

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027096.D
 Acq On : 24 Aug 2023 12:46
 Operator : MA/JU
 Sample : 03968-34DL 5X
 Misc :
 ALS Vial : 116 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48Q2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:11:27 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	7518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	24977	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	15828	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	36606	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	30075	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	28595	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	8795	0.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	1969	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	5535	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	48052	0.681	ng/ul	100
7) 2-Methylnaphthalene	12.561	142	21334	0.499	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	16053	0.359	ng/ul	99
10) Acenaphthylene	14.444	152	5224	0.059	ng/ul#	89
11) Acenaphthene	14.782	153	88417	1.441	ng/ul	98
12) Fluorene	15.762	166	91450	1.317	ng/ul	98
15) Phenanthrene	17.506	178	1072581	8.919	ng/ul	100
16) Anthracene	17.595	178	249540	2.296	ng/ul	100
19) Fluoranthene	19.510	202	990896	7.932	ng/ul	98
20) Pyrene	19.877	202	885685m	6.644	ng/ul	
21) Benzo(a)anthracene	21.621	228	404441	3.381	ng/ul	99
22) Chrysene	21.676	228	366599	3.105	ng/ul	97
24) Benzo(b)fluoranthene	23.386	252	379912m	3.513	ng/ul	
25) Benzo(k)fluoranthene	23.433	252	139657m	1.309	ng/ul	
26) Benzo(a)pyrene	24.059	252	277446	2.843	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.847	276	118088	0.925	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.864	278	31916	0.314	ng/ul#	91
29) Benzo(g,h,i)perylene	27.686	276	106518	1.002	ng/ul	100

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

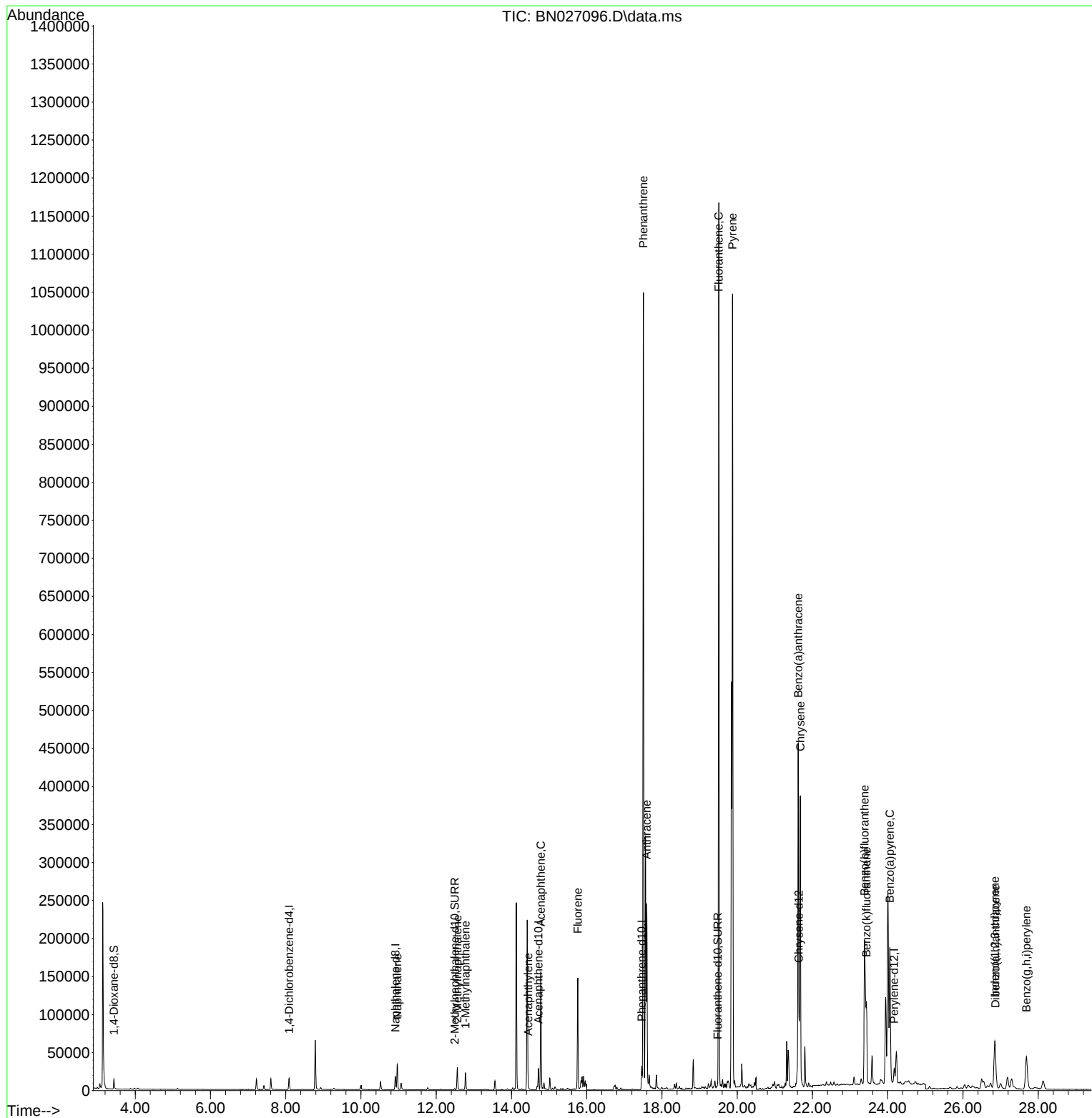
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027096.D
Acq On : 24 Aug 2023 12:46
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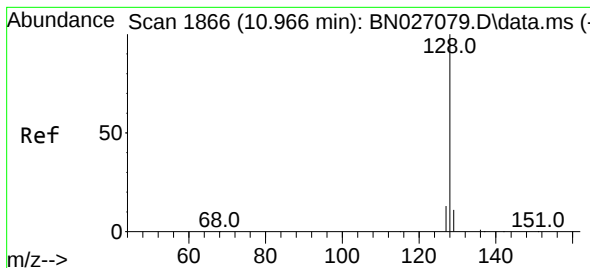
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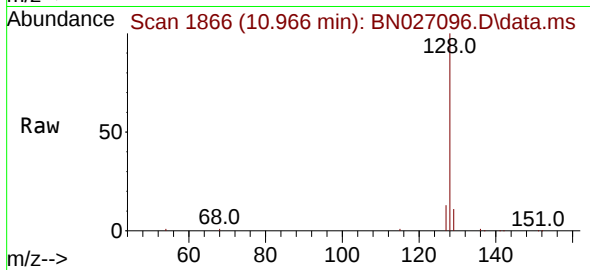
Quant Time: Aug 25 03:11:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
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#5
Naphthalene
Concen: 0.681 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

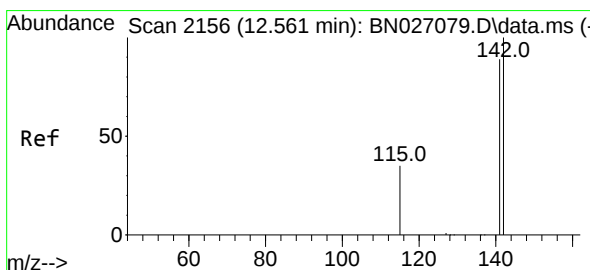
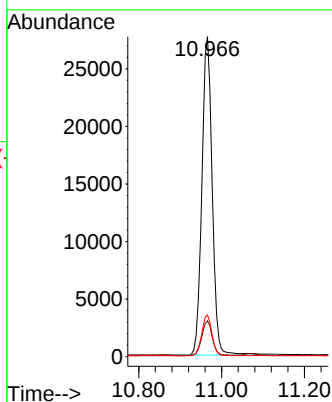
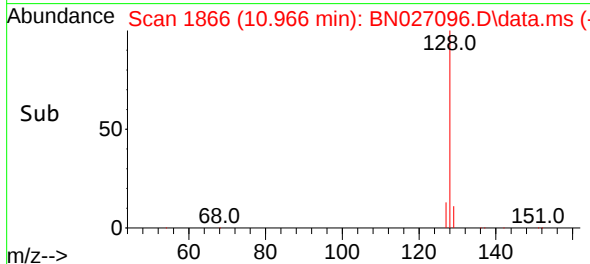
Instrument :
BNA_N
ClientSampleId :
A48Q2DL



Tgt Ion:128 Resp: 48052
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.5 15.7

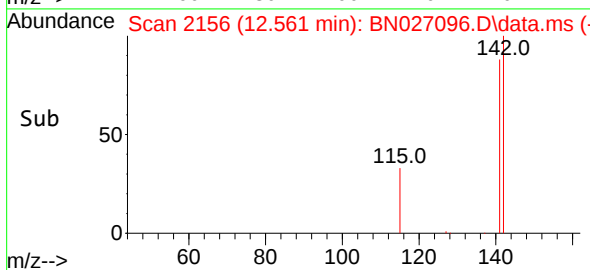
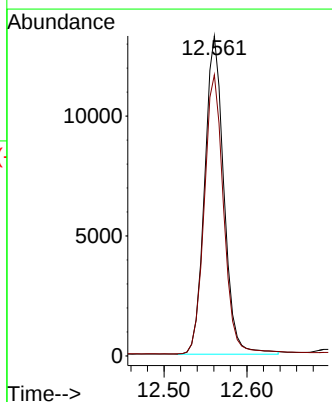
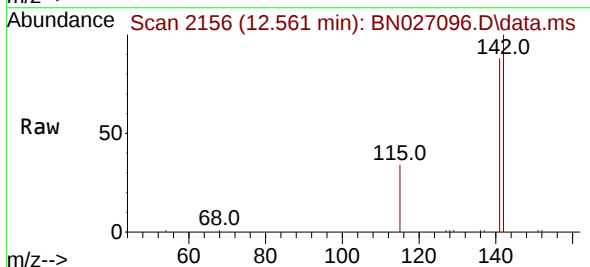
Manual Integrations
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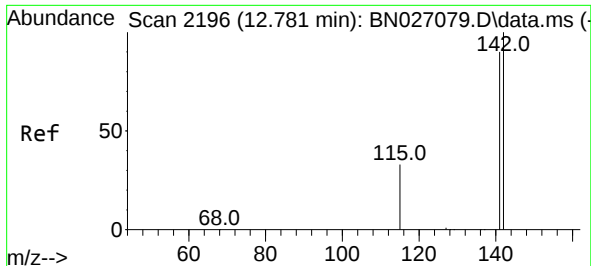
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#7
2-Methylnaphthalene
Concen: 0.499 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

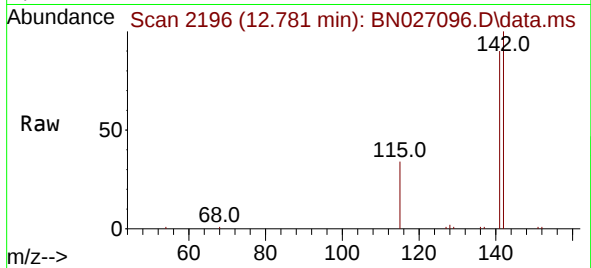
Tgt Ion:142 Resp: 21334
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

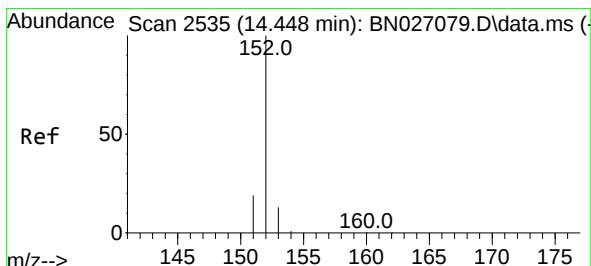
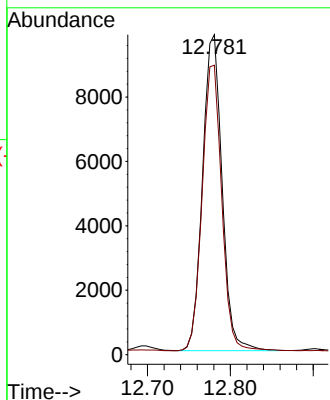
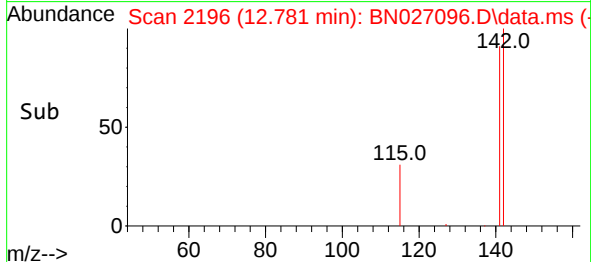
Instrument :
BNA_N
ClientSampleId :
A48Q2DL



Tgt Ion:142 Resp: 1605
Ion Ratio Lower Upper
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141 90.6 73.2 109.8

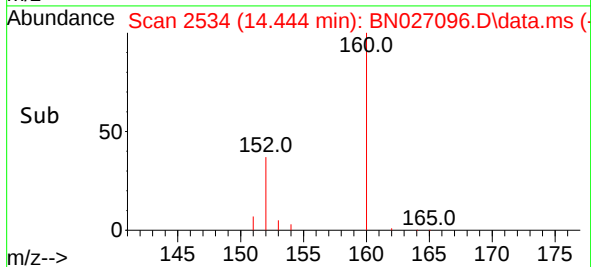
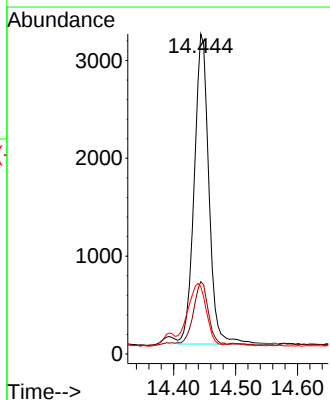
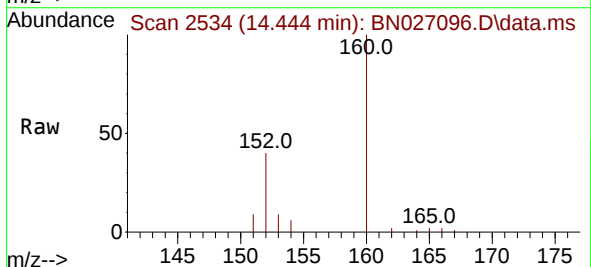
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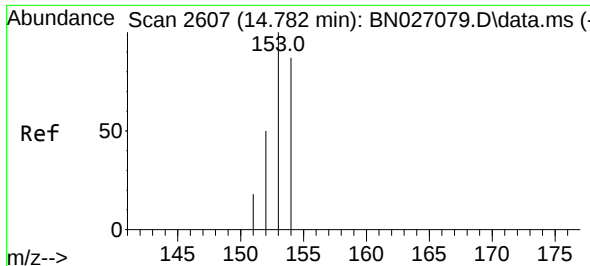
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

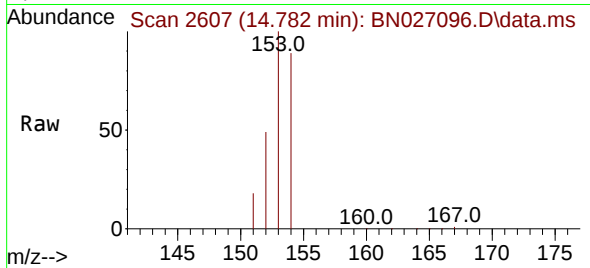
Tgt Ion:152 Resp: 5224
Ion Ratio Lower Upper
152 100
151 22.6 15.9 23.9
153 21.1 11.0 16.6#





#11
Acenaphthene
Concen: 1.441 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

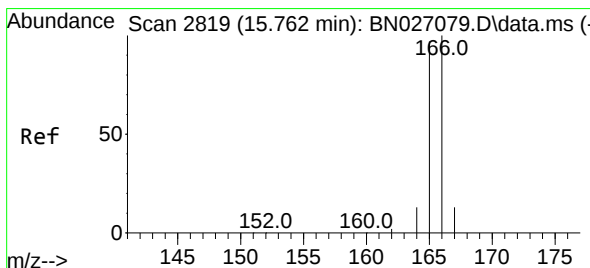
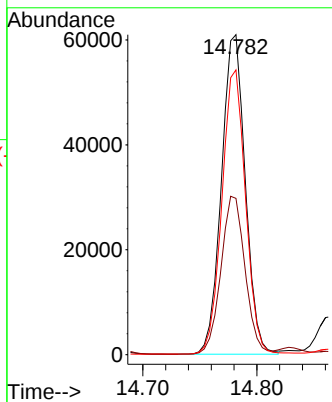
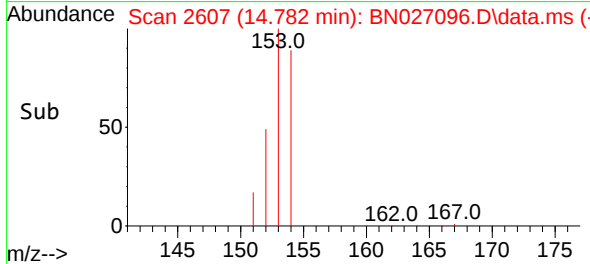
Instrument :
BNA_N
ClientSampleId :
A48Q2DL



Tgt Ion:153 Resp: 8841
Ion Ratio Lower Upper
153 100
152 48.8 41.1 61.7
154 89.0 71.6 107.4

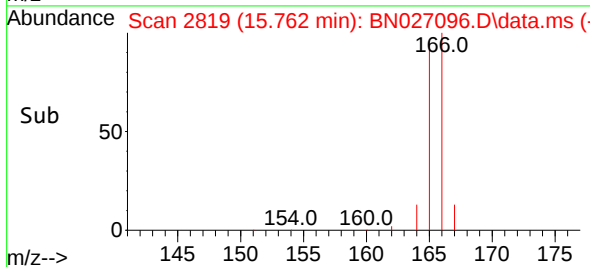
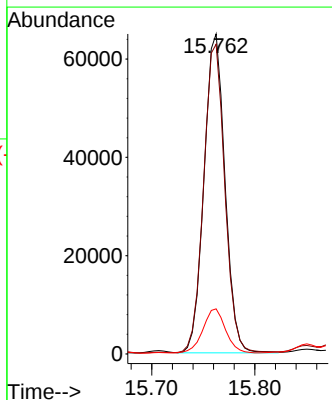
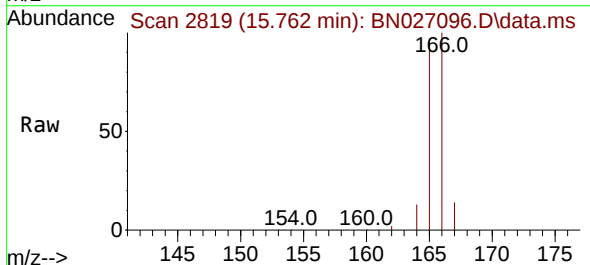
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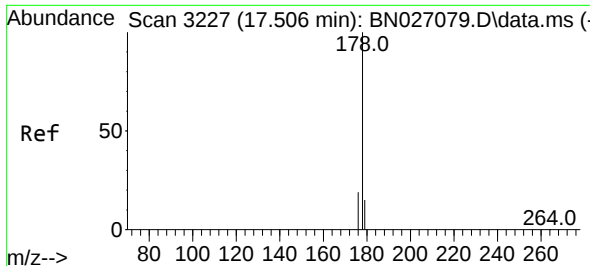
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
Fluorene
Concen: 1.317 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

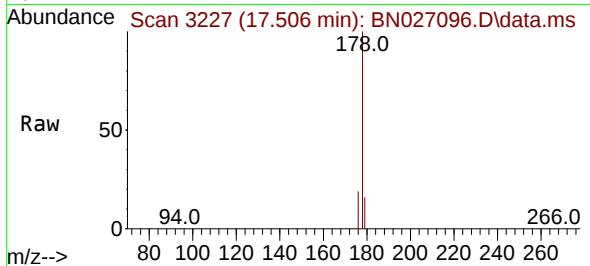
Tgt Ion:166 Resp: 91450
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 14.1 11.4 17.0





#15
Phenanthrene
Concen: 8.919 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

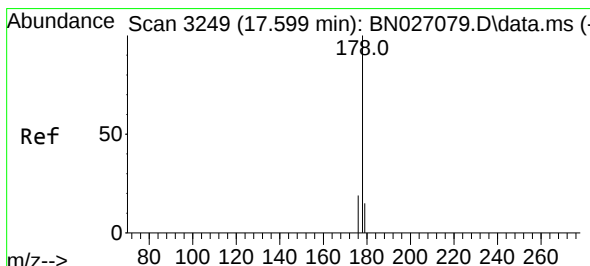
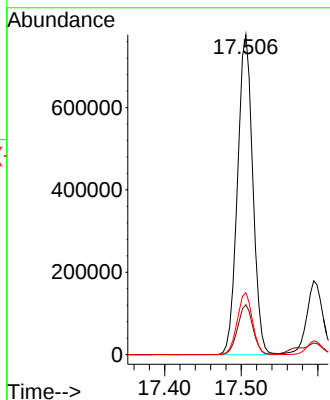
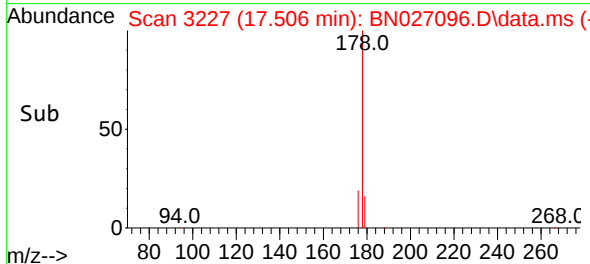
Instrument :
BNA_N
ClientSampleId :
A48Q2DL



Tgt Ion:178 Resp: 107258
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.3 15.4 23.2

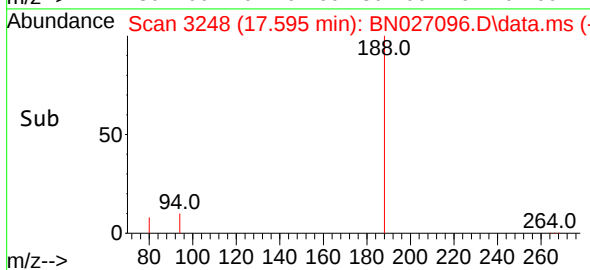
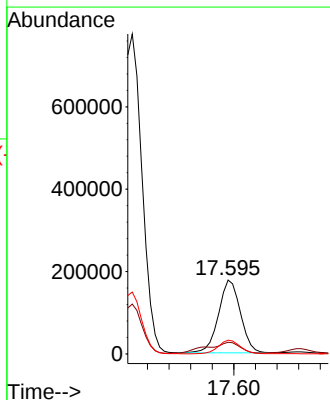
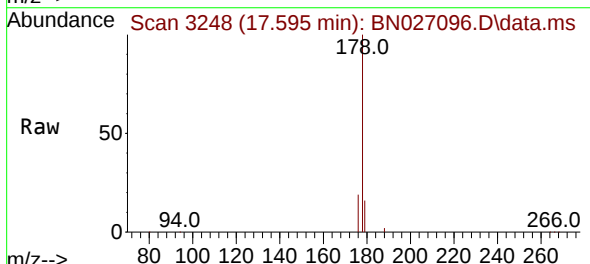
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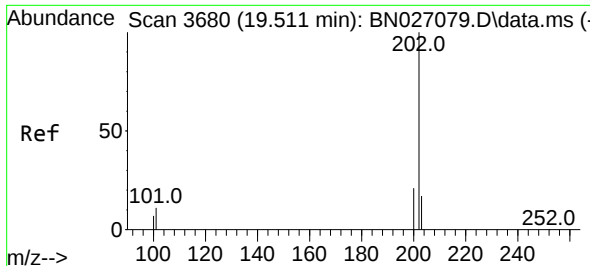
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#16
Anthracene
Concen: 2.296 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

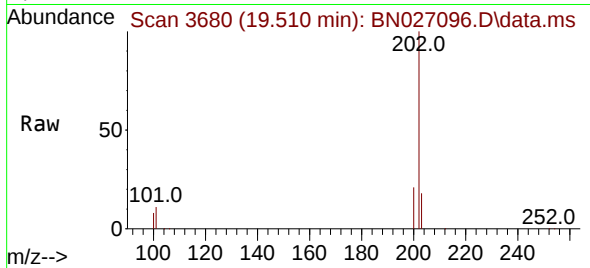
Tgt Ion:178 Resp: 249540
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 7.932 ng/ul
RT: 19.510 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

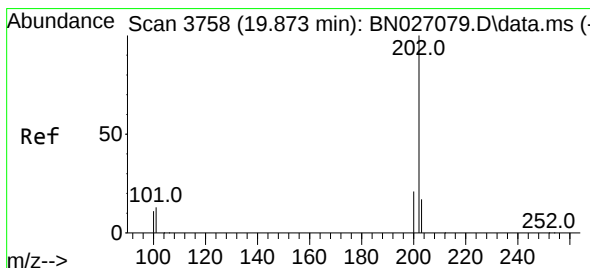
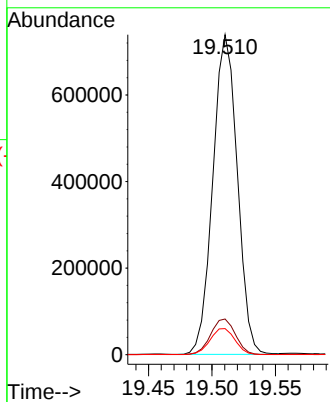
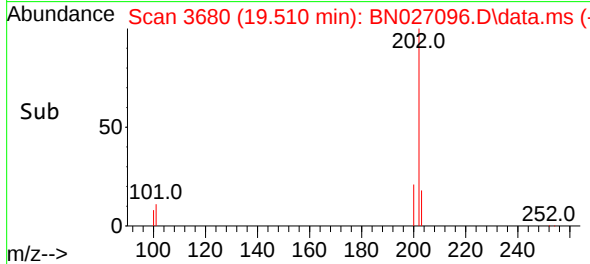
Instrument :
BNA_N
ClientSampleId :
A48Q2DL



Tgt Ion:202 Resp: 990890
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 8.2 6.2 9.2

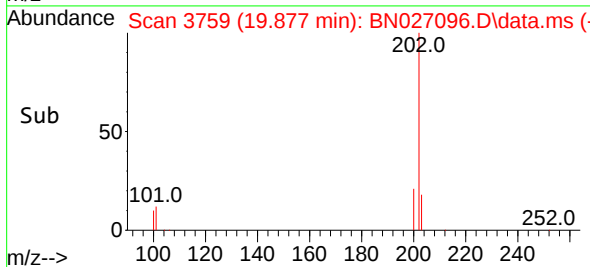
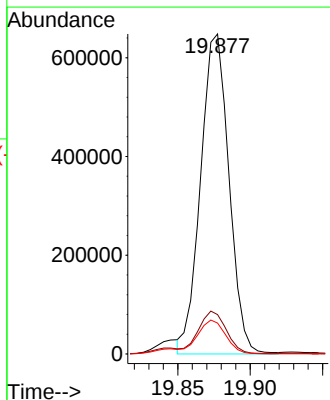
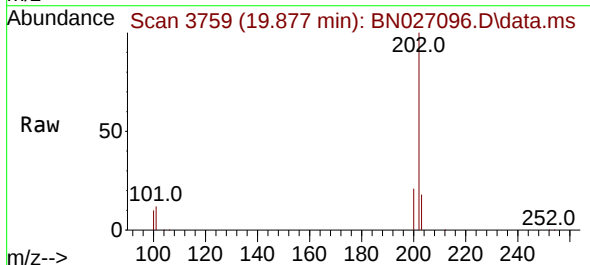
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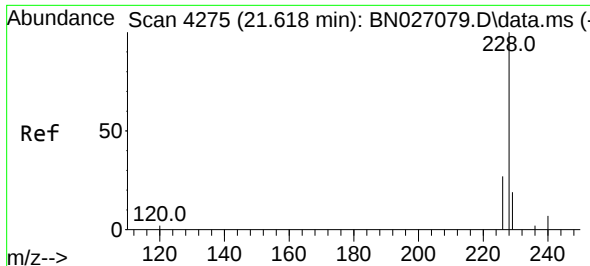
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#20
Pyrene
Concen: 6.644 ng/ul m
RT: 19.877 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

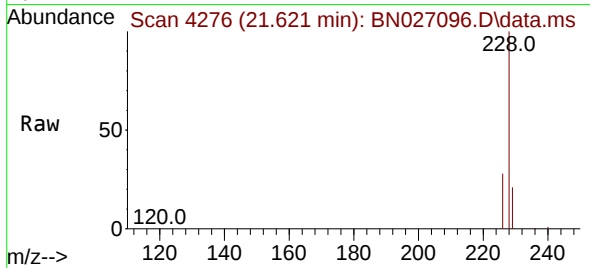
Tgt Ion:202 Resp: 885685
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.7 8.5 12.7





#21
Benzo(a)anthracene
Concen: 3.381 ng/u1
RT: 21.621 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

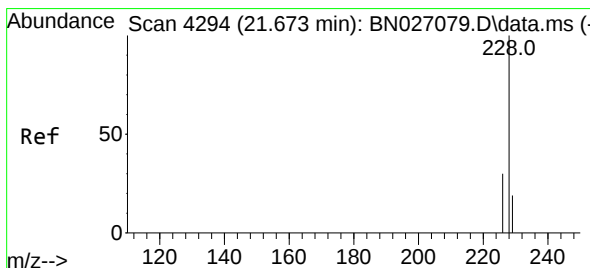
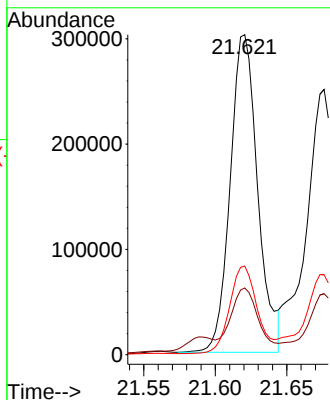
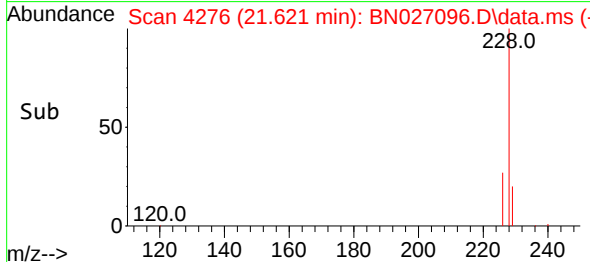
Instrument :
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A48Q2DL



Tgt Ion:228 Resp: 40444
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 27.7 22.2 33.2

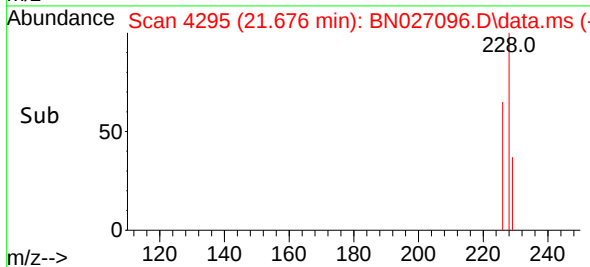
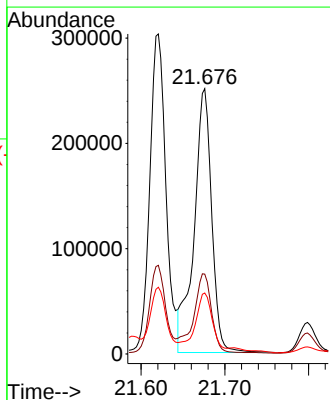
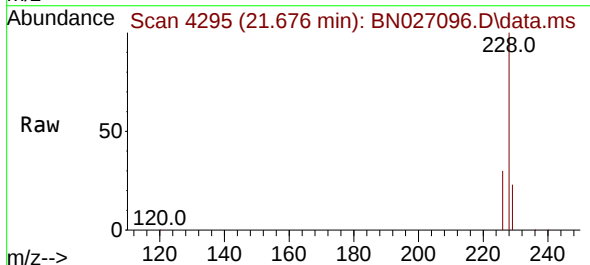
Manual Integrations
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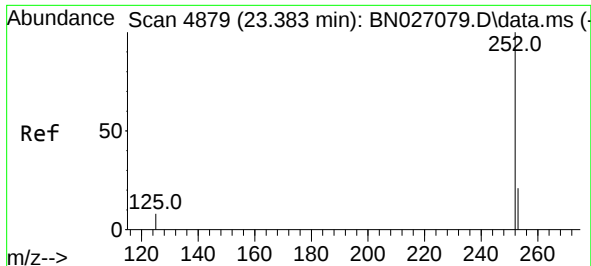
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#22
Chrysene
Concen: 3.105 ng/u1
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

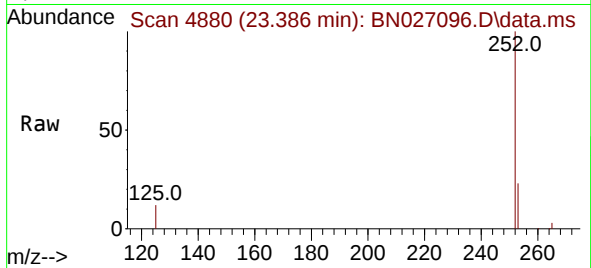
Tgt Ion:228 Resp: 366599
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.513 ng/ul m
RT: 23.386 min Scan# 4880
Delta R.T. -0.000 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

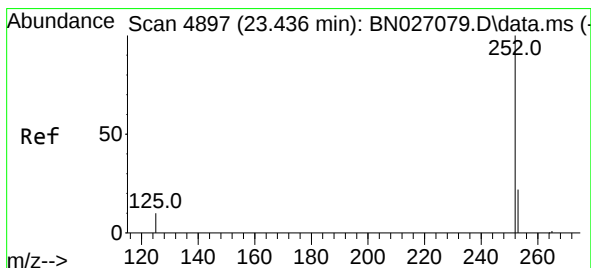
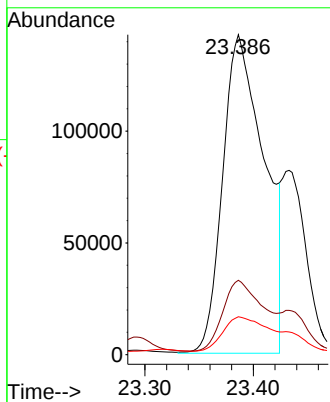
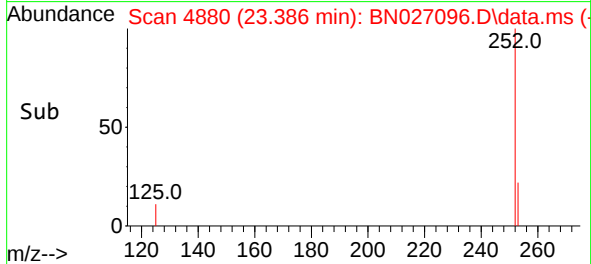
Instrument :
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A48Q2DL



Tgt Ion:252 Resp: 37991
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.8
125 11.9 0.0 25.2

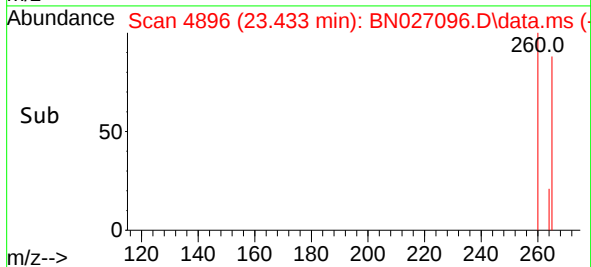
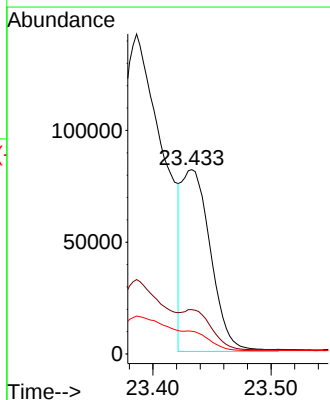
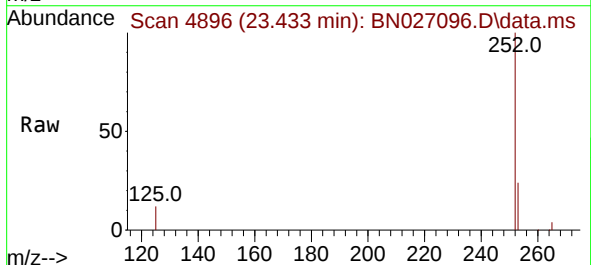
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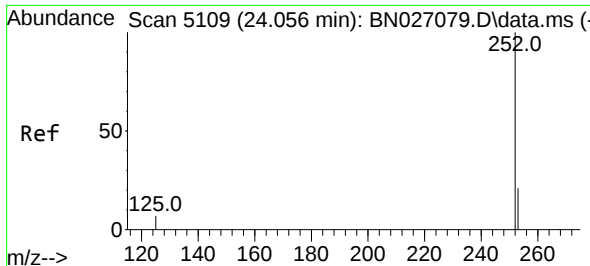
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#25
Benzo(k)fluoranthene
Concen: 1.309 ng/ul m
RT: 23.433 min Scan# 4896
Delta R.T. -0.006 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

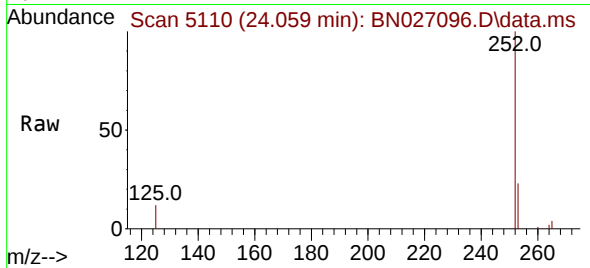
Tgt Ion:252 Resp: 139657
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.4
125 12.3 9.9 14.9





#26
Benzo(a)pyrene
Concen: 2.843 ng/ul
RT: 24.059 min Scan# 5109
Delta R.T. -0.003 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

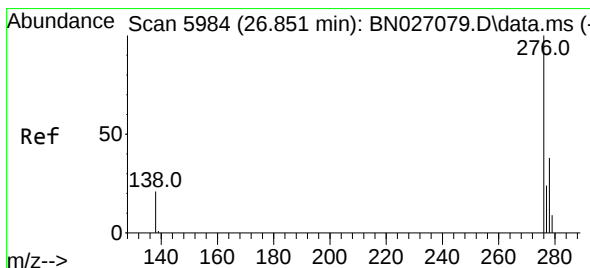
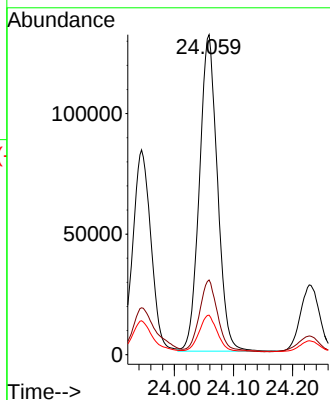
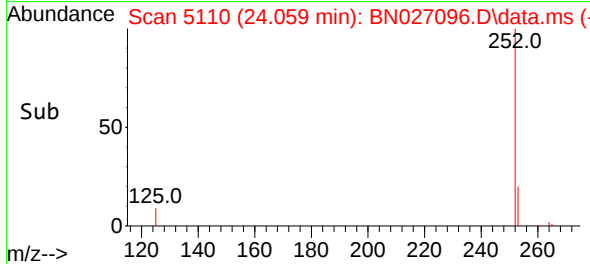
Instrument :
BNA_N
ClientSampleId :
A48Q2DL



Tgt Ion:252 Resp: 277440
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.6
125 12.3 11.4 17.0

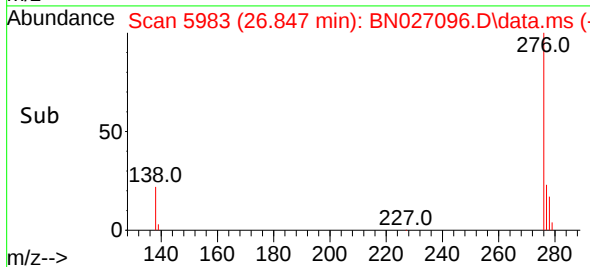
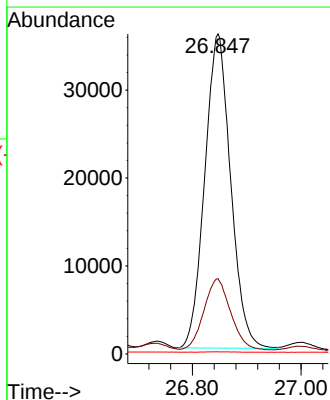
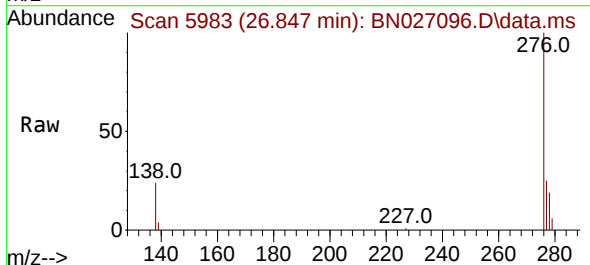
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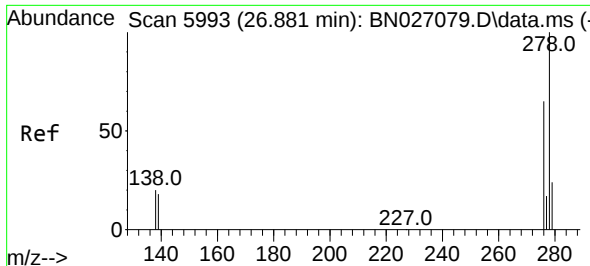
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.925 ng/ul
RT: 26.847 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

Tgt Ion:276 Resp: 118088
Ion Ratio Lower Upper
276 100
138 23.2 21.6 32.4
227 0.1 0.0 0.0#





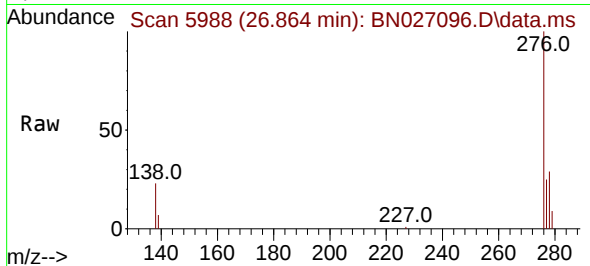
#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.864 min Scan# 5993
Delta R.T. -0.020 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46

Instrument :

BNA_N

ClientSampleId :

A48Q2DL

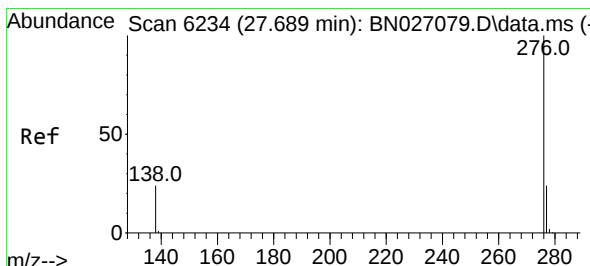
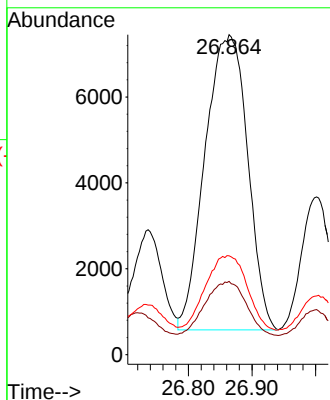
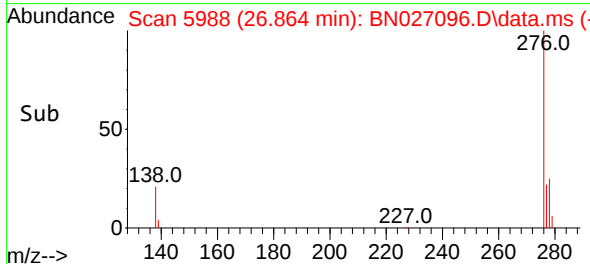


Tgt Ion:278 Resp: 31910
Ion Ratio Lower Upper
278 100
139 22.9 15.7 23.5
279 30.9 20.2 30.4

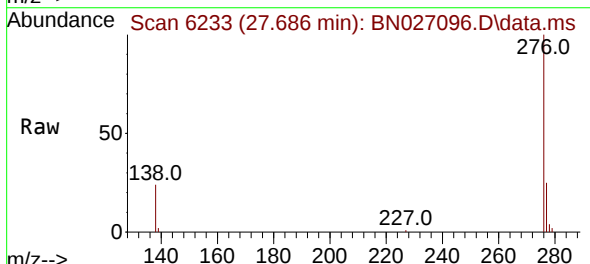
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#29
Benzo(g,h,i)perylene
Concen: 1.002 ng/ul
RT: 27.686 min Scan# 6233
Delta R.T. -0.010 min
Lab File: BN027096.D
Acq: 24 Aug 2023 12:46



Tgt Ion:276 Resp: 106518
Ion Ratio Lower Upper
276 100
138 24.2 19.3 28.9
277 24.8 19.8 29.8

