVED

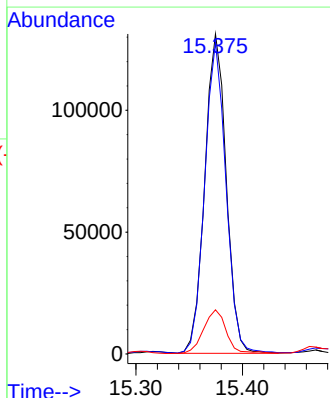
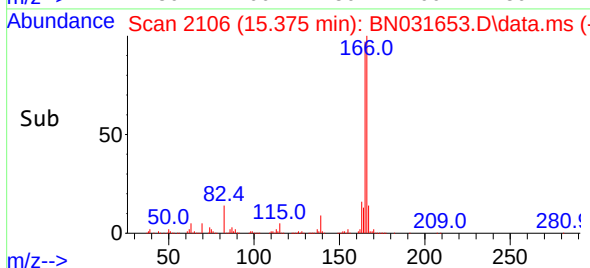
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

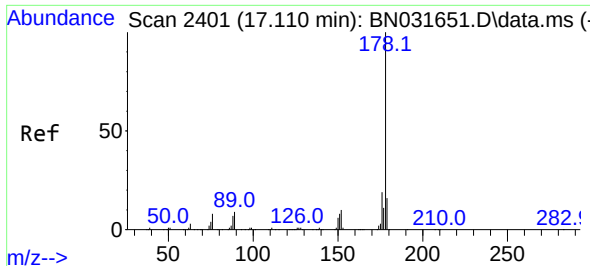


#61
Fluorene
Concen: 2.633 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44



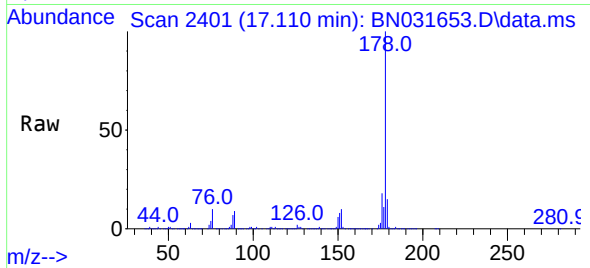
Tgt Ion:166 Resp: 183758
Ion Ratio Lower Upper
166 100
165 97.4 77.0 115.6
167 13.8 10.9 16.3





#72
Phenanthrene
Concen: 26.613 ng/u1
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

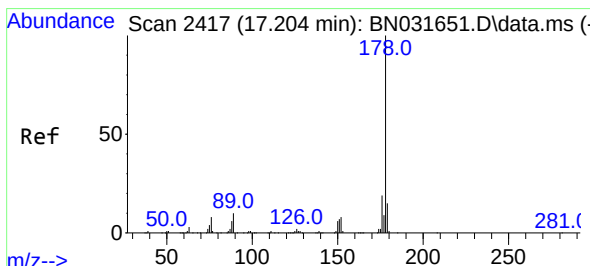
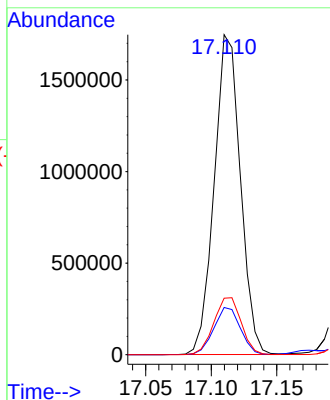
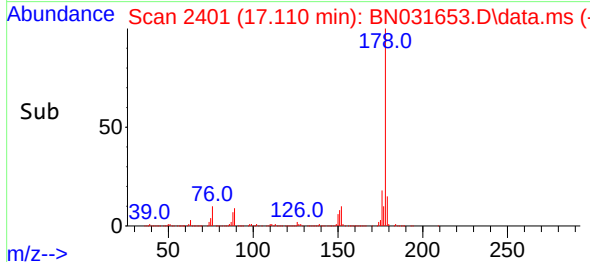
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



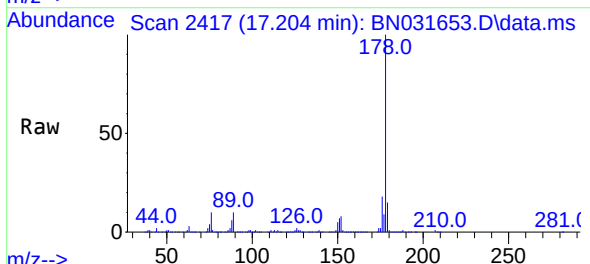
Tgt Ion:178 Resp: 2423984
Ion Ratio Lower Upper
178 100
179 14.7 12.6 18.8
176 17.6 15.2 22.8

Manual Integrations
APPROVED

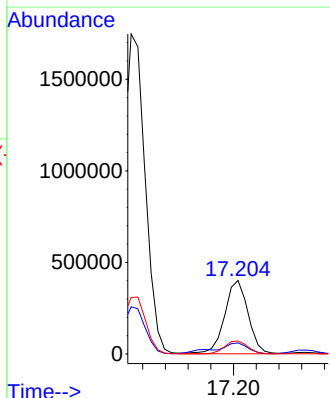
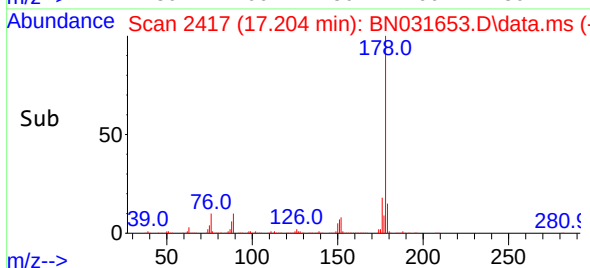
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

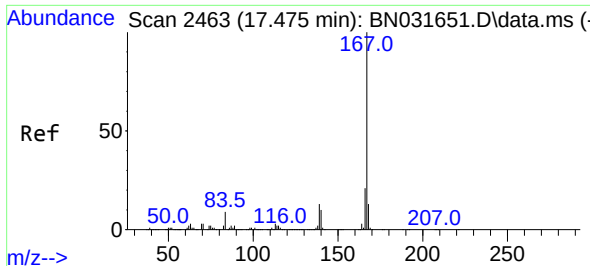


#74
Anthracene
Concen: 6.278 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44



Tgt Ion:178 Resp: 573708
Ion Ratio Lower Upper
178 100
179 15.1 11.9 17.9
176 17.6 15.4 23.2





#77
 Carbazole
 Concen: 2.934 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031653.D
 Acq: 24 May 2024 09:44

Instrument :

BNA_N

ClientSampleId :

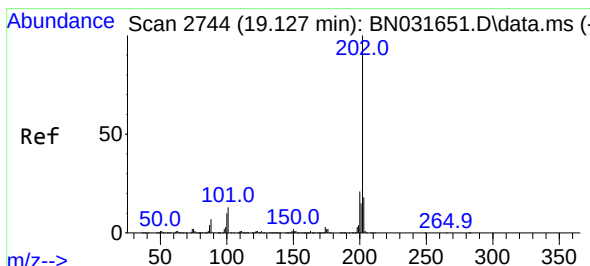
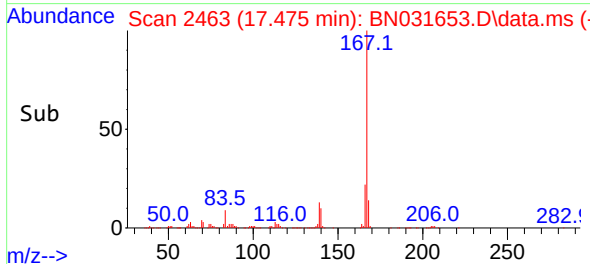
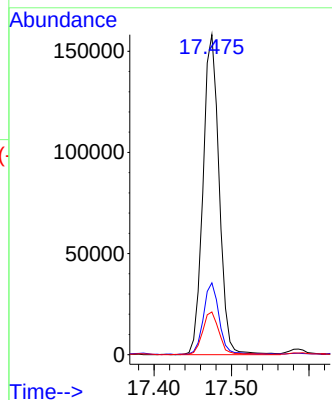
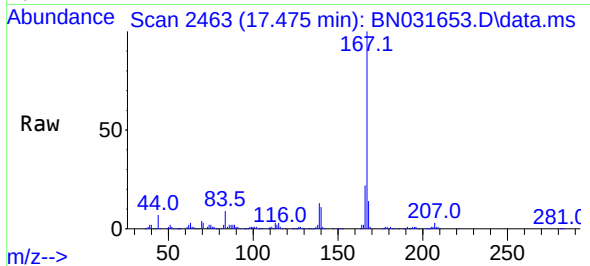
BH5W9DL

Tgt Ion:167 Resp: 228760
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.7 25.1
 139 13.3 10.5 15.7

Manual Integrations

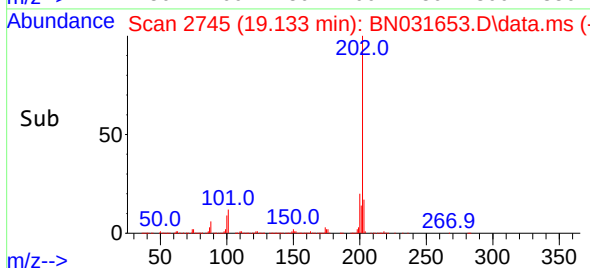
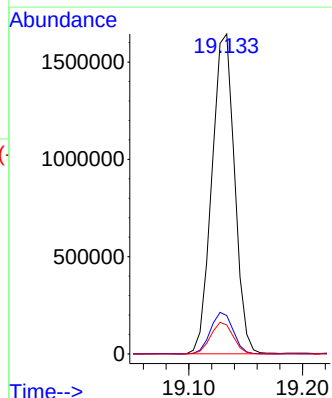
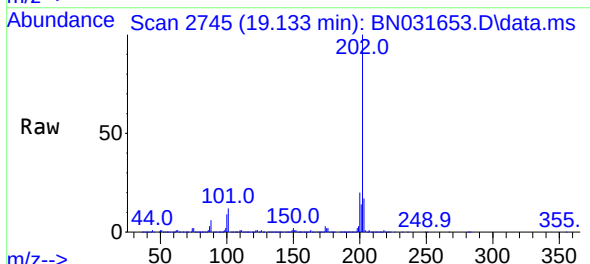
APPROVED

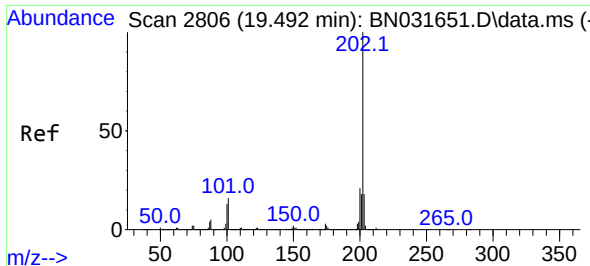
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024



#80
 Fluoranthene
 Concen: 22.771 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031653.D
 Acq: 24 May 2024 09:44

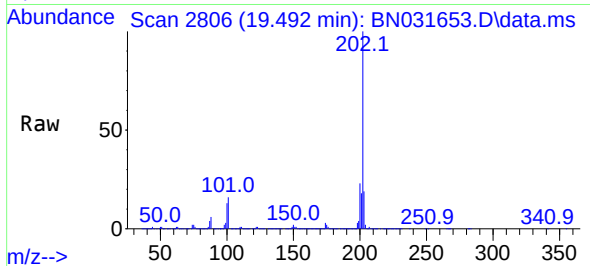
Tgt Ion:202 Resp: 2284077
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.1 15.1
 100 9.1 8.0 12.0





#82
Pyrene
Concen: 17.736 ng/ul
RT: 19.492 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

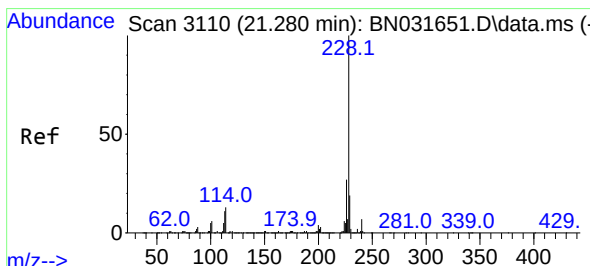
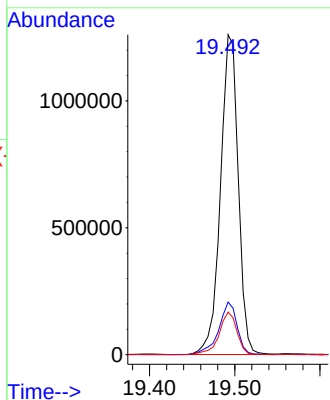
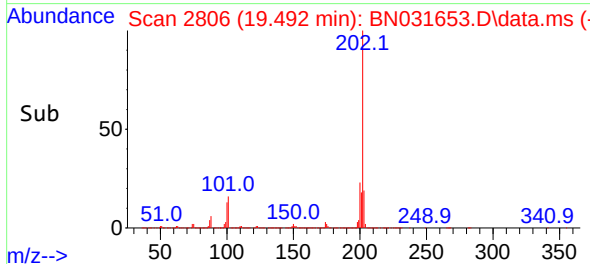
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



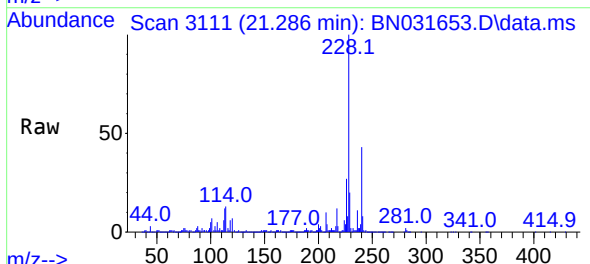
Tgt Ion:202 Resp: 1824500
Ion Ratio Lower Upper
202 100
101 16.4 11.4 17.2
100 13.3 9.3 13.9

Manual Integrations
APPROVED

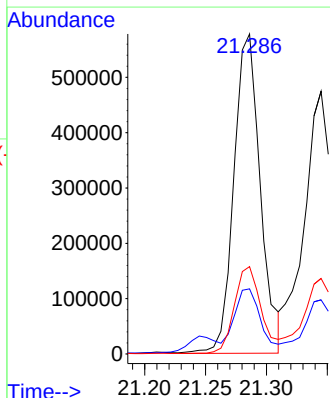
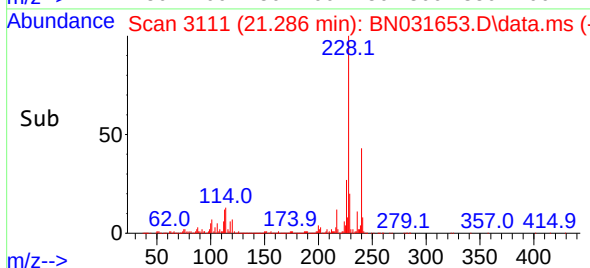
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

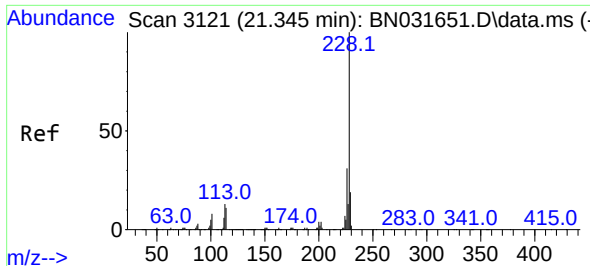


#85
Benzo(a)anthracene
Concen: 10.031 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44



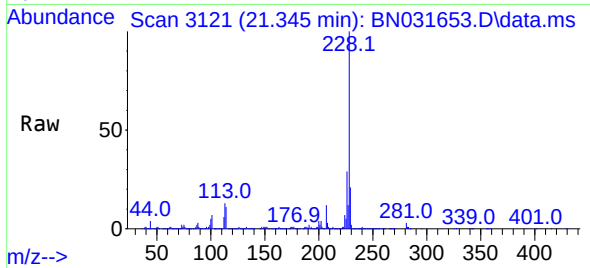
Tgt Ion:228 Resp: 872654
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.3 21.9 32.9





#87
Chrysene
Concen: 9.634 ng/u1
RT: 21.345 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

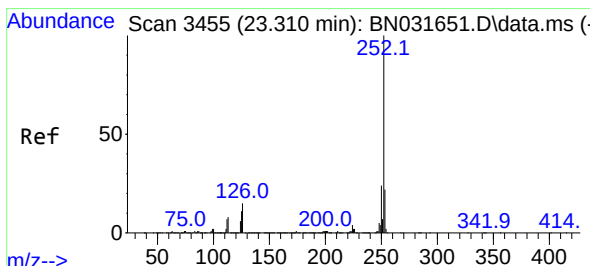
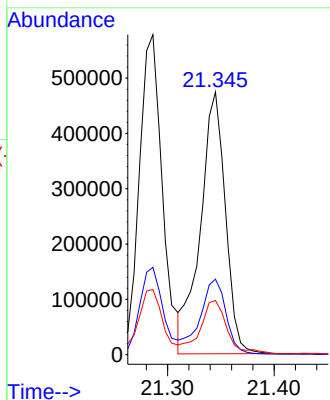
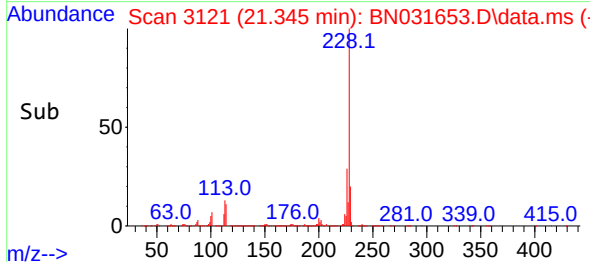
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



Tgt Ion:228 Resp: 774210
Ion Ratio Lower Upper
228 100
226 28.7 22.9 34.3
229 20.6 15.2 22.8

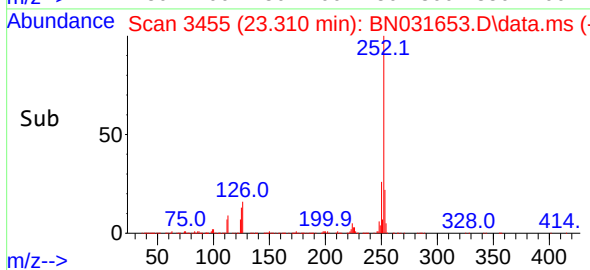
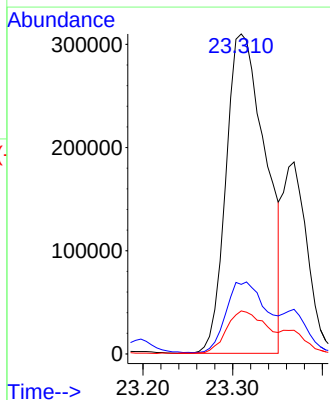
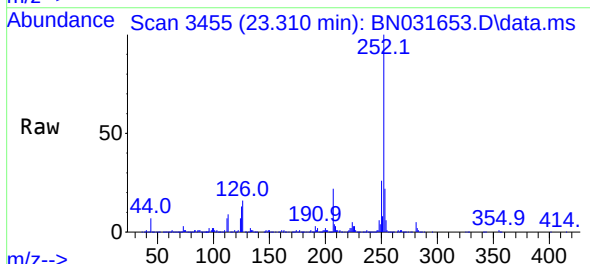
Manual Integrations
APPROVED

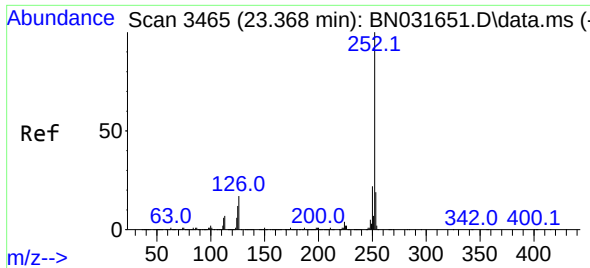
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#90
Benzo(b)fluoranthene
Concen: 10.653 ng/u1
RT: 23.310 min Scan# 3455
Delta R.T. -0.000 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

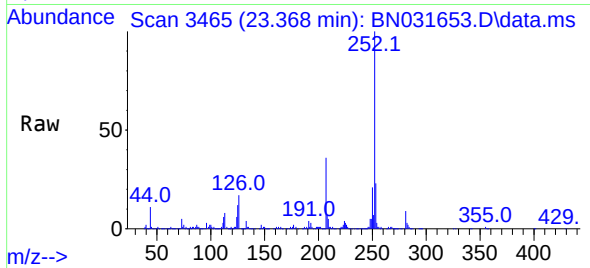
Tgt Ion:252 Resp: 951163
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 13.5 9.3 13.9





#91
Benzo(k)fluoranthene
Concen: 3.784 ng/u1
RT: 23.368 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

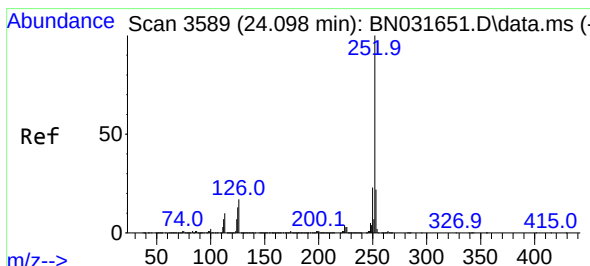
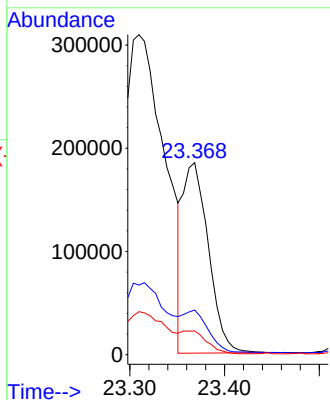
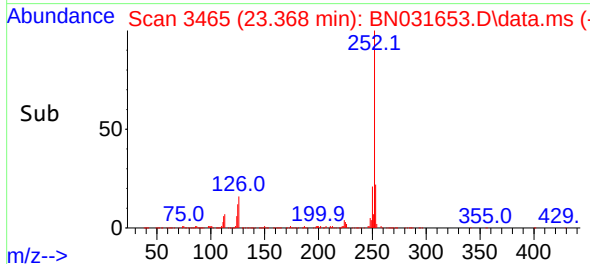
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



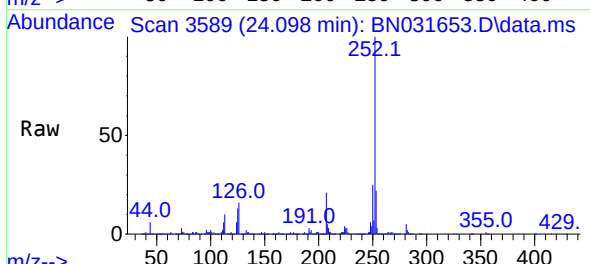
Tgt Ion:252 Resp: 344412
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 12.4 9.3 13.9

Manual Integrations
APPROVED

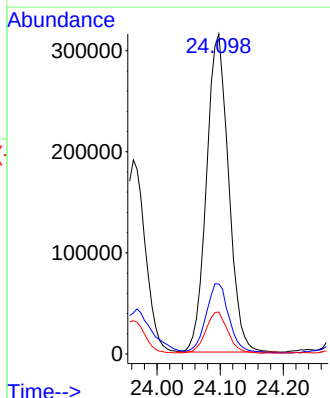
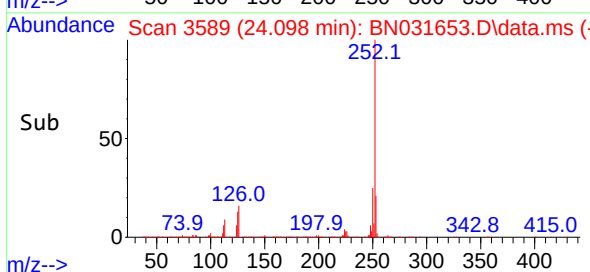
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

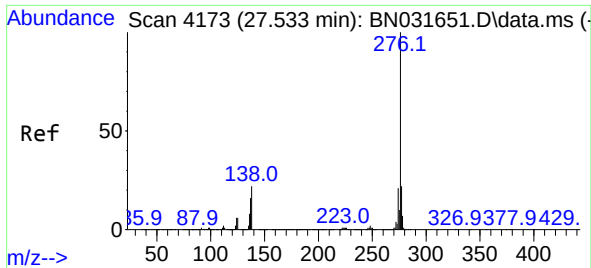


#93
Benzo(a)pyrene
Concen: 8.916 ng/u1
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44



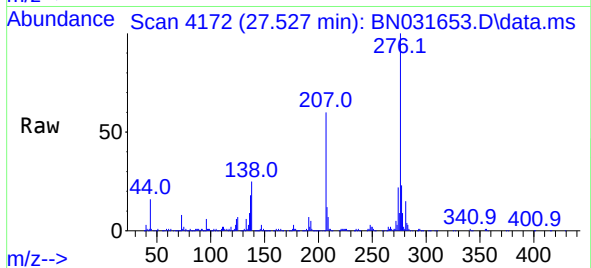
Tgt Ion:252 Resp: 764726
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 13.1 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.589 ng/ul
RT: 27.527 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44

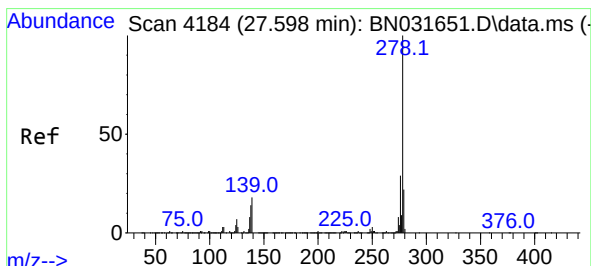
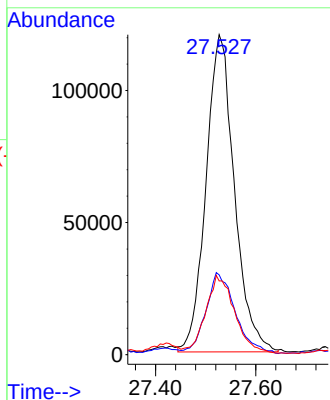
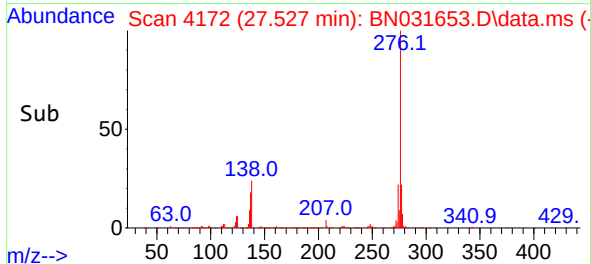
Instrument :
BNA_N
ClientSampleId :
BH5W9DL



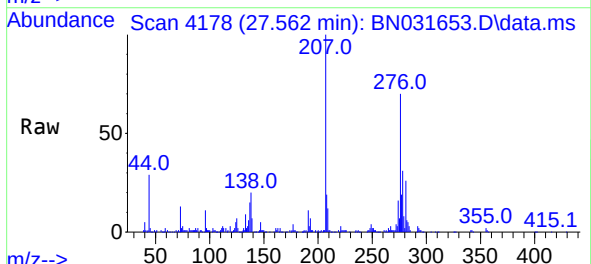
Tgt Ion:276 Resp: 472350
Ion Ratio Lower Upper
276 100
138 24.9 19.8 29.6
277 23.1 18.2 27.4

Manual Integrations
APPROVED

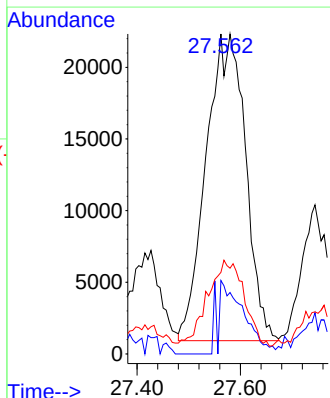
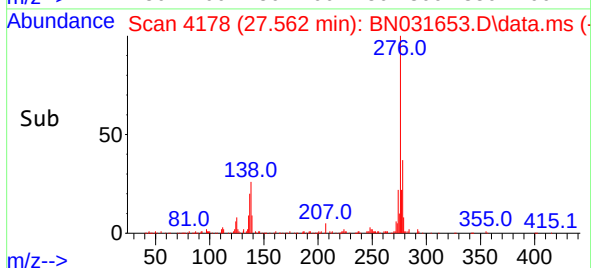
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

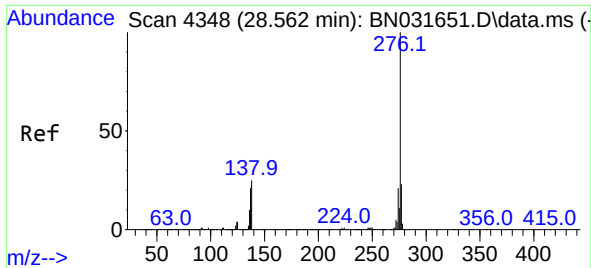


#95
Dibenzo(a,h)anthracene
Concen: 1.339 ng/ul m
RT: 27.562 min Scan# 4178
Delta R.T. -0.029 min
Lab File: BN031653.D
Acq: 24 May 2024 09:44



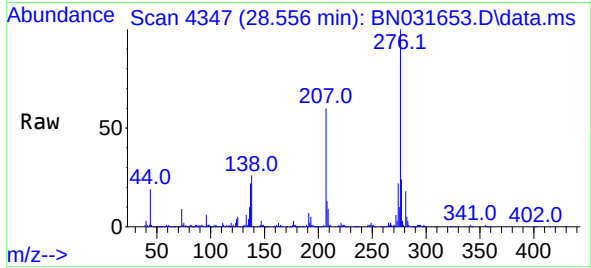
Tgt Ion:278 Resp: 113510
Ion Ratio Lower Upper
278 100
139 23.0 15.2 22.8#
279 25.5 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 5.430 ng/ul
 RT: 28.556 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN031653.D
 Acq: 24 May 2024 09:44

Instrument :
 BNA_N
 ClientSampleId :
 BH5W9DL



Tgt Ion:276 Resp: 46178
 Ion Ratio Lower Upper
 276 100
 138 25.5 19.5 29.3
 277 24.0 17.6 26.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

