

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026954.D
 Acq On : 18 Aug 2023 11:14
 Operator : MA/JU
 Sample : 03970-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 13:20:28 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	8.105	152	4330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	12764	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	8098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	18214	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	16360	0.400	ng/ul	0.00
23) Perylene-d12	24.193	264	17004	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2439	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	5802	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15608	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	5401	1.029	ng/ul	96
5) Naphthalene	10.982	128	8736	0.242	ng/ul	98
7) 2-Methylnaphthalene	12.577	142	5951	0.272	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	6507	0.285	ng/ul	100
10) Acenaphthylene	14.458	152	9687	0.214	ng/ul	99
11) Acenaphthene	14.791	153	7461	0.238	ng/ul	98
12) Fluorene	15.776	166	8433	0.237	ng/ul	99
15) Phenanthrene	17.519	178	36914	0.617	ng/ul	100
16) Anthracene	17.612	178	14039	0.260	ng/ul	99
19) Fluoranthene	19.520	202	79000	1.163	ng/ul	97
20) Pyrene	19.887	202	71497	0.986	ng/ul	98
21) Benzo(a)anthracene	21.630	228	42931	0.660	ng/ul	99
22) Chrysene	21.688	228	44399	0.691	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	62027	0.964	ng/ul	98
25) Benzo(k)fluoranthene	23.454	252	32206	0.508	ng/ul#	94
26) Benzo(a)pyrene	24.079	252	40145	0.692	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.881	276	40234	0.530	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.911	278	20323m	0.336	ng/ul	
29) Benzo(g,h,i)perylene	27.716	276	38052	0.602	ng/ul	99

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

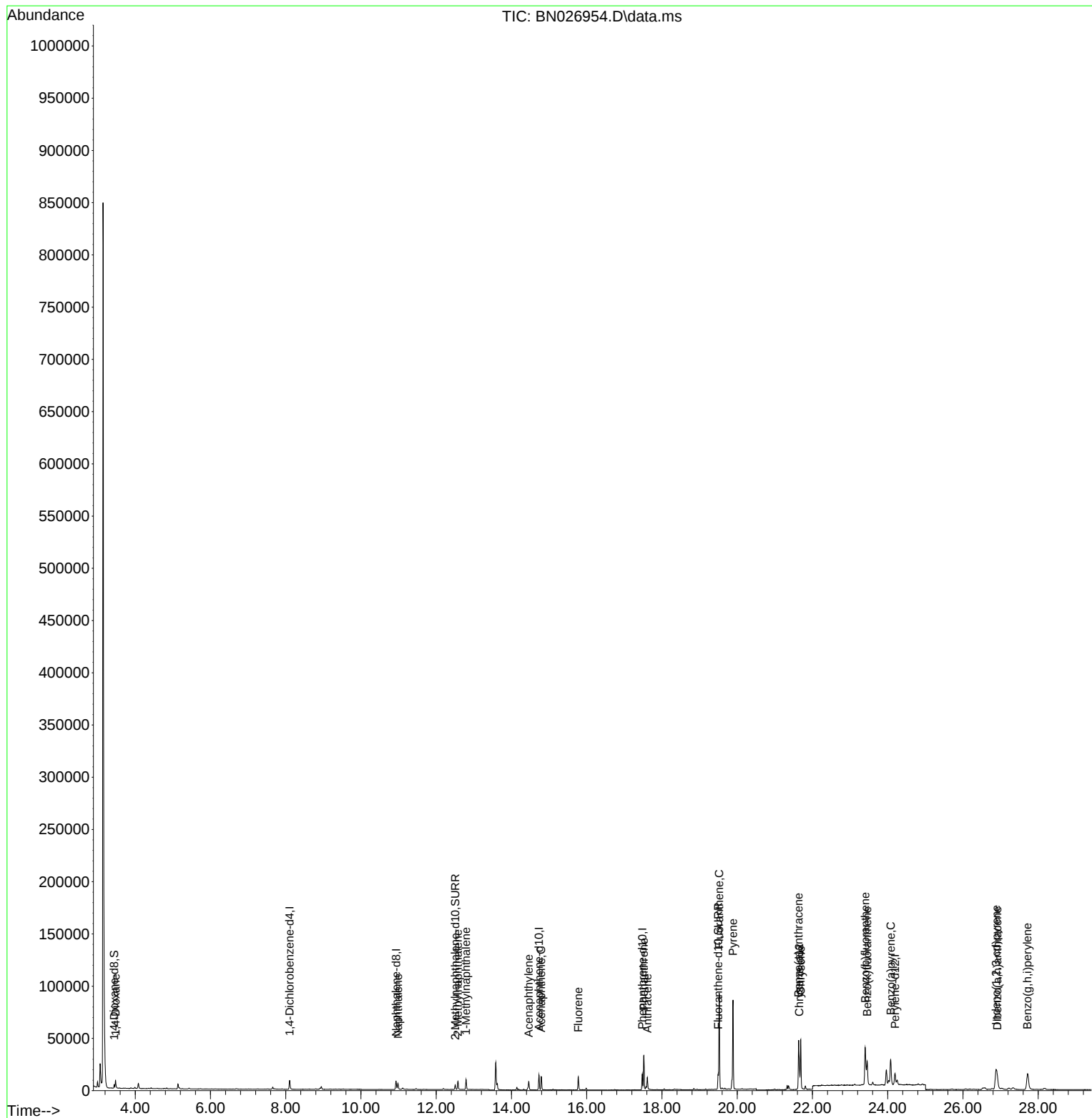
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026954.D
Acq On : 18 Aug 2023 11:14
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ALS Vial : 5 Sample Multiplier: 1

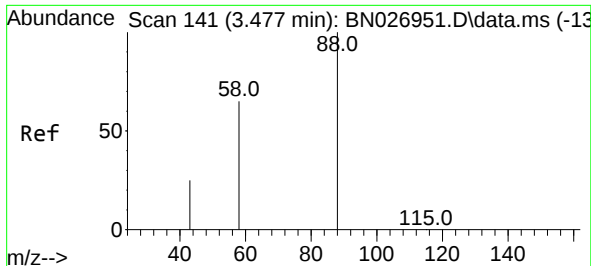
Instrument :
BNA_N
ClientSampleId :
A48H5MS

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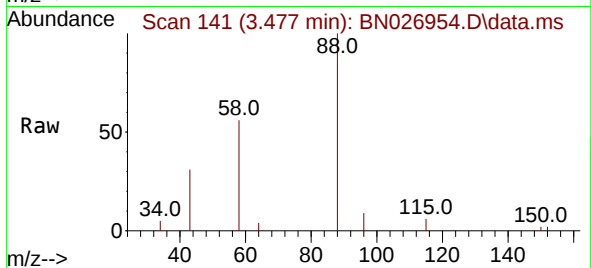
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.029 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

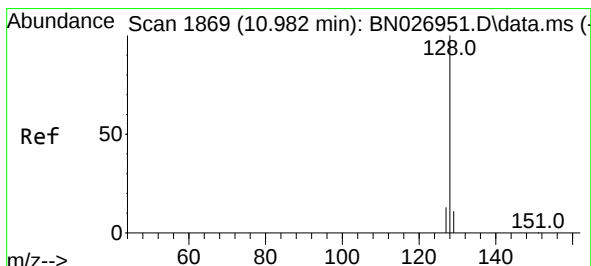
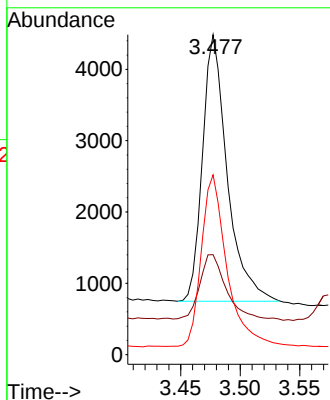
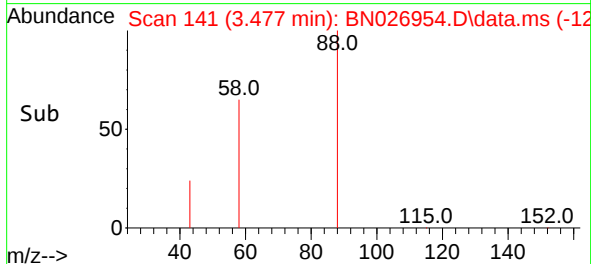
Instrument :
BNA_N
ClientSampleId :
A48H5MS



Tgt Ion: 88 Resp: 540
Ion Ratio Lower Upper
88 100
43 31.2 28.0 42.0
58 56.2 46.0 69.0

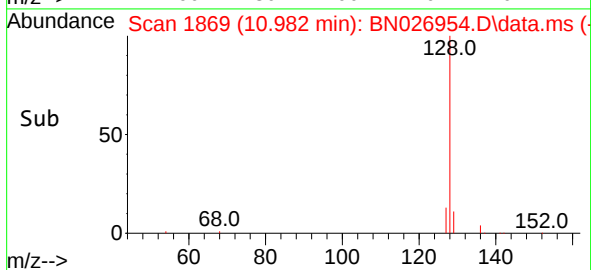
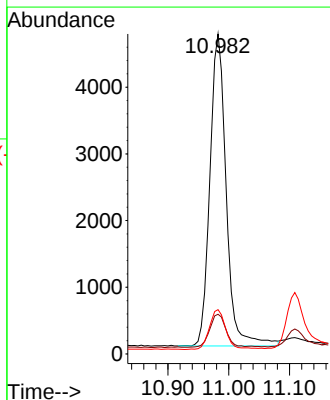
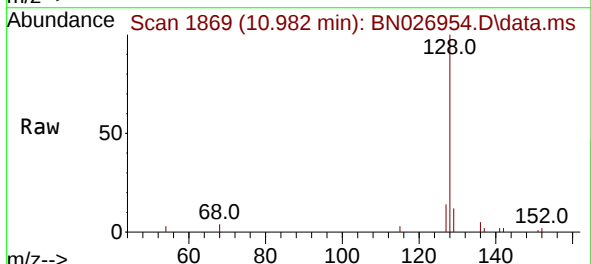
Manual Integrations
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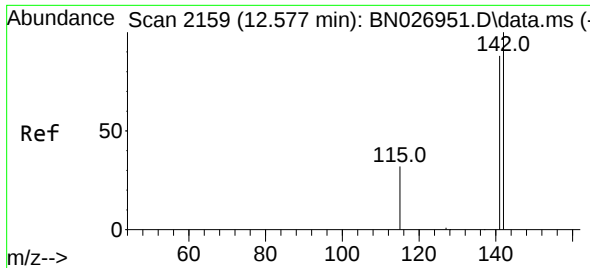
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#5
Naphthalene
Concen: 0.242 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

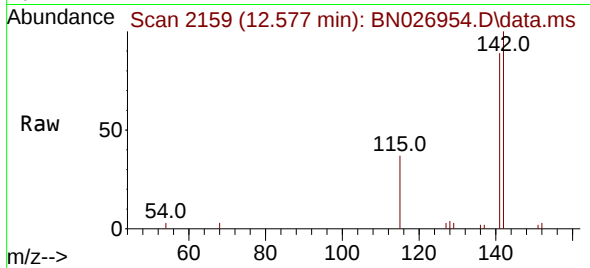
Tgt Ion:128 Resp: 8736
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.8 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

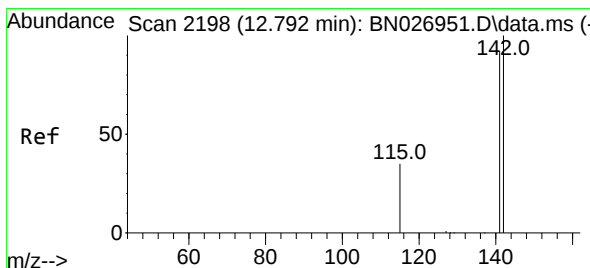
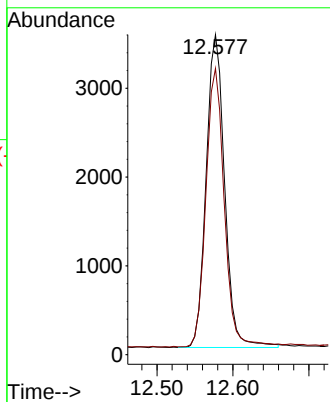
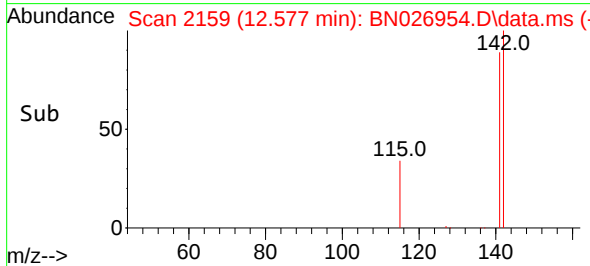
Instrument :
BNA_N
ClientSampleId :
A48H5MS



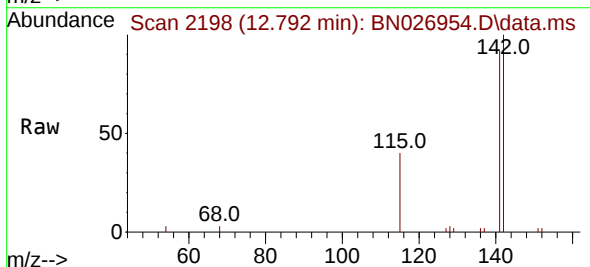
Tgt Ion:142 Resp: 595
Ion Ratio Lower Upper
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141 88.4 70.9 106.3

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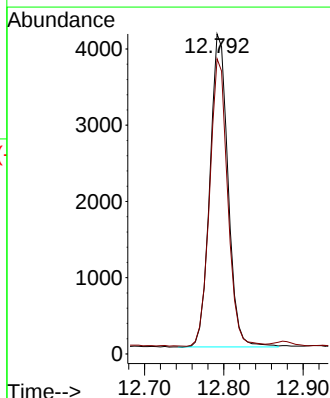
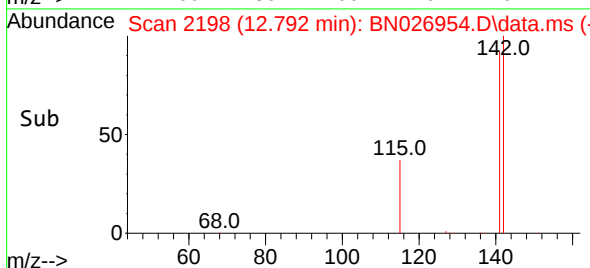
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023

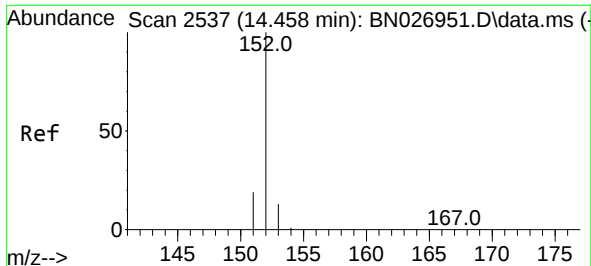


#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14



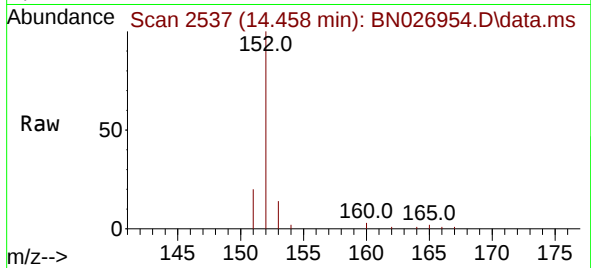
Tgt Ion:142 Resp: 6507
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8





#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.458 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

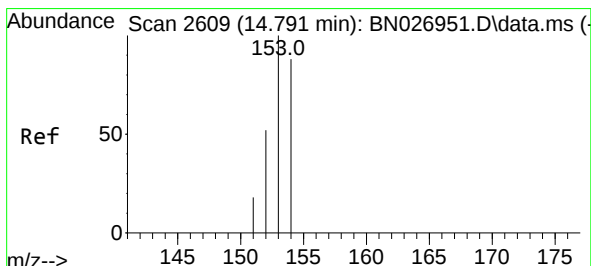
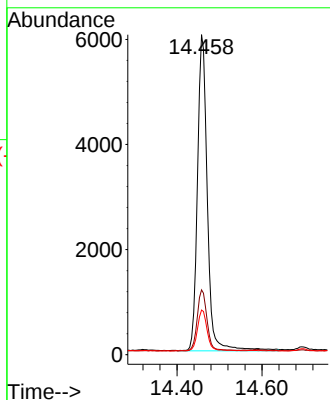
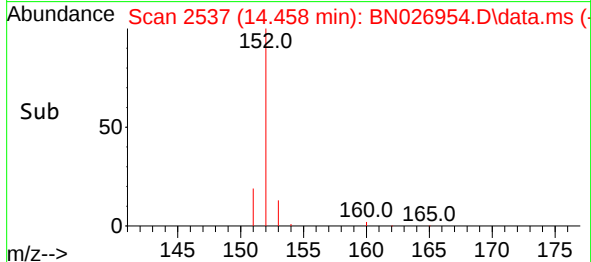
Instrument :
BNA_N
ClientSampleId :
A48H5MS



Tgt Ion:152 Resp: 968
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.9 11.0 16.6

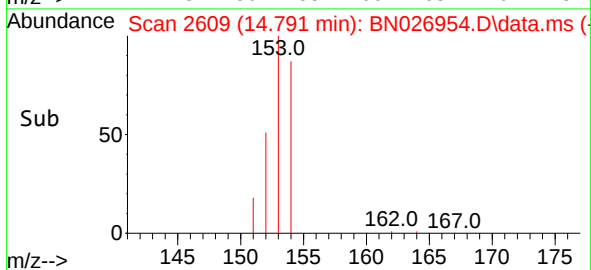
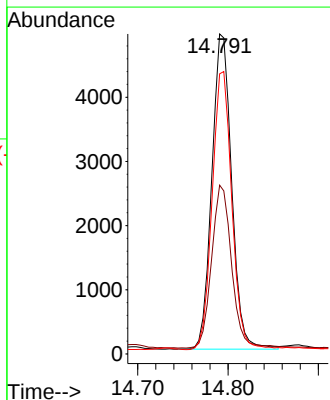
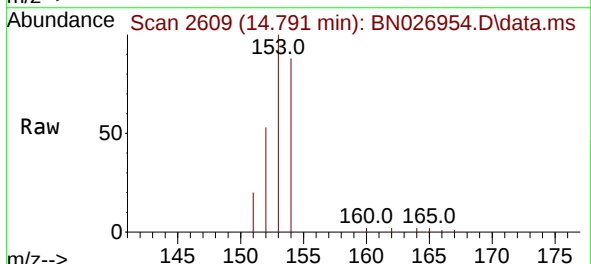
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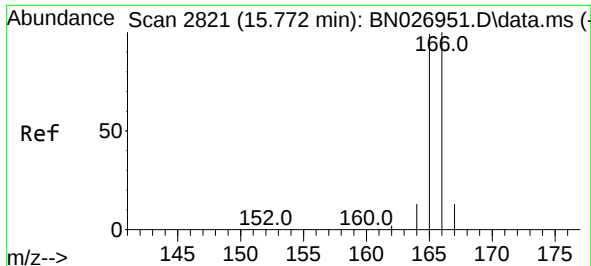
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#11
Acenaphthene
Concen: 0.238 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

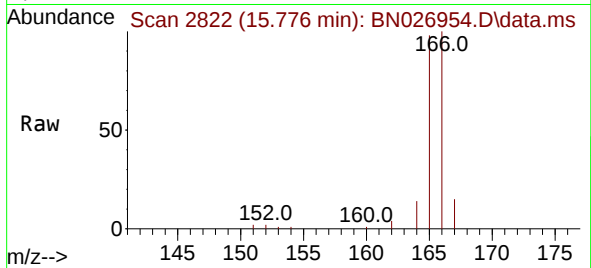
Tgt Ion:153 Resp: 7461
Ion Ratio Lower Upper
153 100
152 52.7 41.1 61.7
154 87.6 71.6 107.4





#12
Fluorene
Concen: 0.237 ng/ul
RT: 15.776 min Scan# 2821
Delta R.T. 0.005 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

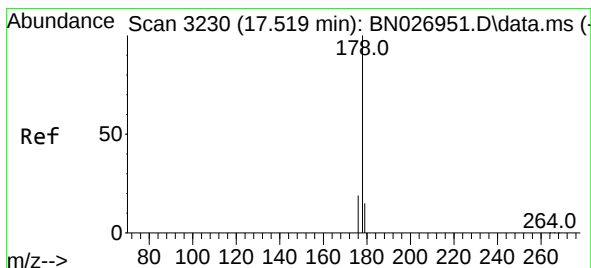
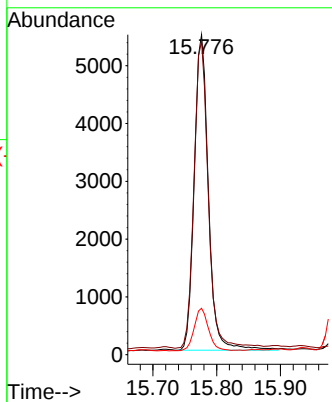
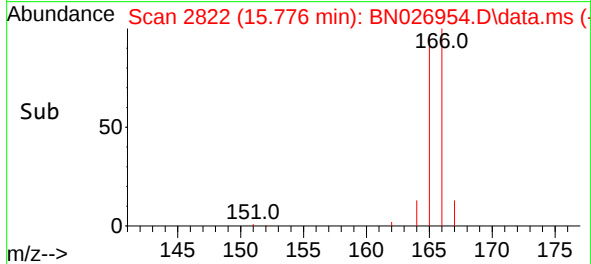
Instrument :
BNA_N
ClientSampleId :
A48H5MS



Tgt Ion:166 Resp: 843
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 14.5 11.4 17.0

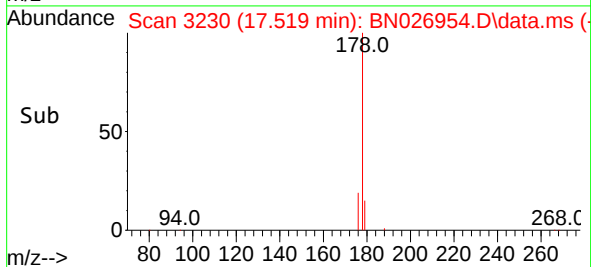
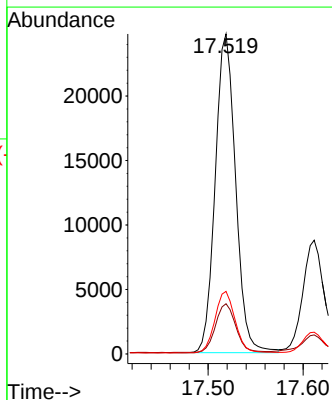
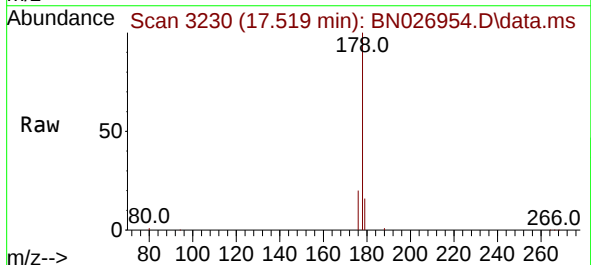
Manual Integrations
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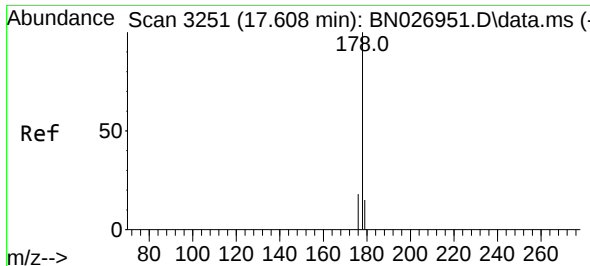
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#15
Phenanthrene
Concen: 0.617 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

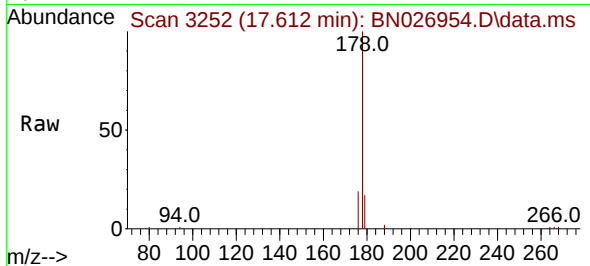
Tgt Ion:178 Resp: 36914
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.2





#16
 Anthracene
 Concen: 0.260 ng/ul
 RT: 17.612 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN026954.D
 Acq: 18 Aug 2023 11:14

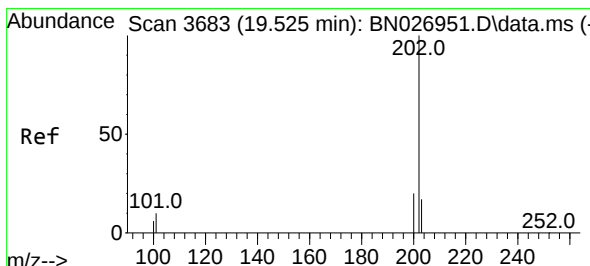
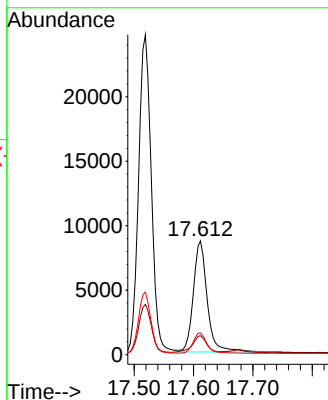
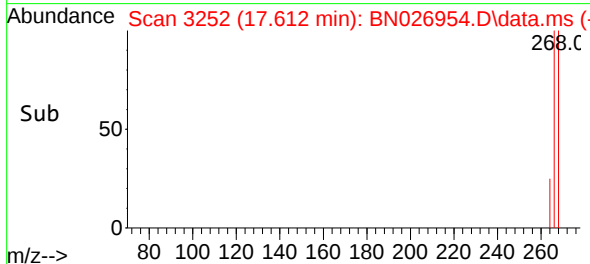
Instrument :
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 A48H5MS



Tgt Ion:178 Resp: 14039
 Ion Ratio Lower Upper
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 179 16.7 12.6 19.0
 176 19.1 15.0 22.6

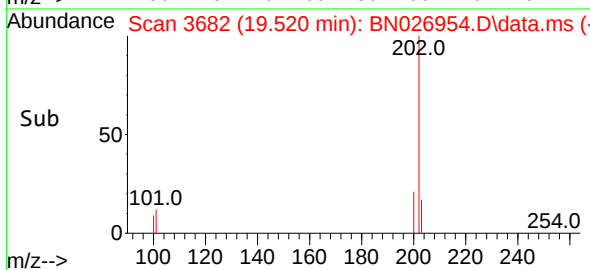
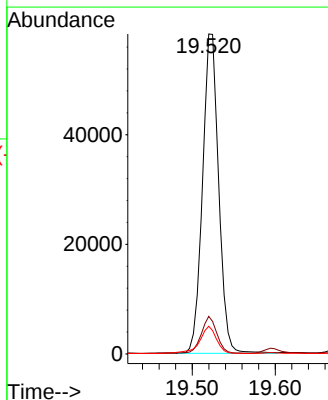
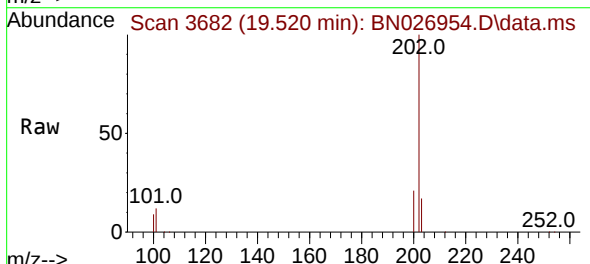
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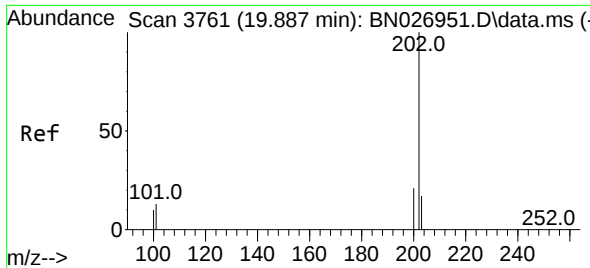
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/21/2023



#19
 Fluoranthene
 Concen: 1.163 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026954.D
 Acq: 18 Aug 2023 11:14

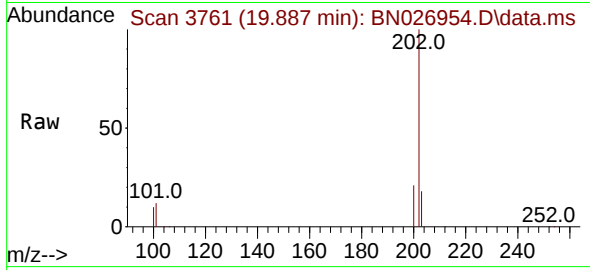
Tgt Ion:202 Resp: 79000
 Ion Ratio Lower Upper
 202 100
 101 11.8 8.3 12.5
 100 8.7 6.2 9.2





#20
Pyrene
Concen: 0.986 ng/u1
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

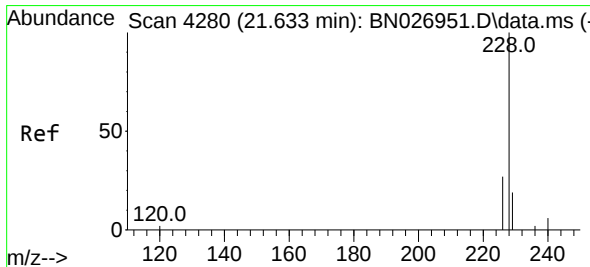
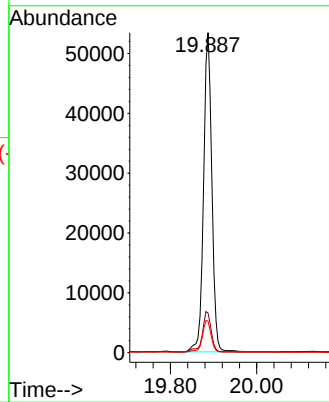
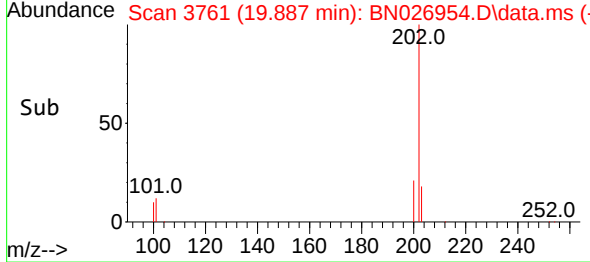
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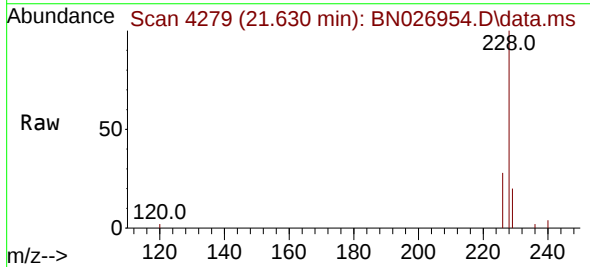
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Ion Ratio Lower Upper
202 100
101 12.4 10.7 16.1
100 9.8 8.5 12.7

Manual Integrations
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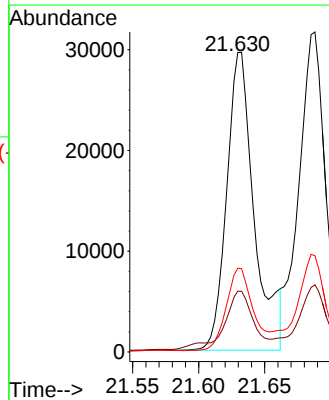
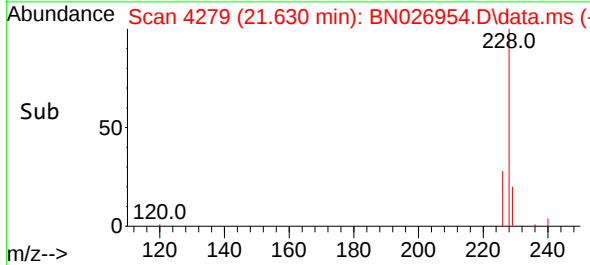
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023

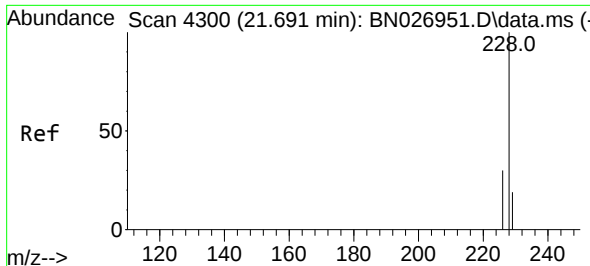


#21
Benzo(a)anthracene
Concen: 0.660 ng/u1
RT: 21.630 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14



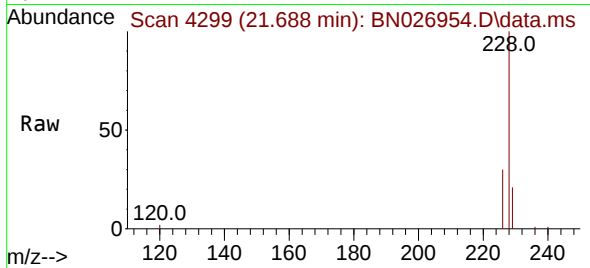
Tgt Ion:228 Resp: 42931
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.0 22.2 33.2





#22
Chrysene
Concen: 0.691 ng/u1
RT: 21.688 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

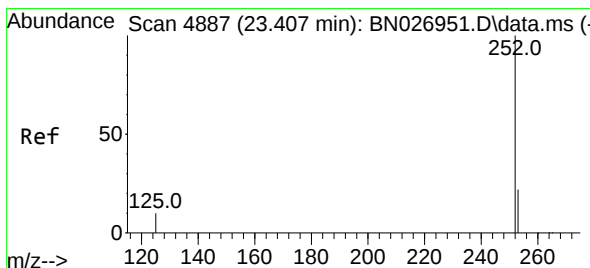
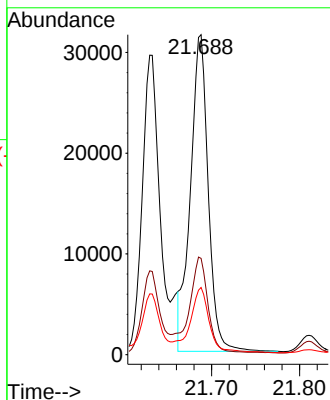
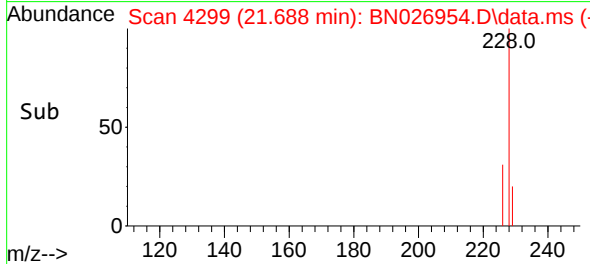
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 44399
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 21.0 15.8 23.6

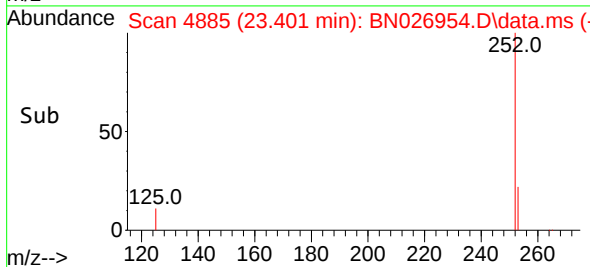
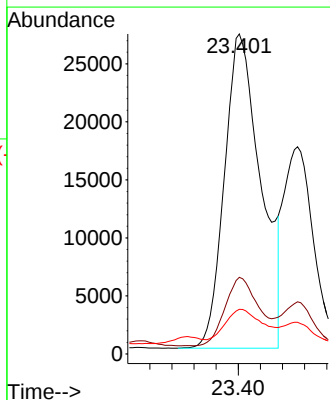
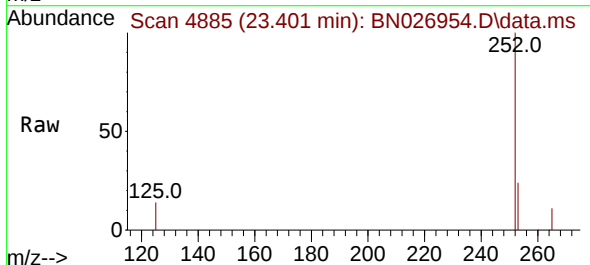
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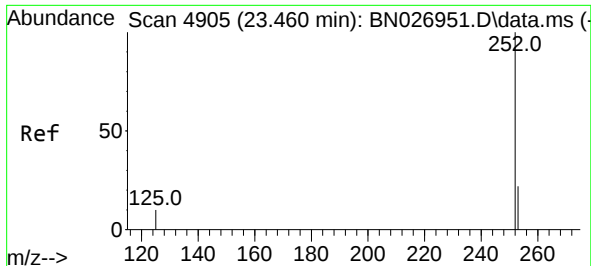
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#24
Benzo(b)fluoranthene
Concen: 0.964 ng/u1
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

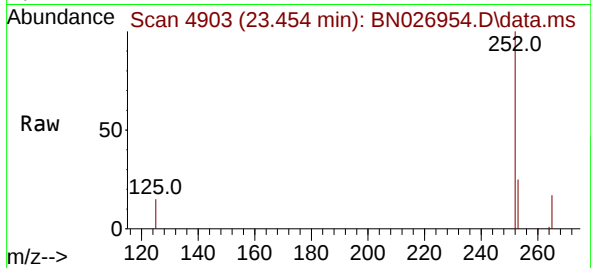
Tgt Ion:252 Resp: 62027
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.8
125 14.0 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.508 ng/ul
RT: 23.454 min Scan# 4905
Delta R.T. -0.006 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

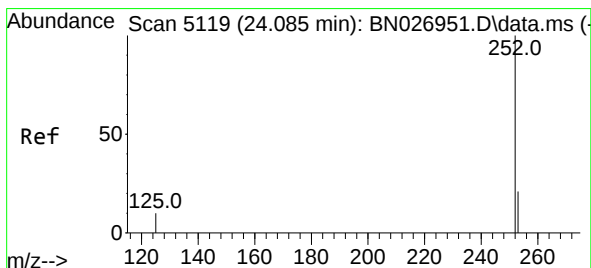
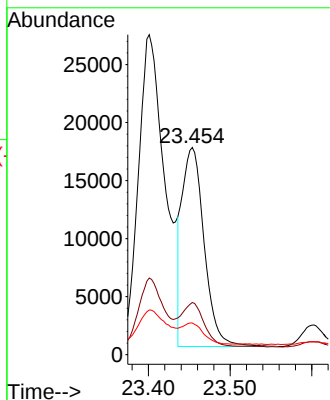
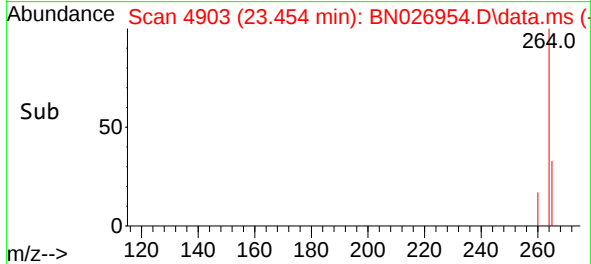
Instrument :
BNA_N
ClientSampleId :
A48H5MS



Tgt Ion:252 Resp: 32200
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.4
125 15.3 9.9 14.9

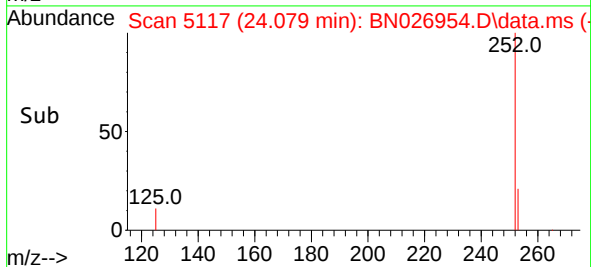
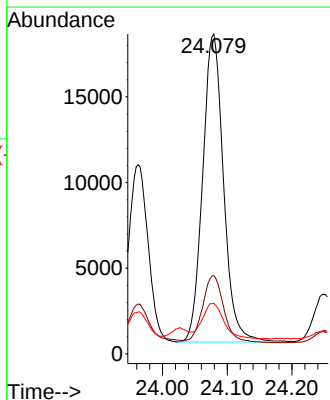
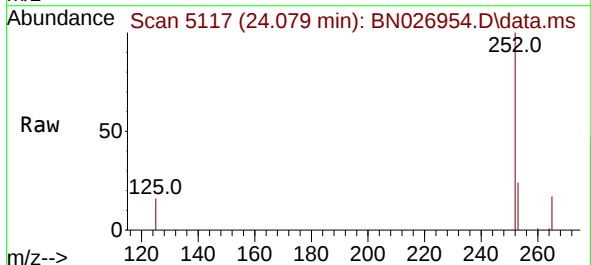
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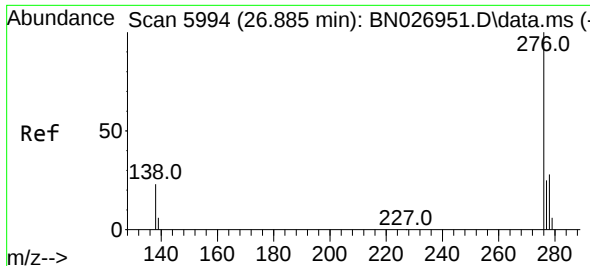
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#26
Benzo(a)pyrene
Concen: 0.692 ng/ul
RT: 24.079 min Scan# 5117
Delta R.T. -0.006 min
Lab File: BN026954.D
Acq: 18 Aug 2023 11:14

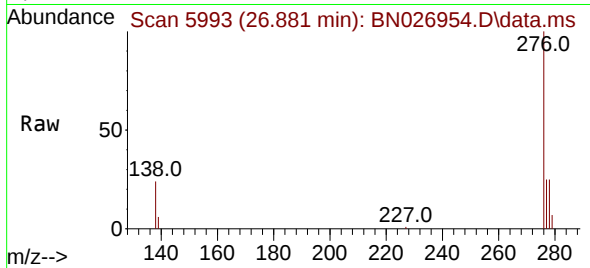
Tgt Ion:252 Resp: 40145
Ion Ratio Lower Upper
252 100
253 24.5 19.0 28.6
125 15.8 11.4 17.0





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.530 ng/ul
 RT: 26.881 min Scan# 5993
 Delta R.T. -0.004 min
 Lab File: BN026954.D
 Acq: 18 Aug 2023 11:14

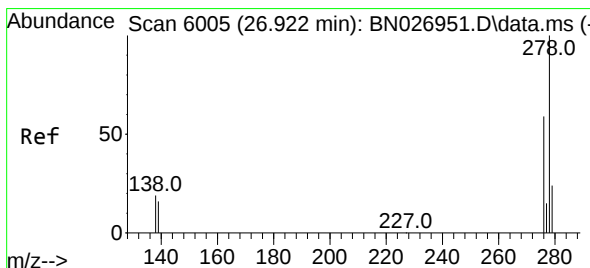
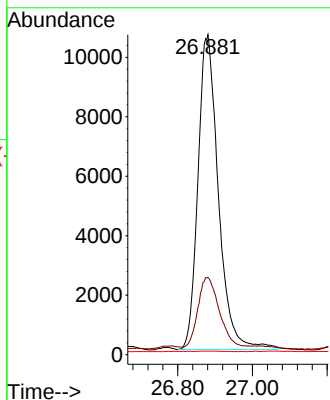
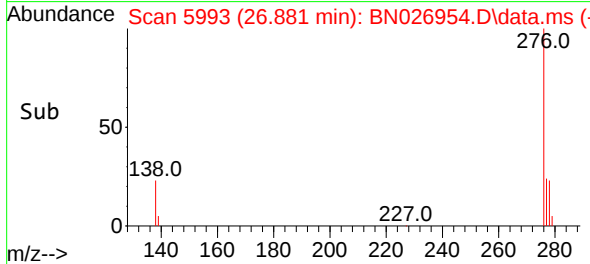
Instrument :
 BNA_N
 ClientSampleId :
 A48H5MS



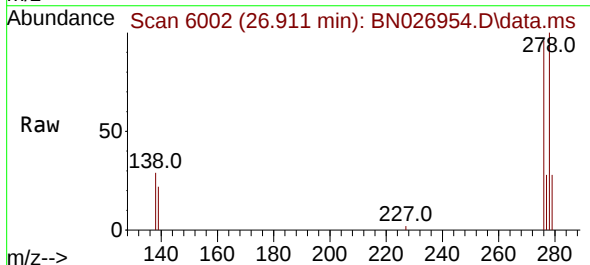
Tgt Ion: 276 Resp: 40234
 Ion Ratio Lower Upper
 276 100
 138 24.3 21.6 32.4
 227 0.0 0.0 0.0

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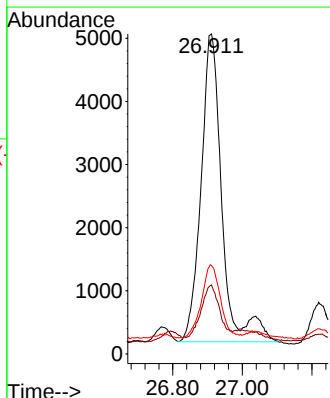
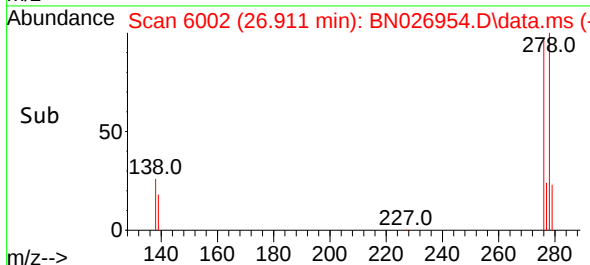
Reviewed By : Yogesh Patel 08/18/2023
 Supervised By : mohammad ahmed 08/21/2023

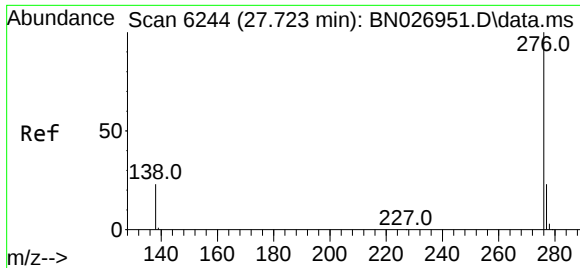


#28
 Dibenzo(a,h)anthracene
 Concen: 0.336 ng/ul m
 RT: 26.911 min Scan# 6002
 Delta R.T. -0.011 min
 Lab File: BN026954.D
 Acq: 18 Aug 2023 11:14



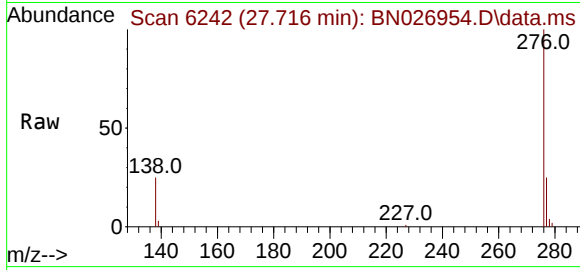
Tgt Ion: 278 Resp: 20323
 Ion Ratio Lower Upper
 278 100
 139 21.5 15.7 23.5
 279 27.6 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.602 ng/ul
 RT: 27.716 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN026954.D
 Acq: 18 Aug 2023 11:14

Instrument :
 BNA_N
 ClientSampleId :
 A48H5MS



Tgt Ion:276 Resp: 3805
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.3 28.9
 277 24.8 19.8 29.8

Manual Integrations
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Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/21/2023

