

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031833.D
 Acq On : 07 Jun 2024 00:29
 Operator : MA/JU
 Sample : P2634-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW7

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 01:04:21 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	469076	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1941932	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1141279	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2121917	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1358618	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1670699	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	48179	4.249	ng/uL	0.00
4) Pyridine-d5	3.593	84	397538	12.455	ng/u1	0.00
7) Phenol-d5	6.846	99	990052	24.620	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	548730	23.329	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	783464	25.534	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	730066	22.272	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	395325	26.625	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	418675	27.297	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	706703	24.681	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.599	131	620462	14.594	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2058326	25.888	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2447188	26.768	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.528	143	360549	22.648	ng/u1	0.00
60) Fluorene-d10	15.310	176	1736365	25.811	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	207618	19.466	ng/u1	0.00
73) Anthracene-d10	17.163	188	2493761	27.451	ng/u1	0.00
81) Pyrene-d10	19.463	212	2133154	29.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1643399	20.600	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.034	152	169150	1.637	ng/u1	97
72) Phenanthrene	17.104	178	1130697	10.460	ng/u1	98
74) Anthracene	17.192	178	205626	1.877	ng/u1	98
78) Di-n-butylphthalate	18.034	149	206412	1.606	ng/u1	99
80) Fluoranthene	19.128	202	2222700	25.582	ng/u1	100
82) Pyrene	19.492	202	1830473	20.534	ng/u1	97
83) Butylbenzylphthalate	20.398	149	157371	3.738	ng/u1	95
85) Benzo(a)anthracene	21.280	228	921443	10.133	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	650750	10.603	ng/u1	99
87) Chrysene	21.345	228	1053706	12.405	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1413901	14.159	ng/u1	98
91) Benzo(k)fluoranthene	23.369	252	484335	4.943	ng/u1	97
93) Benzo(a)pyrene	24.104	252	635827	6.798	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.545	276	591686	5.490	ng/u1	100
95) Dibenzo(a,h)anthracene	27.586	278	194001	2.205	ng/u1#	92
96) Benzo(g,h,i)perylene	28.568	276	94432m	1.102	ng/u1	

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

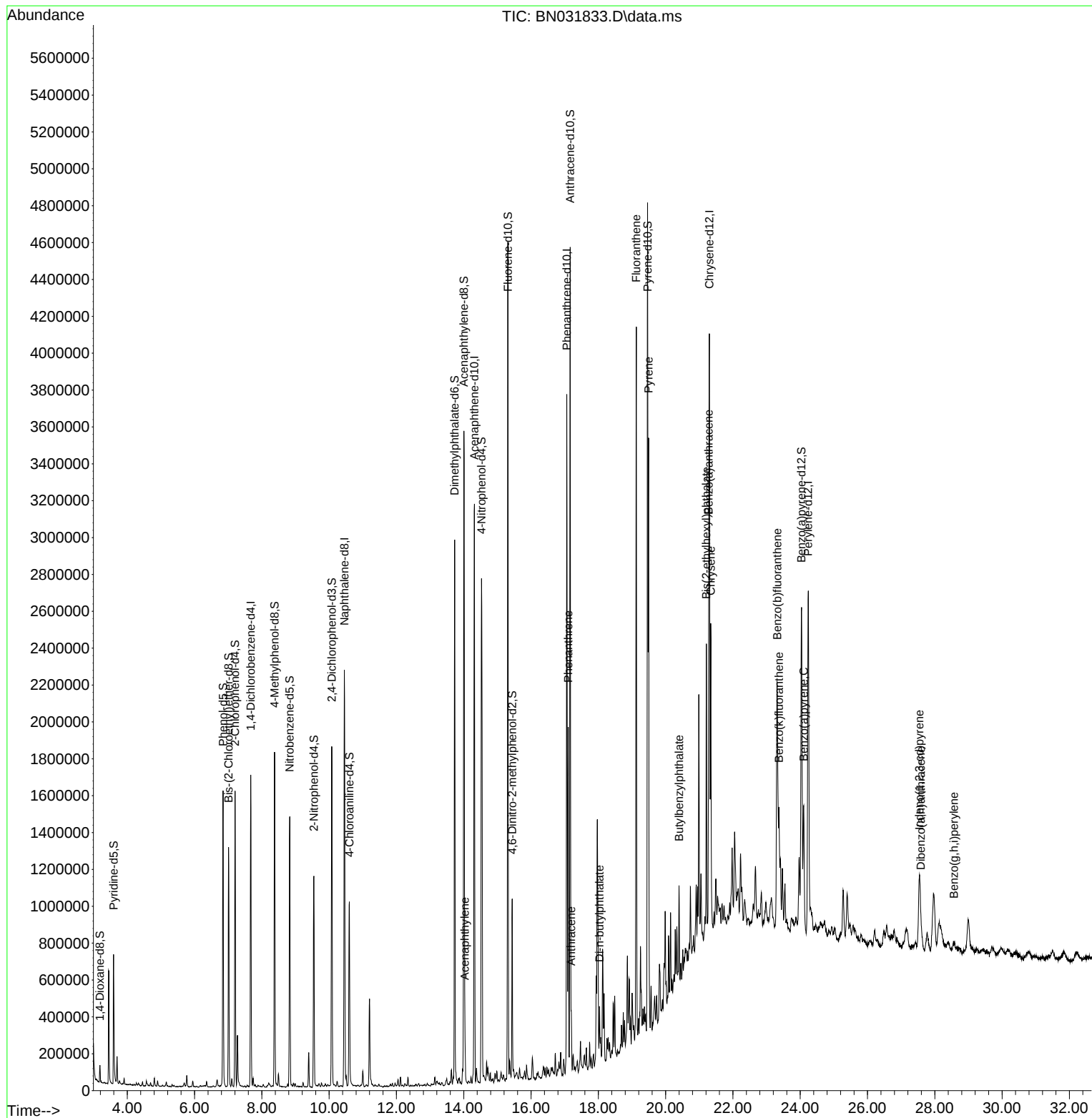
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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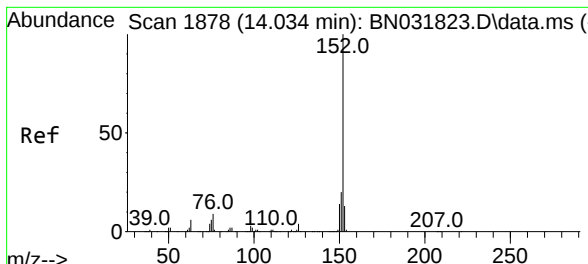
Instrument :
 BNA_N
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Quant Time: Jun 07 01:04:21 2024
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 Quant Title : SVOA CALIBRATION
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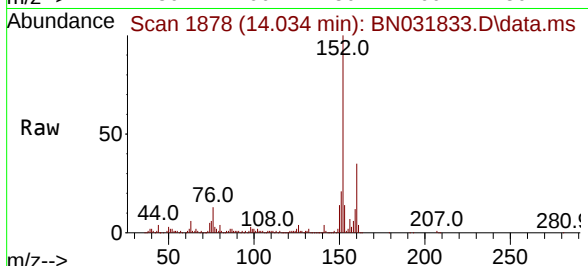
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024





#50
Acenaphthylene
Concen: 1.637 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29

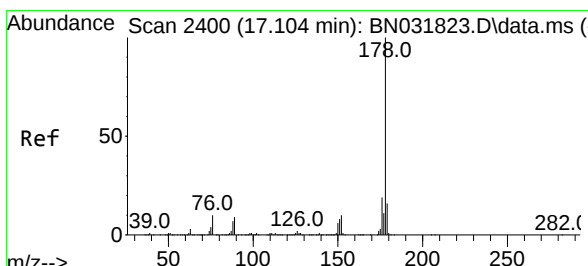
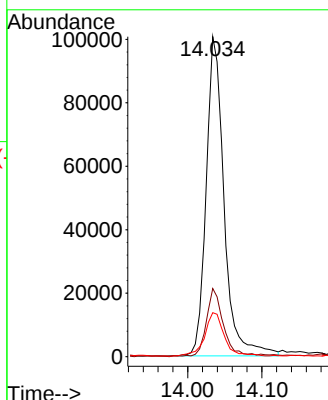
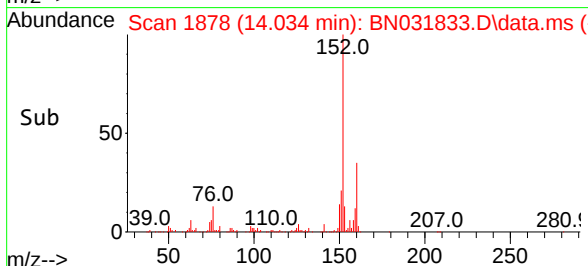
Instrument : BNA_N
ClientSampleId : BHBW7



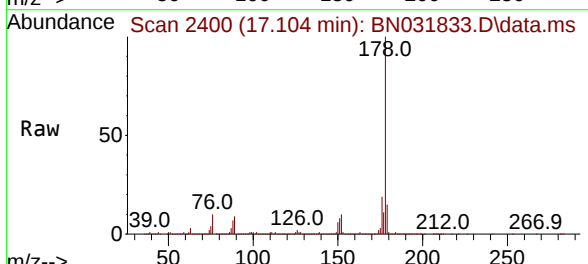
Tgt Ion:152 Resp: 169150
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 13.8 10.4 15.6

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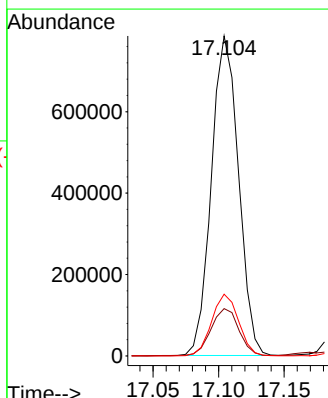
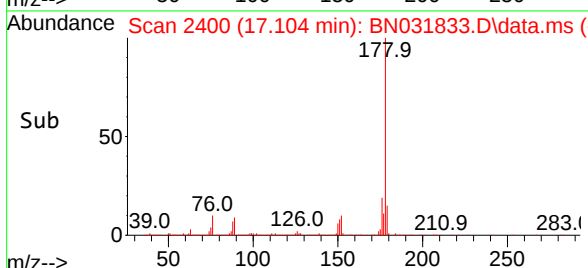
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

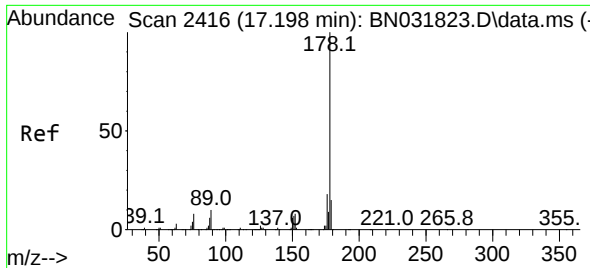


#72
Phenanthrene
Concen: 10.460 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29



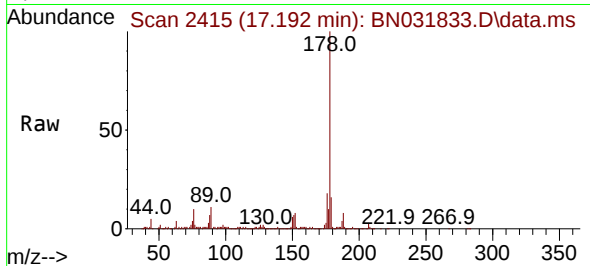
Tgt Ion:178 Resp: 1130697
Ion Ratio Lower Upper
178 100
179 14.8 12.6 19.0
176 19.3 15.8 23.6





#74
 Anthracene
 Concen: 1.877 ng/ul
 RT: 17.192 min Scan# 2416
 Delta R.T. -0.012 min
 Lab File: BN031833.D
 Acq: 07 Jun 2024 00:29

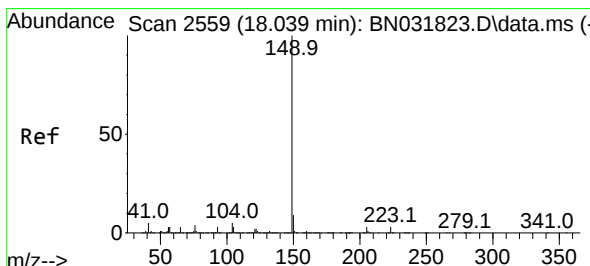
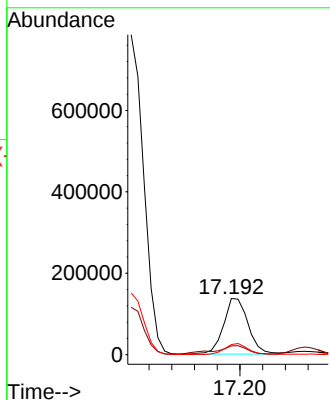
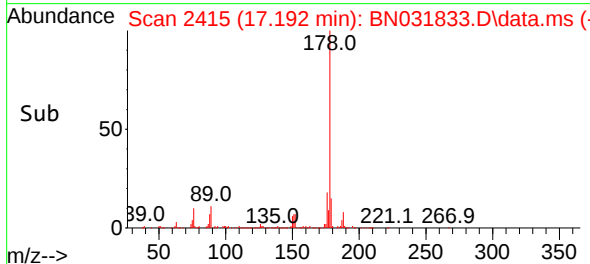
Instrument :
 BNA_N
 ClientSampleId :
 BHBW7



Tgt Ion:178 Resp: 205620
 Ion Ratio Lower Upper
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 179 15.7 11.8 17.6
 176 17.8 14.8 22.2

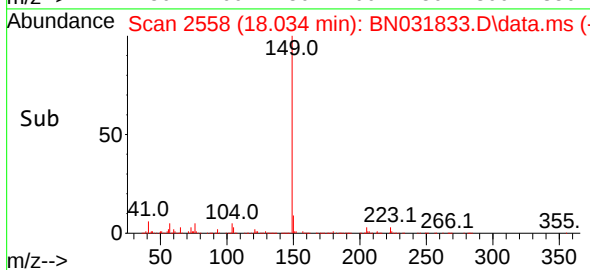
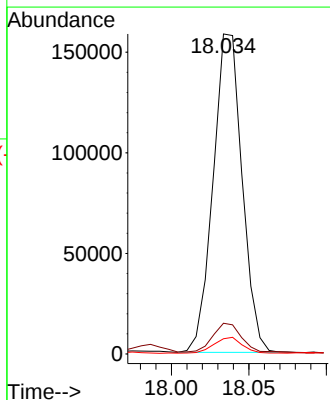
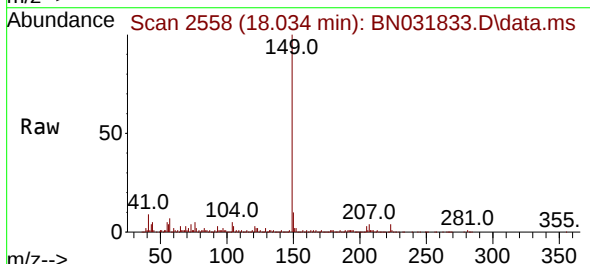
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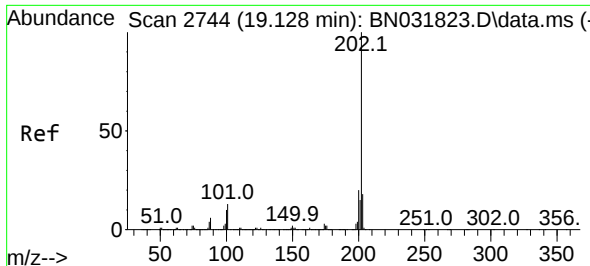
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#78
 Di-n-butylphthalate
 Concen: 1.606 ng/ul
 RT: 18.034 min Scan# 2558
 Delta R.T. -0.012 min
 Lab File: BN031833.D
 Acq: 07 Jun 2024 00:29

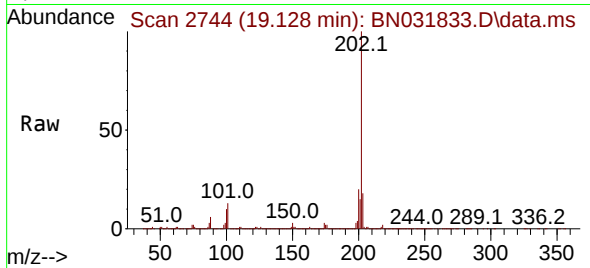
Tgt Ion:149 Resp: 206412
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 4.8 4.1 6.1





#80
Fluoranthene
Concen: 25.582 ng/u1
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29

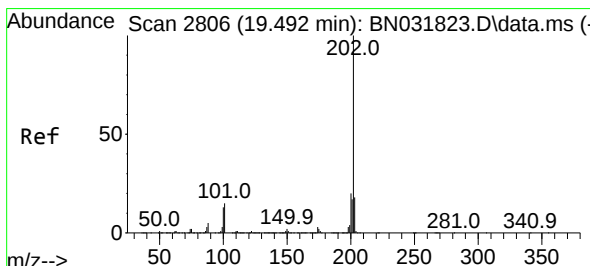
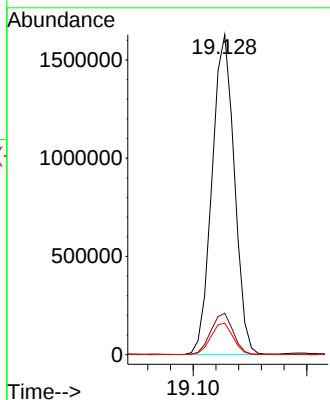
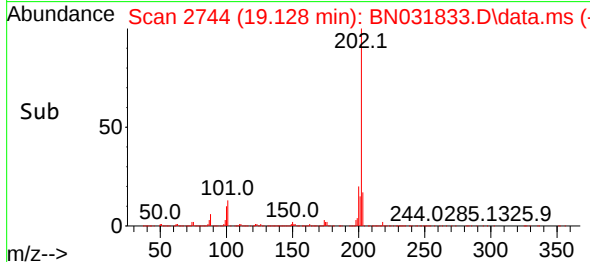
Instrument :
BNA_N
ClientSampleId :
BHBW7



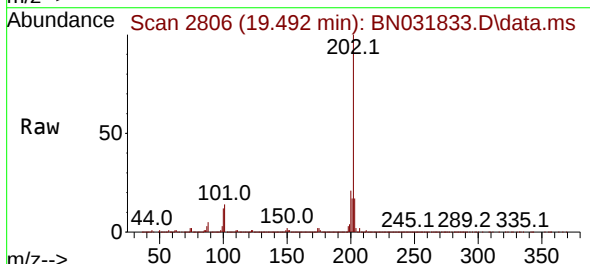
Tgt Ion:202 Resp: 2222700
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.8 8.0 12.0

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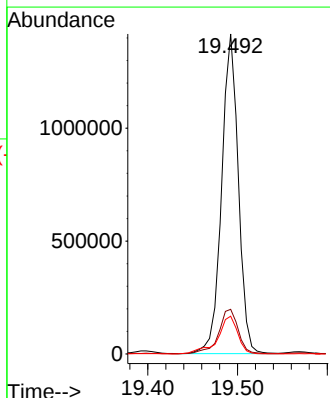
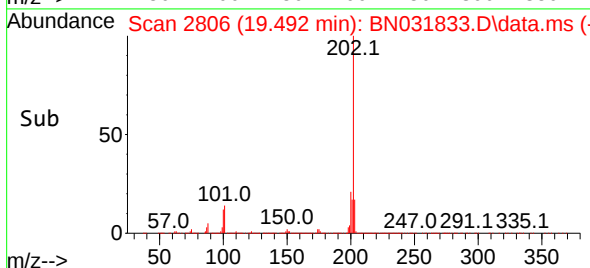
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

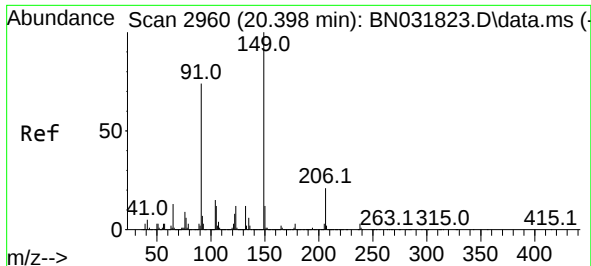


#82
Pyrene
Concen: 20.534 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29



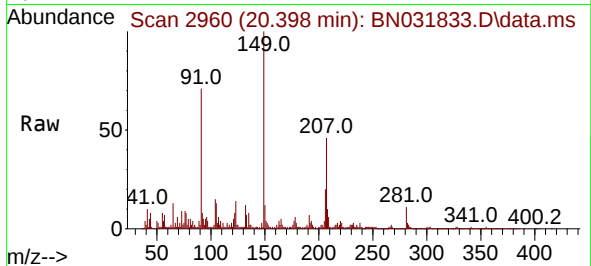
Tgt Ion:202 Resp: 1830473
Ion Ratio Lower Upper
202 100
101 13.9 12.6 18.8
100 11.8 10.2 15.2





#83
Butylbenzylphthalate
Concen: 3.738 ng/ul
RT: 20.398 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29

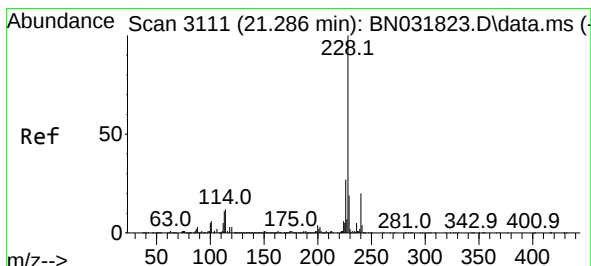
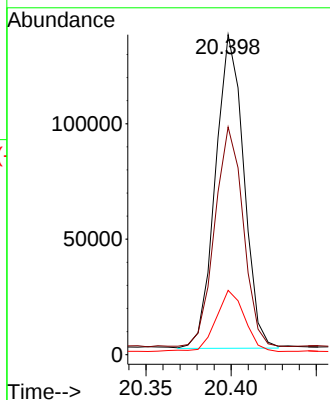
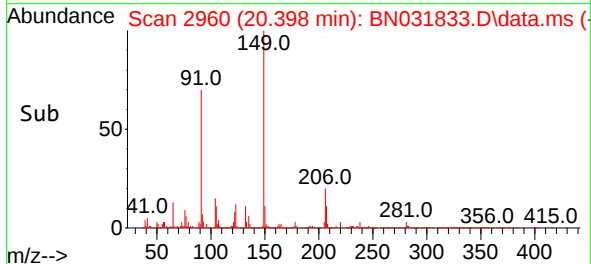
Instrument :
BNA_N
ClientSampleId :
BHBW7



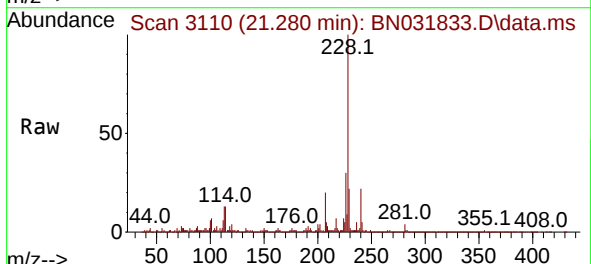
Tgt Ion:149 Resp: 15737
Ion Ratio Lower Upper
149 100
91 71.2 61.0 91.4
206 20.1 16.5 24.7

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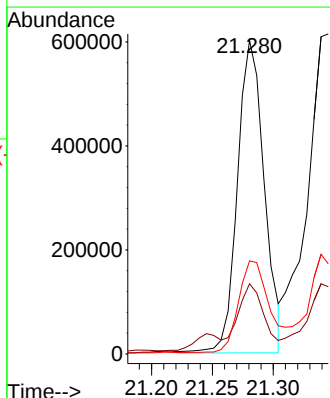
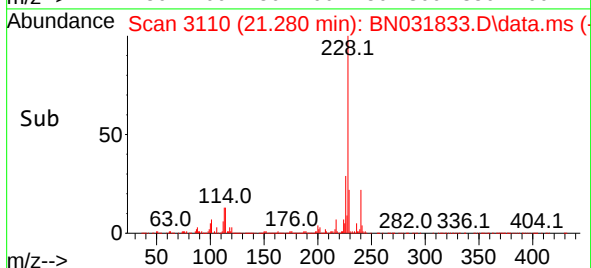
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

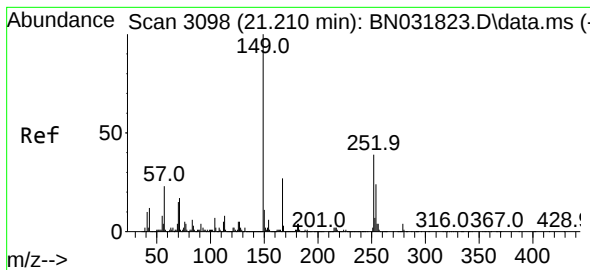


#85
Benzo(a)anthracene
Concen: 10.133 ng/ul
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29



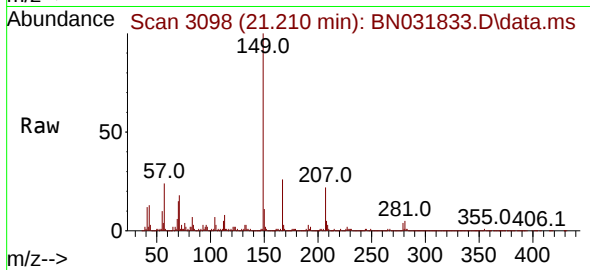
Tgt Ion:228 Resp: 921443
Ion Ratio Lower Upper
228 100
229 22.4 16.7 25.1
226 29.7 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 10.603 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29

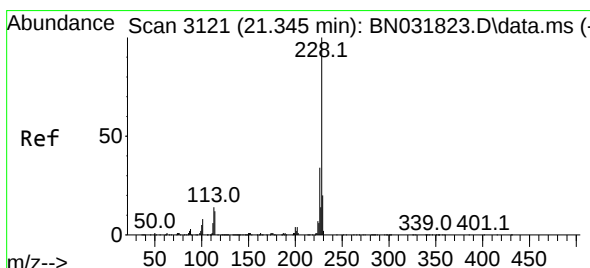
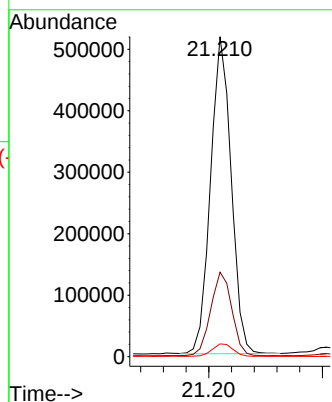
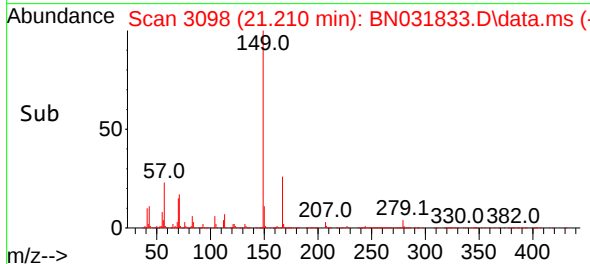
Instrument :
BNA_N
ClientSampleId :
BHBW7



Tgt Ion:149 Resp: 650750
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 4.0 3.3 4.9

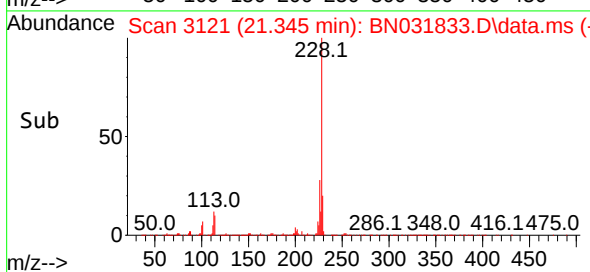
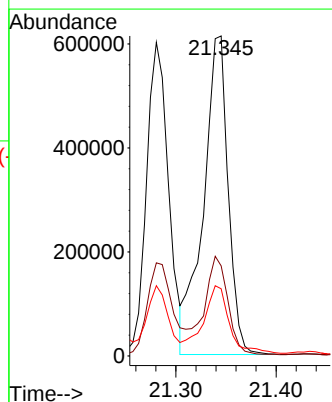
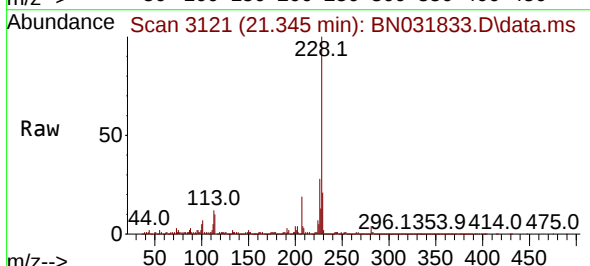
Manual Integrations
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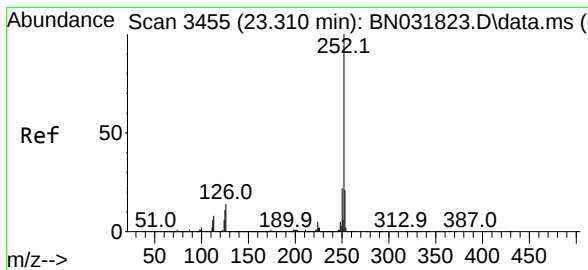
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 12.405 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031833.D
Acq: 07 Jun 2024 00:29

Tgt Ion:228 Resp: 1053706
Ion Ratio Lower Upper
228 100
226 28.2 23.7 35.5
229 21.0 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 14.159 ng/ul

RT: 23.316 min Scan# 3455

Delta R.T. 0.006 min

Lab File: BN031833.D

Acq: 07 Jun 2024 00:29

Instrument :

BNA_N

ClientSampleId :

BHBW7

Tgt Ion:252 Resp: 141390

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

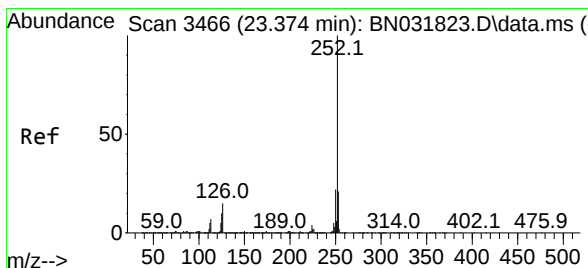
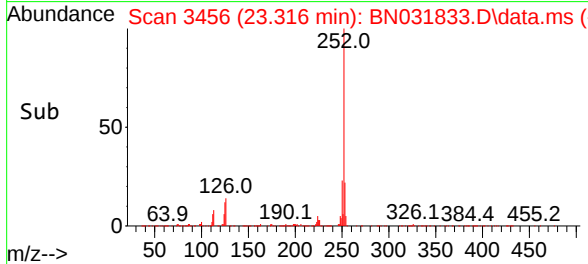
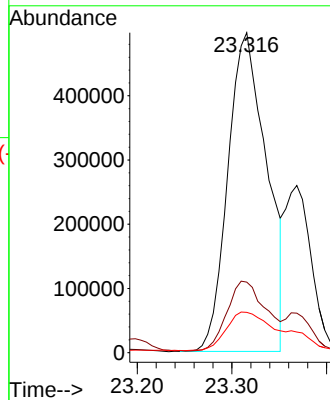
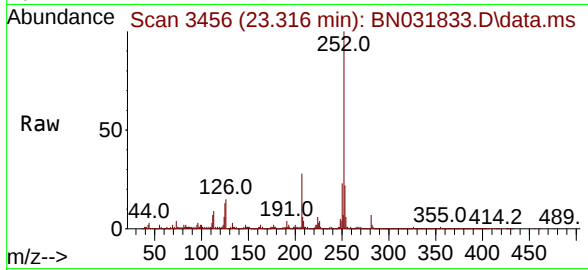
125 12.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#91

Benzo(k)fluoranthene

Concen: 4.943 ng/ul

RT: 23.369 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BN031833.D

Acq: 07 Jun 2024 00:29

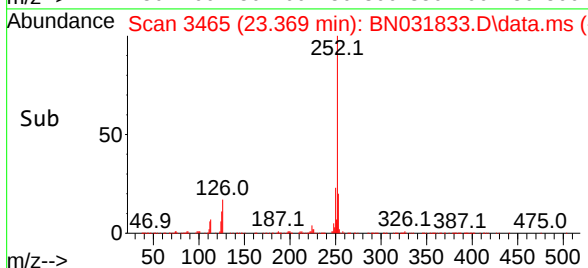
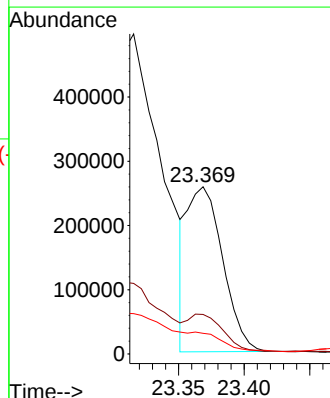
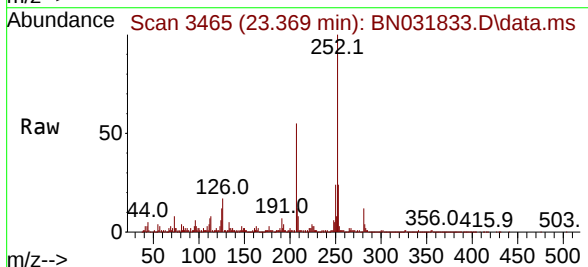
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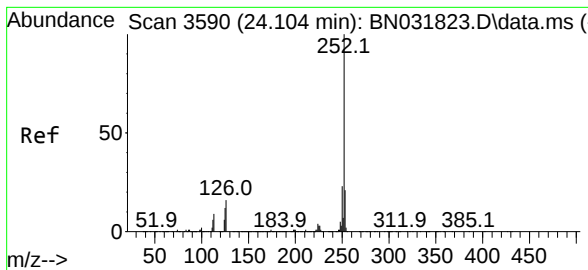
Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 12.4 9.4 14.2





#93

Benzo(a)pyrene

Concen: 6.798 ng/u1

RT: 24.104 min Scan# 3590

Delta R.T. 0.000 min

Lab File: BN031833.D

Acq: 07 Jun 2024 00:29

Instrument :

BNA_N

ClientSampleId :

BHBW7

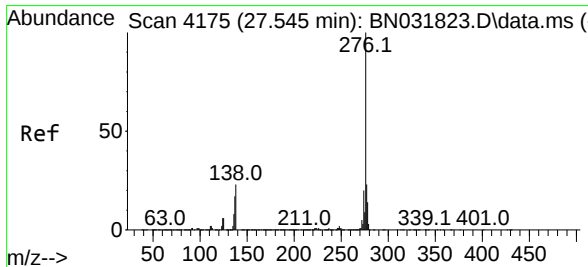
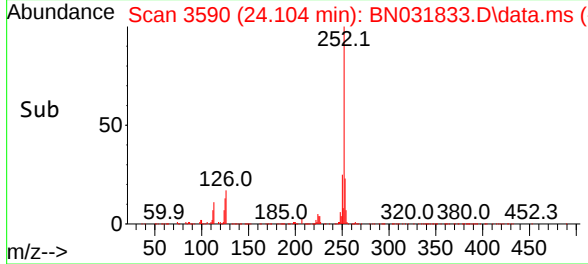
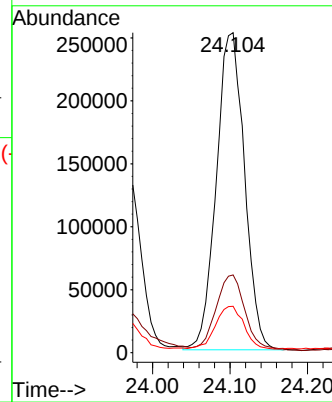
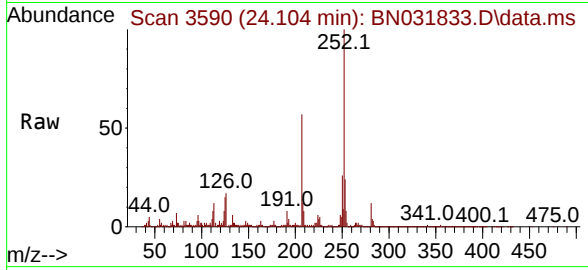
Tgt Ion:	252	Resp:	63582
Ion Ratio	Lower	Upper	
252	100		
253	24.3	16.6	24.8
125	14.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.490 ng/u1

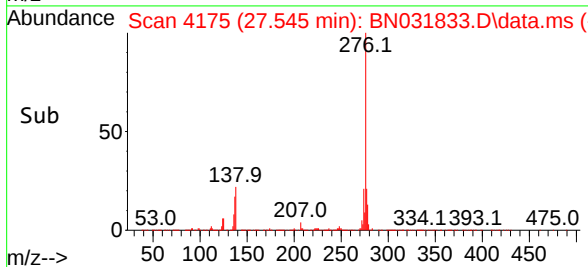
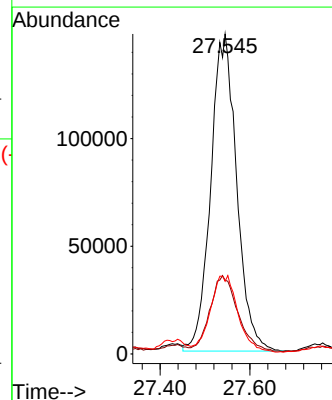
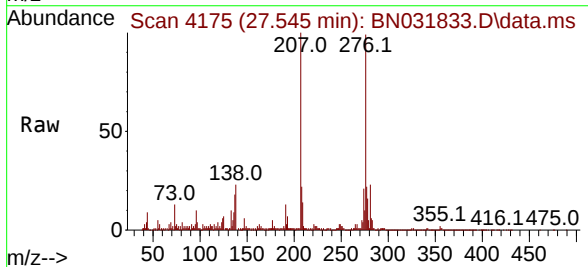
RT: 27.545 min Scan# 4175

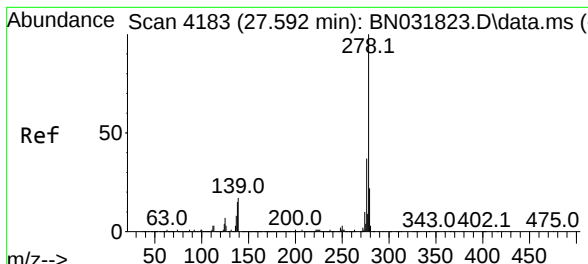
Delta R.T. 0.012 min

Lab File: BN031833.D

Acq: 07 Jun 2024 00:29

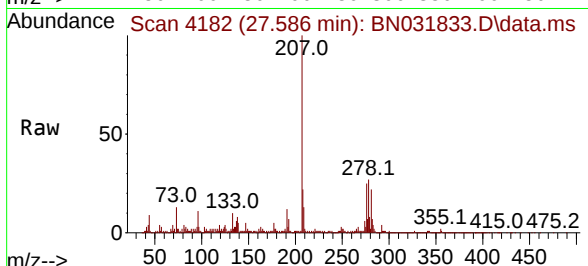
Tgt Ion:	276	Resp:	591686
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.1	27.1
277	22.7	18.2	27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 2.205 ng/ul
 RT: 27.586 min Scan# 4183
 Delta R.T. -0.018 min
 Lab File: BN031833.D
 Acq: 07 Jun 2024 00:29

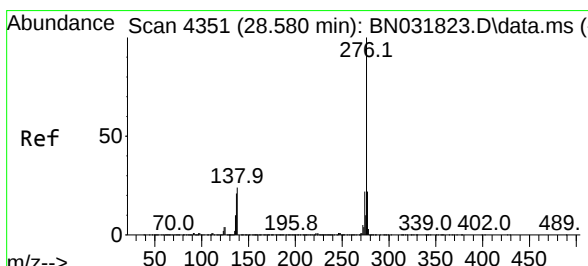
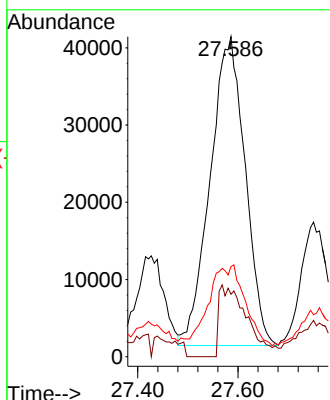
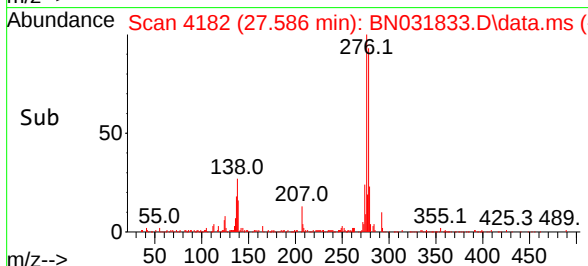
Instrument :
 BNA_N
 ClientSampleId :
 BHBW7



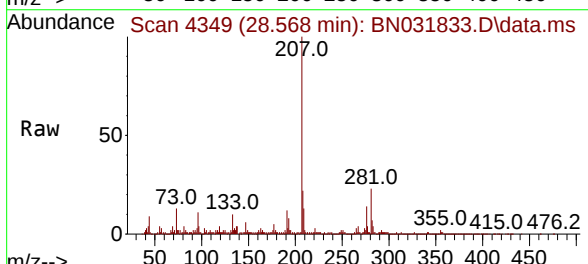
Tgt Ion:278 Resp: 19400
 Ion Ratio Lower Upper
 278 100
 139 19.5 15.0 22.6
 279 28.2 17.4 26.0

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 1.102 ng/ul m
 RT: 28.568 min Scan# 4349
 Delta R.T. 0.000 min
 Lab File: BN031833.D
 Acq: 07 Jun 2024 00:29



Tgt Ion:276 Resp: 94432
 Ion Ratio Lower Upper
 276 100
 138 26.4 20.9 31.3
 277 30.0 18.0 27.0

