

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031759.D
 Acq On : 03 Jun 2024 14:37
 Operator : MA/JU
 Sample : P2590-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBL1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 15:24:27 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	7.681	152	547507	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2426050	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1469638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2651430	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1584253	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1793952	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	28130	2.126	ng/uL	0.00
4) Pyridine-d5	3.599	84	281819	7.565	ng/u1	0.00
7) Phenol-d5	6.852	99	915708	19.509	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	512618	18.672	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	723786	20.210	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	705474	18.439	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	388568	20.947	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	441143	23.022	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	771633	21.571	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	783787	14.757	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2265987	22.132	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2660517	22.599	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	278877	13.604	ng/u1	0.00
60) Fluorene-d10	15.322	176	1945937	22.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	177565	13.323	ng/u1	0.00
73) Anthracene-d10	17.169	188	2557648	22.532	ng/u1	0.00
81) Pyrene-d10	19.469	212	2478173	29.232	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2019927	23.580	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.046	152	163068	1.226	ng/u1	100
72) Phenanthrene	17.116	178	1568104	11.610	ng/u1	98
74) Anthracene	17.204	178	269767	1.971	ng/u1	97
77) Carbazole	17.475	167	122571	1.050	ng/u1	99
80) Fluoranthene	19.134	202	2861154	28.240	ng/u1	99
82) Pyrene	19.498	202	2573185	24.754	ng/u1	98
85) Benzo(a)anthracene	21.286	228	1156217	10.903	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	73706	1.030	ng/u1	97
87) Chrysene	21.345	228	1214381	12.260	ng/u1	96
90) Benzo(b)fluoranthene	23.322	252	1458271	13.600	ng/u1	98
91) Benzo(k)fluoranthene	23.369	252	513610m	4.881	ng/u1	
93) Benzo(a)pyrene	24.104	252	1044677	10.402	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	727758	6.289	ng/u1	99
95) Dibenzo(a,h)anthracene	27.586	278	183724	1.945	ng/u1#	90
96) Benzo(g,h,i)perylene	28.580	276	590633	6.420	ng/u1	97

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

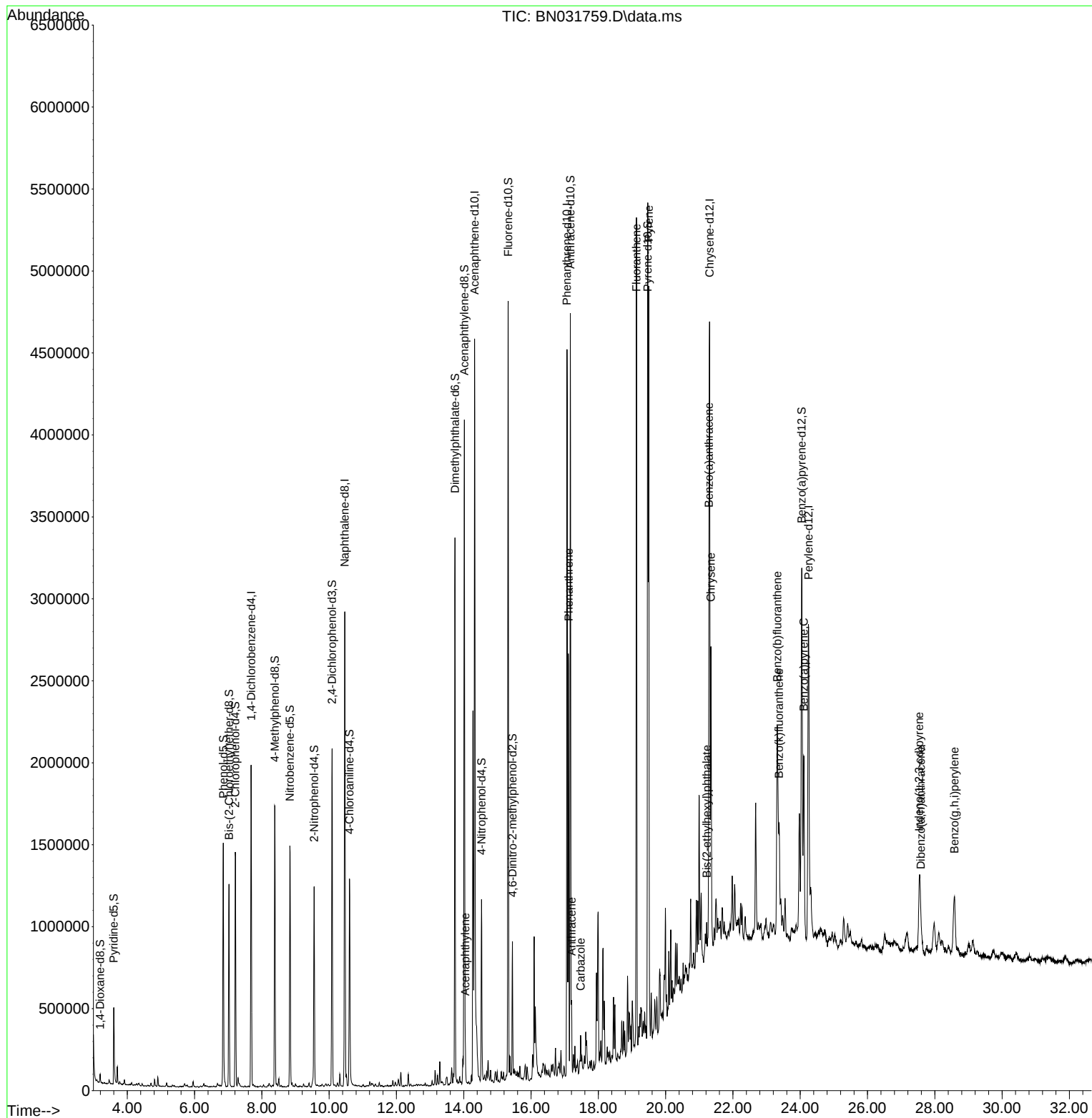
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
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 ALS Vial : 8 Sample Multiplier: 1

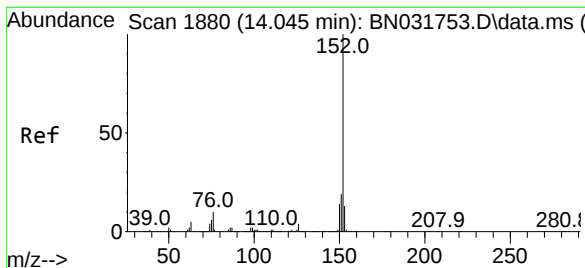
Instrument :
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 Supervised By :mohammad ahmed 06/05/2024

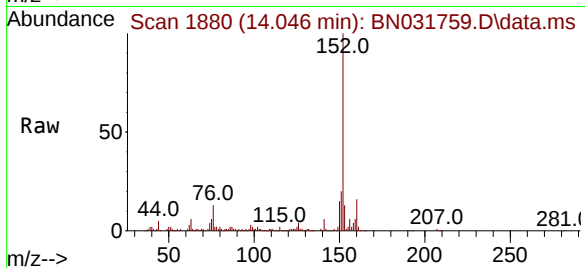
Quant Time: Jun 03 15:24:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.226 ng/ul
RT: 14.046 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

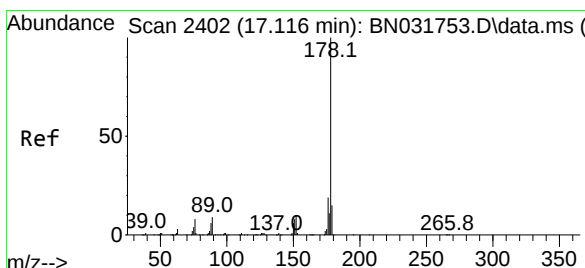
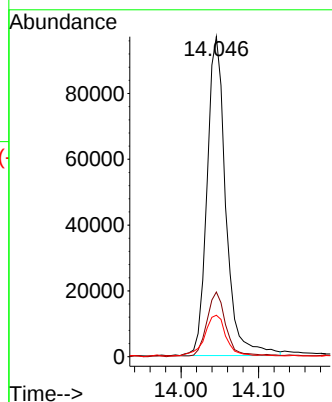
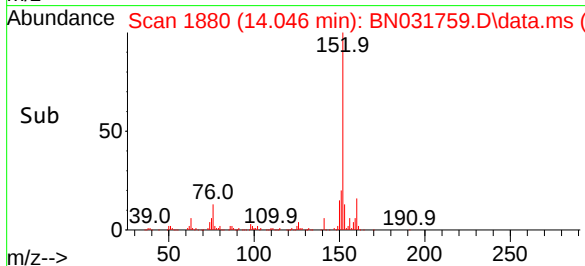
Instrument :
BNA_N
ClientSampleId :
BHBL1



Tgt Ion:152 Resp: 163068
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.0 10.4 15.6

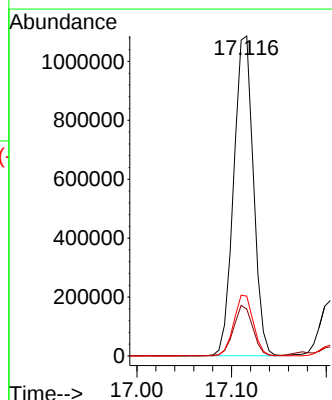
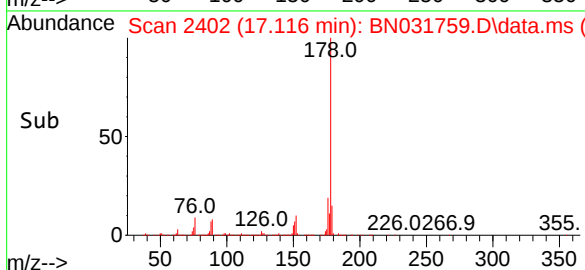
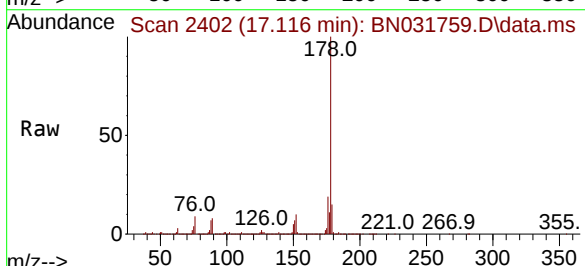
Manual Integrations
APPROVED

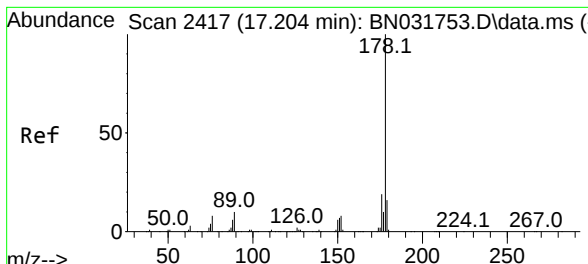
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#72
Phenanthrene
Concen: 11.610 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

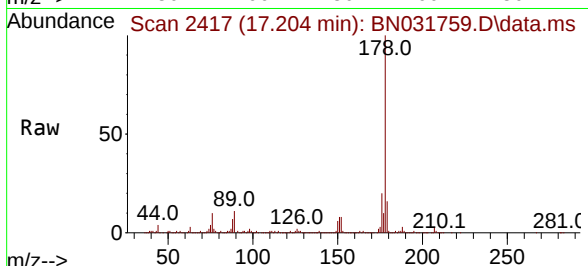
Tgt Ion:178 Resp: 1568104
Ion Ratio Lower Upper
178 100
179 14.6 12.6 19.0
176 18.7 15.8 23.6





#74
 Anthracene
 Concen: 1.971 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. 0.000 min
 Lab File: BN031759.D
 Acq: 03 Jun 2024 14:37

Instrument :
 BNA_N
 ClientSampleId :
 BHBL1

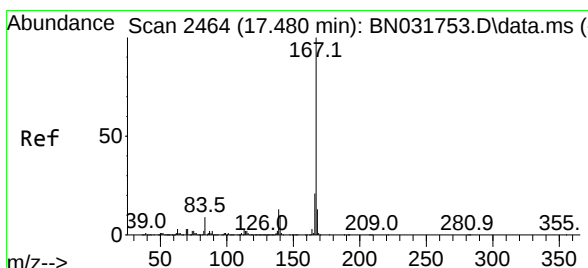
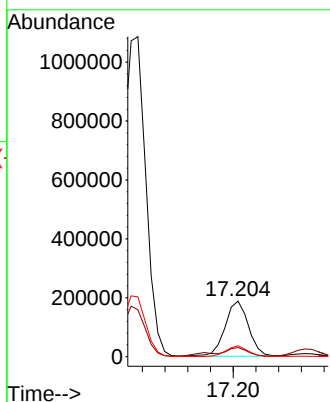
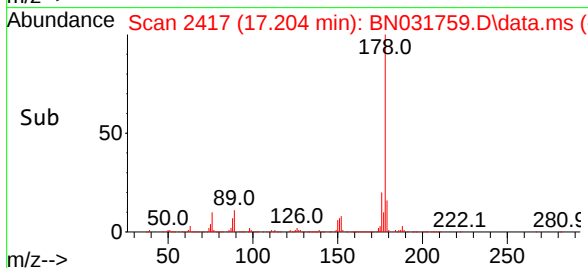


Tgt Ion:178 Resp: 26976

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.6
176	19.6	14.8	22.2

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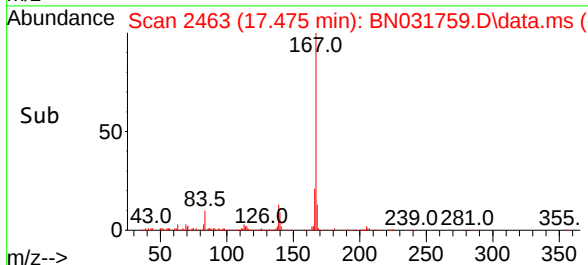
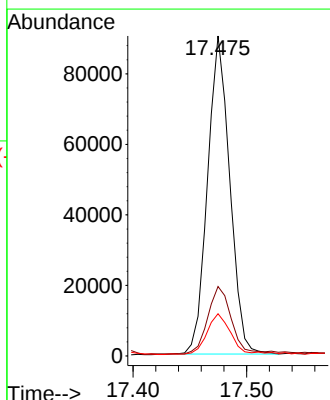
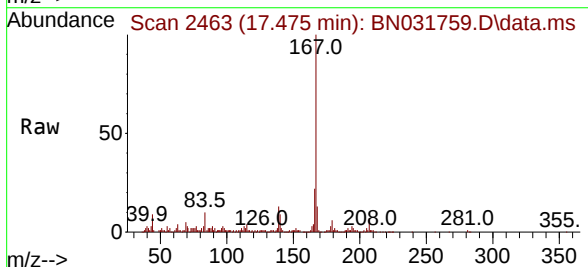
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

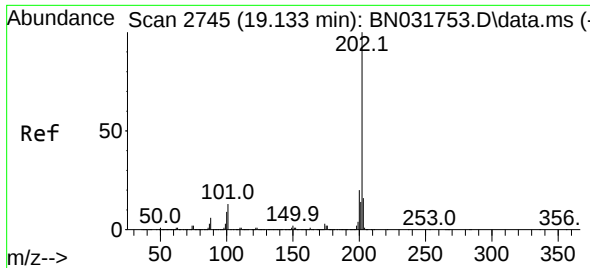


#77
 Carbazole
 Concen: 1.050 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031759.D
 Acq: 03 Jun 2024 14:37

Tgt Ion:167 Resp: 122571

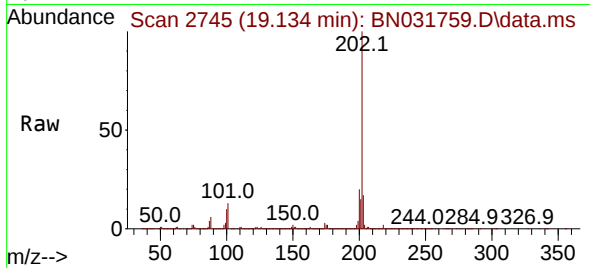
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	13.2	10.5	15.7





#80
Fluoranthene
Concen: 28.240 ng/ul
RT: 19.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

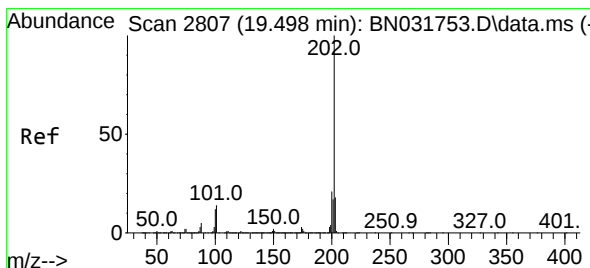
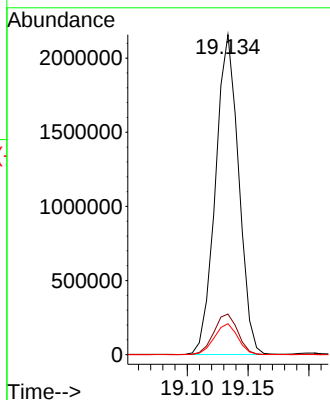
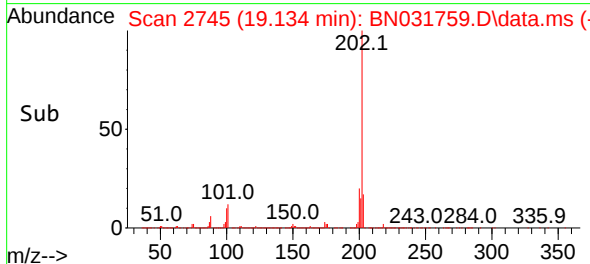
Instrument :
BNA_N
ClientSampleId :
BHBL1



Tgt Ion:202 Resp: 2861154
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.7 8.0 12.0

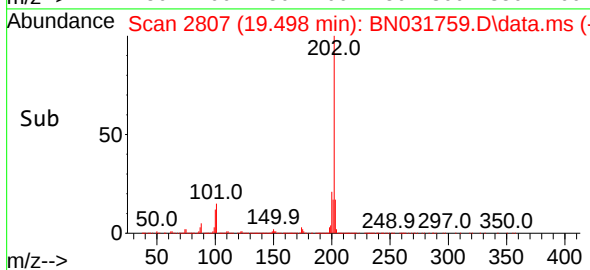
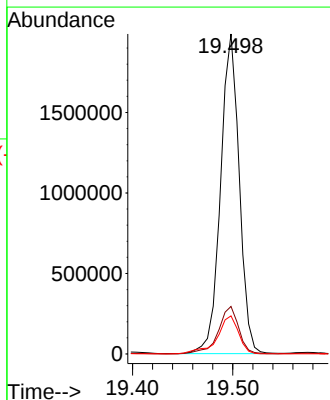
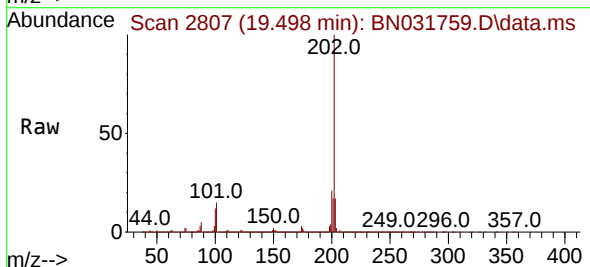
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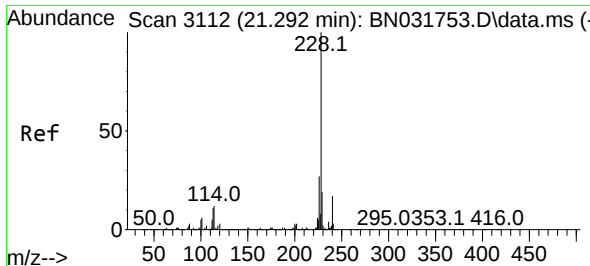
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#82
Pyrene
Concen: 24.754 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

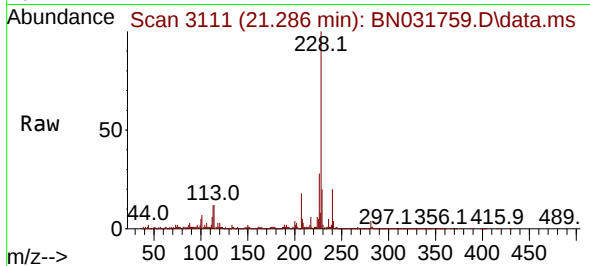
Tgt Ion:202 Resp: 2573185
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.9 10.2 15.2





#85
Benzo(a)anthracene
Concen: 10.903 ng/ul
RT: 21.286 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

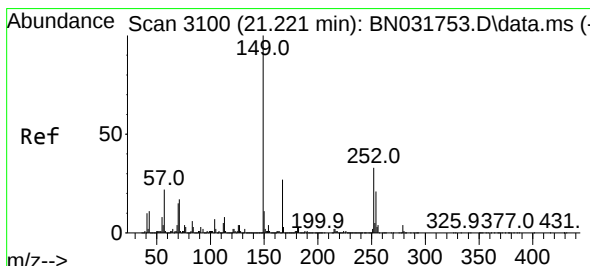
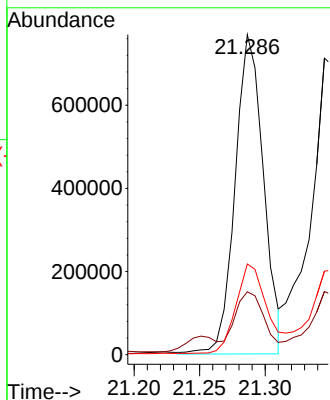
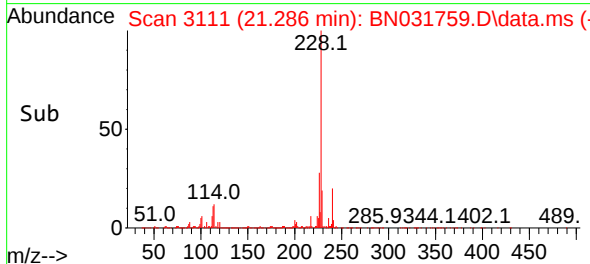
Instrument :
BNA_N
ClientSampleId :
BHBL1



Tgt Ion:228 Resp: 115621
Ion Ratio Lower Upper
228 100
229 19.6 16.7 25.1
226 28.4 22.8 34.2

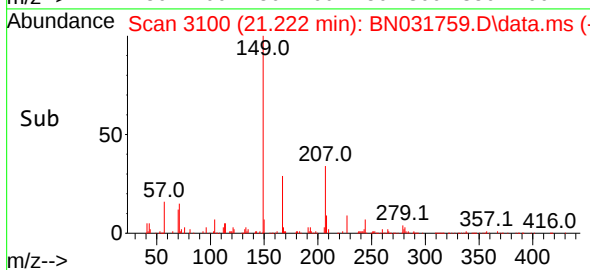
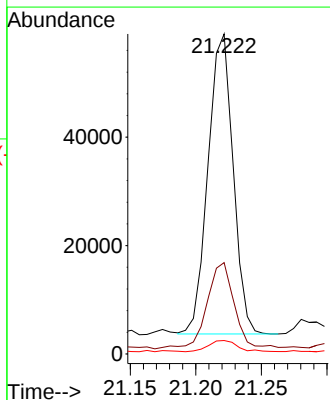
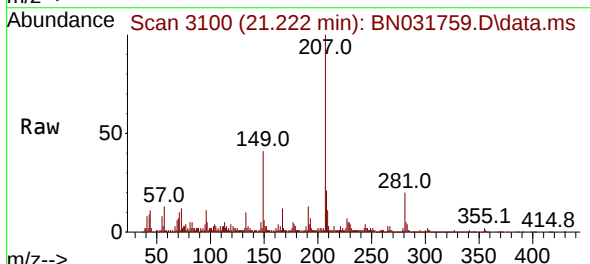
Manual Integrations
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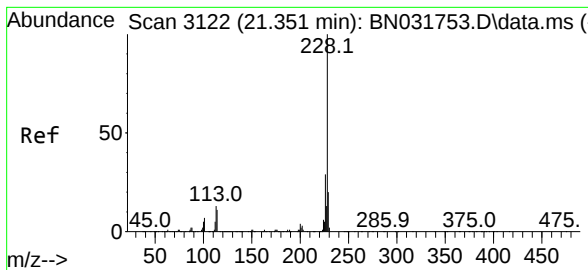
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.030 ng/ul
RT: 21.222 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

Tgt Ion:149 Resp: 73706
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 4.2 3.3 4.9





#87

Chrysene

Concen: 12.260 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031759.D

Acq: 03 Jun 2024 14:37

Instrument :

BNA_N

ClientSampleId :

BHBL1

Tgt Ion:228 Resp: 121438

Ion Ratio Lower Upper

228 100

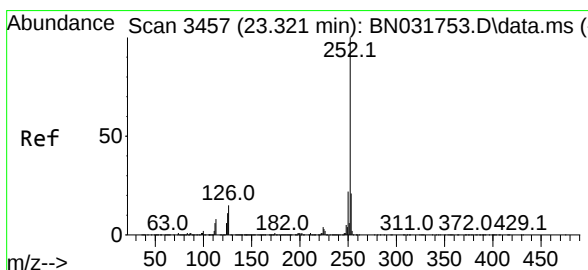
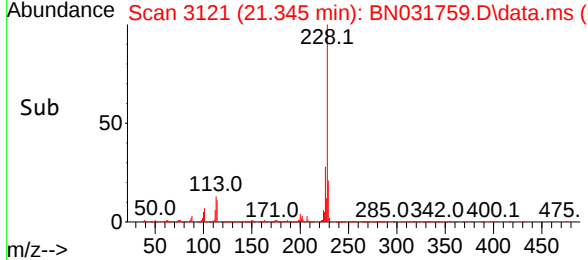
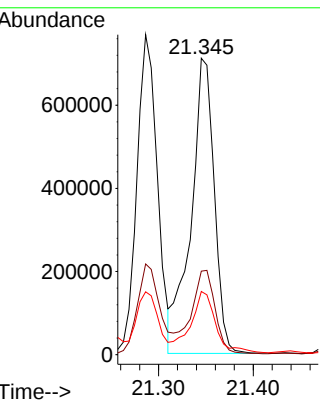
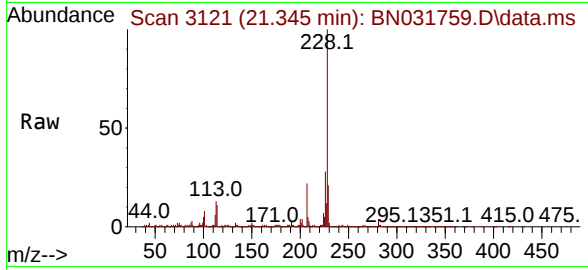
226 28.2 23.7 35.5

229 21.3 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/05/2024



#90

Benzo(b)fluoranthene

Concen: 13.600 ng/ul

RT: 23.322 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031759.D

Acq: 03 Jun 2024 14:37

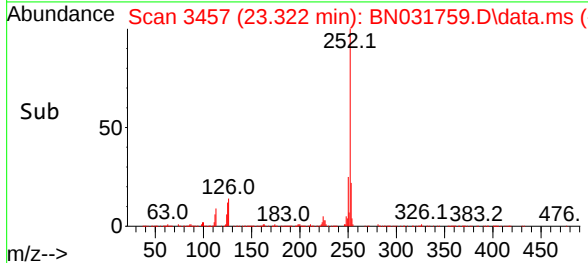
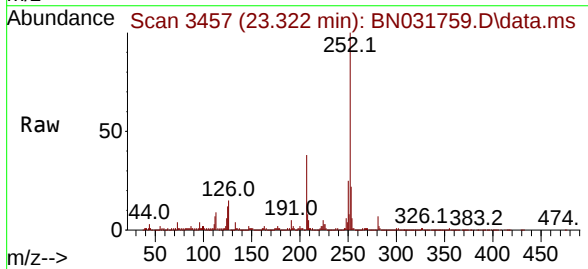
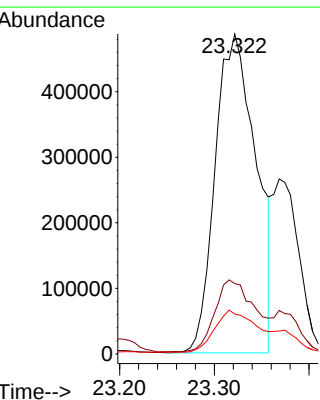
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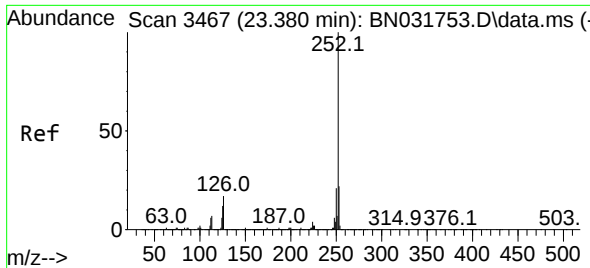
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

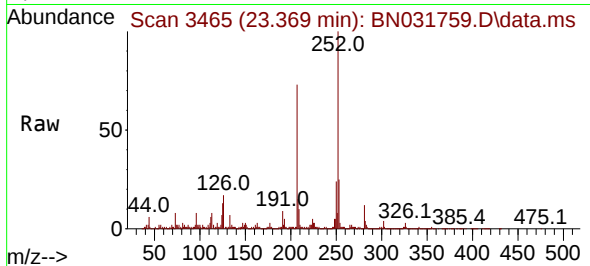
125 12.5 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 4.881 ng/ul m
RT: 23.369 min Scan# 3467
Delta R.T. -0.006 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

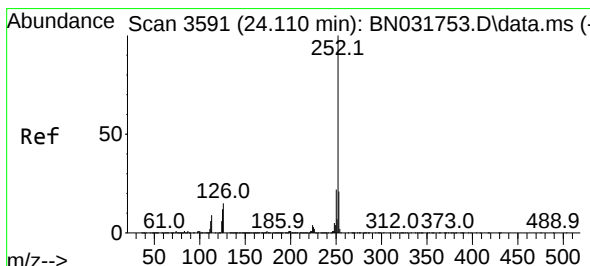
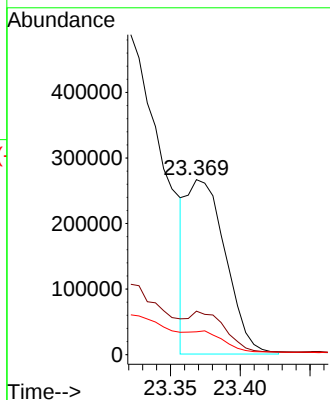
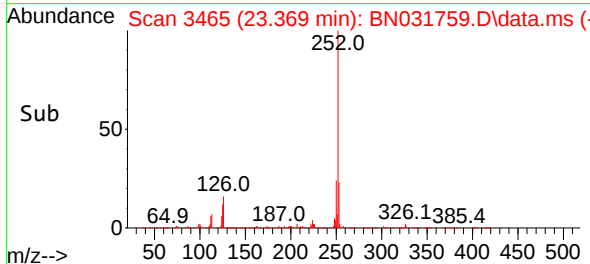
Instrument :
BNA_N
ClientSampleId :
BHBL1



Tgt Ion:252 Resp: 513610
Ion Ratio Lower Upper
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253 24.9 17.6 26.4
125 13.1 9.4 14.2

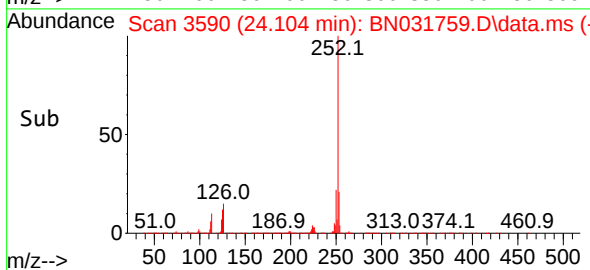
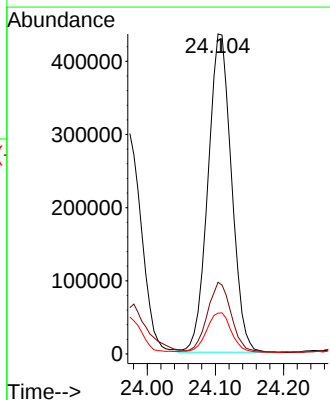
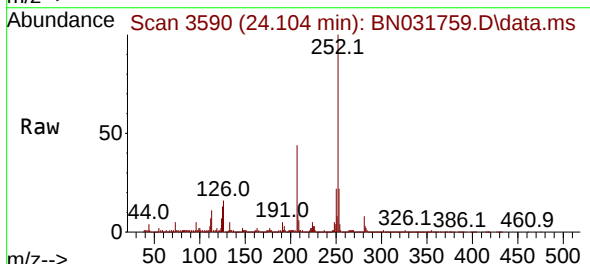
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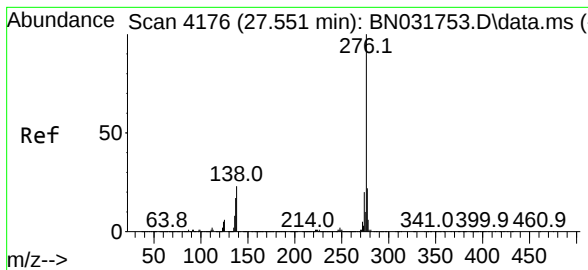
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#93
Benzo(a)pyrene
Concen: 10.402 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

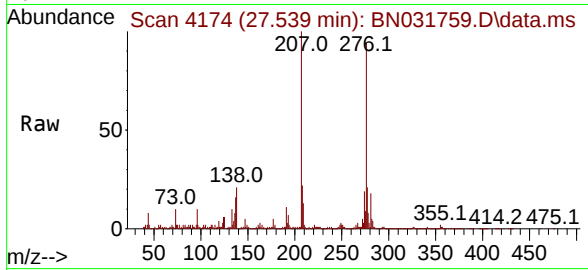
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Ion Ratio Lower Upper
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253 22.4 16.6 24.8
125 12.8 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.289 ng/ul
RT: 27.539 min Scan# 4174
Delta R.T. 0.006 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

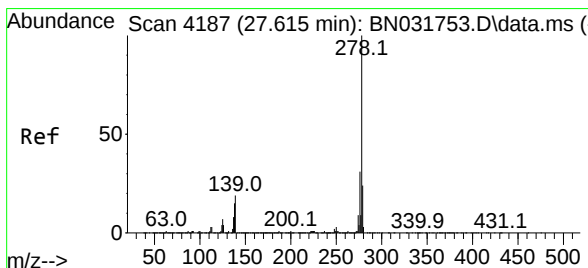
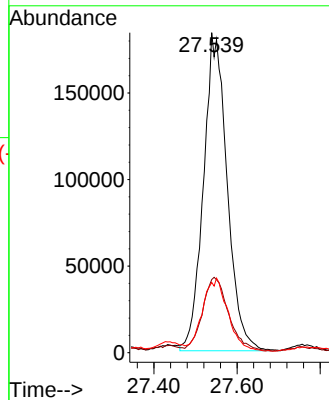
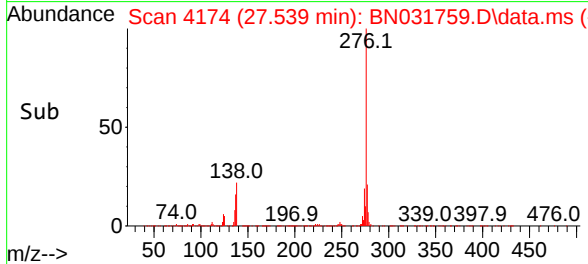
Instrument :
BNA_N
ClientSampleId :
BHBL1



Tgt Ion:276 Resp: 727758
Ion Ratio Lower Upper
276 100
138 22.9 18.1 27.1
277 21.9 18.2 27.2

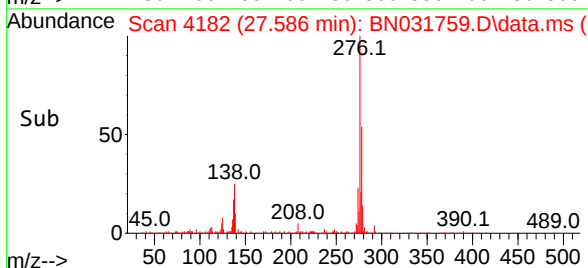
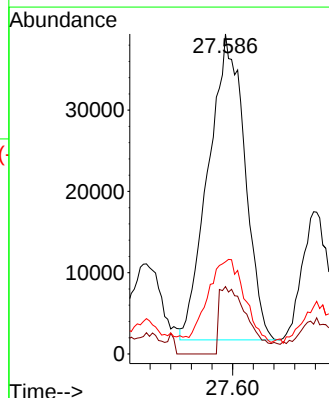
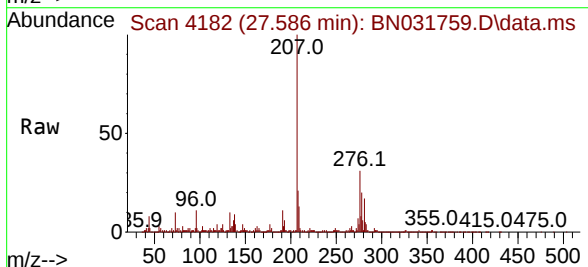
Manual Integrations
APPROVED

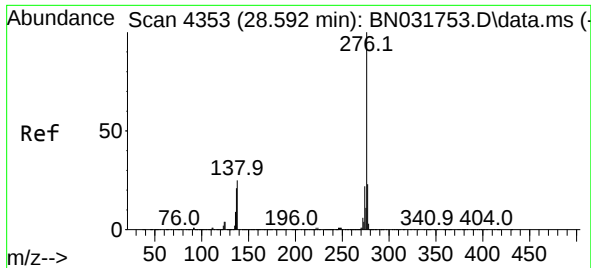
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.945 ng/ul
RT: 27.586 min Scan# 4182
Delta R.T. -0.018 min
Lab File: BN031759.D
Acq: 03 Jun 2024 14:37

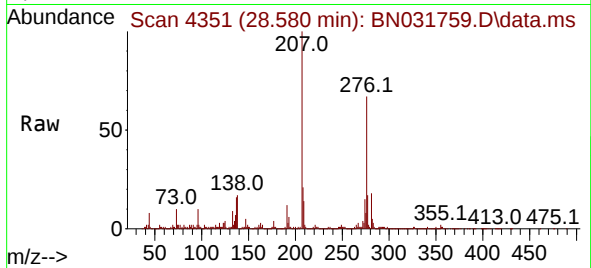
Tgt Ion:278 Resp: 183724
Ion Ratio Lower Upper
278 100
139 21.1 15.0 22.6
279 28.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 6.420 ng/ul
 RT: 28.580 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BN031759.D
 Acq: 03 Jun 2024 14:37

Instrument :
 BNA_N
 ClientSampleId :
 BHBL1



Tgt Ion: 276 Resp: 59063

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.9	31.3
277	24.5	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

