

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026955.D
 Acq On : 18 Aug 2023 11:51
 Operator : MA/JU
 Sample : 03970-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H5MSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 13:27:19 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	4454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	12970	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	8263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	18653	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	16622	0.400	ng/ul	0.00
23) Perylene-d12	24.196	264	17521	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2383	0.451	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	5938	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	15881	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	5564	1.031	ng/ul	96
5) Naphthalene	10.982	128	8939	0.244	ng/ul	97
7) 2-Methylnaphthalene	12.577	142	6109	0.275	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	6695	0.288	ng/ul	99
10) Acenaphthylene	14.458	152	9819	0.212	ng/ul	99
11) Acenaphthene	14.791	153	7651	0.239	ng/ul	98
12) Fluorene	15.776	166	8667	0.239	ng/ul	98
15) Phenanthrene	17.519	178	38054	0.621	ng/ul	100
16) Anthracene	17.607	178	14275	0.258	ng/ul	98
19) Fluoranthene	19.524	202	80775	1.170	ng/ul	100
20) Pyrene	19.887	202	73310	0.995	ng/ul	99
21) Benzo(a)anthracene	21.632	228	44396	0.672	ng/ul	100
22) Chrysene	21.691	228	44744	0.686	ng/ul	98
24) Benzo(b)fluoranthene	23.407	252	64054	0.967	ng/ul	98
25) Benzo(k)fluoranthene	23.456	252	32142	0.492	ng/ul#	94
26) Benzo(a)pyrene	24.082	252	41488	0.694	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.887	276	41316	0.528	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.911	278	21073m	0.338	ng/ul	
29) Benzo(g,h,i)perylene	27.722	276	38988	0.599	ng/ul	99

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

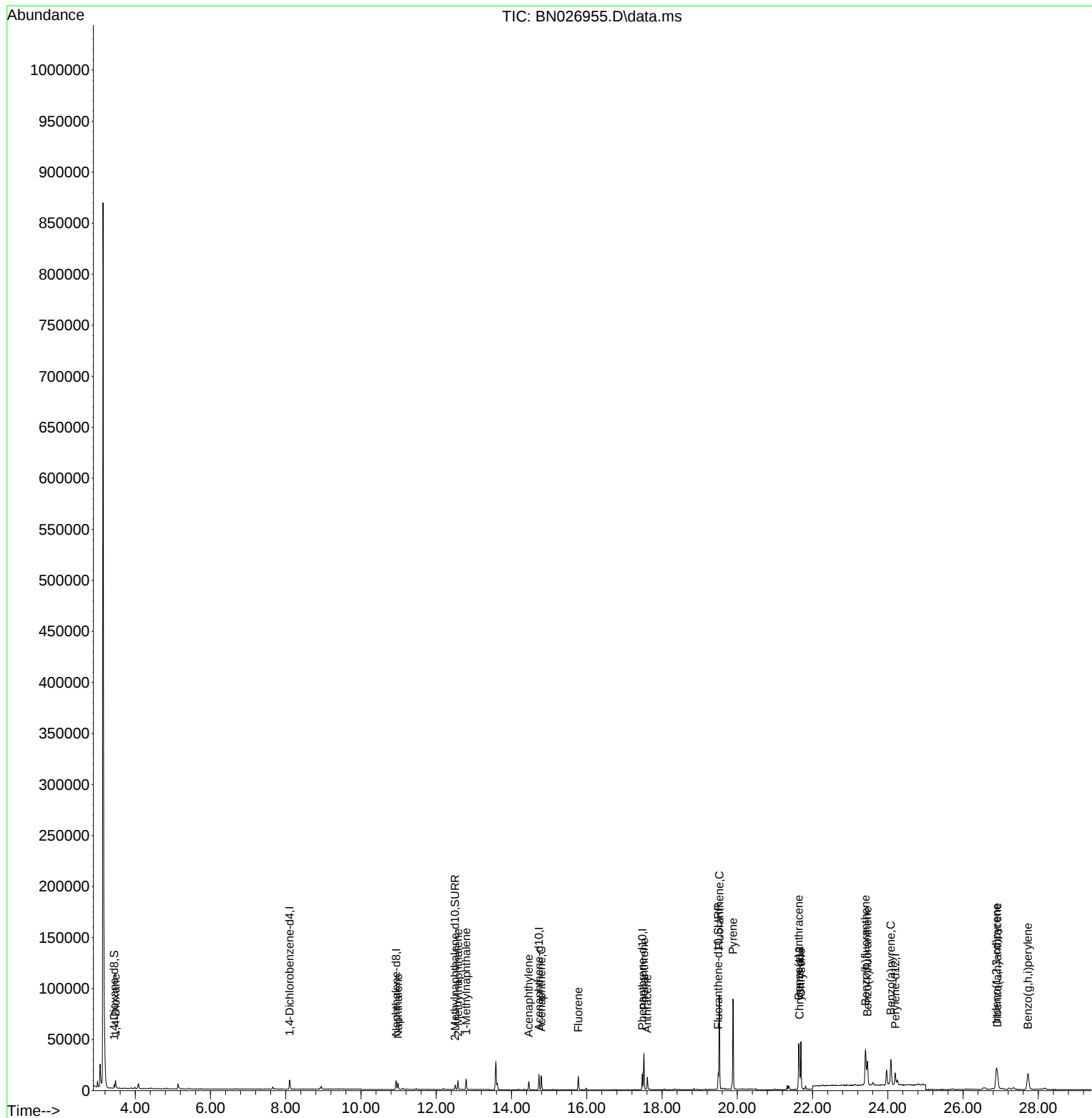
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026955.D
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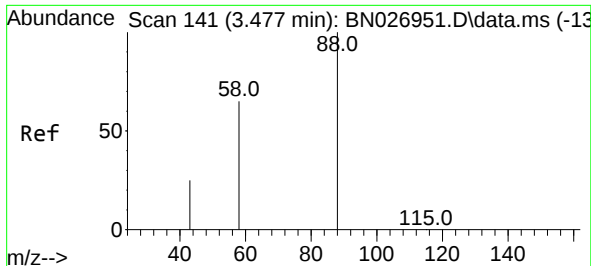
Instrument :
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A48H5MSD

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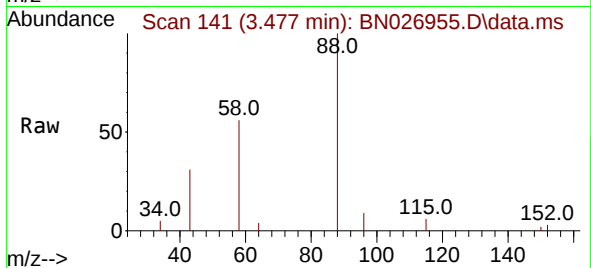
Quant Time: Aug 18 13:27:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.031 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

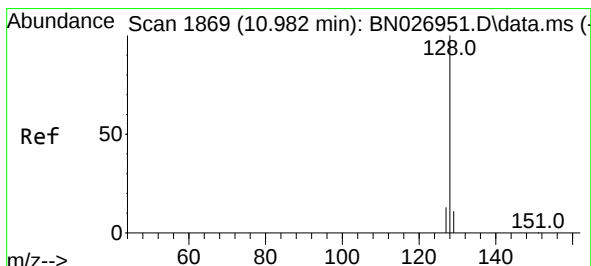
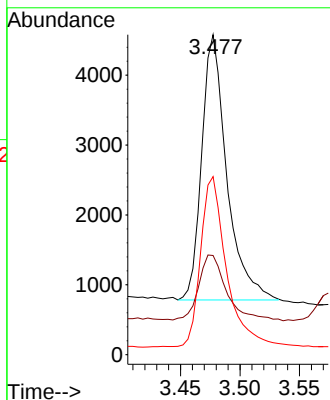
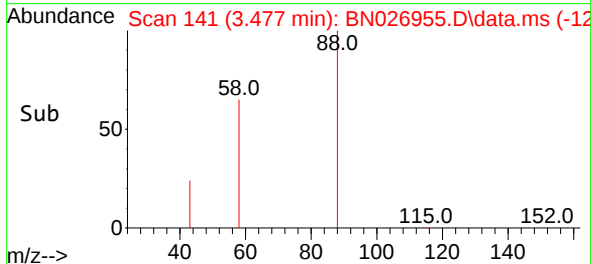
Instrument :
BNA_N
ClientSampleId :
A48H5MSD



Tgt Ion: 88 Resp: 5564
Ion Ratio Lower Upper
88 100
43 31.0 28.0 42.0
58 55.7 46.0 69.0

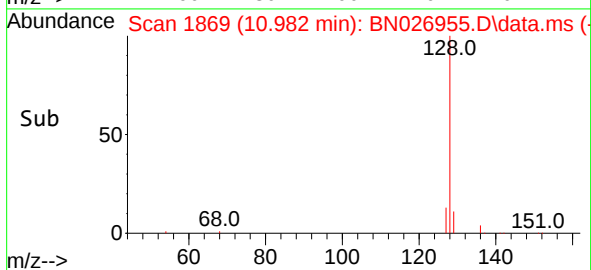
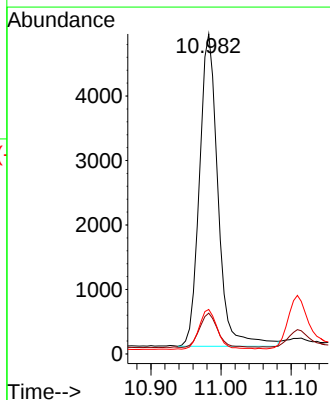
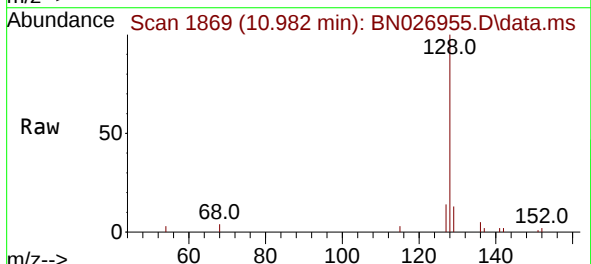
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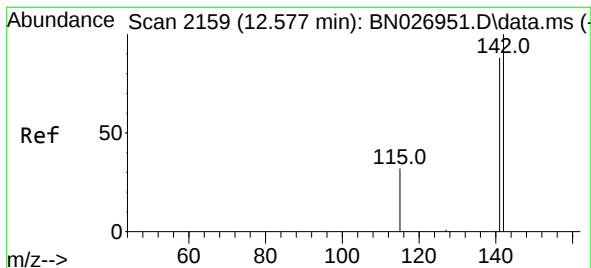
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#5
Naphthalene
Concen: 0.244 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

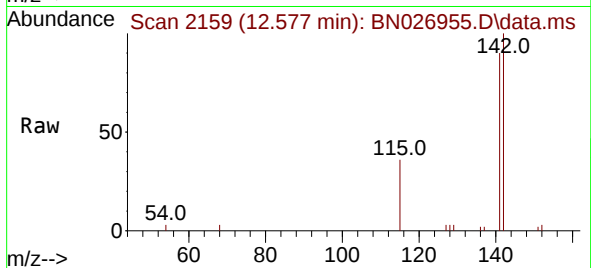
Tgt Ion:128 Resp: 8939
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 13.9 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

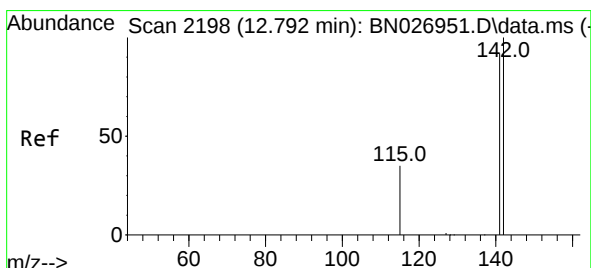
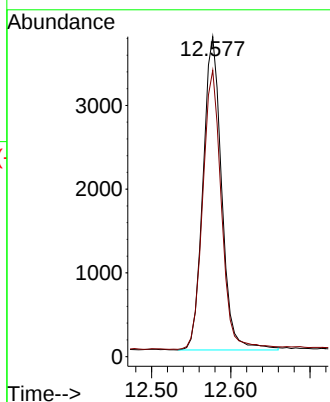
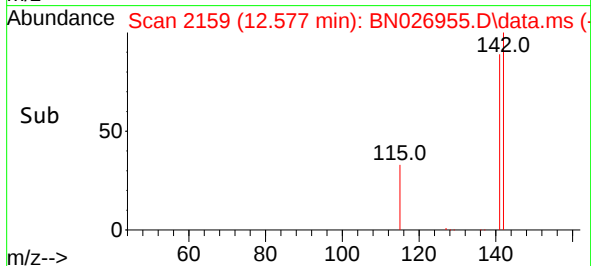
Instrument :
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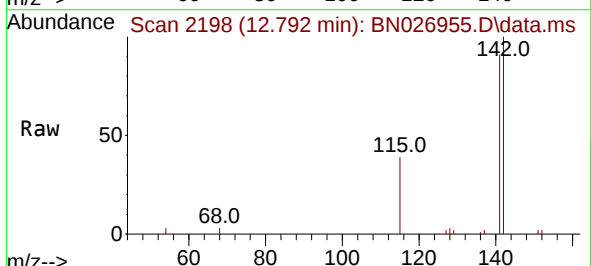
Tgt Ion:142 Resp: 6109
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3

Manual Integrations
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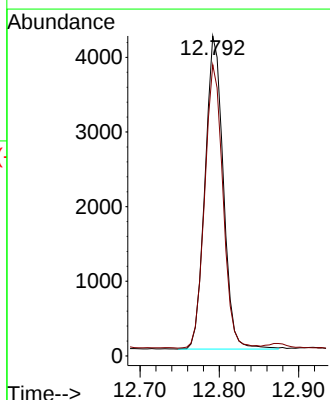
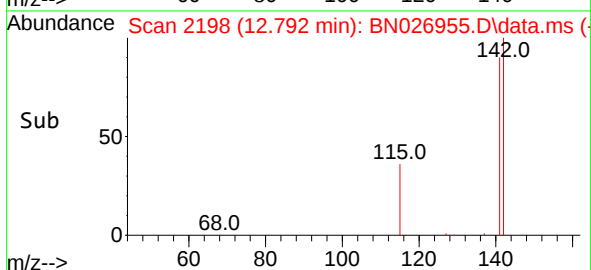
Reviewed By :Yogesh Patel 08/18/2023
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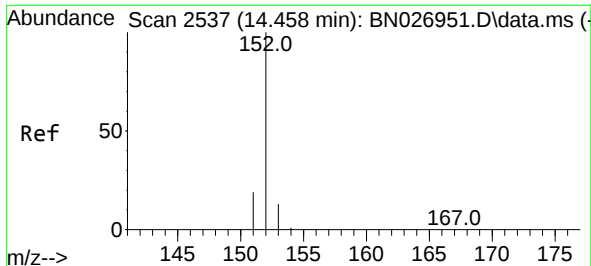


#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51



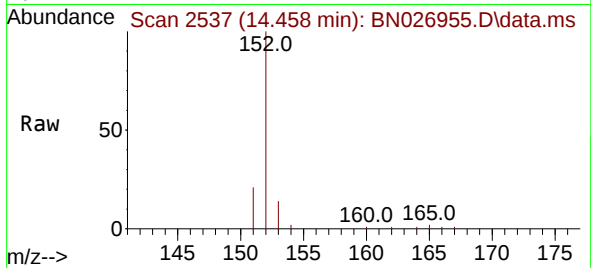
Tgt Ion:142 Resp: 6695
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

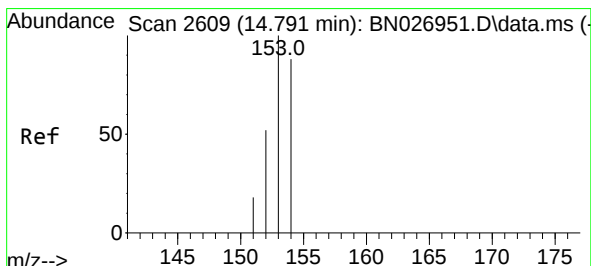
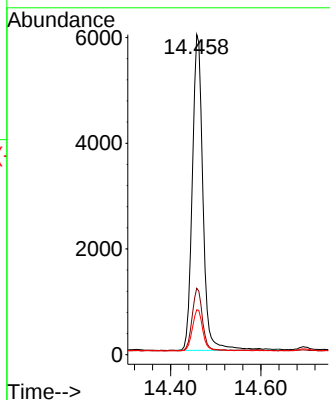
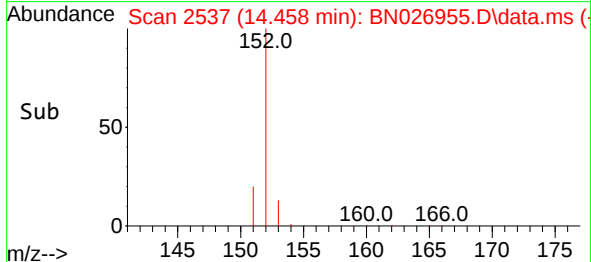
Instrument :
BNA_N
ClientSampleId :
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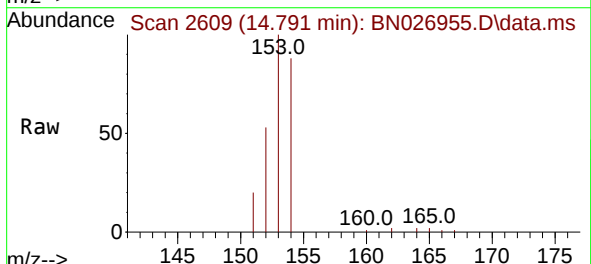
Tgt Ion:152 Resp: 9819
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.0 11.0 16.6

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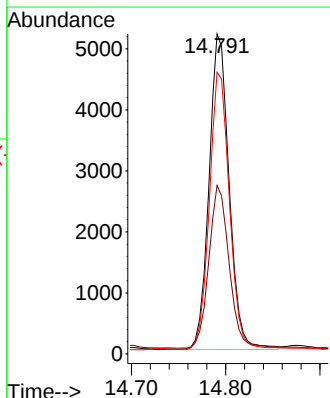
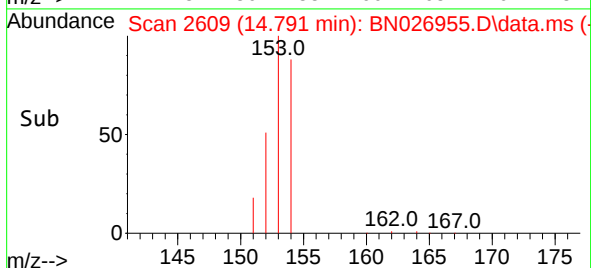
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023

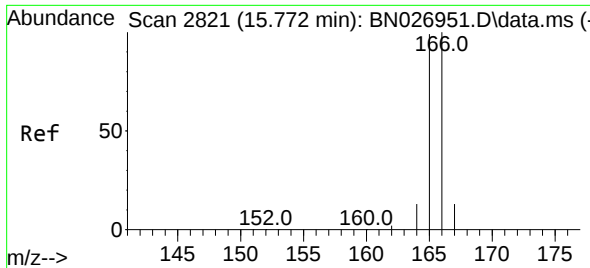


#11
Acenaphthene
Concen: 0.239 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51



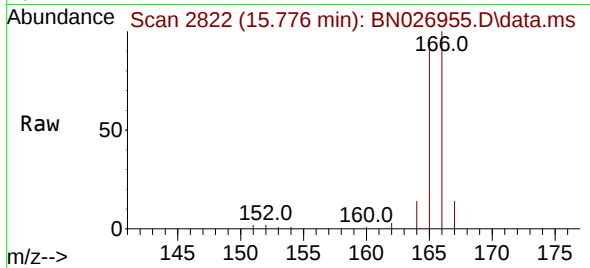
Tgt Ion:153 Resp: 7651
Ion Ratio Lower Upper
153 100
152 52.7 41.1 61.7
154 88.1 71.6 107.4





#12
Fluorene
Concen: 0.239 ng/ul
RT: 15.776 min Scan# 2821
Delta R.T. 0.005 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

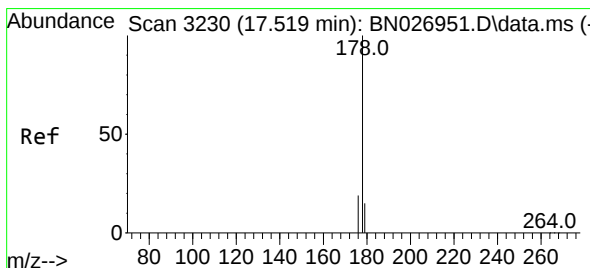
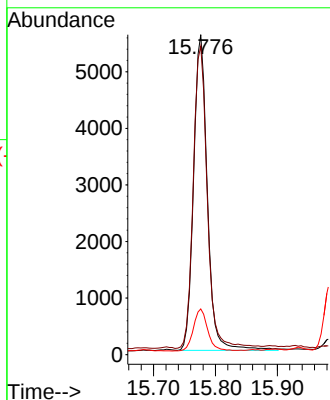
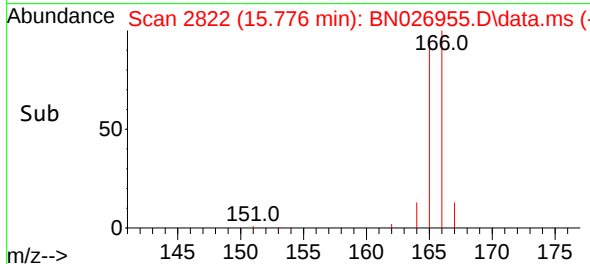
Instrument :
BNA_N
ClientSampleId :
A48H5MSD



Tgt Ion:166 Resp: 866
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 14.3 11.4 17.0

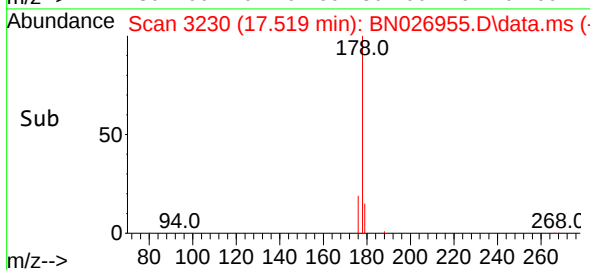
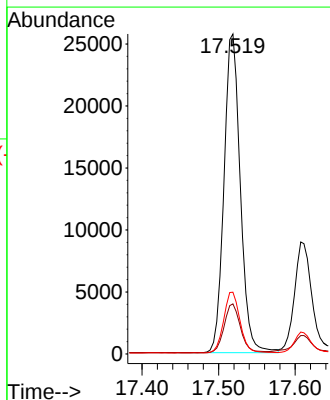
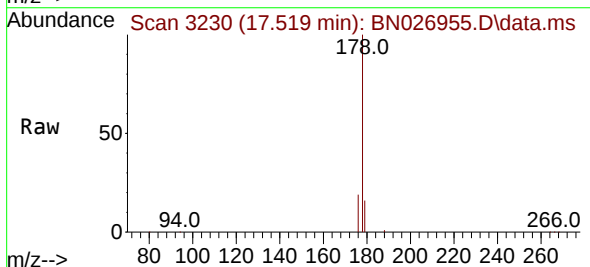
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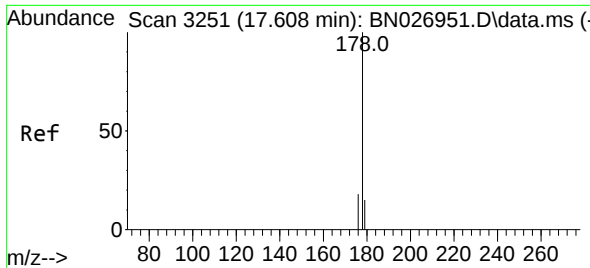
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#15
Phenanthrene
Concen: 0.621 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

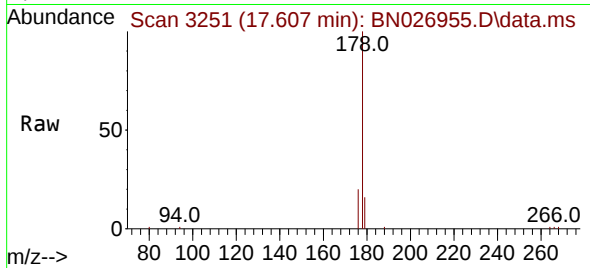
Tgt Ion:178 Resp: 38054
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.258 ng/ul
 RT: 17.607 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026955.D
 Acq: 18 Aug 2023 11:51

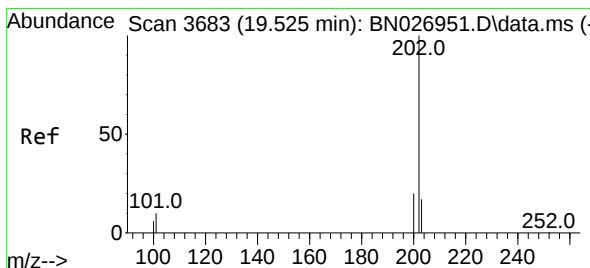
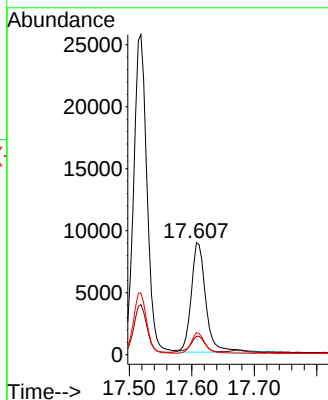
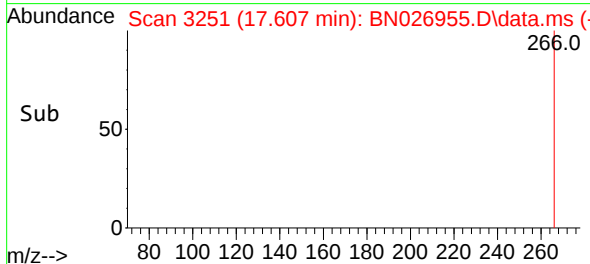
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Tgt Ion:178 Resp: 14275
 Ion Ratio Lower Upper
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 179 16.5 12.6 19.0
 176 19.5 15.0 22.6

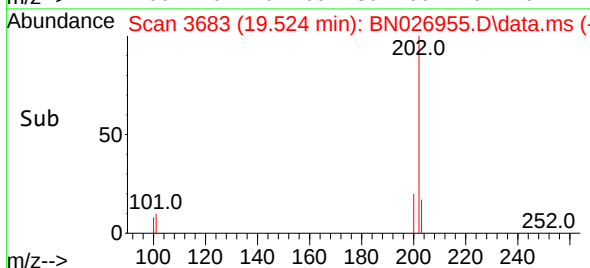
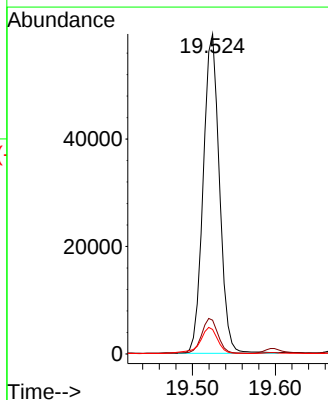
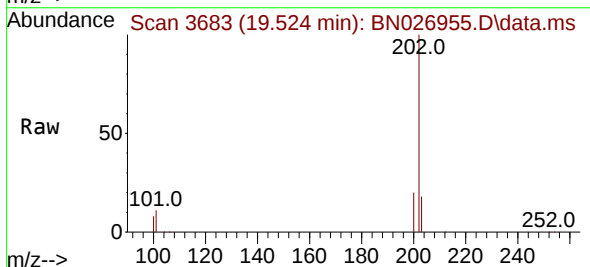
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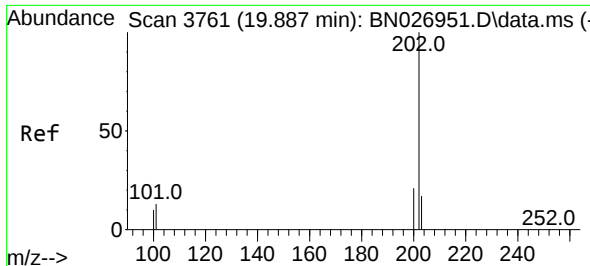
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/21/2023



#19
 Fluoranthene
 Concen: 1.170 ng/ul
 RT: 19.524 min Scan# 3683
 Delta R.T. -0.000 min
 Lab File: BN026955.D
 Acq: 18 Aug 2023 11:51

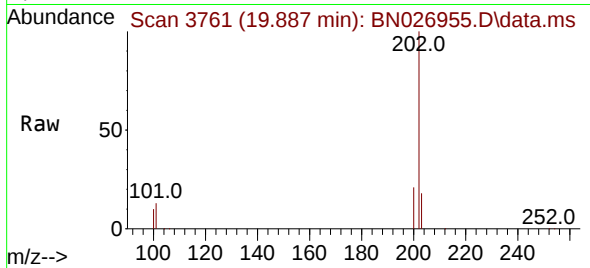
Tgt Ion:202 Resp: 80775
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.3 12.5
 100 7.7 6.2 9.2





#20
Pyrene
Concen: 0.995 ng/u1
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

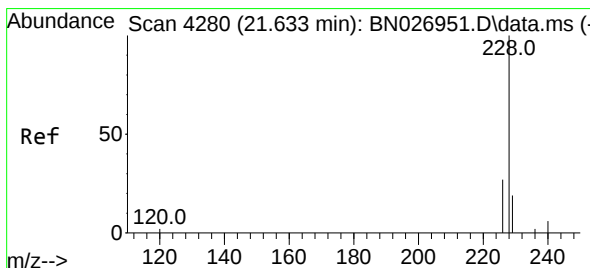
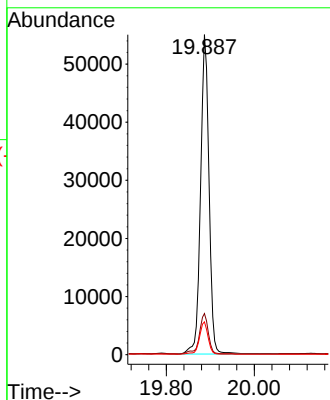
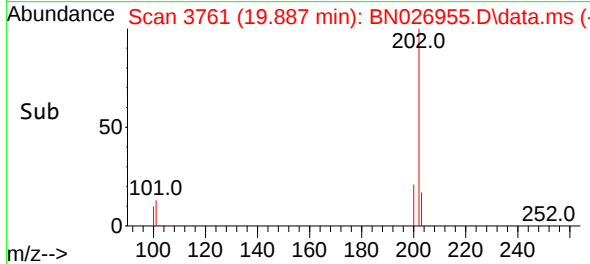
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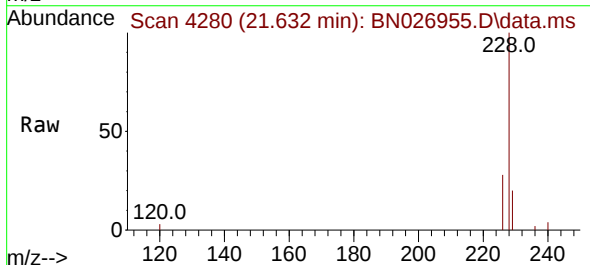
Tgt Ion:202 Resp: 73310
Ion Ratio Lower Upper
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101 12.9 10.7 16.1
100 10.2 8.5 12.7

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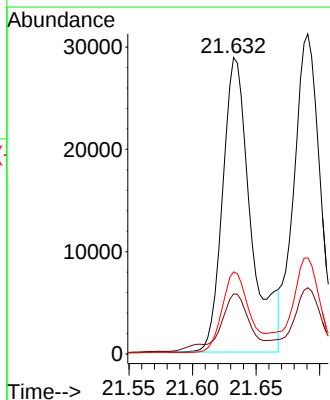
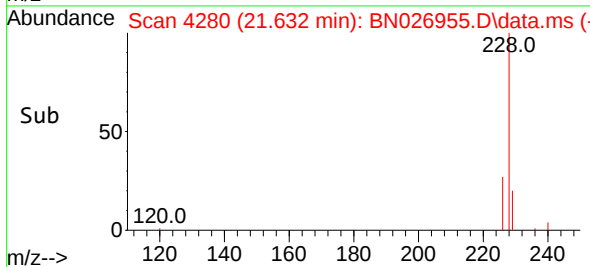
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023

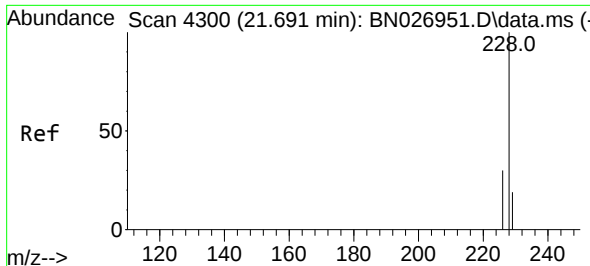


#21
Benzo(a)anthracene
Concen: 0.672 ng/u1
RT: 21.632 min Scan# 4280
Delta R.T. -0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51



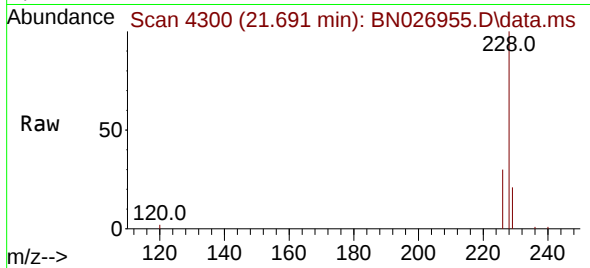
Tgt Ion:228 Resp: 44396
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.7 22.2 33.2





#22
Chrysene
Concen: 0.686 ng/ul
RT: 21.691 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

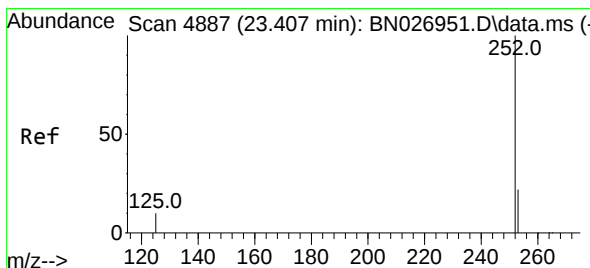
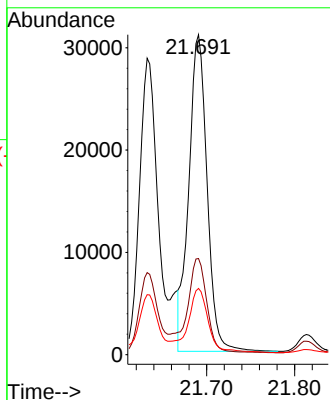
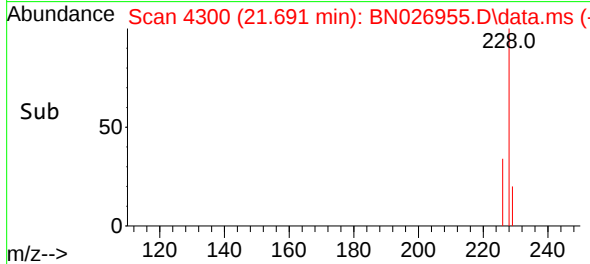
Instrument :
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Tgt Ion:228 Resp: 44744
Ion Ratio Lower Upper
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229 20.7 15.8 23.6

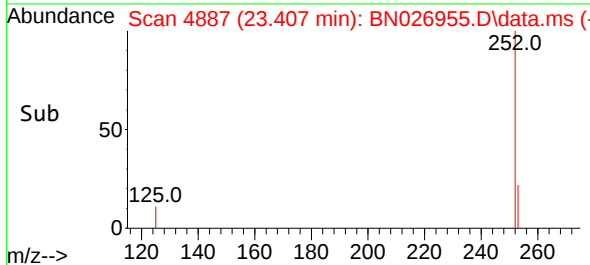
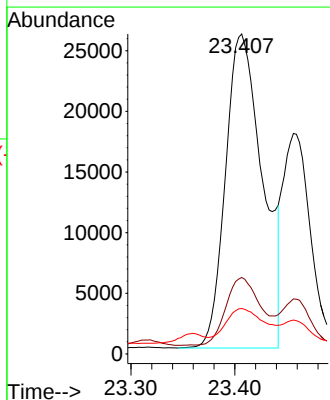
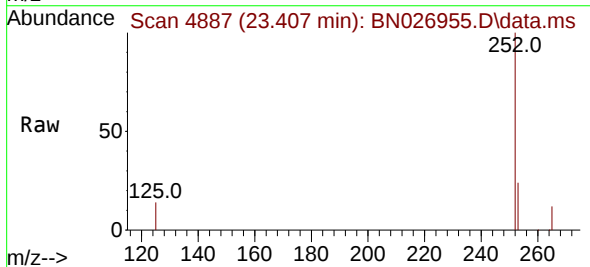
Manual Integrations
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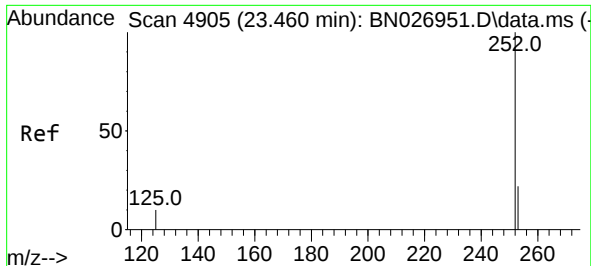
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#24
Benzo(b)fluoranthene
Concen: 0.967 ng/ul
RT: 23.407 min Scan# 4887
Delta R.T. -0.000 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

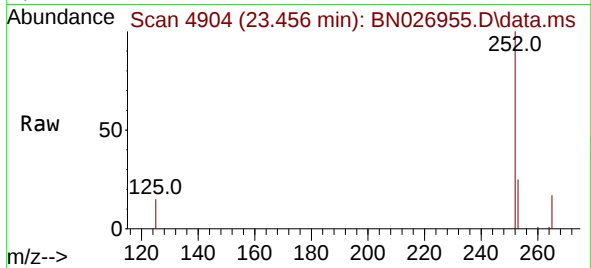
Tgt Ion:252 Resp: 64054
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.8
125 14.2 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul
RT: 23.456 min Scan# 4905
Delta R.T. -0.003 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

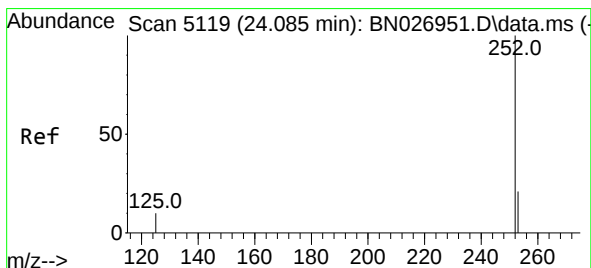
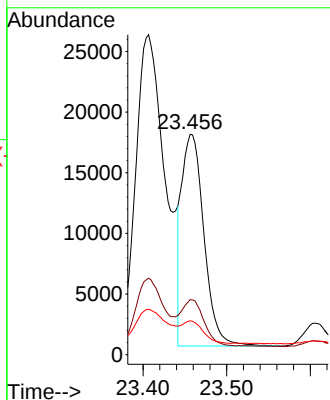
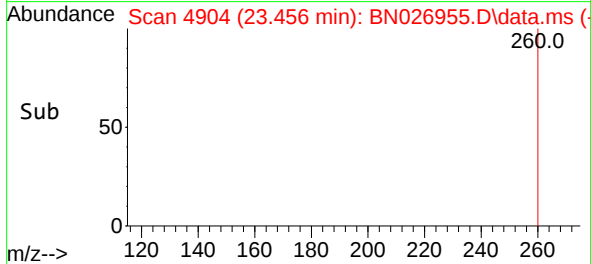
Instrument :
BNA_N
ClientSampleId :
A48H5MSD



Tgt Ion:252 Resp: 3214
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.4
125 15.4 9.9 14.9

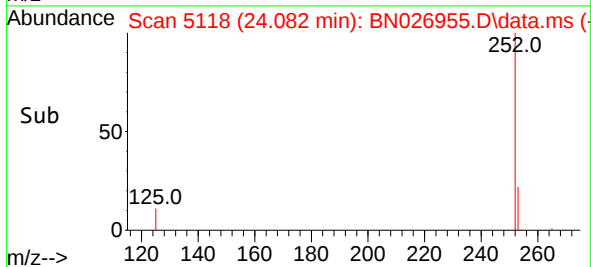
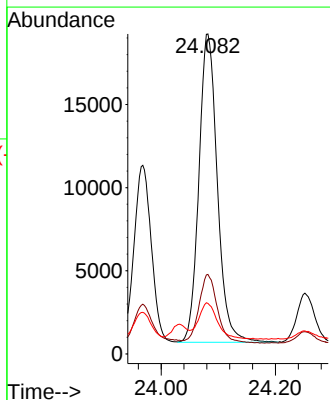
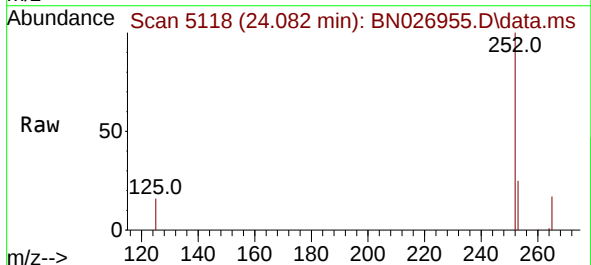
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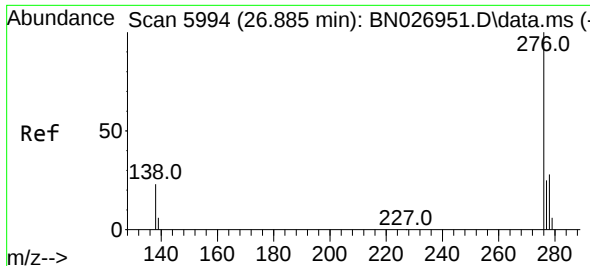
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023



#26
Benzo(a)pyrene
Concen: 0.694 ng/ul
RT: 24.082 min Scan# 5118
Delta R.T. -0.003 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

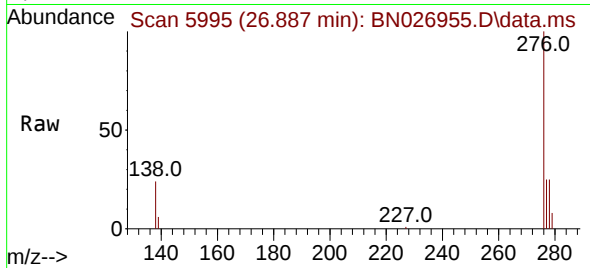
Tgt Ion:252 Resp: 41488
Ion Ratio Lower Upper
252 100
253 24.8 19.0 28.6
125 15.8 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.528 ng/ul
RT: 26.887 min Scan# 5994
Delta R.T. 0.003 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51

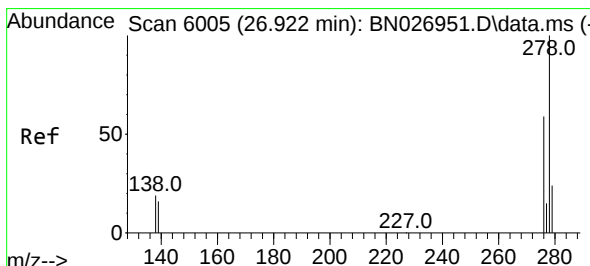
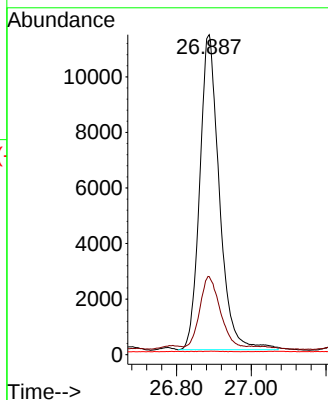
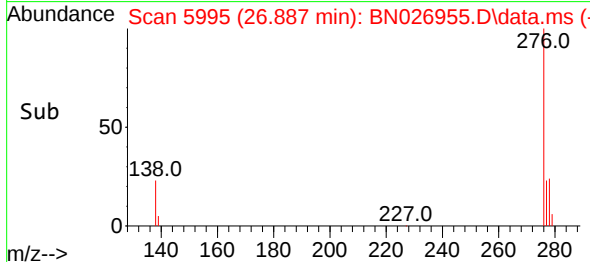
Instrument :
BNA_N
ClientSampleId :
A48H5MSD



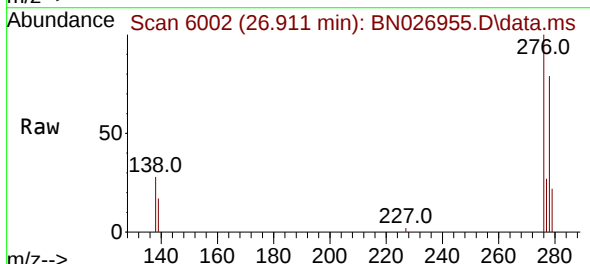
Tgt Ion: 276 Resp: 41310
Ion Ratio Lower Upper
276 100
138 24.8 21.6 32.4
227 0.1 0.0 0.0

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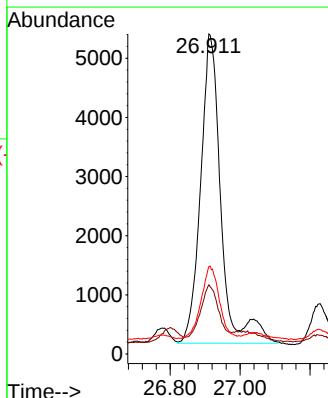
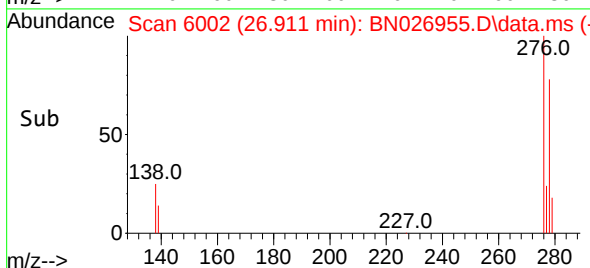
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/21/2023

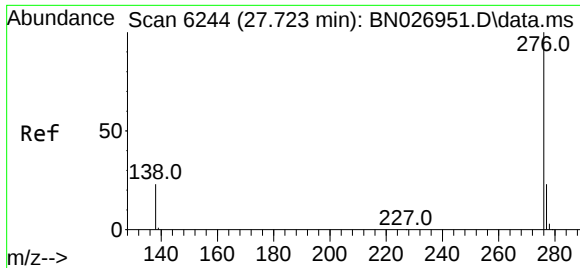


#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul m
RT: 26.911 min Scan# 6002
Delta R.T. -0.011 min
Lab File: BN026955.D
Acq: 18 Aug 2023 11:51



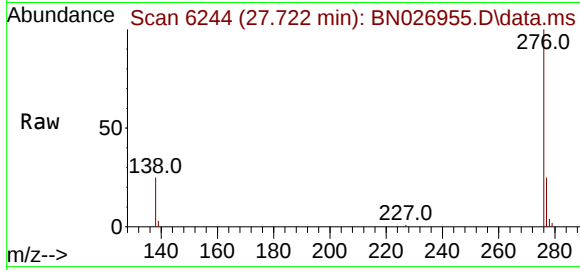
Tgt Ion: 278 Resp: 21073
Ion Ratio Lower Upper
278 100
139 21.6 15.7 23.5
279 27.3 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.599 ng/ul
 RT: 27.722 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN026955.D
 Acq: 18 Aug 2023 11:51

Instrument :
 BNA_N
 ClientSampleId :
 A48H5MSD



Tgt Ion:	276	Resp:	3898
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.3	28.9
277	25.1	19.8	29.8

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

