

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026979.D
 Acq On : 19 Aug 2023 04:28
 Operator : MA/JU
 Sample : 03965-18DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L3DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 19 04:58:44 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	8.101	152	7477	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	24392	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	14846	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	33410	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	29006	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	28287	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5790	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1760	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	4550	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	9998	0.145	ng/ul	97
7) 2-Methylnaphthalene	12.571	142	5287	0.127	ng/ul	100
8) 1-Methylnaphthalene	12.791	142	4571	0.105	ng/ul	100
10) Acenaphthylene	14.458	152	21510	0.259	ng/ul	100
11) Acenaphthene	14.791	153	5159	0.090	ng/ul	97
12) Fluorene	15.771	166	10119	0.155	ng/ul	99
15) Phenanthrene	17.515	178	265024	2.415	ng/ul	99
16) Anthracene	17.607	178	65705	0.662	ng/ul	100
19) Fluoranthene	19.520	202	574348	4.767	ng/ul	99
20) Pyrene	19.882	202	481736m	3.747	ng/ul	
21) Benzo(a)anthracene	21.627	228	256729	2.225	ng/ul	99
22) Chrysene	21.685	228	244822m	2.150	ng/ul	
24) Benzo(b)fluoranthene	23.398	252	304921m	2.850	ng/ul	
25) Benzo(k)fluoranthene	23.445	252	125799m	1.192	ng/ul	
26) Benzo(a)pyrene	24.070	252	220174	2.281	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.871	276	128935	1.021	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.891	278	29706	0.295	ng/ul	92
29) Benzo(g,h,i)perylene	27.709	276	107671	1.024	ng/ul	99

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

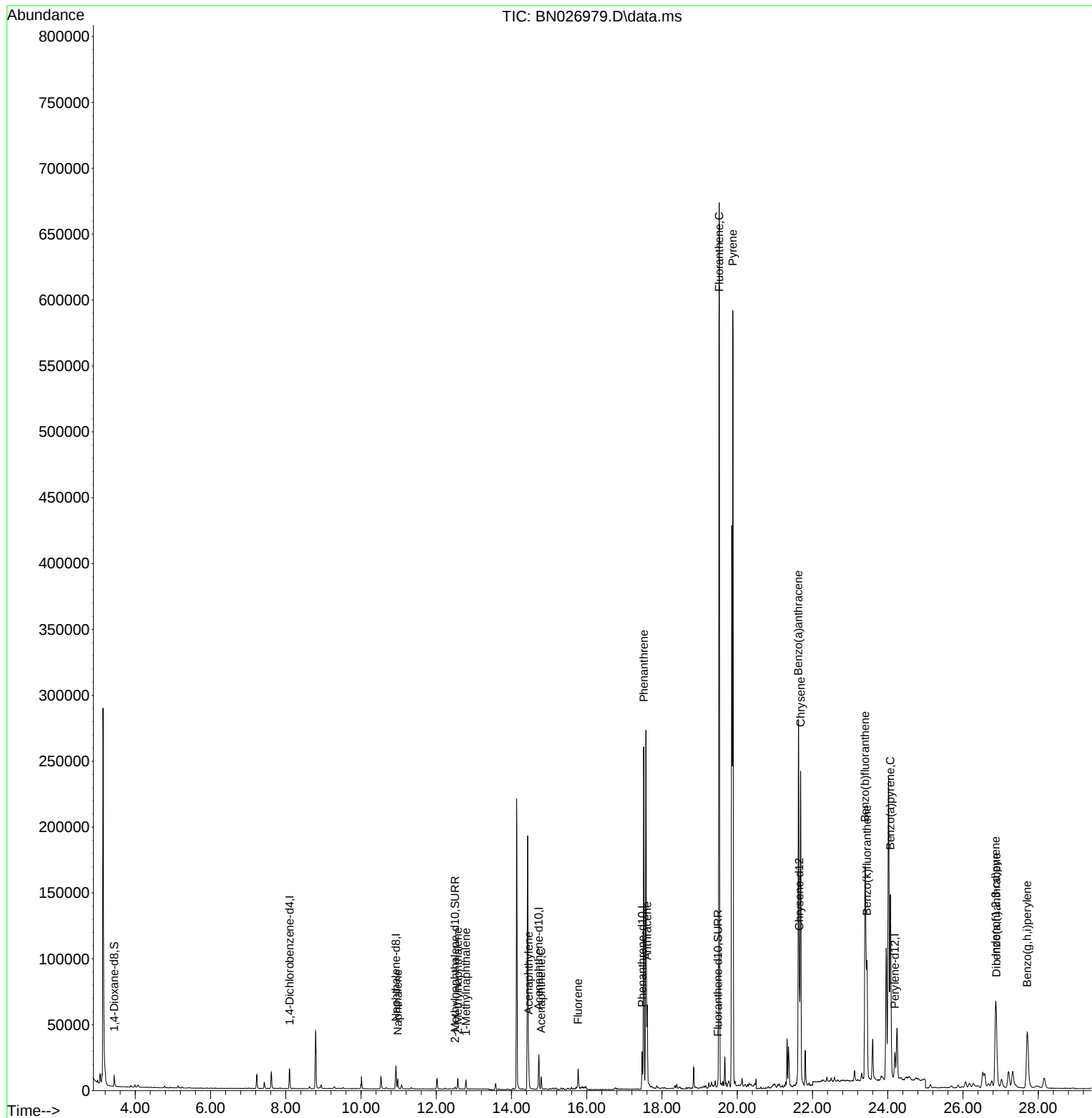
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026979.D
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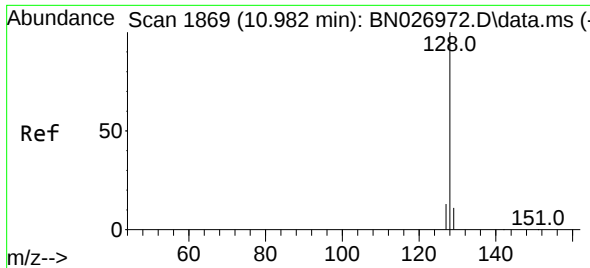
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
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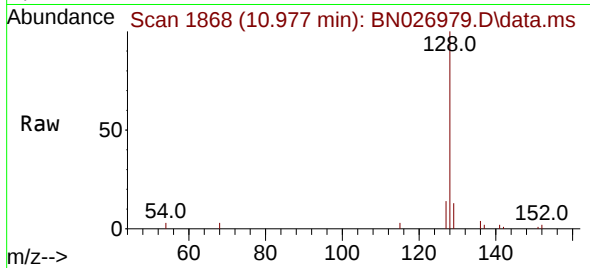
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023





#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

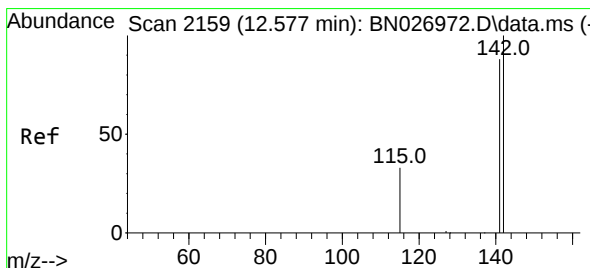
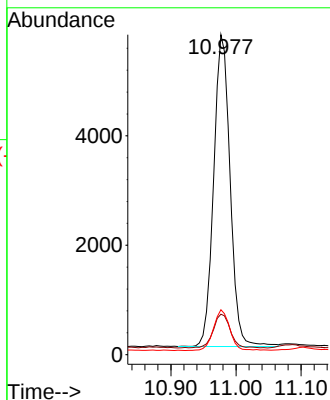
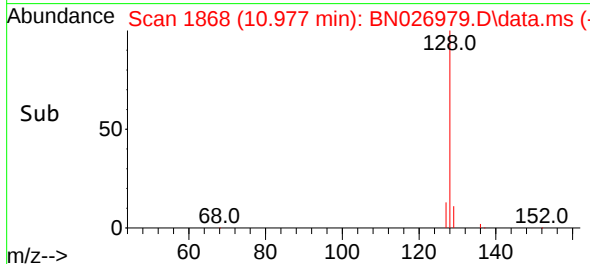
Instrument :
BNA_N
ClientSampleId :
A48L3DL



Tgt Ion:128 Resp: 998
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.1 10.5 15.7

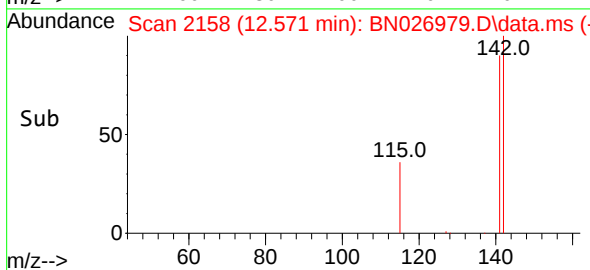
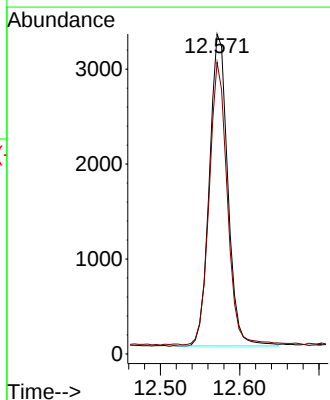
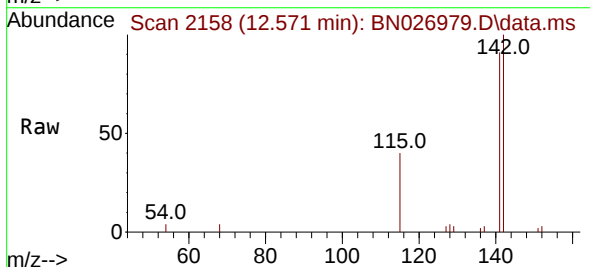
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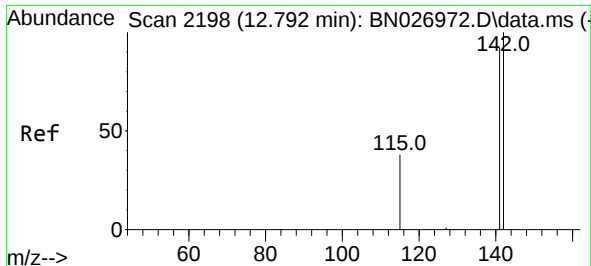
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.571 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

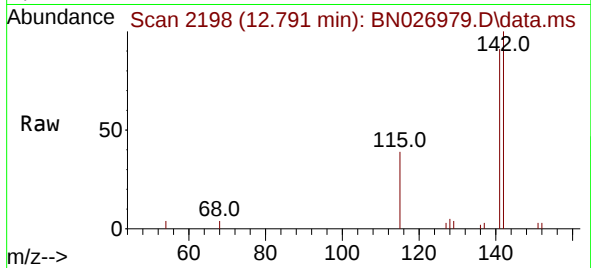
Tgt Ion:142 Resp: 5287
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

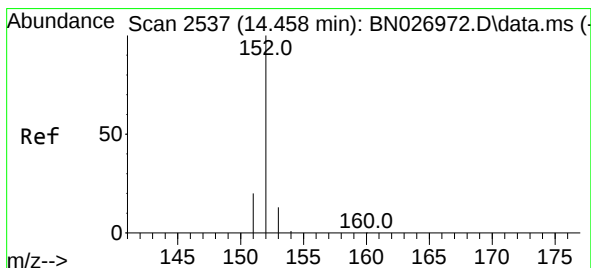
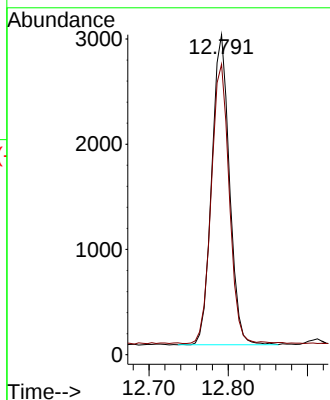
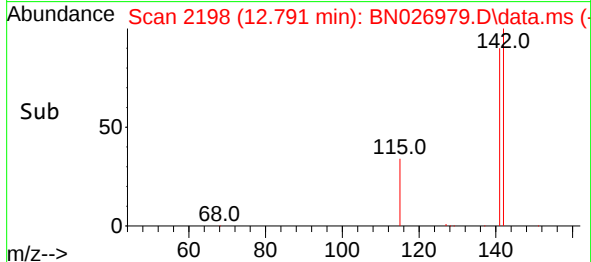
Instrument :
BNA_N
ClientSampleId :
A48L3DL



Tgt Ion:142 Resp: 457
Ion Ratio Lower Upper
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141 91.3 73.2 109.8

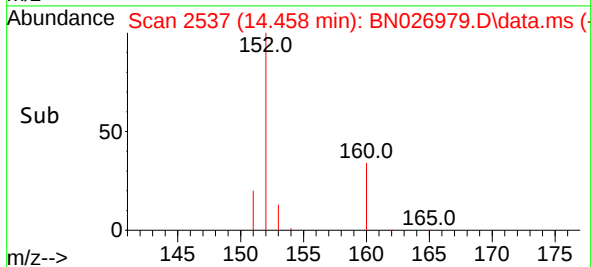
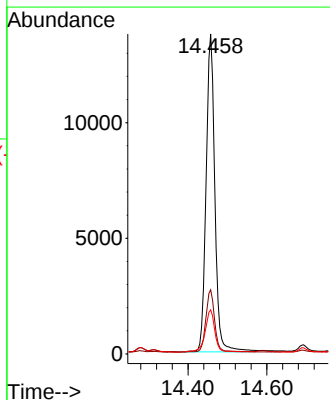
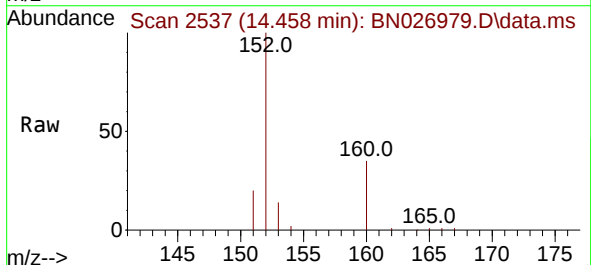
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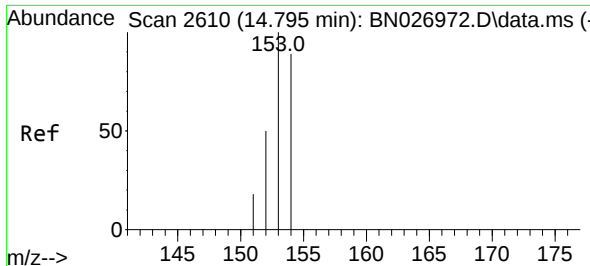
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.259 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

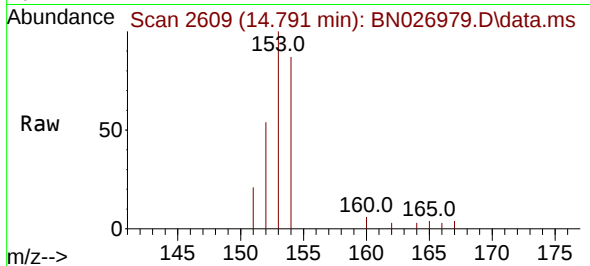
Tgt Ion:152 Resp: 21510
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 11.0 16.6





#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

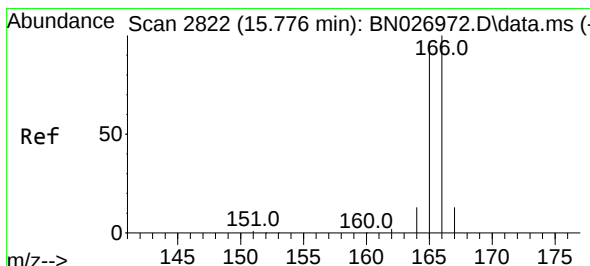
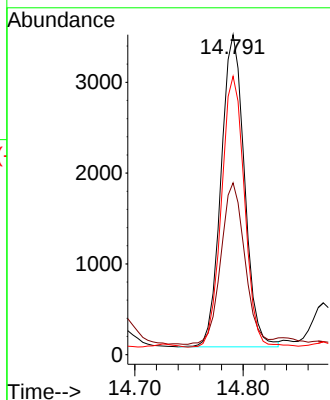
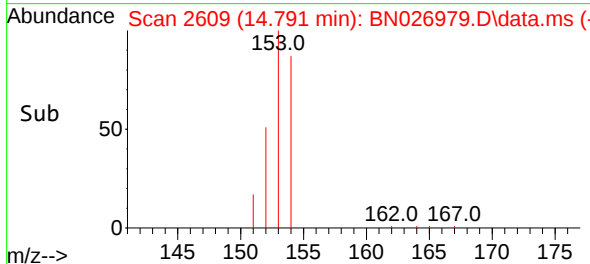
Instrument :
BNA_N
ClientSampleId :
A48L3DL



Tgt Ion:153 Resp: 5159
Ion Ratio Lower Upper
153 100
152 53.7 41.1 61.7
154 87.0 71.6 107.4

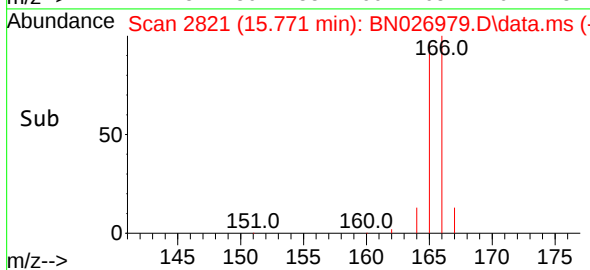
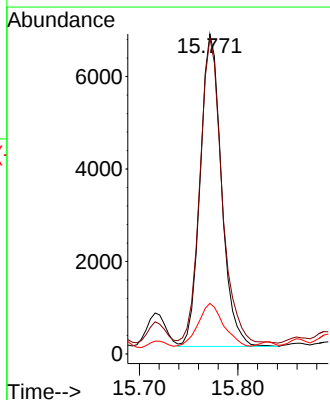
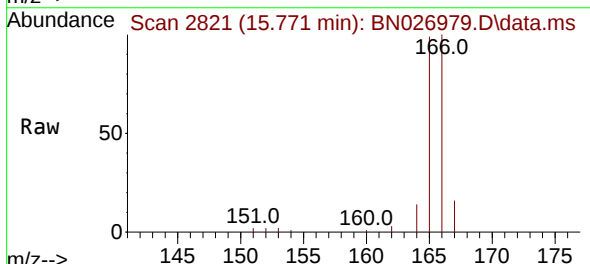
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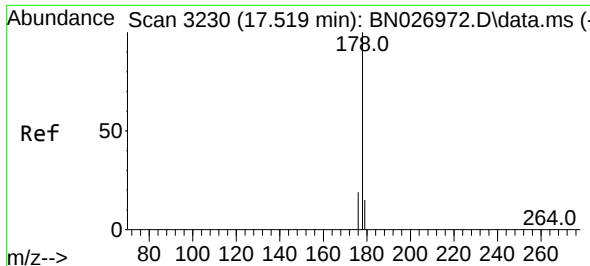
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
Fluorene
Concen: 0.155 ng/ul
RT: 15.771 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

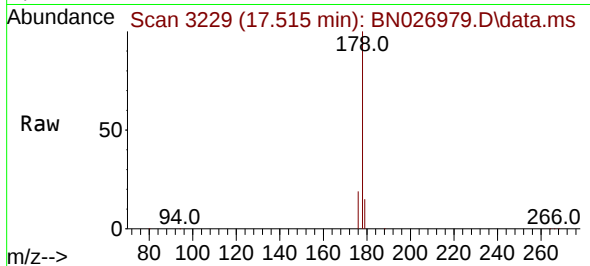
Tgt Ion:166 Resp: 10119
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 15.8 11.4 17.0





#15
Phenanthrene
Concen: 2.415 ng/u1
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

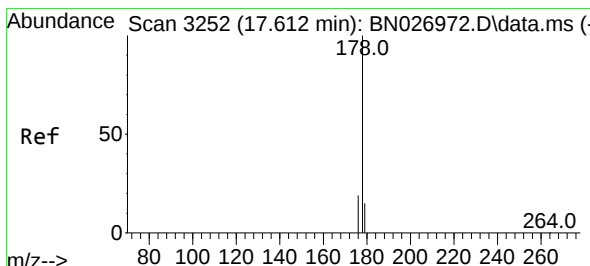
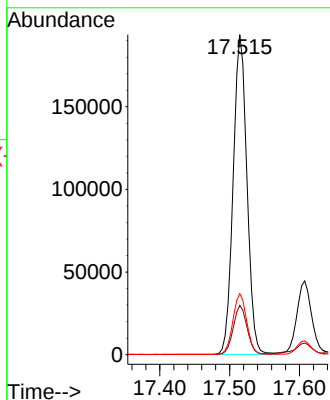
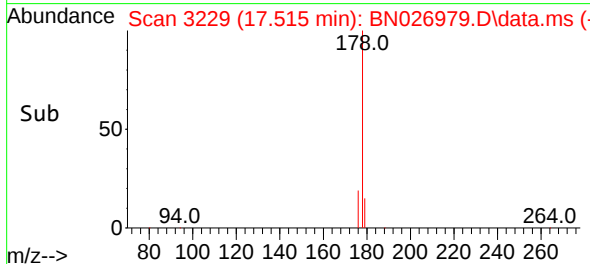
Instrument :
BNA_N
ClientSampleId :
A48L3DL



Tgt Ion:178 Resp: 265024
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.4 23.2

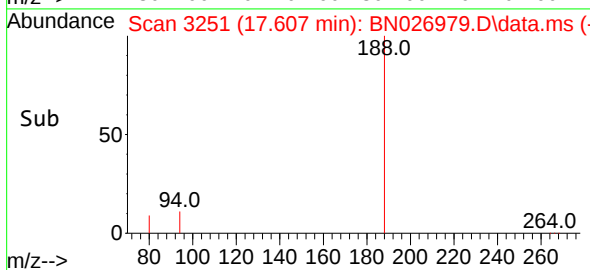
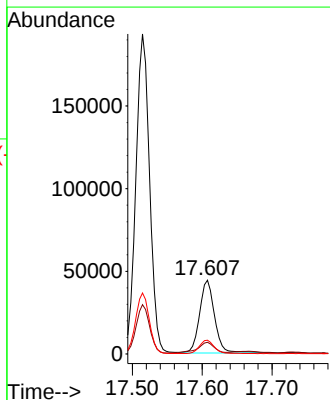
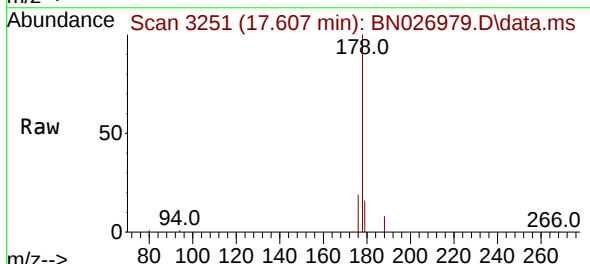
Manual Integrations
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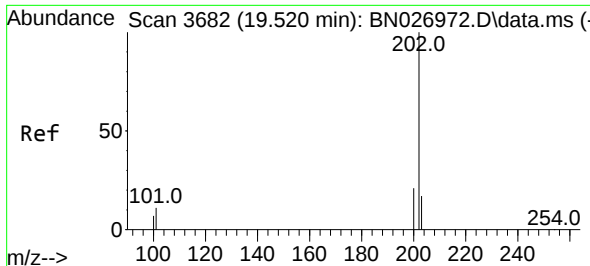
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#16
Anthracene
Concen: 0.662 ng/u1
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

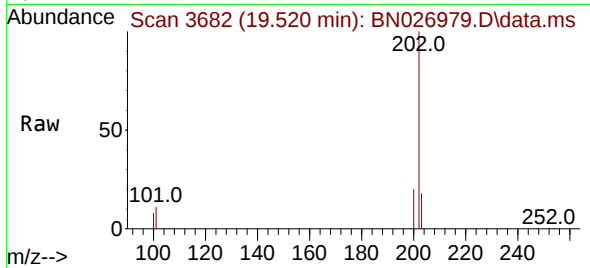
Tgt Ion:178 Resp: 65705
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 4.767 ng/ul
RT: 19.520 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

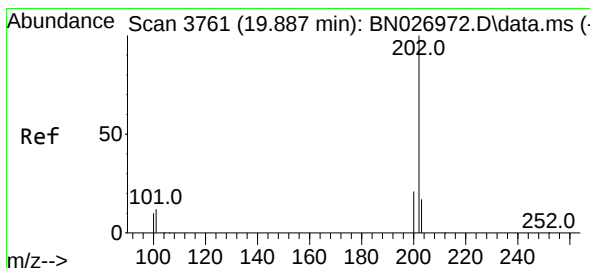
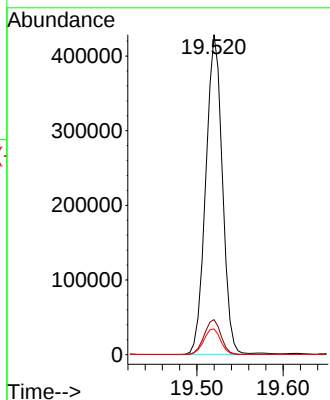
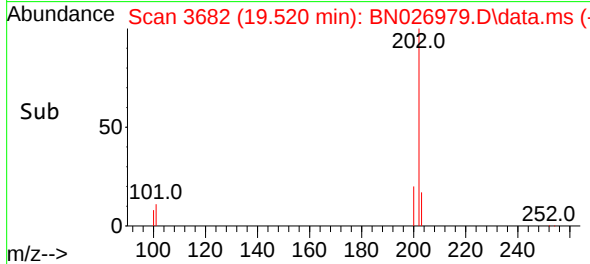
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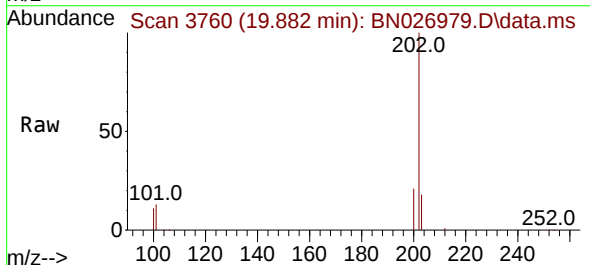
Tgt Ion:202 Resp: 57434
Ion Ratio Lower Upper
202 100
101 11.0 8.3 12.5
100 8.1 6.2 9.2

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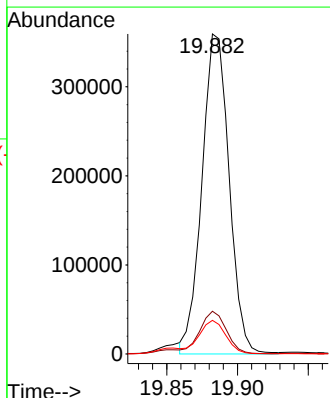
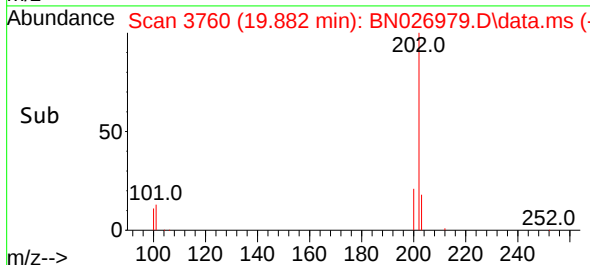
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

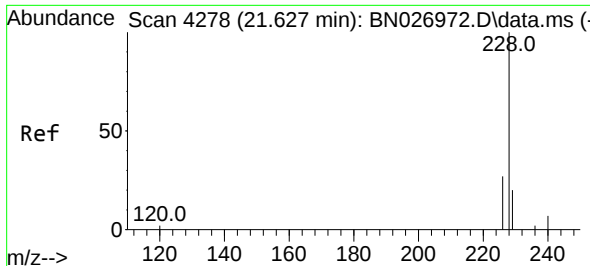


#20
Pyrene
Concen: 3.747 ng/ul m
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28



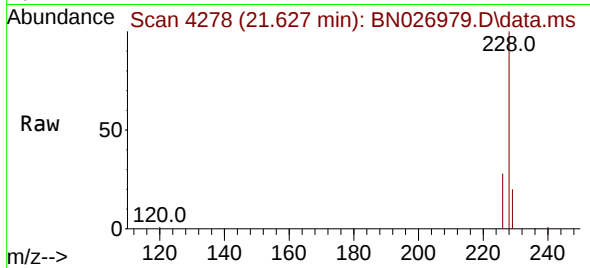
Tgt Ion:202 Resp: 481736
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 2.225 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

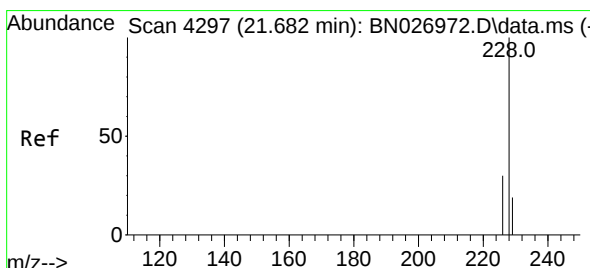
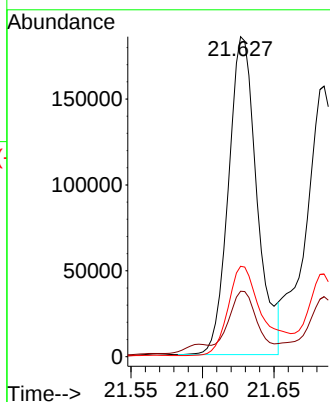
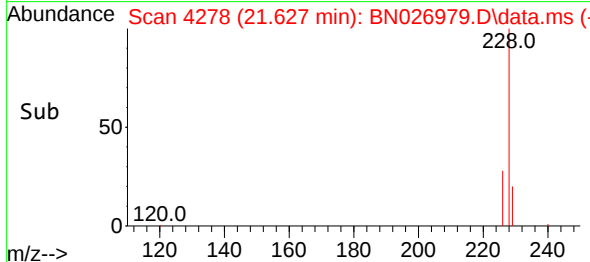
Instrument :
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ClientSampleId :
A48L3DL



Tgt Ion:228 Resp: 256729
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.2 22.2 33.2

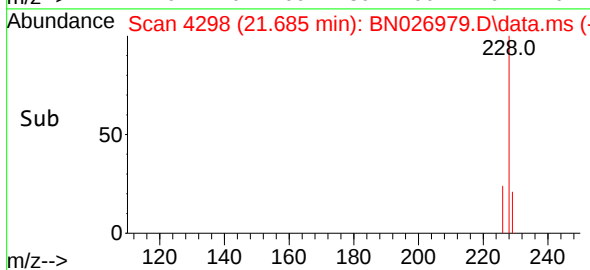
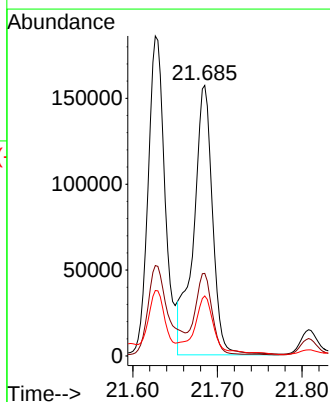
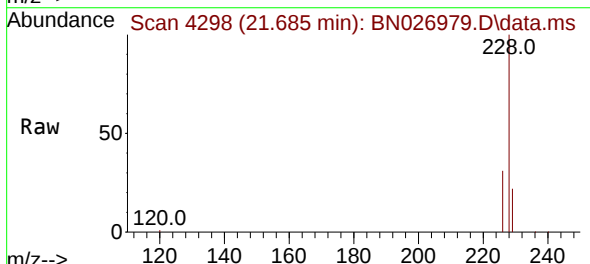
Manual Integrations
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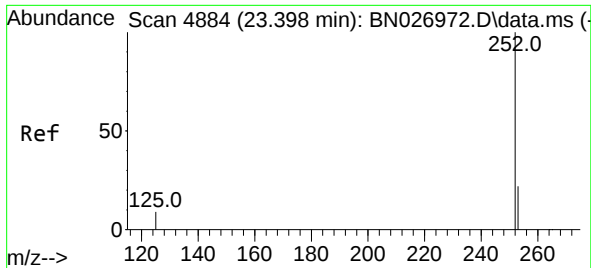
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#22
Chrysene
Concen: 2.150 ng/ul m
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

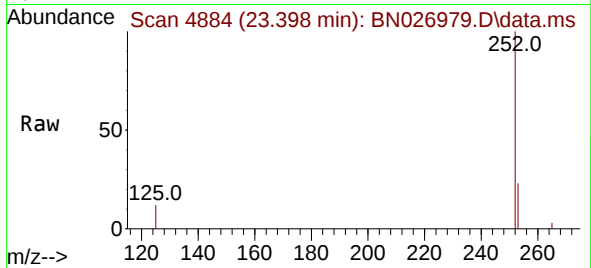
Tgt Ion:228 Resp: 244822
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.850 ng/ul m
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

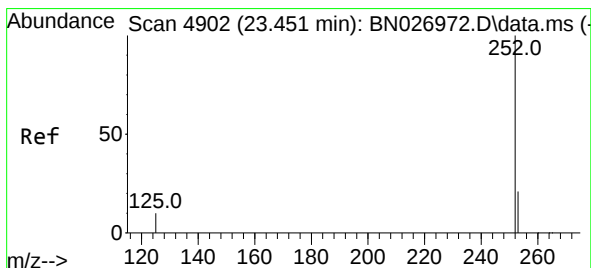
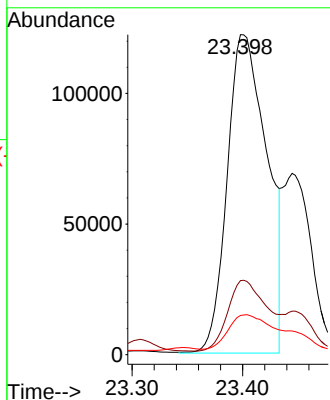
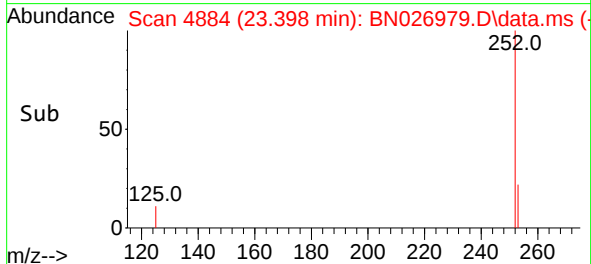
Instrument :
BNA_N
ClientSampleId :
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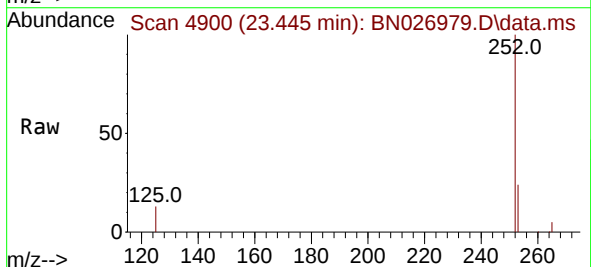
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Ion Ratio Lower Upper
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253 23.1 0.0 46.8
125 12.3 0.0 25.2

Manual Integrations
APPROVED

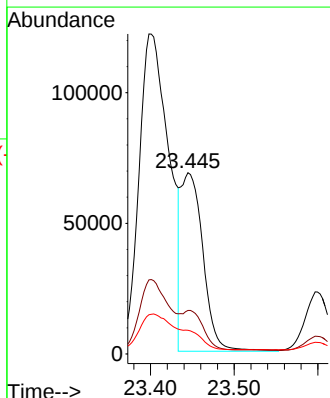
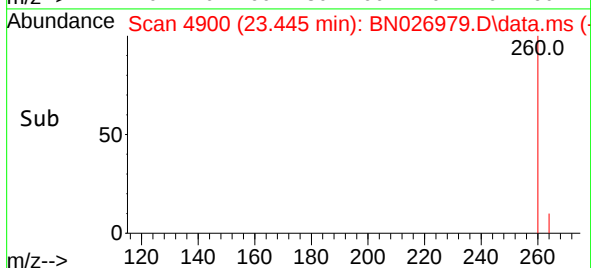
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

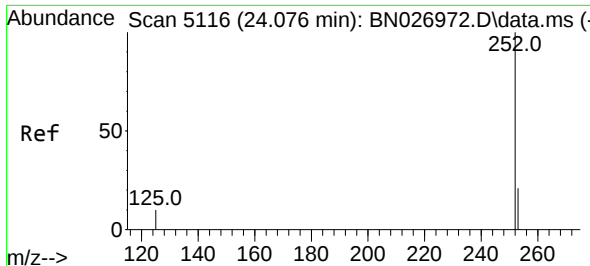


#25
Benzo(k)fluoranthene
Concen: 1.192 ng/ul m
RT: 23.445 min Scan# 4900
Delta R.T. -0.015 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28



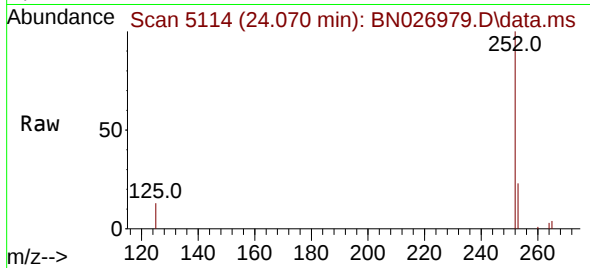
Tgt Ion:252 Resp: 125799
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.4
125 13.0 9.9 14.9





#26
Benzo(a)pyrene
Concen: 2.281 ng/ul
RT: 24.070 min Scan# 5116
Delta R.T. -0.015 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

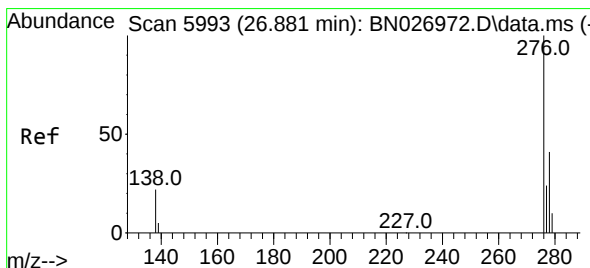
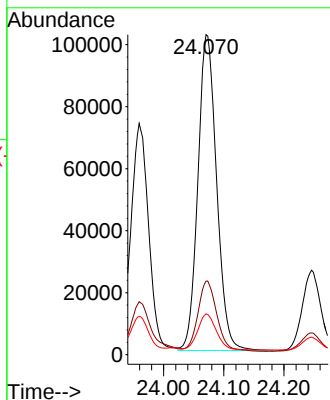
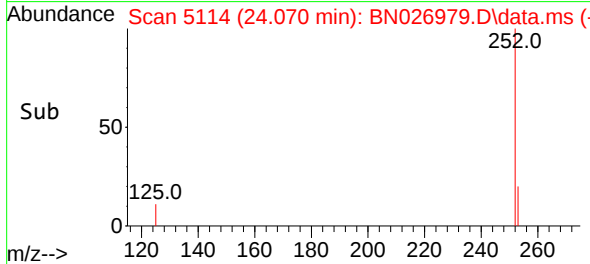
Instrument :
BNA_N
ClientSampleId :
A48L3DL



Tgt Ion:252 Resp: 220174
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.6
125 12.8 11.4 17.0

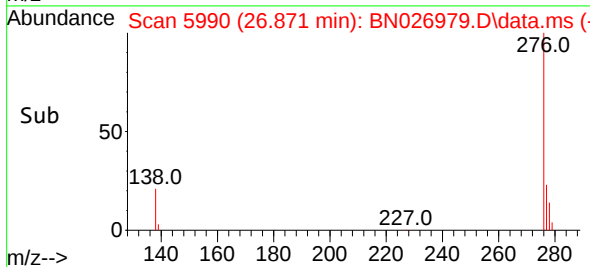
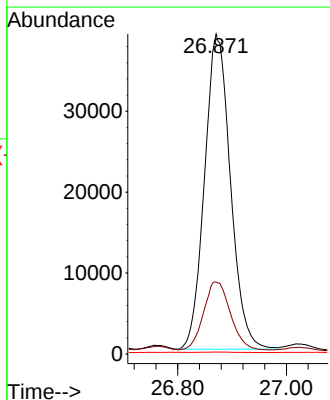
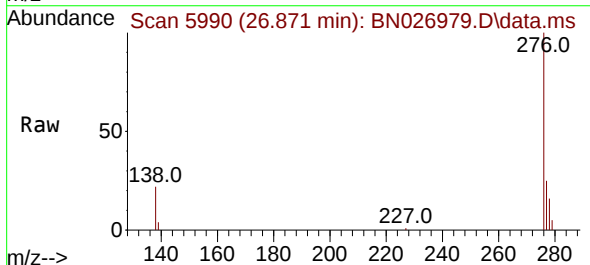
Manual Integrations
APPROVED

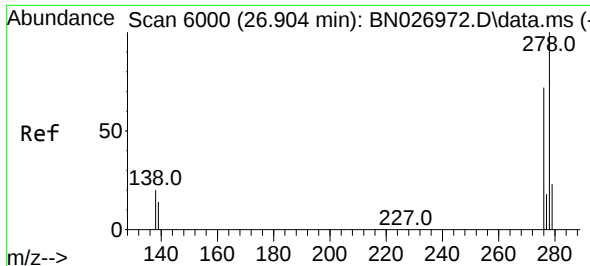
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.021 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. -0.014 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

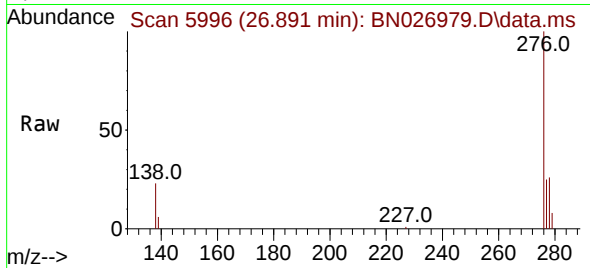
Tgt Ion:276 Resp: 128935
Ion Ratio Lower Upper
276 100
138 22.3 21.6 32.4
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.031 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28

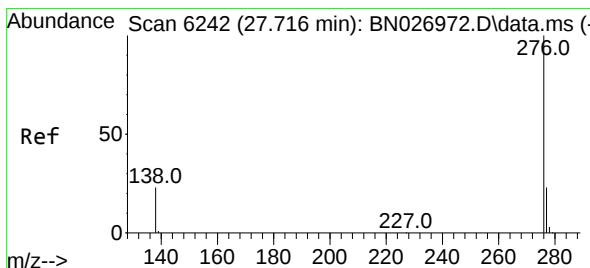
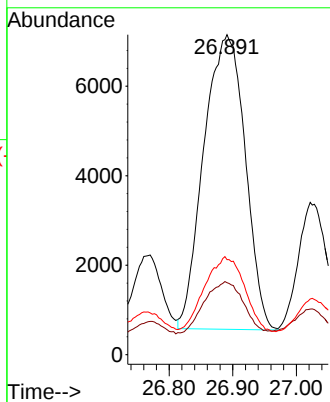
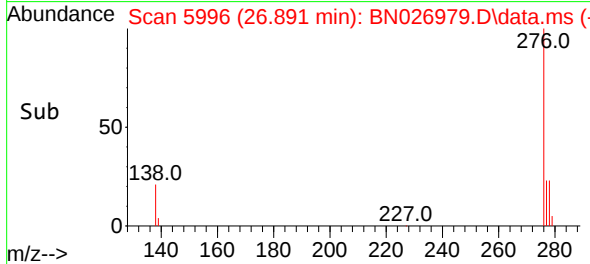
Instrument :
BNA_N
ClientSampleId :
A48L3DL



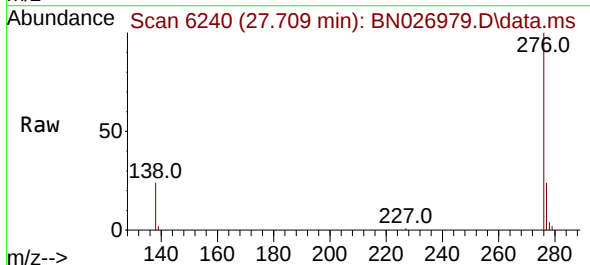
Tgt Ion: 278 Resp: 29700
Ion Ratio Lower Upper
278 100
139 22.5 15.7 23.5
279 29.7 20.2 30.4

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.024 ng/ul
RT: 27.709 min Scan# 6240
Delta R.T. -0.014 min
Lab File: BN026979.D
Acq: 19 Aug 2023 04:28



Tgt Ion: 276 Resp: 107671
Ion Ratio Lower Upper
276 100
138 24.0 19.3 28.9
277 24.3 19.8 29.8

