

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026956.D
 Acq On : 18 Aug 2023 12:28
 Operator : MA/JU
 Sample : 03965-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48J5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 13:29:59 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 : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	22579	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	13239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	31131	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	27529	0.400	ng/ul	0.00
23) Perylene-d12	24.199	264	27729	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	21772	2.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	5753	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15144	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	928574	14.553	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	9880	0.256	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	1851	0.046	ng/ul	100
10) Acenaphthylene	14.458	152	8495	0.115	ng/ul	97
11) Acenaphthene	14.796	153	3961	0.077	ng/ul	99
12) Fluorene	15.776	166	5751	0.099	ng/ul	98
15) Phenanthrene	17.519	178	184956	1.808	ng/ul	100
16) Anthracene	17.607	178	43053	0.466	ng/ul	99
19) Fluoranthene	19.524	202	715603	6.258	ng/ul	99
20) Pyrene	19.887	202	645953m	5.294	ng/ul	
21) Benzo(a)anthracene	21.632	228	401573	3.668	ng/ul	99
22) Chrysene	21.691	228	408726	3.782	ng/ul	98
24) Benzo(b)fluoranthene	23.410	252	547333m	5.219	ng/ul	
25) Benzo(k)fluoranthene	23.456	252	198367m	1.918	ng/ul	
26) Benzo(a)pyrene	24.085	252	406279	4.293	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.887	276	254170	2.053	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.904	278	59305	0.601	ng/ul	96
29) Benzo(g,h,i)perylene	27.729	276	231435	2.245	ng/ul	99

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

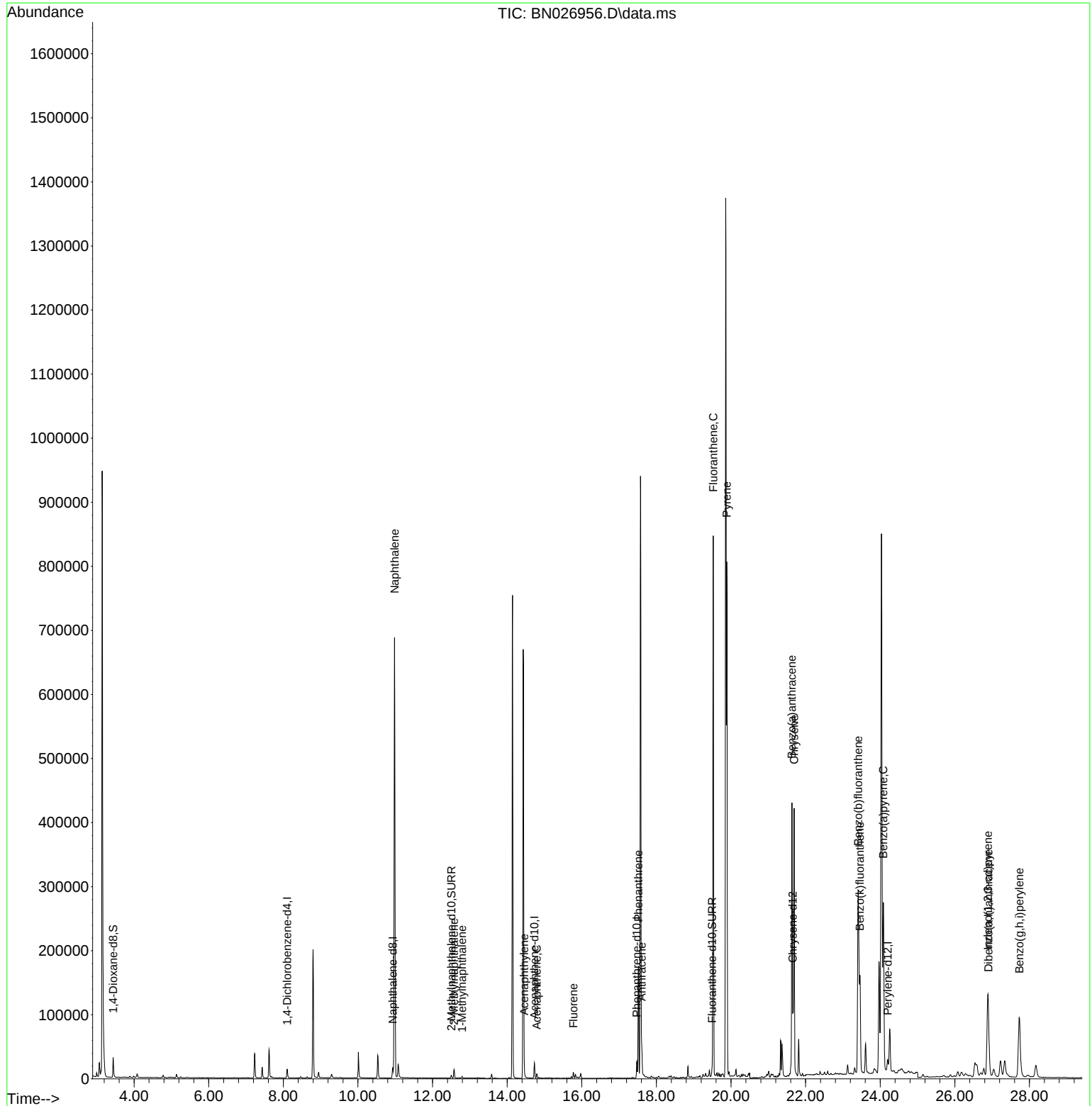
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026956.D
Acq On : 18 Aug 2023 12:28
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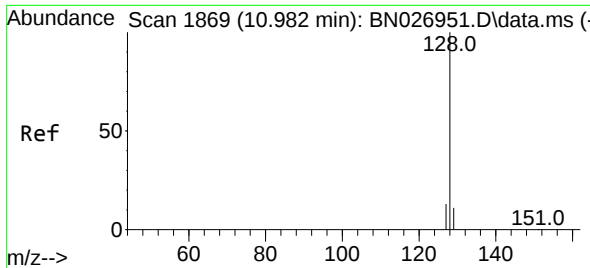
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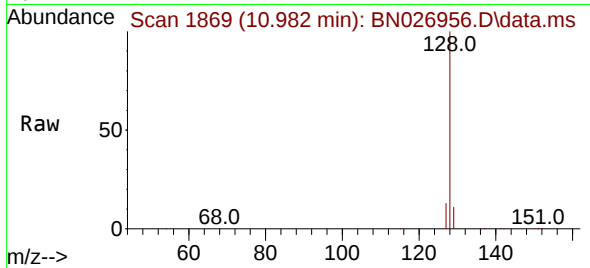
Quant Time: Aug 18 13:29:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#5
Naphthalene
Concen: 14.553 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

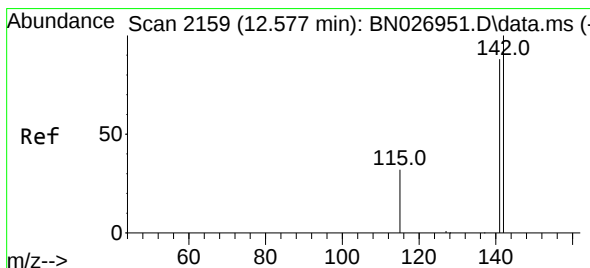
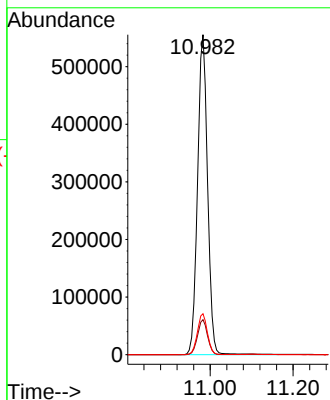
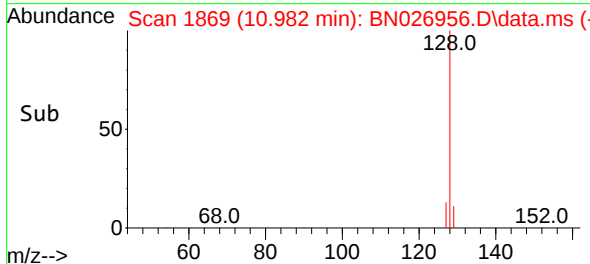
Instrument :
BNA_N
ClientSampleId :
A48J5



Tgt Ion:128 Resp: 928574
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.5 15.7

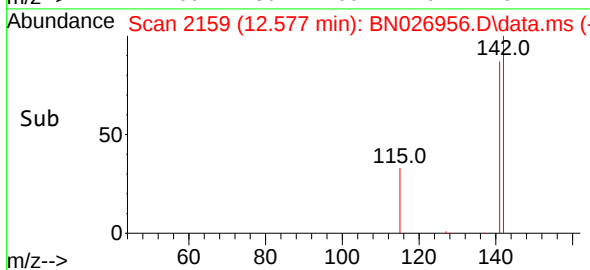
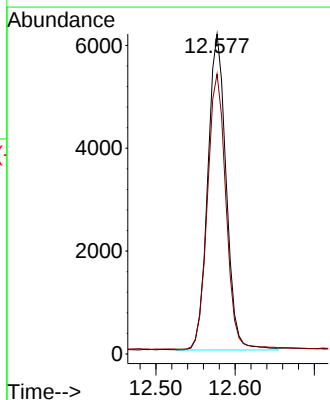
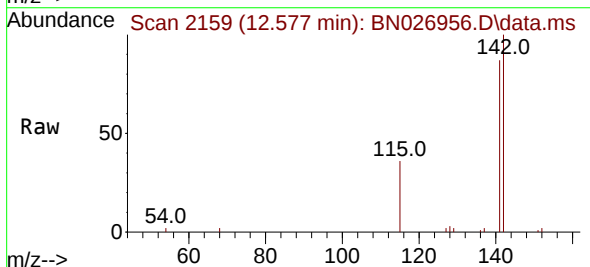
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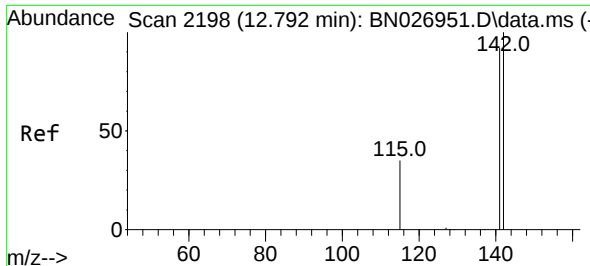
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#7
2-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

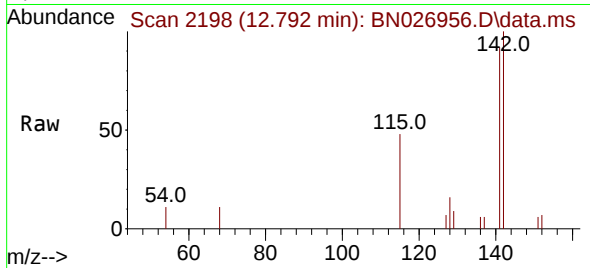
Tgt Ion:142 Resp: 9880
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

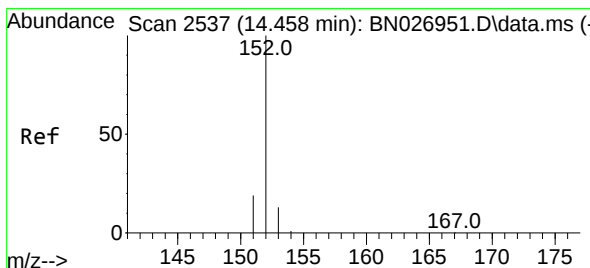
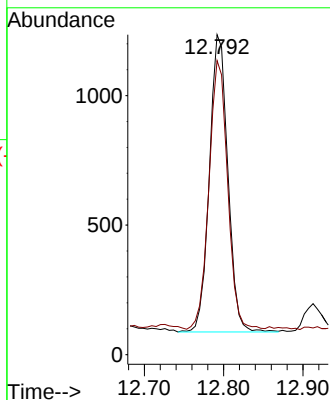
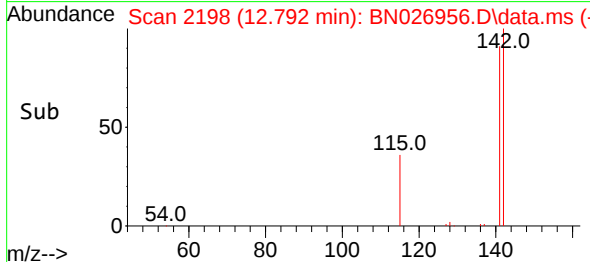
Instrument :
BNA_N
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Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
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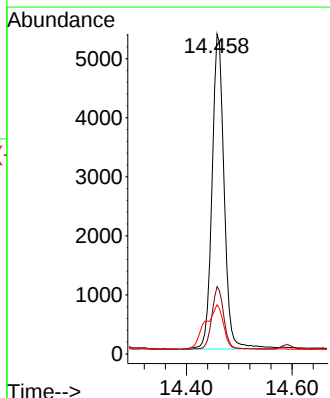
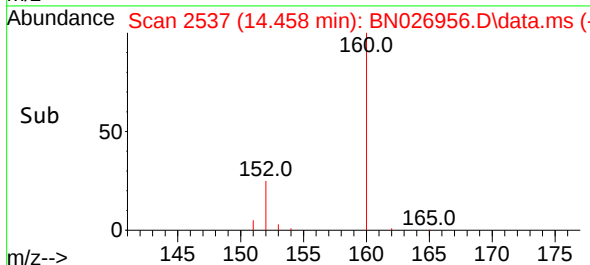
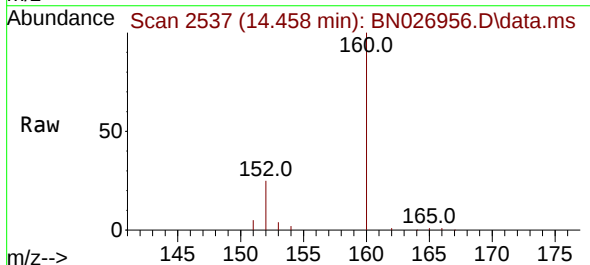
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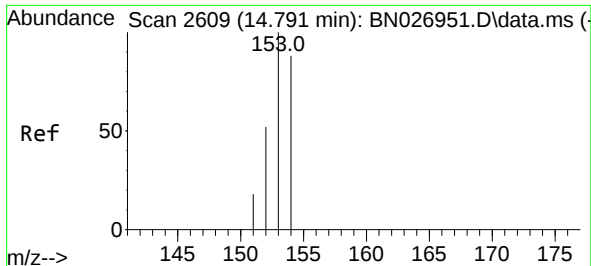
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.115 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

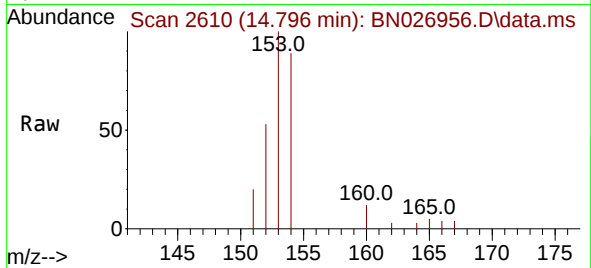
Tgt Ion:152 Resp: 8495
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 15.4 11.0 16.6





#11
Acenaphthene
Concen: 0.077 ng/u1
RT: 14.796 min Scan# 2610
Delta R.T. 0.005 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

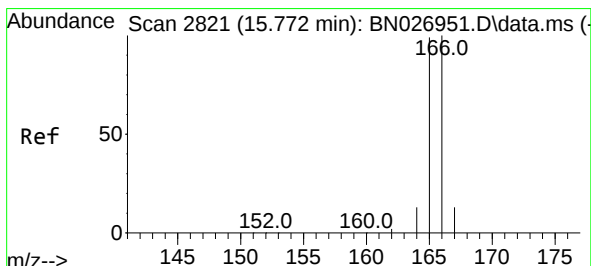
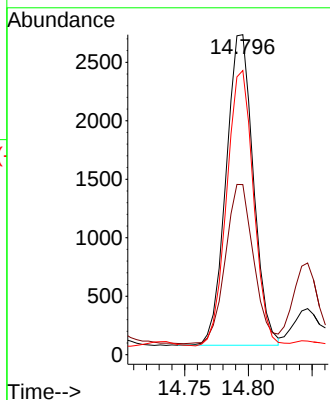
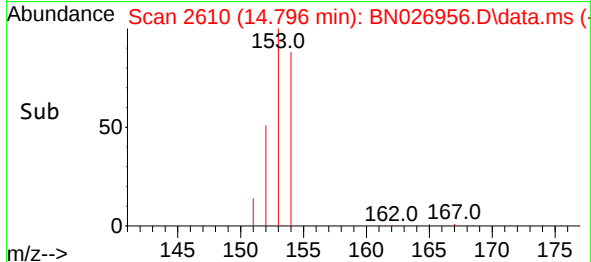
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 396
Ion Ratio Lower Upper
153 100
152 53.1 41.1 61.7
154 88.8 71.6 107.4

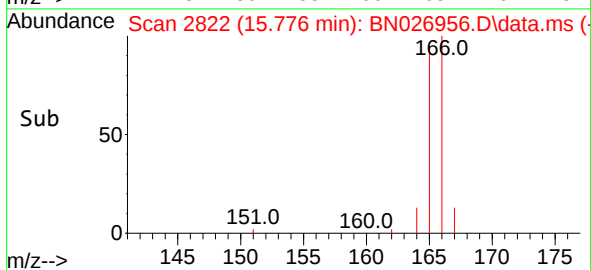
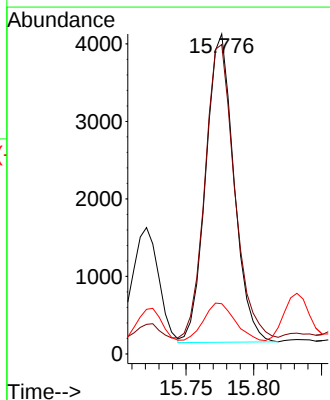
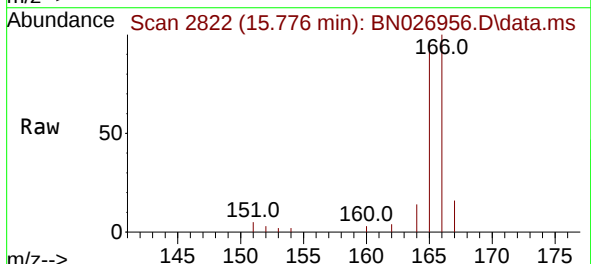
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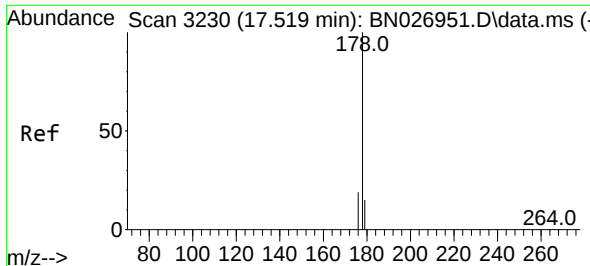
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
Fluorene
Concen: 0.099 ng/u1
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

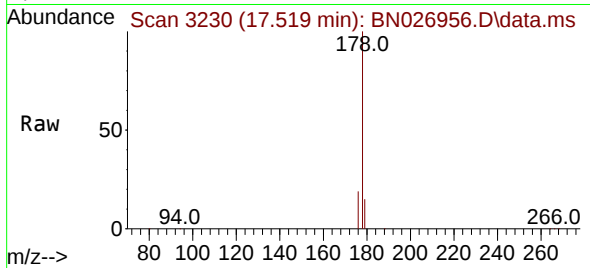
Tgt Ion:166 Resp: 5751
Ion Ratio Lower Upper
166 100
165 96.7 79.1 118.7
167 15.7 11.4 17.0





#15
Phenanthrene
Concen: 1.808 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

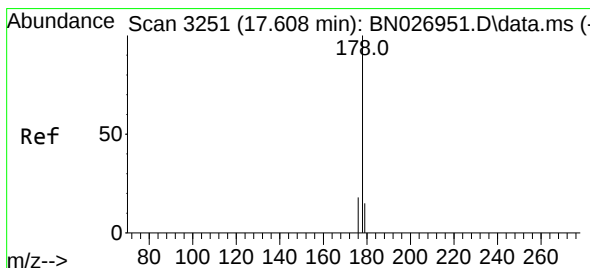
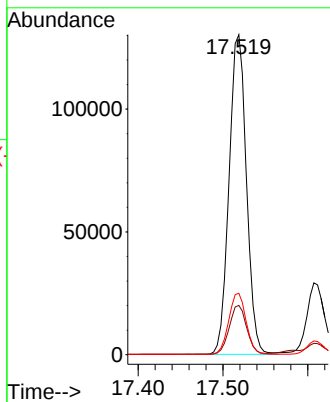
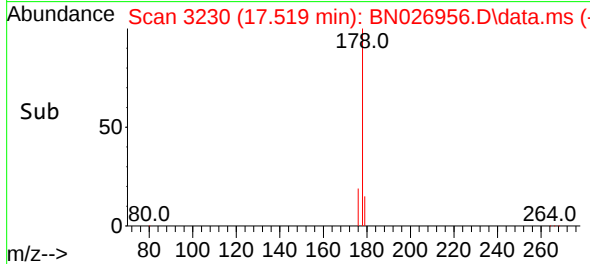
Instrument :
BNA_N
ClientSampleId :
A48J5



Tgt Ion:178 Resp: 184950
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.4 23.2

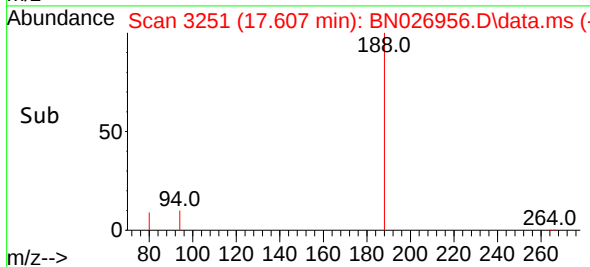
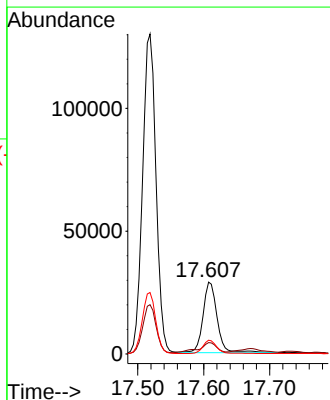
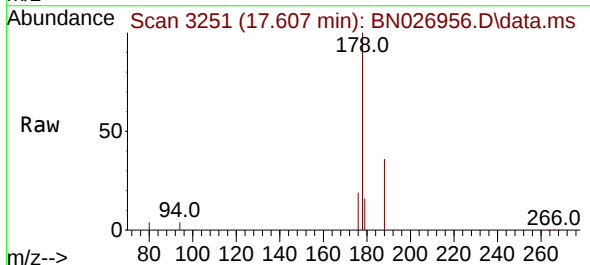
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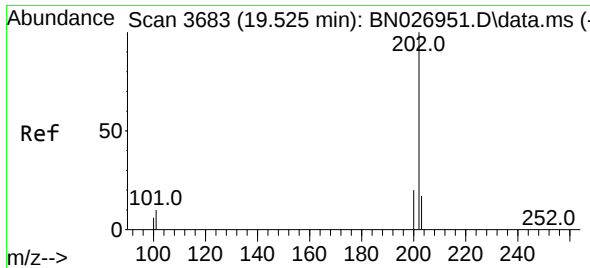
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

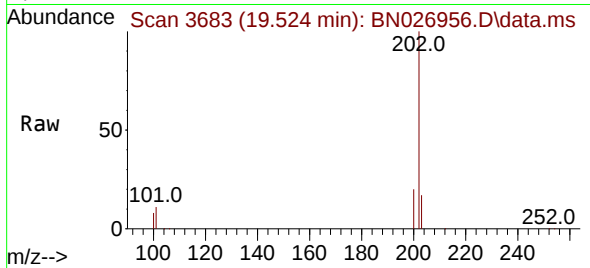
Tgt Ion:178 Resp: 43053
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 6.258 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

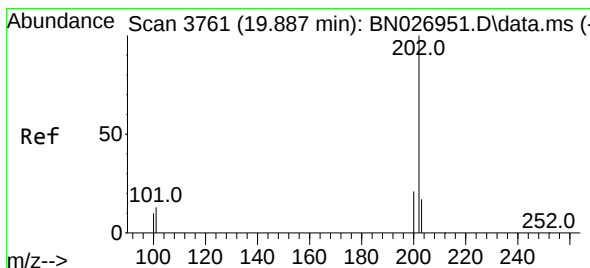
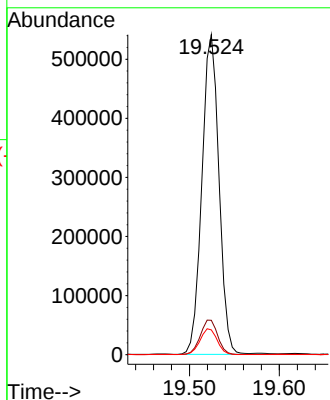
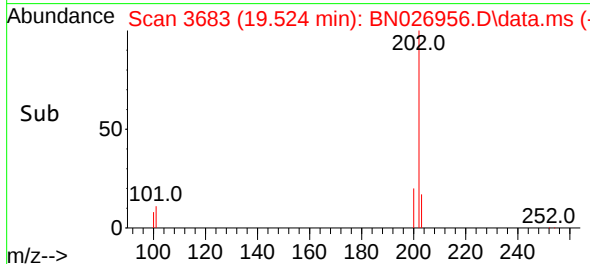
Instrument :
BNA_N
ClientSampleId :
A48J5



Tgt Ion:202 Resp: 71560
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
100 7.8 6.2 9.2

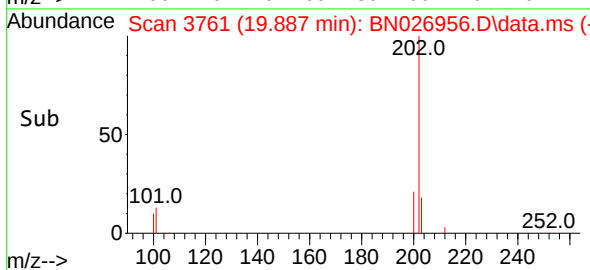
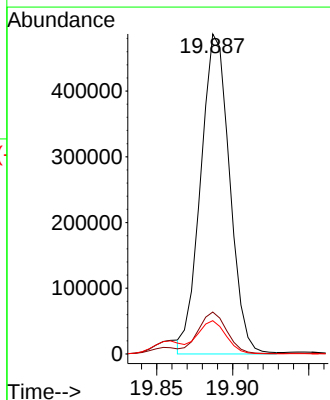
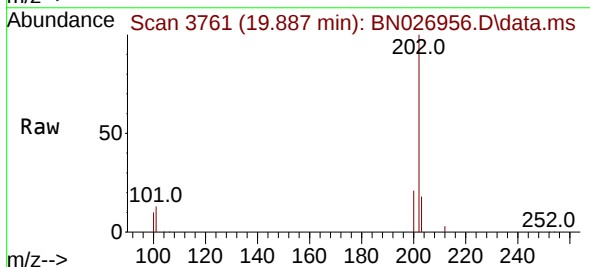
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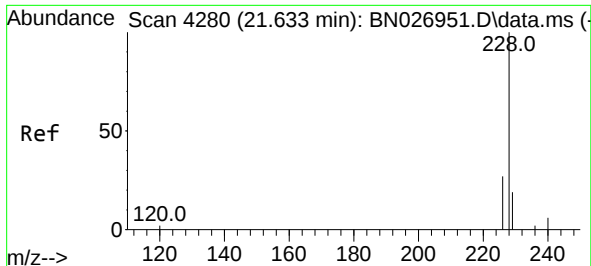
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#20
Pyrene
Concen: 5.294 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

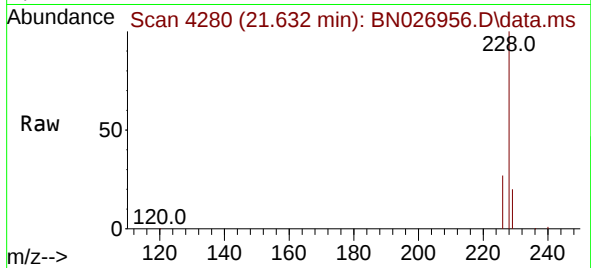
Tgt Ion:202 Resp: 645953
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.4 8.5 12.7





#21
Benzo(a)anthracene
Concen: 3.668 ng/ul
RT: 21.632 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

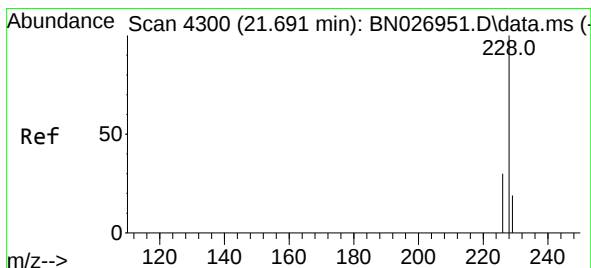
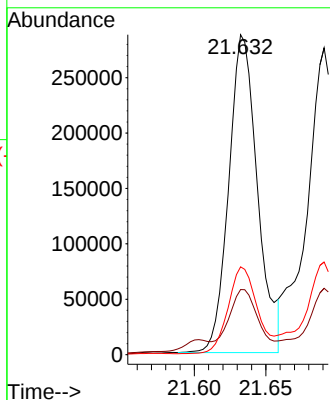
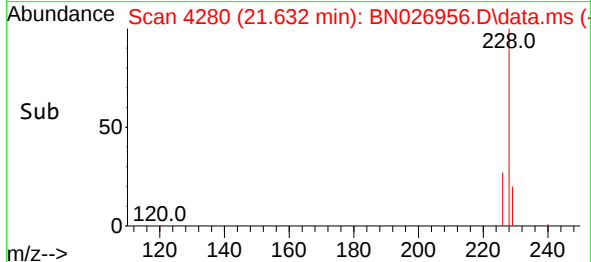
Instrument :
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A48J5



Tgt Ion:228 Resp: 40157
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.5 22.2 33.2

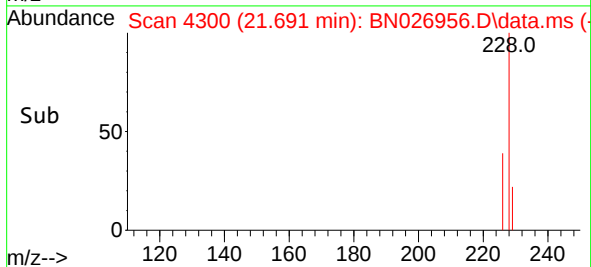
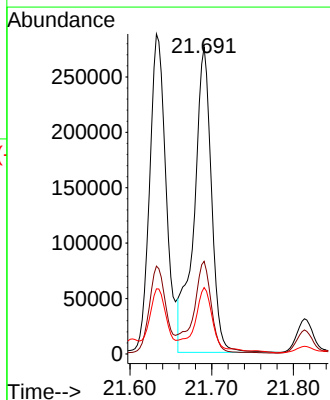
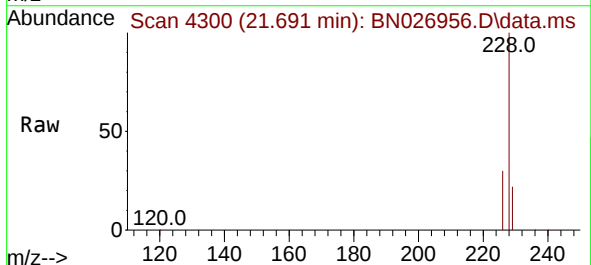
Manual Integrations
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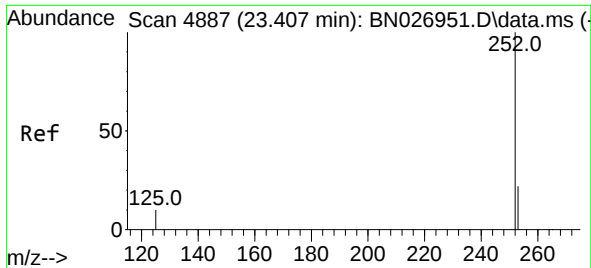
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#22
Chrysene
Concen: 3.782 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

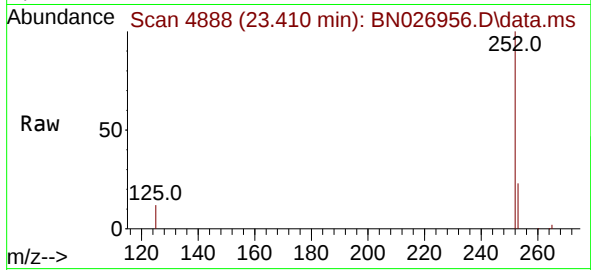
Tgt Ion:228 Resp: 408726
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.219 ng/ul m
RT: 23.410 min Scan# 4888
Delta R.T. 0.003 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

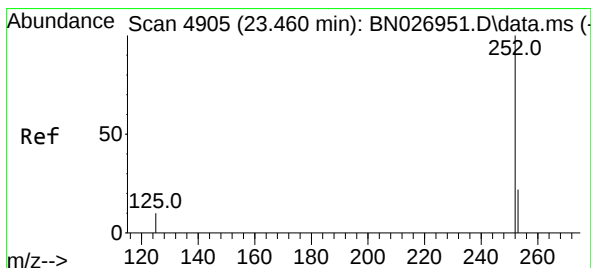
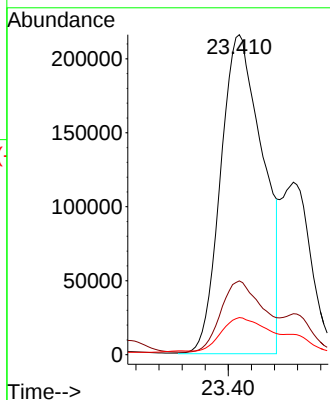
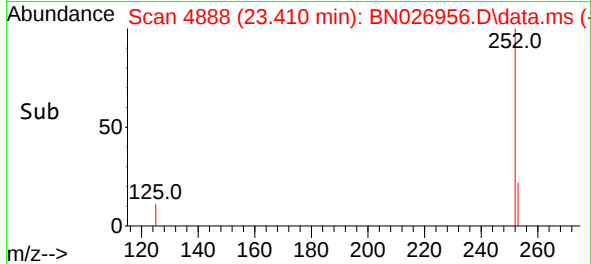
Instrument :
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Tgt Ion:252 Resp: 54733
Ion Ratio Lower Upper
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253 23.0 0.0 46.8
125 11.6 0.0 25.2

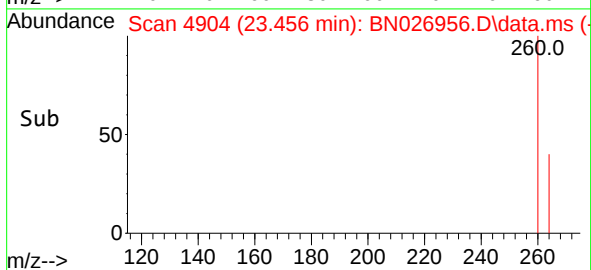
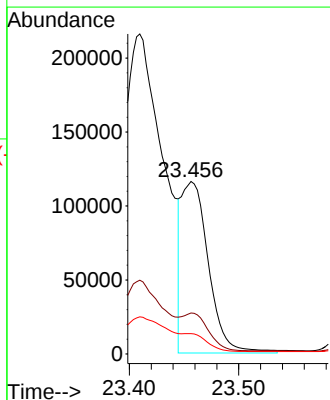
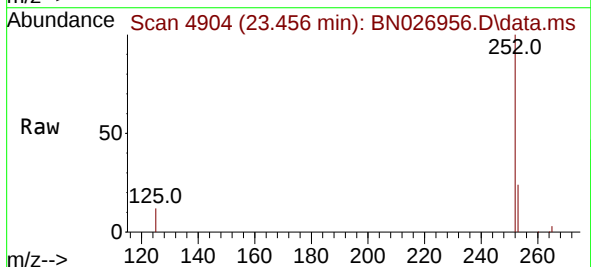
Manual Integrations
APPROVED

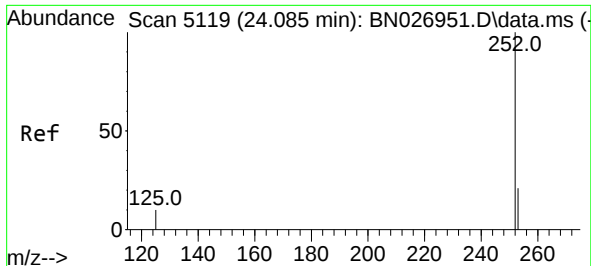
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#25
Benzo(k)fluoranthene
Concen: 1.918 ng/ul m
RT: 23.456 min Scan# 4904
Delta R.T. -0.003 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

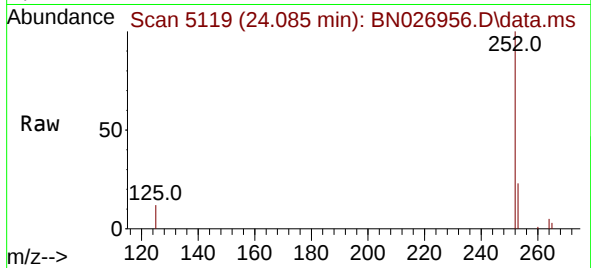
Tgt Ion:252 Resp: 198367
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 11.7 9.9 14.9





#26
Benzo(a)pyrene
Concen: 4.293 ng/ul
RT: 24.085 min Scan# 5119
Delta R.T. -0.000 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

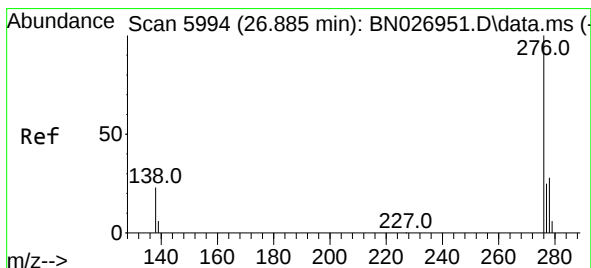
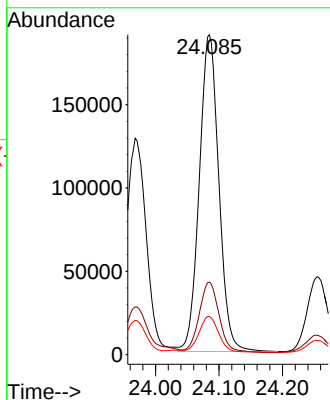
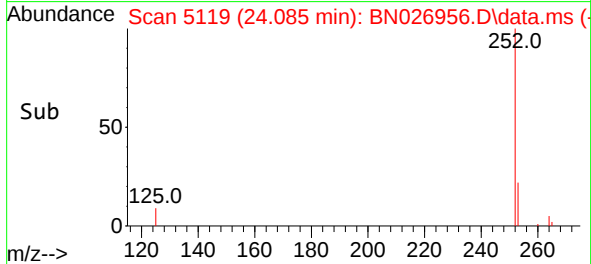
Instrument :
BNA_N
ClientSampleId :
A48J5



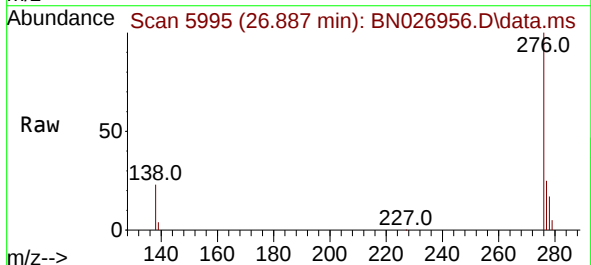
Tgt Ion:252 Resp: 406279
Ion Ratio Lower Upper
252 100
253 22.7 19.0 28.6
125 11.9 11.4 17.0

Manual Integrations
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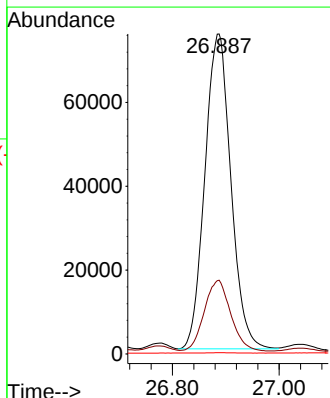
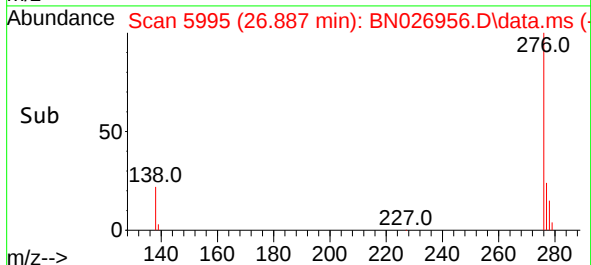
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

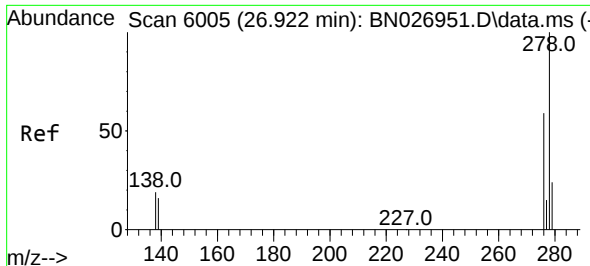


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.053 ng/ul
RT: 26.887 min Scan# 5995
Delta R.T. 0.003 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28



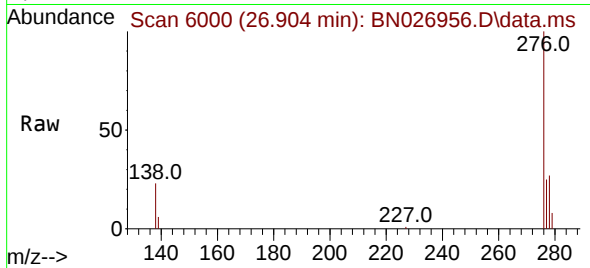
Tgt Ion:276 Resp: 254170
Ion Ratio Lower Upper
276 100
138 22.6 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.601 ng/ul
RT: 26.904 min Scan# 6005
Delta R.T. -0.017 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28

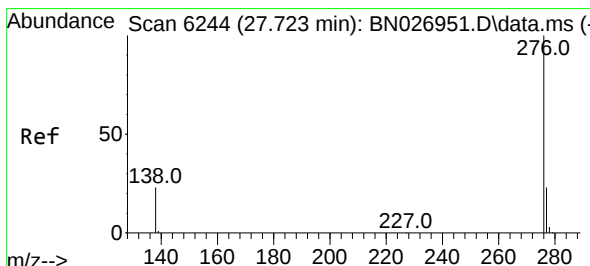
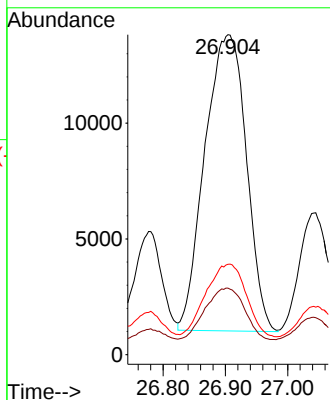
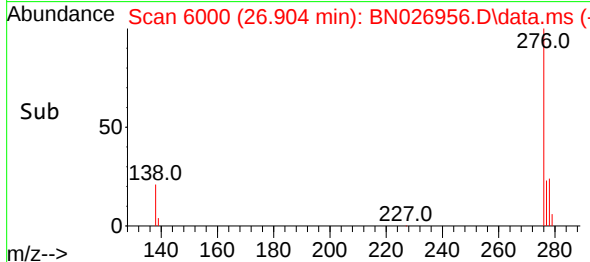
Instrument :
BNA_N
ClientSampleId :
A48J5



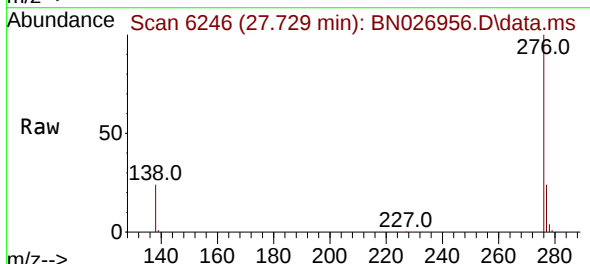
Tgt Ion: 278 Resp: 5930
Ion Ratio Lower Upper
278 100
139 20.8 15.7 23.5
279 28.3 20.2 30.4

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Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#29
Benzo(g,h,i)perylene
Concen: 2.245 ng/ul
RT: 27.729 min Scan# 6246
Delta R.T. 0.006 min
Lab File: BN026956.D
Acq: 18 Aug 2023 12:28



Tgt Ion: 276 Resp: 231435
Ion Ratio Lower Upper
276 100
138 23.6 19.3 28.9
277 24.3 19.8 29.8

