

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024787.D
 Acq On : 06 Apr 2023 19:19
 Operator : CG/JU
 Sample : 02006-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB948DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2023
 Supervised By : mohammad ahmed 04/07/2023

Quant Time: Apr 06 23:08:10 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 22:57:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	23265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	13955	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	30921	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	26146	0.400	ng/ul	0.00
23) Perylene-d12	23.972	264	25024	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6245	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	1415	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	2707	0.042	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.818	128	6097	0.107	ng/ul	97
7) 2-Methylnaphthalene	12.430	142	1811	0.051	ng/ul	99
8) 1-Methylnaphthalene	12.650	142	854	0.023	ng/ul	98
10) Acenaphthylene	14.320	152	2495	0.051	ng/ul#	92
12) Fluorene	15.643	166	1421	0.029	ng/ul#	95
15) Phenanthrene	17.384	178	19708	0.232	ng/ul	99
16) Anthracene	17.477	178	3431	0.048	ng/ul#	93
19) Fluoranthene	19.400	202	51410	0.558	ng/ul	98
20) Pyrene	19.762	202	10137m	0.108	ng/ul	
21) Benzo(a)anthracene	21.513	228	23895	0.304	ng/ul	98
22) Chrysene	21.569	228	25928	0.300	ng/ul	98
24) Benzo(b)fluoranthene	23.226	252	32914m	0.317	ng/ul	
25) Benzo(k)fluoranthene	23.273	252	15279m	0.153	ng/ul	
26) Benzo(a)pyrene	23.864	252	2046	0.025	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.510	276	3331	0.034	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.533	278	4130	0.053	ng/ul#	69

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

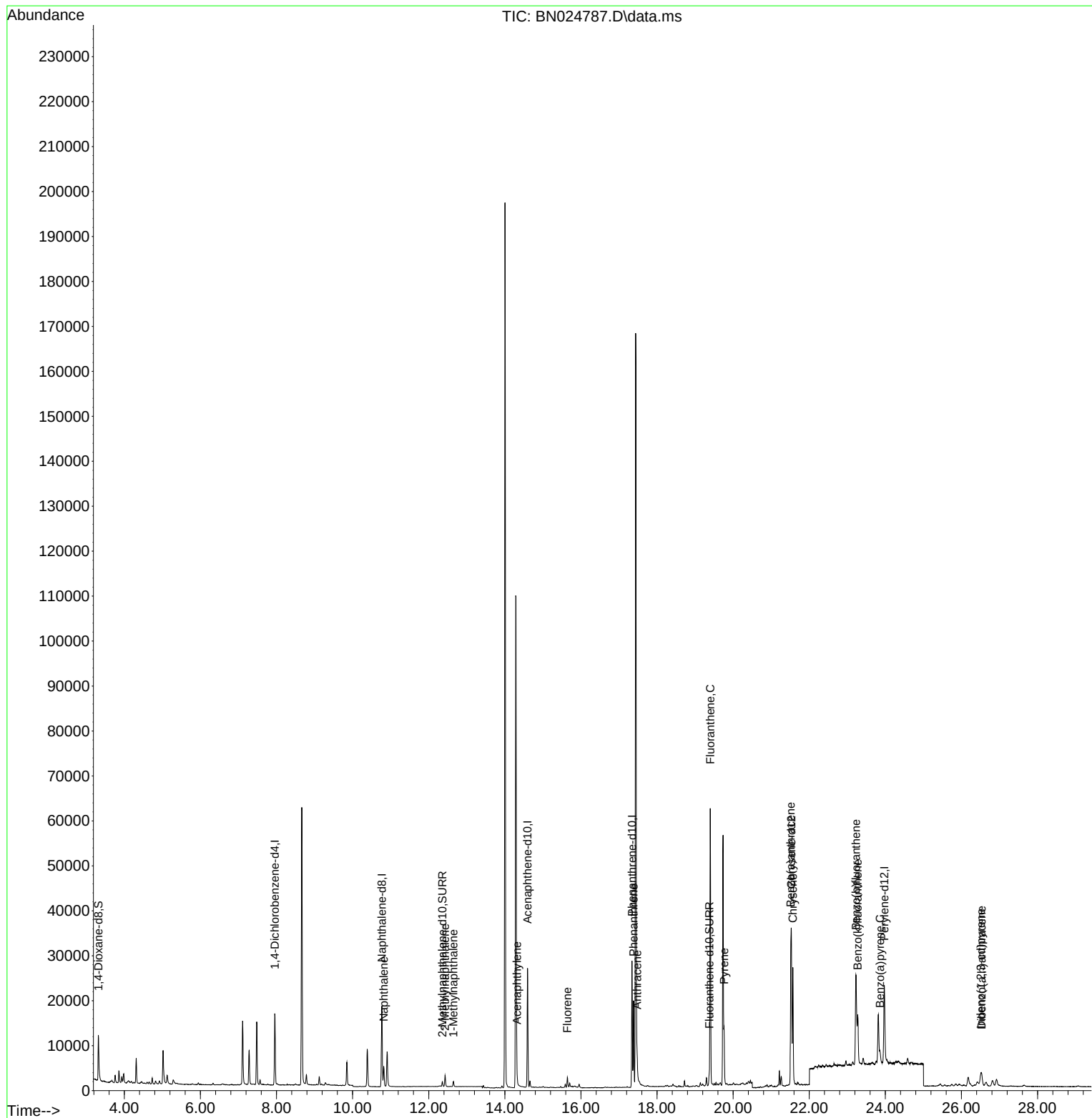
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024787.D
Acq On : 06 Apr 2023 19:19
Operator : CG/JU
Sample : 02006-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

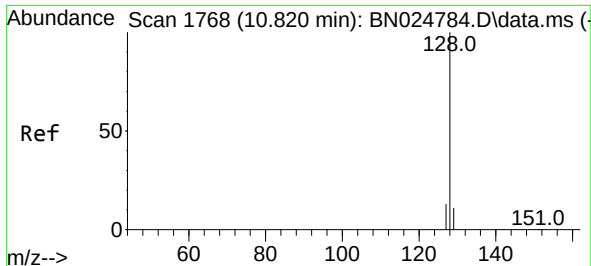
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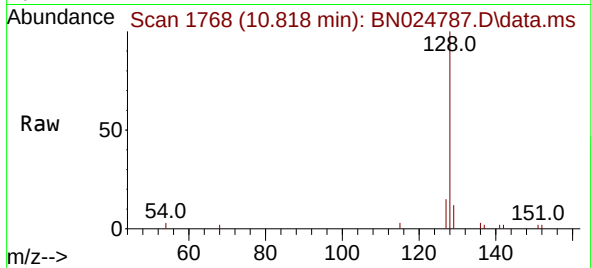
Quant Time: Apr 06 23:08:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

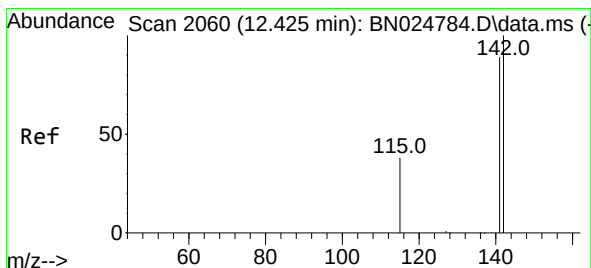
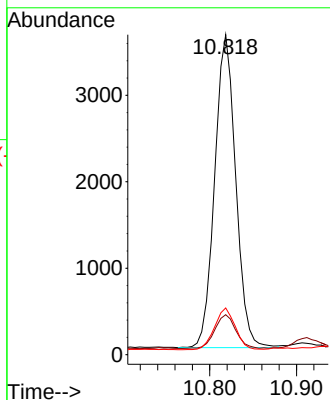
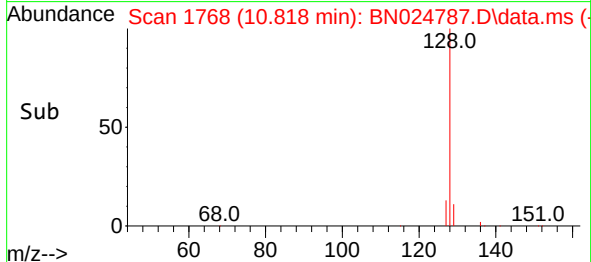
Instrument :
BNA_N
ClientSampleId :
CB948DL



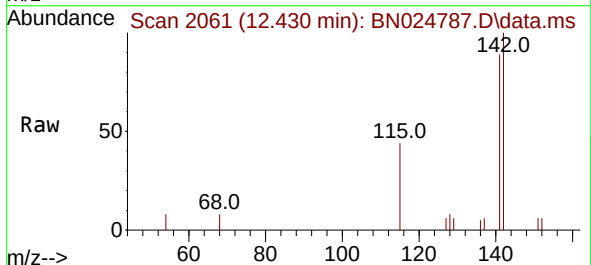
Tgt Ion:128 Resp: 609
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 14.6 10.5 15.7

Manual Integrations
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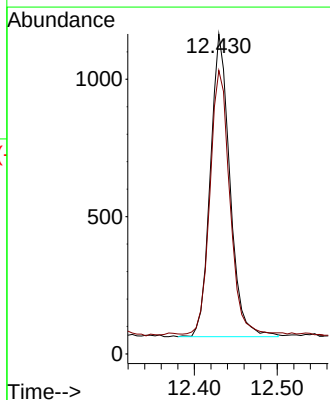
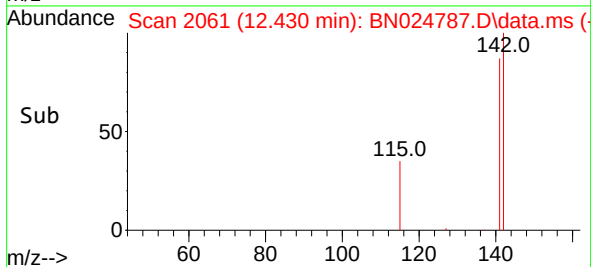
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

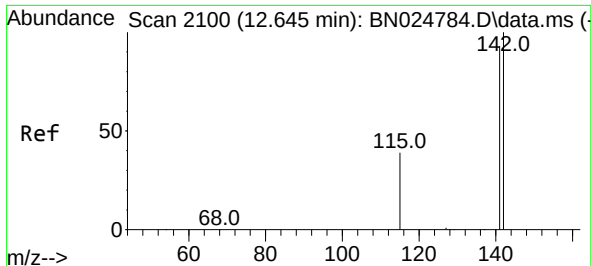


#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. 0.004 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19



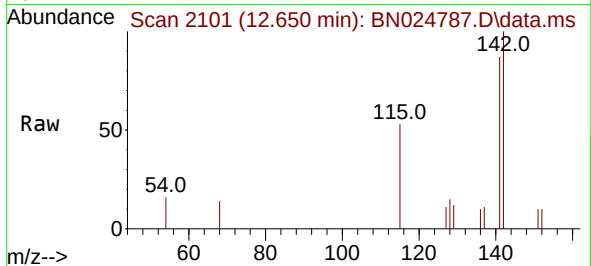
Tgt Ion:142 Resp: 1811
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.650 min Scan# 2101
Delta R.T. 0.004 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

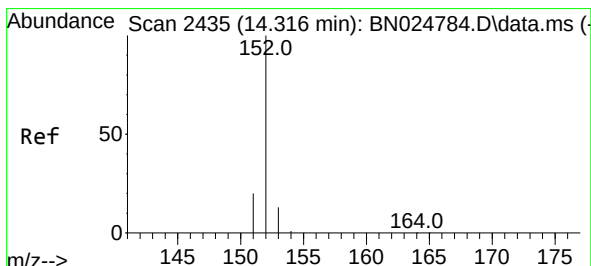
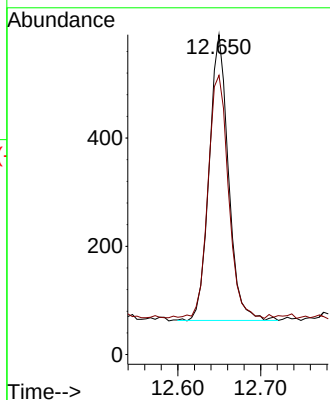
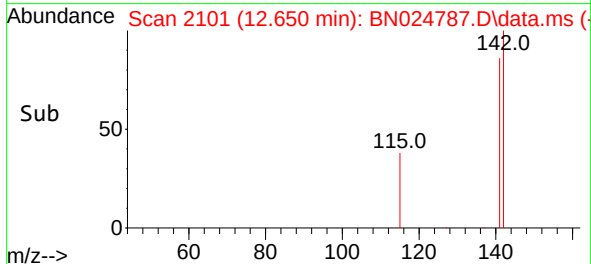
Instrument :
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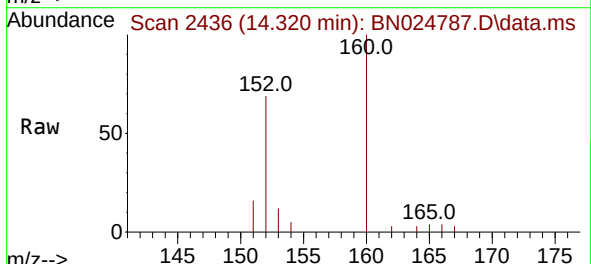
Tgt Ion:142 Resp: 854
Ion Ratio Lower Upper
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141 90.2 73.5 110.3

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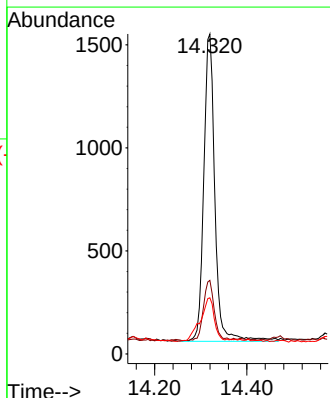
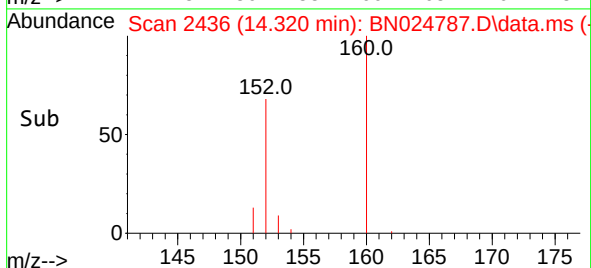
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

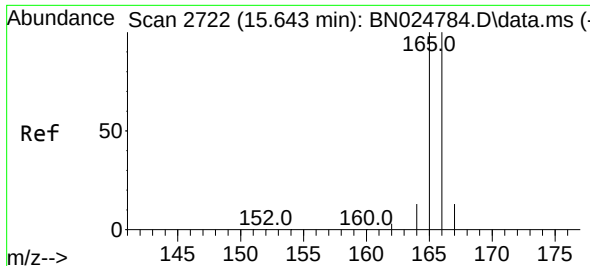


#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. 0.004 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19



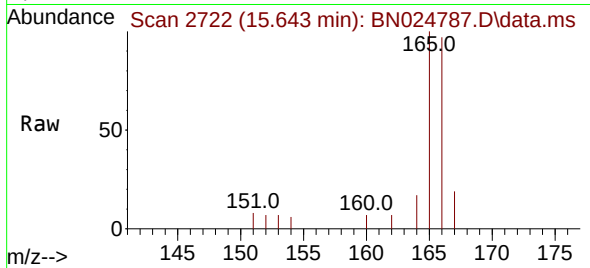
Tgt Ion:152 Resp: 2495
Ion Ratio Lower Upper
152 100
151 23.0 16.1 24.1
153 17.5 10.6 16.0#





#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

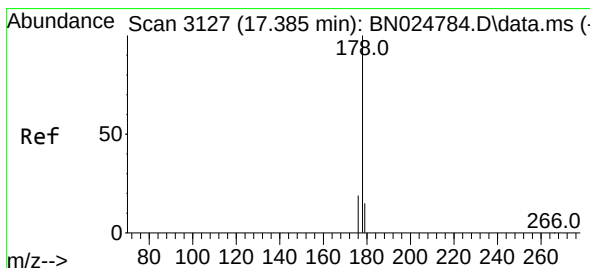
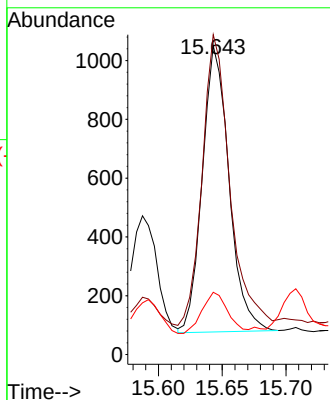
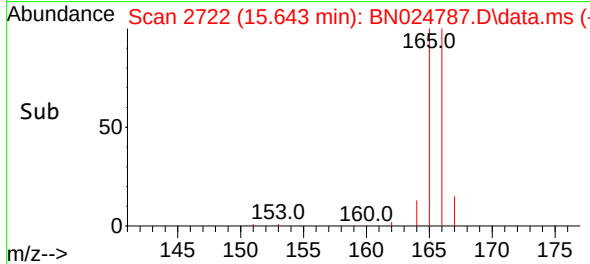
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:166 Resp: 142
Ion Ratio Lower Upper
166 100
165 103.5 80.0 120.0
167 20.2 10.8 16.2

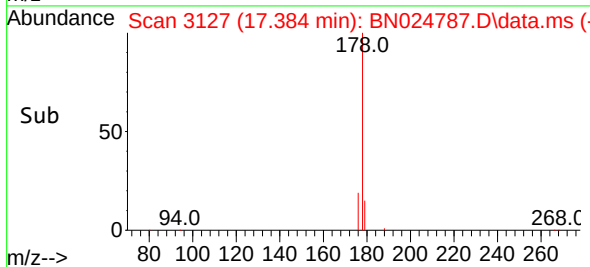
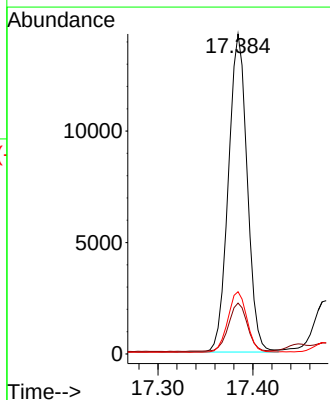
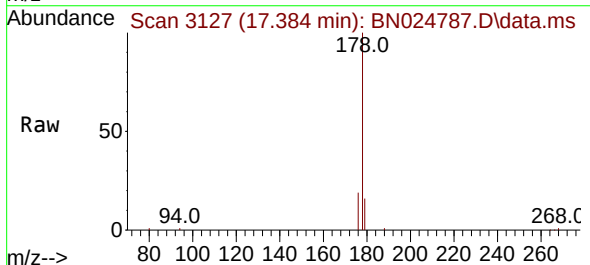
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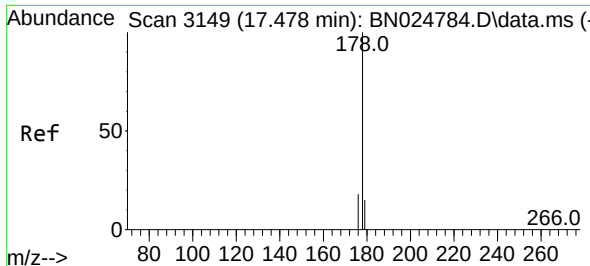
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#15
Phenanthrene
Concen: 0.232 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

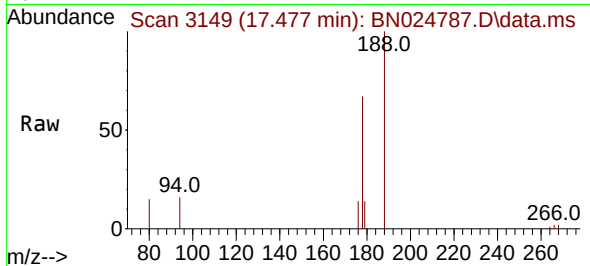
Tgt Ion:178 Resp: 19708
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.5 15.5 23.3





#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.477 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: BN024787.D
 Acq: 06 Apr 2023 19:19

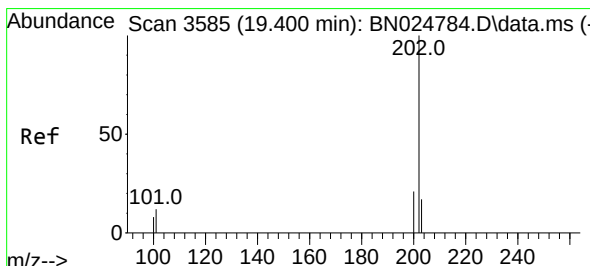
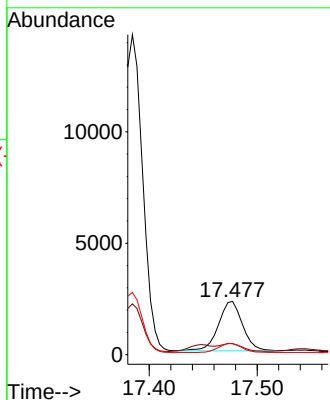
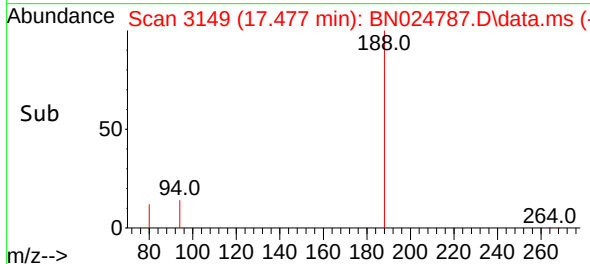
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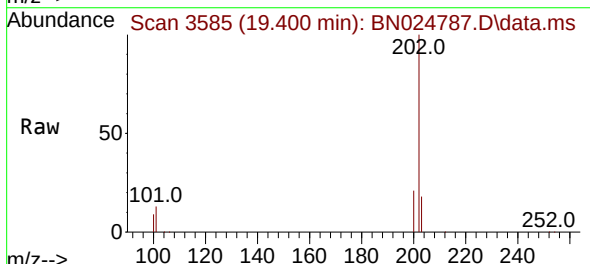
Tgt Ion:178 Resp: 343
 Ion Ratio Lower Upper
 178 100
 179 20.7 12.7 19.1
 176 20.7 15.2 22.8

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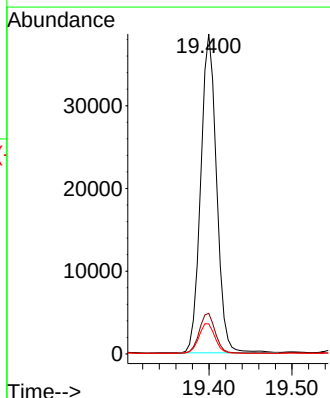
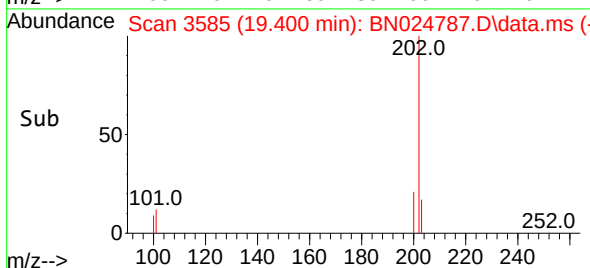
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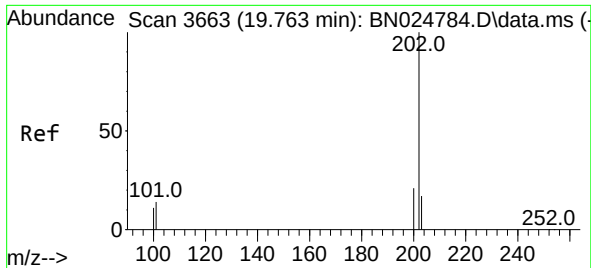


#19
 Fluoranthene
 Concen: 0.558 ng/ul
 RT: 19.400 min Scan# 3585
 Delta R.T. -0.001 min
 Lab File: BN024787.D
 Acq: 06 Apr 2023 19:19



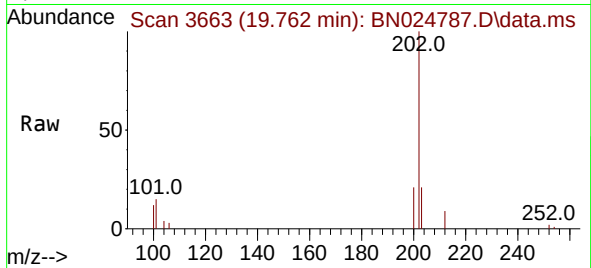
Tgt Ion:202 Resp: 51410
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.6 14.4
 100 9.4 7.0 10.6





#20
Pyrene
Concen: 0.108 ng/ul m
RT: 19.762 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

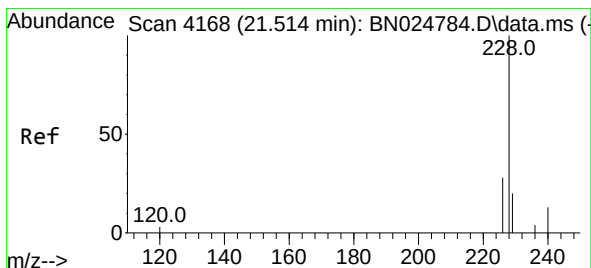
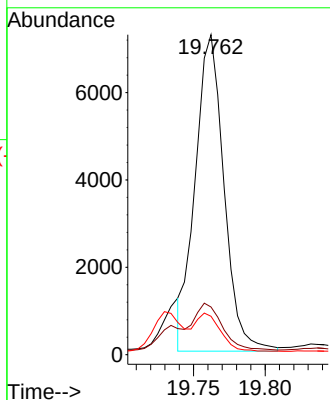
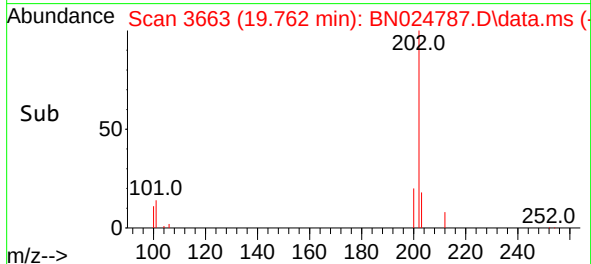
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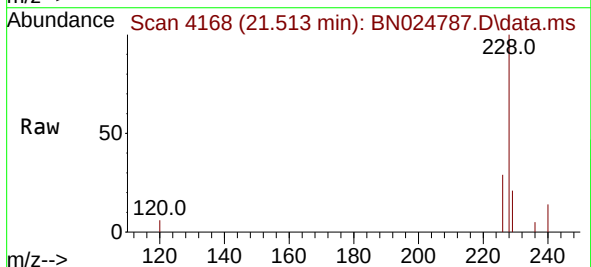
Tgt Ion:202 Resp: 1013
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
100 12.0 8.7 13.1

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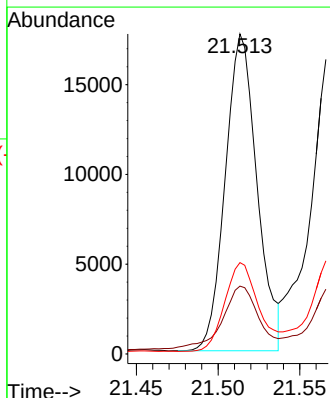
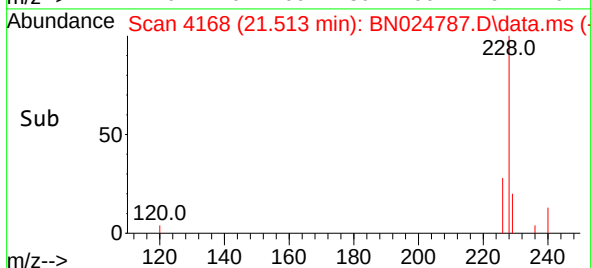
Reviewed By :Christian Giraldo 04/07/2023
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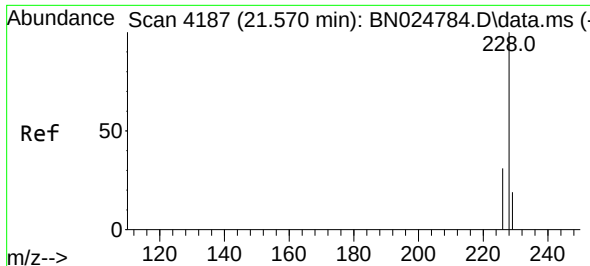


#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19



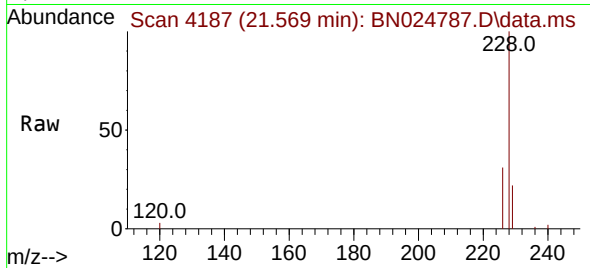
Tgt Ion:228 Resp: 23895
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.6 22.5 33.7





#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

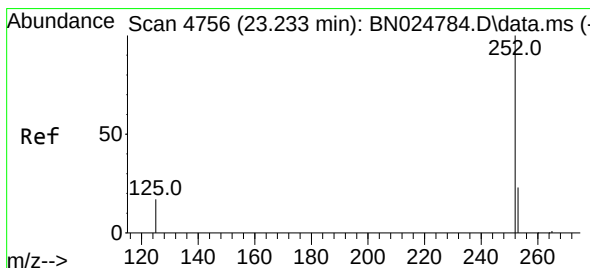
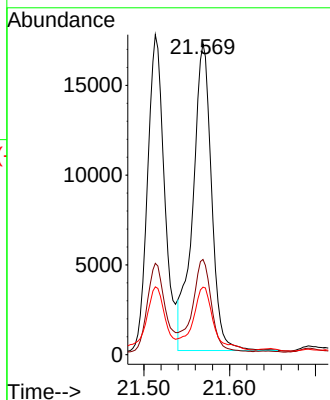
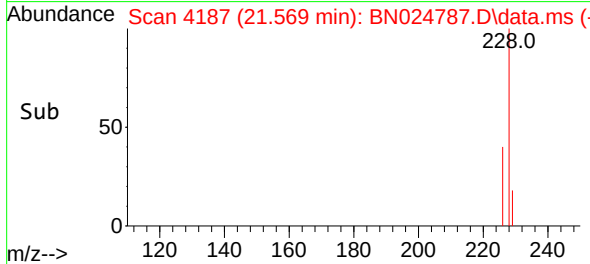
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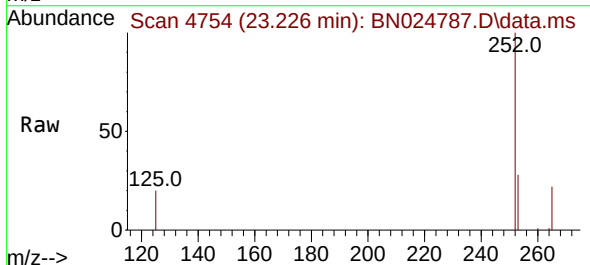
Tgt Ion:228 Resp: 25928
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.7 15.6 23.4

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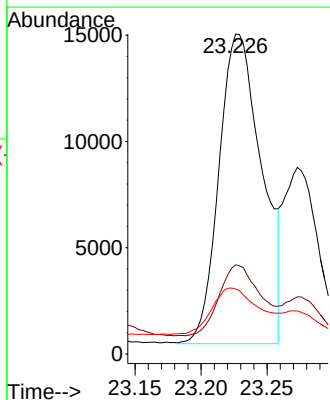
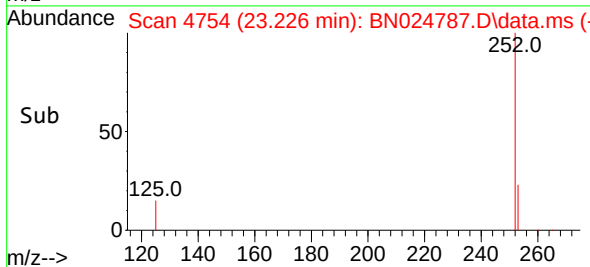
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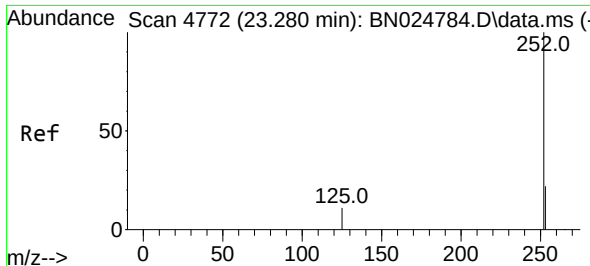


#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul m
RT: 23.226 min Scan# 4754
Delta R.T. -0.007 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19



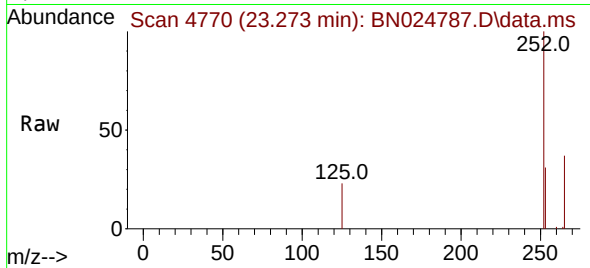
Tgt Ion:252 Resp: 32914
Ion Ratio Lower Upper
252 100
253 27.8 0.0 49.6
125 20.3 0.0 32.4





#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul m
RT: 23.273 min Scan# 4770
Delta R.T. -0.007 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

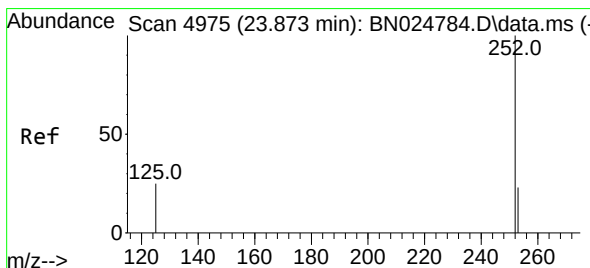
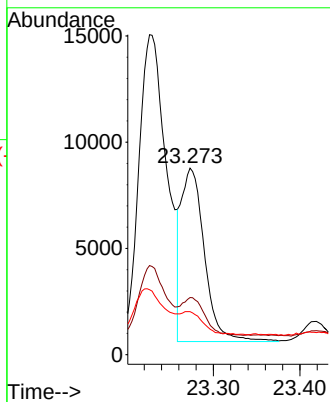
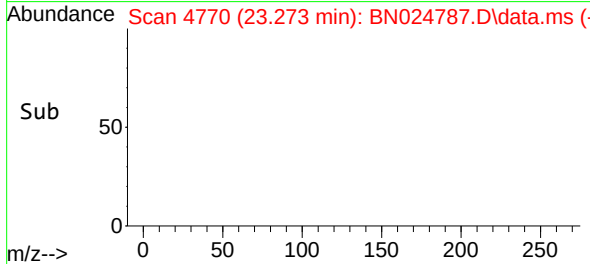
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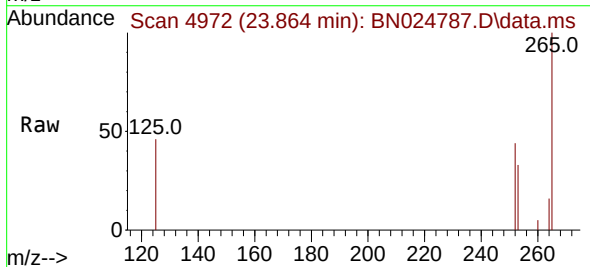
Tgt Ion:252 Resp: 15279
Ion Ratio Lower Upper
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125 23.0 13.1 19.7

Manual Integrations
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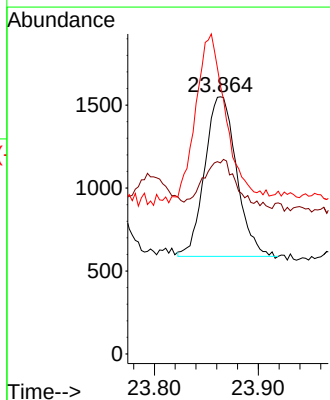
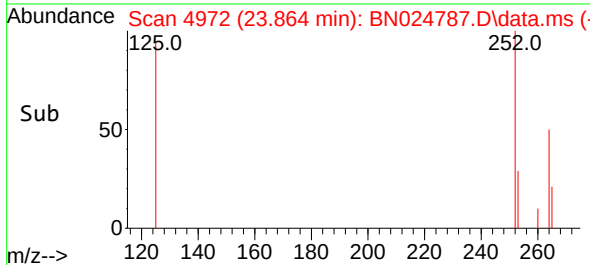
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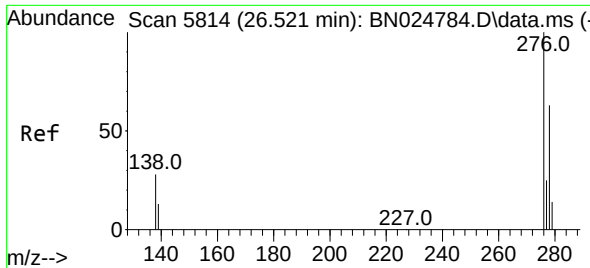


#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.864 min Scan# 4972
Delta R.T. -0.010 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19



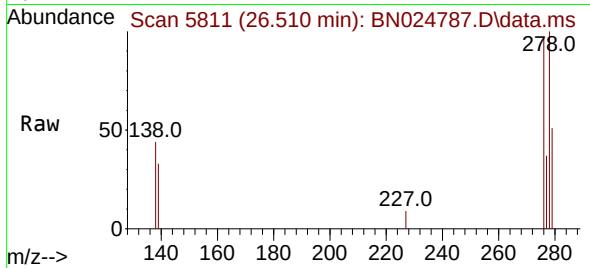
Tgt Ion:252 Resp: 2046
Ion Ratio Lower Upper
252 100
253 74.3 21.8 32.8#
125 104.2 15.4 23.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. -0.011 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

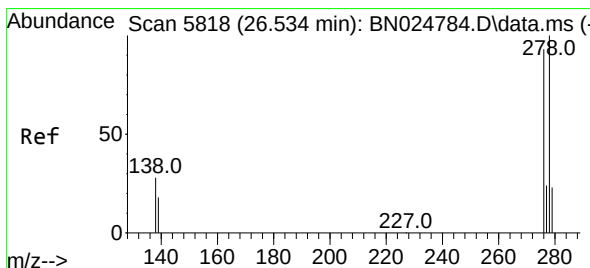
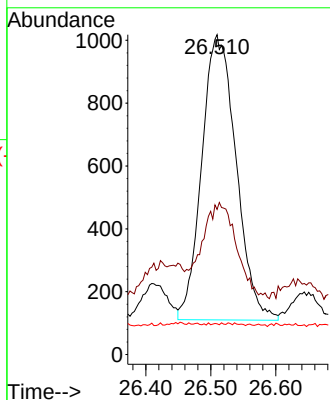
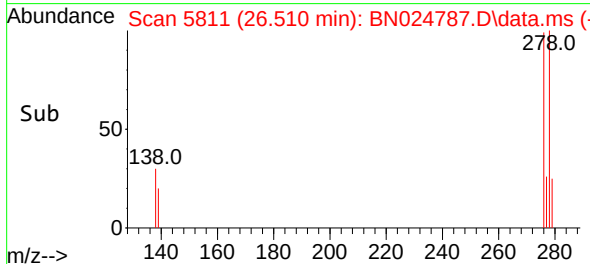
Instrument :
BNA_N
ClientSampleId :
CB948DL



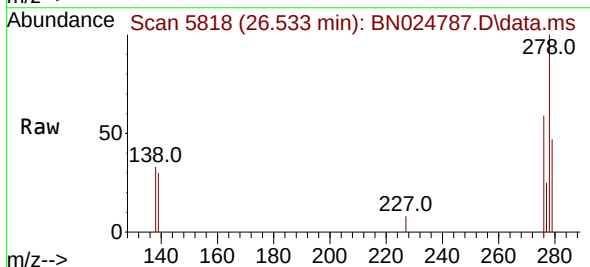
Tgt Ion:276 Resp: 333
Ion Ratio Lower Upper
276 100
138 33.0 24.6 36.8
227 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19



Tgt Ion:278 Resp: 4130
Ion Ratio Lower Upper
278 100
139 30.3 16.5 24.7#
279 47.0 21.8 32.8#

