

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026921.D
 Acq On : 16 Aug 2023 04:01
 Operator : MA/JU
 Sample : 03965-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4832

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 04:52:18 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 16 00:50:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	8933	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	32014	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	20388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	45250	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	39409	0.400	ng/ul	0.00
23) Perylene-d12	24.202	264	36777	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	33204	3.131	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	10616	0.225	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	26810	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.988	128	5777	0.064	ng/ul#	94
7) 2-Methylnaphthalene	12.583	142	1770	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	1273	0.022	ng/ul	98
10) Acenaphthylene	14.467	152	4391	0.038	ng/ul#	93
11) Acenaphthene	14.795	153	2451	0.031	ng/ul	97
12) Fluorene	15.781	166	3048	0.034	ng/ul#	98
15) Phenanthrene	17.523	178	48608	0.327	ng/ul	100
16) Anthracene	17.616	178	8891	0.066	ng/ul	96
19) Fluoranthene	19.525	202	133564	0.816	ng/ul	98
20) Pyrene	19.892	202	110447m	0.632	ng/ul	
21) Benzo(a)anthracene	21.638	228	51438	0.328	ng/ul	98
22) Chrysene	21.694	228	64218	0.415	ng/ul	98
24) Benzo(b)fluoranthene	23.413	252	79109m	0.569	ng/ul	
25) Benzo(k)fluoranthene	23.462	252	29206m	0.213	ng/ul	
26) Benzo(a)pyrene	24.091	252	47258	0.376	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.894	276	31683	0.193	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.918	278	7372	0.056	ng/ul#	60
29) Benzo(g,h,i)perylene	27.733	276	28127	0.206	ng/ul	95

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

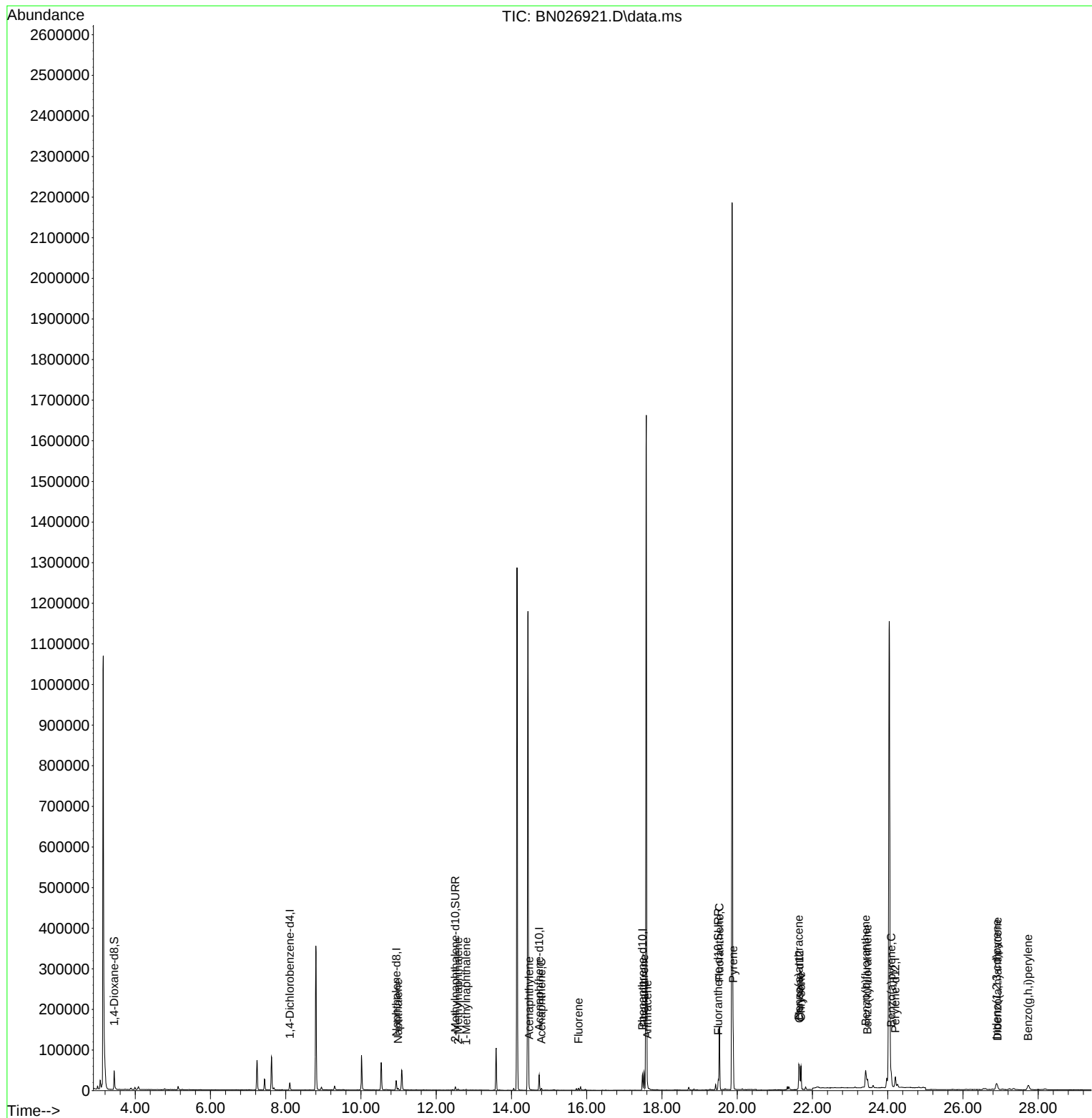
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026921.D
Acq On : 16 Aug 2023 04:01
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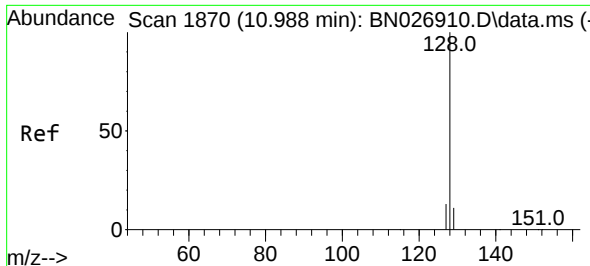
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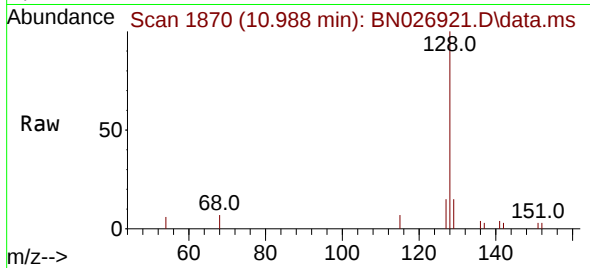
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
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#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

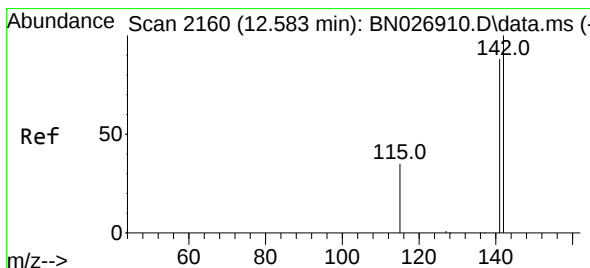
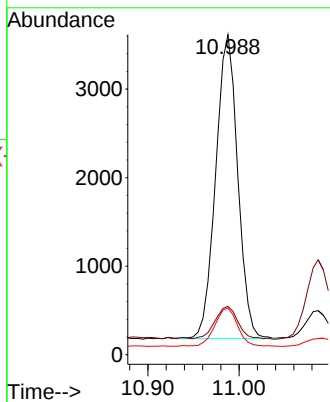
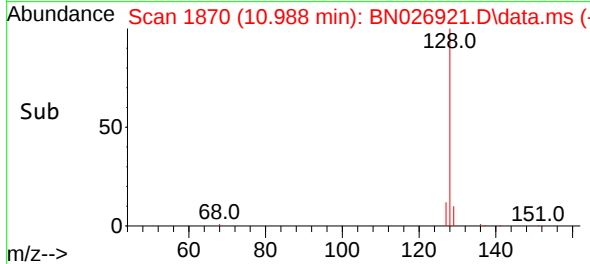
Instrument :
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A4832



Tgt Ion:128 Resp: 5770
Ion Ratio Lower Upper
128 100
129 15.1 9.2 13.8
127 14.6 10.5 15.7

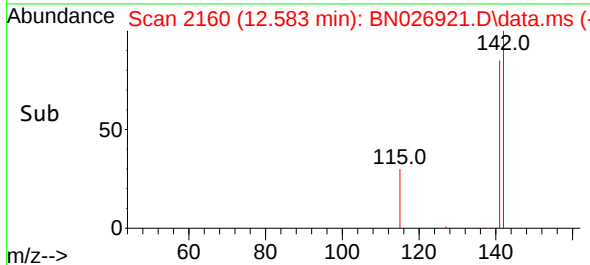
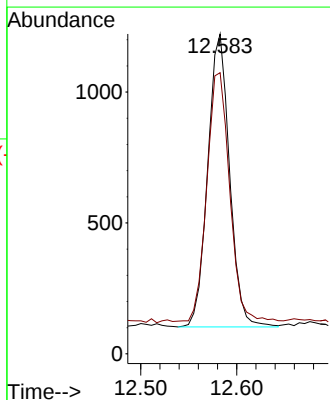
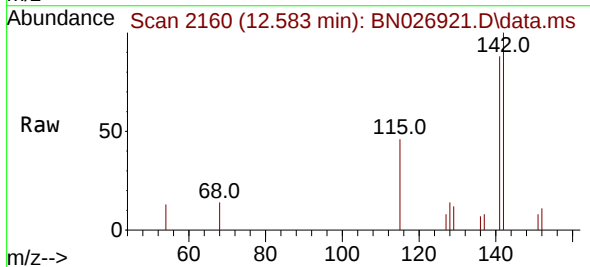
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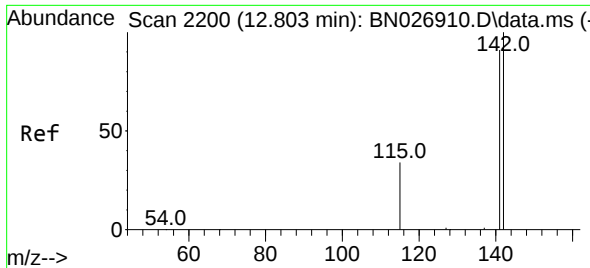
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

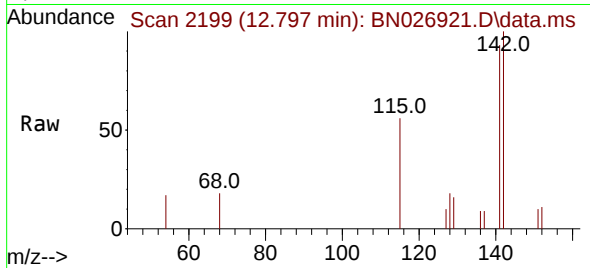
Tgt Ion:142 Resp: 1770
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.797 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

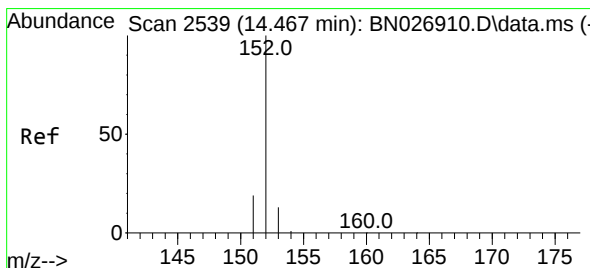
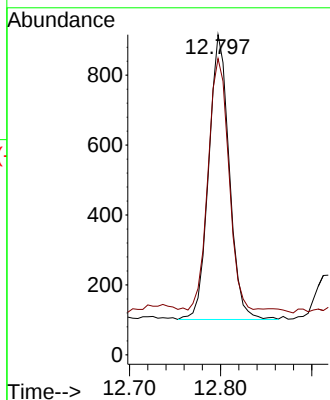
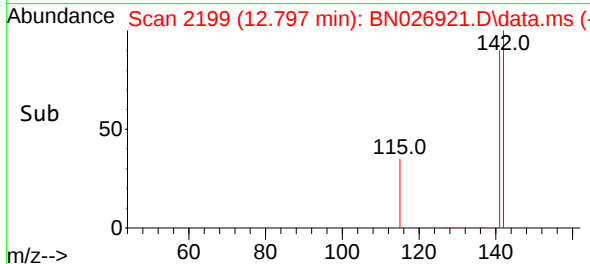
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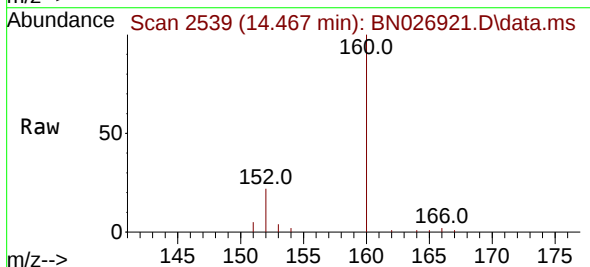
Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
141 93.2 73.2 109.8

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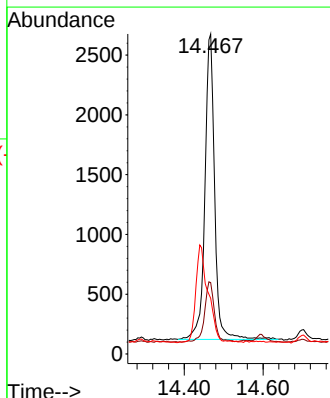
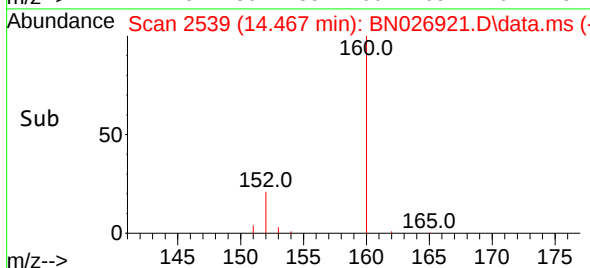
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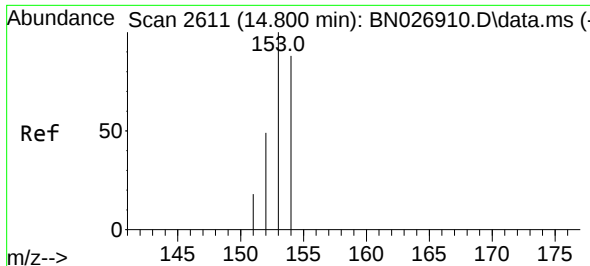


#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01



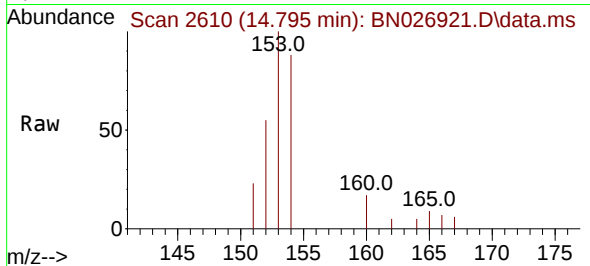
Tgt Ion:152 Resp: 4391
Ion Ratio Lower Upper
152 100
151 22.3 15.9 23.9
153 17.4 11.0 16.6#





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.795 min Scan# 2610
Delta R.T. -0.004 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

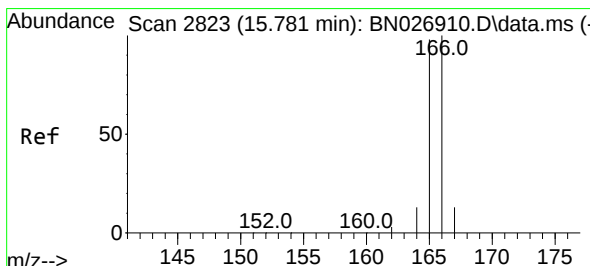
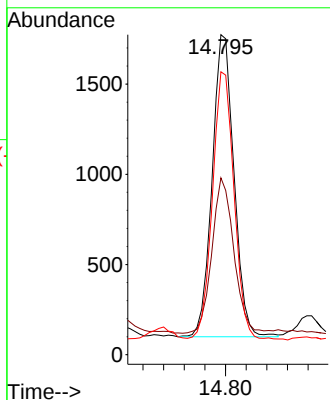
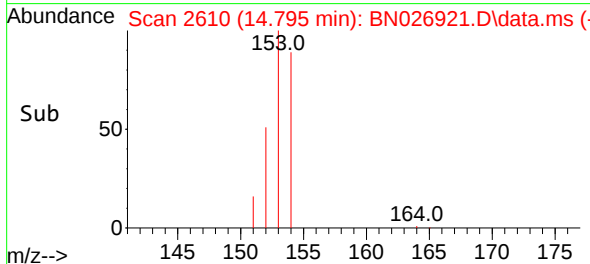
Instrument :
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Tgt Ion:153 Resp: 245
Ion Ratio Lower Upper
153 100
152 55.2 41.1 61.7
154 88.4 71.6 107.4

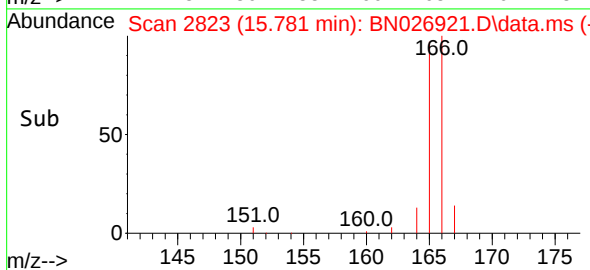
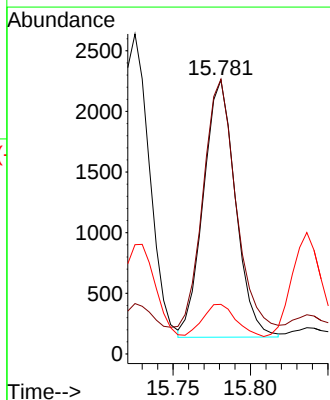
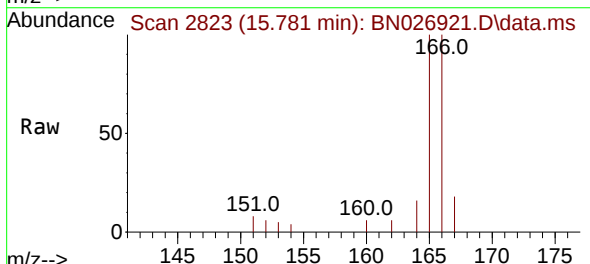
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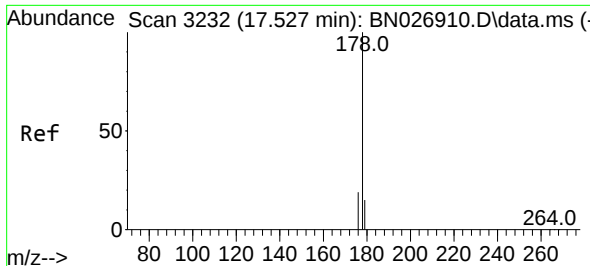
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#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

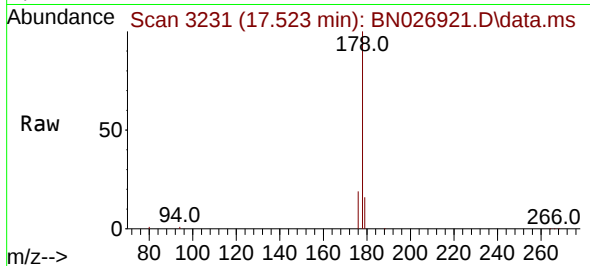
Tgt Ion:166 Resp: 3048
Ion Ratio Lower Upper
166 100
165 100.3 79.1 118.7
167 18.1 11.4 17.0#





#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.523 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

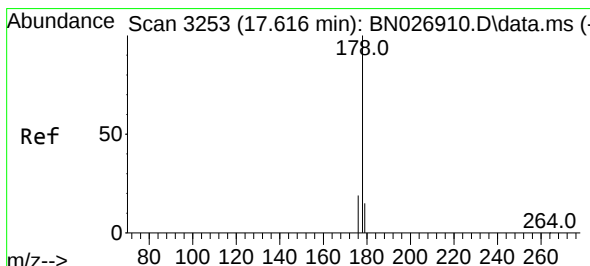
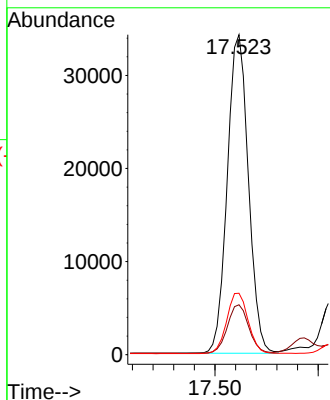
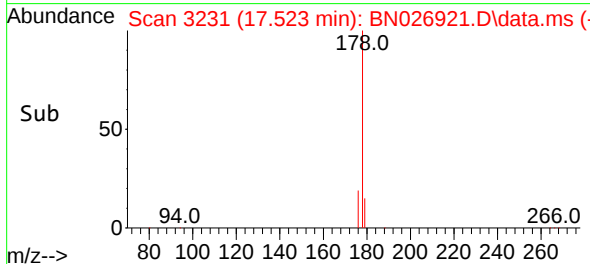
Instrument :
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ClientSampleId :
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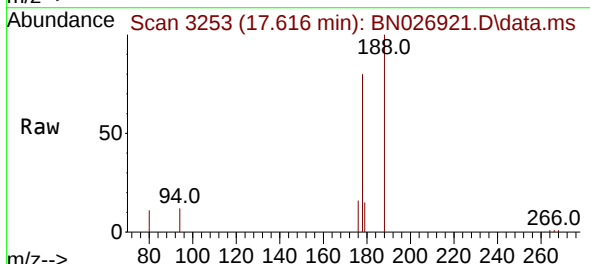
Tgt Ion:178 Resp: 48608
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.4 23.2

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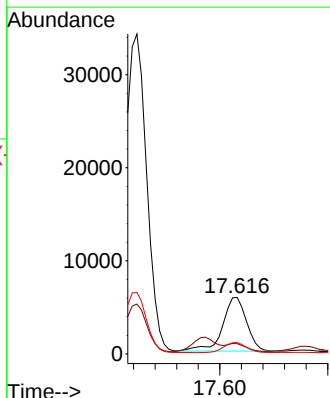
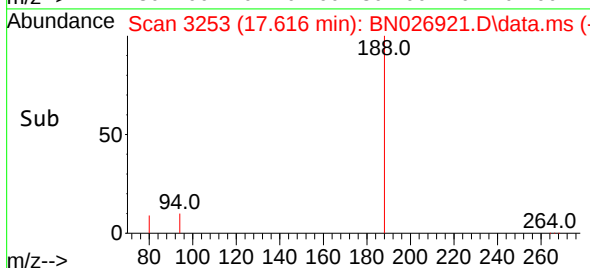
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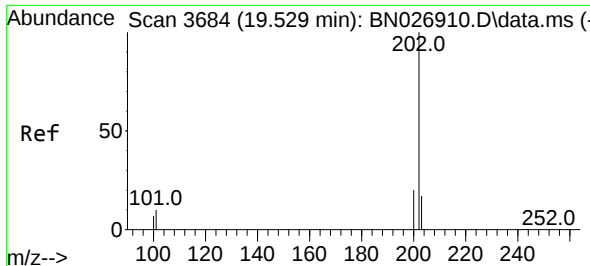


#16
Anthracene
Concen: 0.066 ng/ul
RT: 17.616 min Scan# 3253
Delta R.T. 0.000 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01



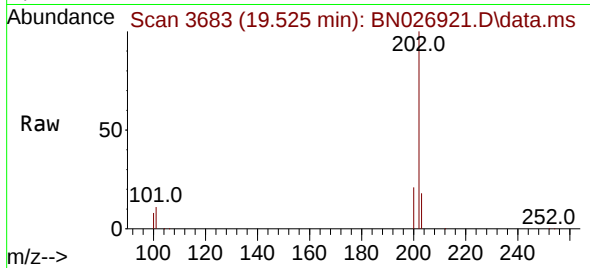
Tgt Ion:178 Resp: 8891
Ion Ratio Lower Upper
178 100
179 18.3 12.6 19.0
176 20.2 15.0 22.6





#19
Fluoranthene
Concen: 0.816 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. -0.005 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

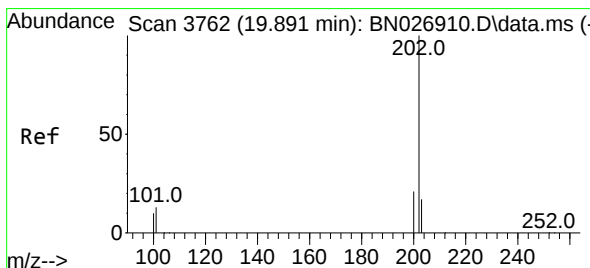
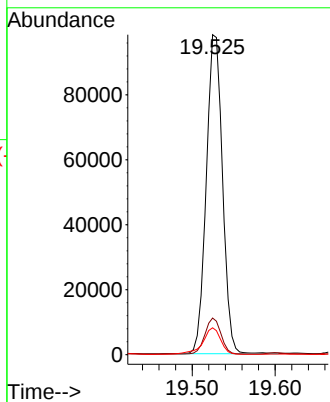
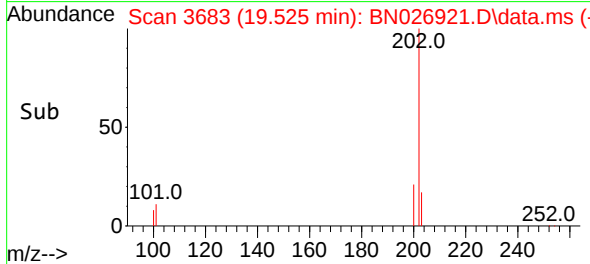
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A4832



Tgt Ion:202 Resp: 133564
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.4 6.2 9.2

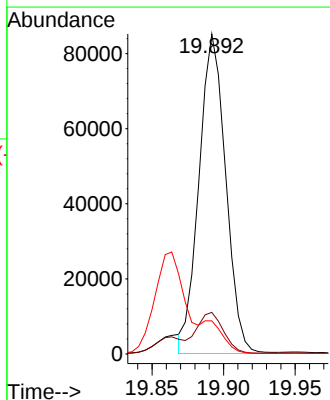
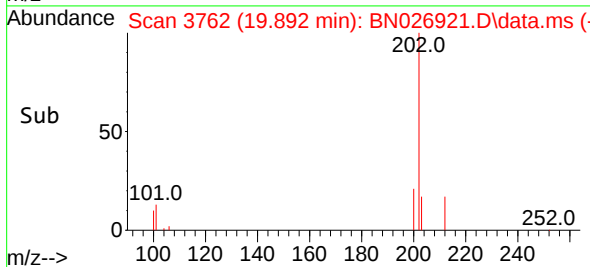
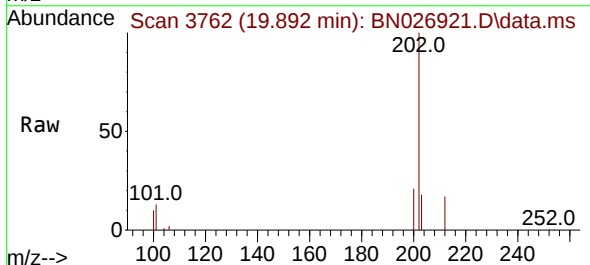
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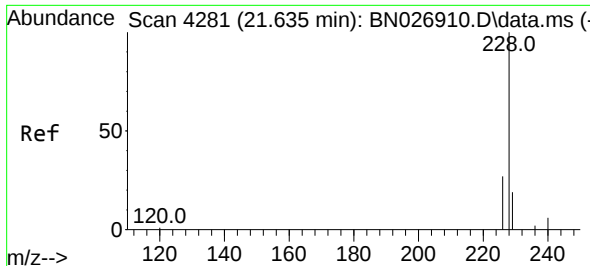
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#20
Pyrene
Concen: 0.632 ng/ul m
RT: 19.892 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

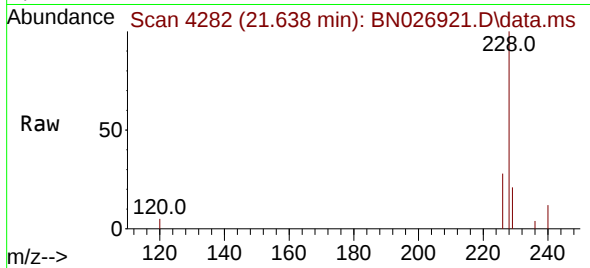
Tgt Ion:202 Resp: 110447
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.3 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.638 min Scan# 4301
Delta R.T. -0.003 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

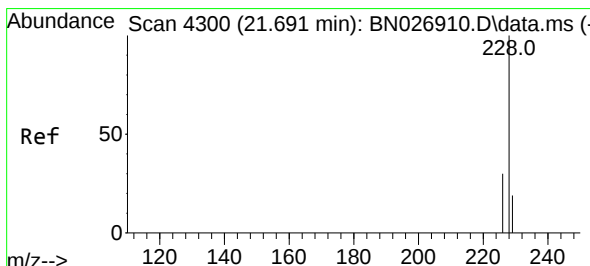
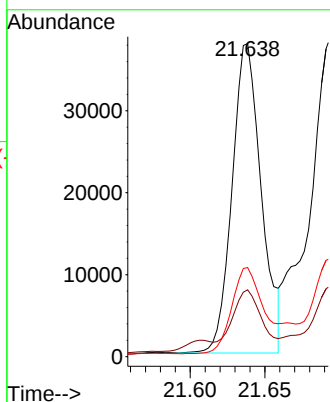
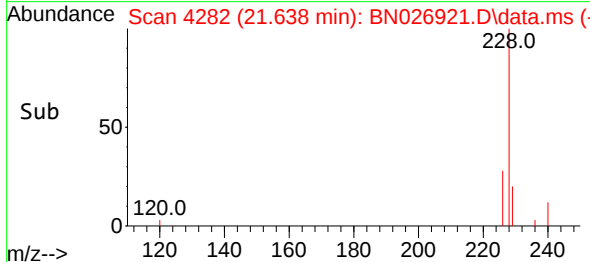
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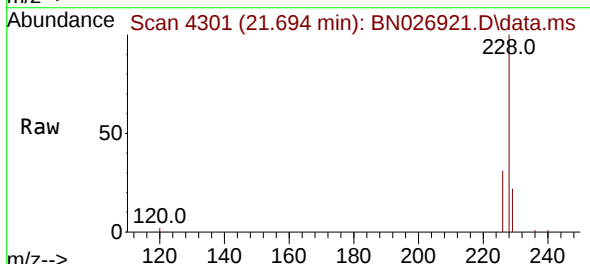
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Ion Ratio Lower Upper
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226 28.5 22.2 33.2

Manual Integrations
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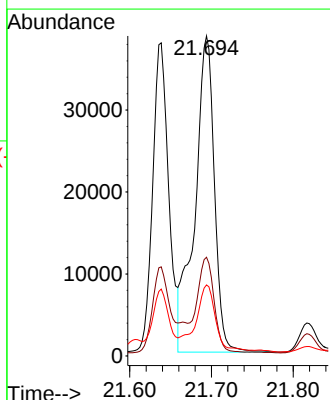
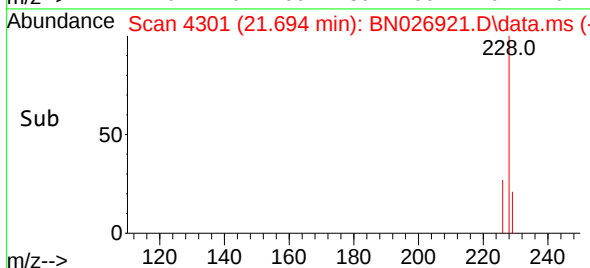
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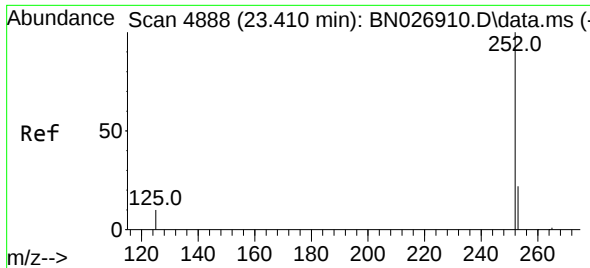


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.694 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01



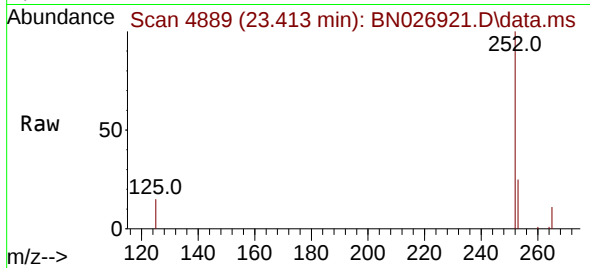
Tgt Ion:228 Resp: 64218
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.569 ng/ul m
RT: 23.413 min Scan# 4889
Delta R.T. -0.009 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

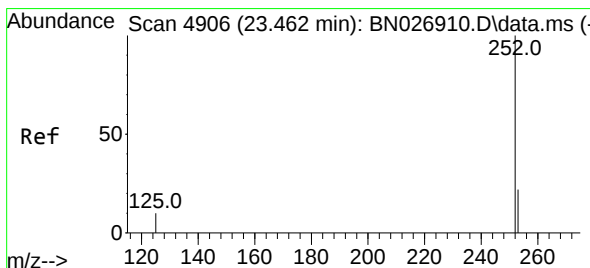
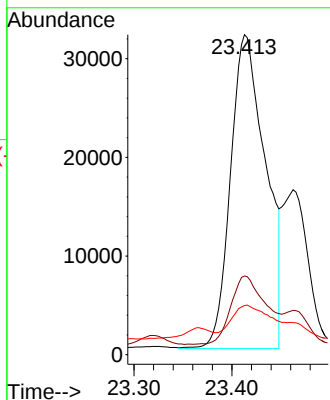
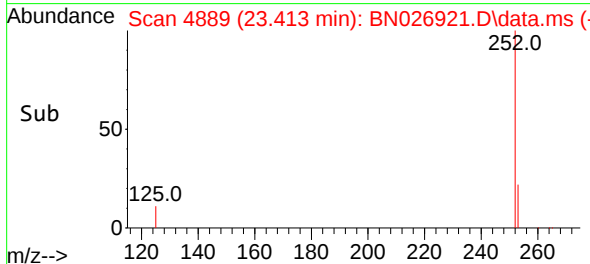
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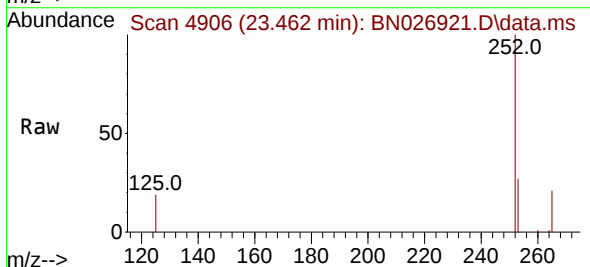
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Ion Ratio Lower Upper
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253 24.6 0.0 46.8
125 15.4 0.0 25.2

Manual Integrations
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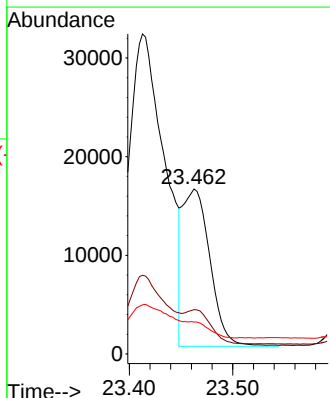
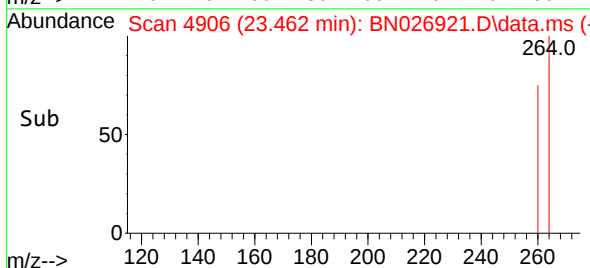
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

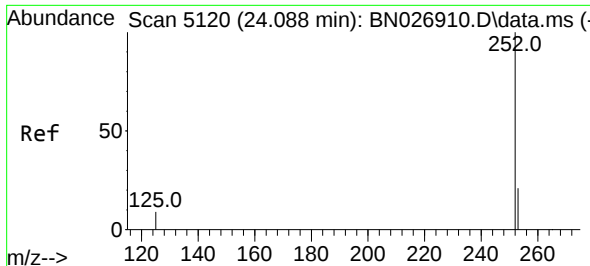


#25
Benzo(k)fluoranthene
Concen: 0.213 ng/ul m
RT: 23.462 min Scan# 4906
Delta R.T. -0.012 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01



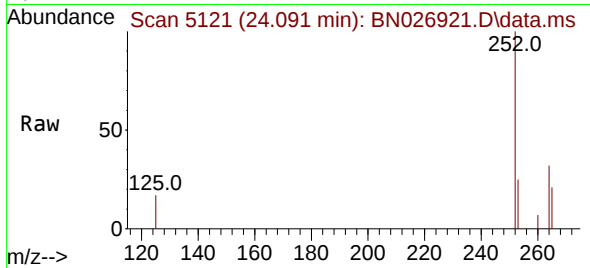
Tgt Ion:252 Resp: 29206
Ion Ratio Lower Upper
252 100
253 26.9 18.2 27.4
125 19.4 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 24.091 min Scan# 5121
Delta R.T. -0.009 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

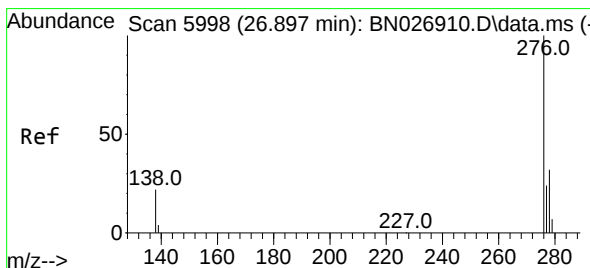
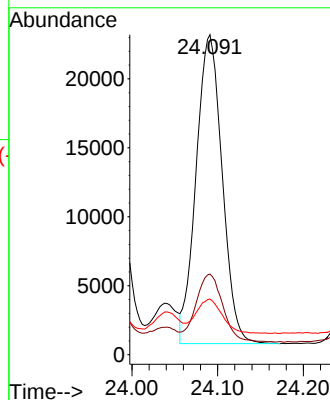
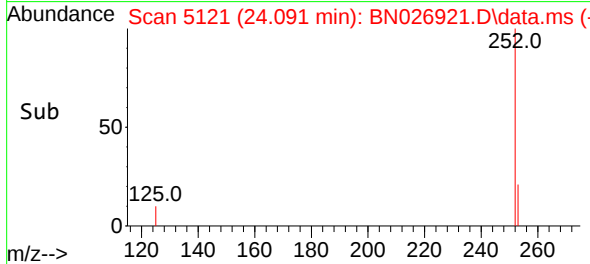
Instrument :
BNA_N
ClientSampleId :
A4832



Tgt Ion:252 Resp: 47258
Ion Ratio Lower Upper
252 100
253 25.2 19.0 28.6
125 17.4 11.4 17.0

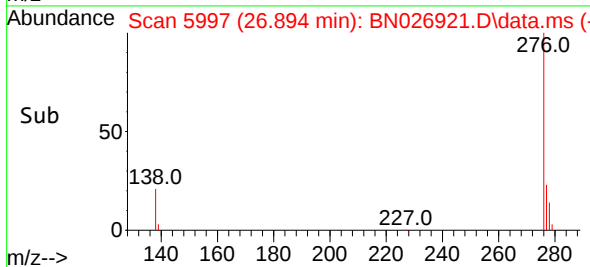
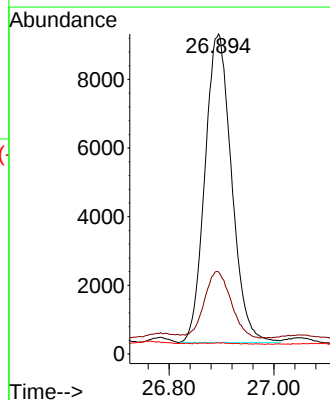
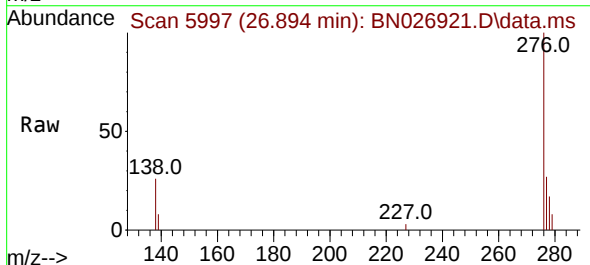
Manual Integrations
APPROVED

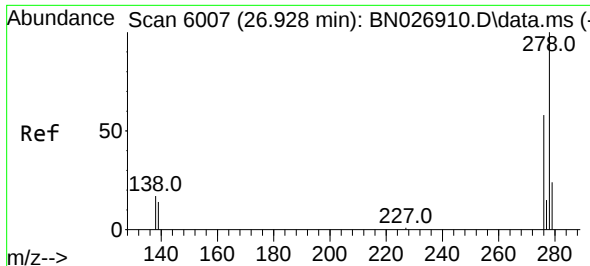
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 26.894 min Scan# 5997
Delta R.T. -0.013 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

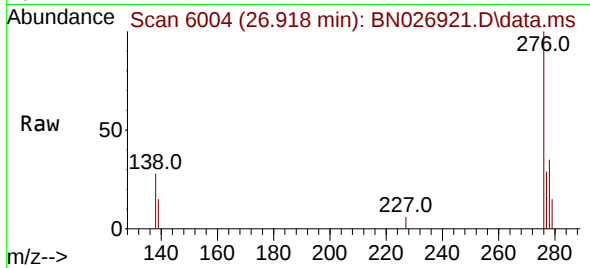
Tgt Ion:276 Resp: 31683
Ion Ratio Lower Upper
276 100
138 21.4 21.6 32.4#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 26.918 min Scan# 6004
Delta R.T. -0.020 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01

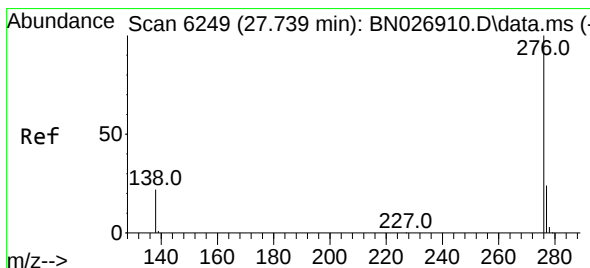
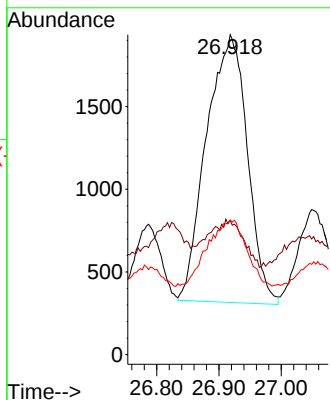
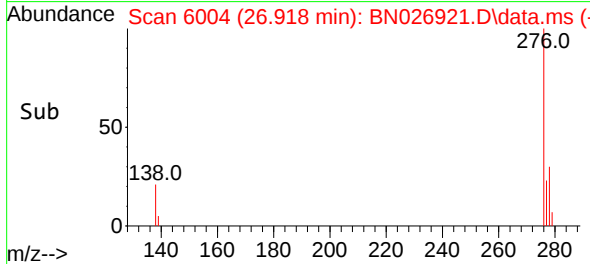
Instrument :
BNA_N
ClientSampleId :
A4832



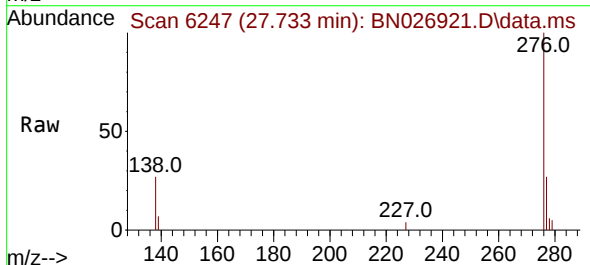
Tgt Ion: 278 Resp: 7372
Ion Ratio Lower Upper
278 100
139 41.9 15.7 23.5
279 42.1 20.2 30.4

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/16/2023
Supervised By : Sohil Jodhani 08/16/2023



#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 27.733 min Scan# 6247
Delta R.T. -0.013 min
Lab File: BN026921.D
Acq: 16 Aug 2023 04:01



Tgt Ion: 276 Resp: 28127
Ion Ratio Lower Upper
276 100
138 27.3 19.3 28.9
277 26.8 19.8 29.8

