

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026150.D
 Acq On : 01 Jul 2023 14:13
 Operator : MA/JU
 Sample : 03239-10RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY8RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:34:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	29092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	17353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	33187	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	18366	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	18630	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	12929	1.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	4258	0.095	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	7335	0.105	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	2259	0.027	ng/ul#	85
7) 2-Methylnaphthalene	12.431	142	1549	0.029	ng/ul	97
8) 1-Methylnaphthalene	12.651	142	1113	0.020	ng/ul	98
10) Acenaphthylene	14.320	152	2803	0.034	ng/ul#	86
15) Phenanthrene	17.389	178	25617	0.234	ng/ul	99
16) Anthracene	17.478	178	5489	0.056	ng/ul#	86
19) Fluoranthene	19.405	202	77255	0.788	ng/ul	95
20) Pyrene	19.768	202	62468	0.612	ng/ul	97
21) Benzo(a)anthracene	21.517	228	28958	0.382	ng/ul#	93
22) Chrysene	21.573	228	37761m	0.479	ng/ul	
24) Benzo(b)fluoranthene	23.247	252	51851m	0.652	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	20865m	0.261	ng/ul	
26) Benzo(a)pyrene	23.888	252	24473	0.354	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.578	276	23758	0.315	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.588	278	7135	0.125	ng/ul#	67
29) Benzo(g,h,i)perylene	27.376	276	5064	0.075	ng/ul#	53

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

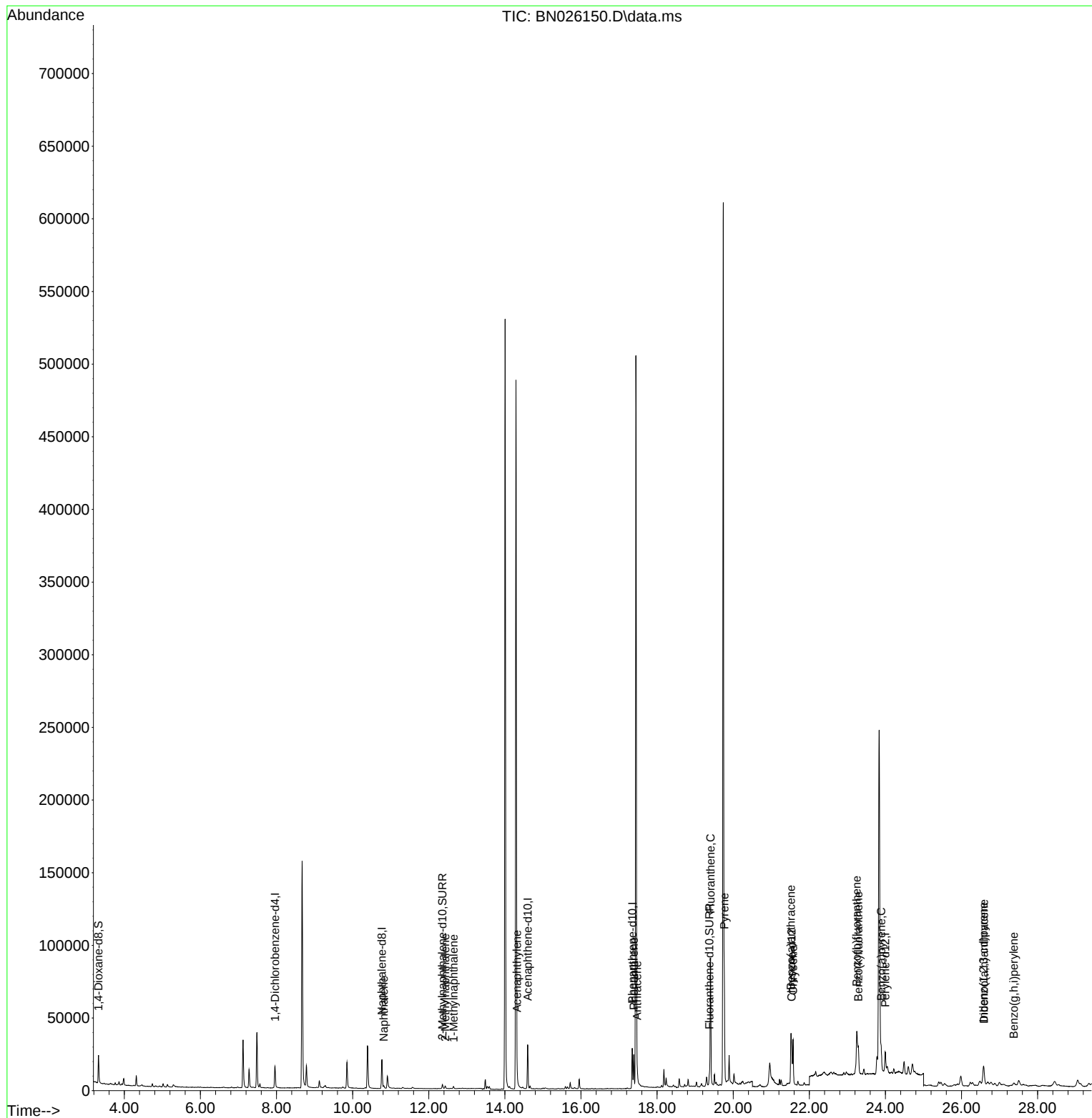
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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ALS Vial : 7 Sample Multiplier: 1

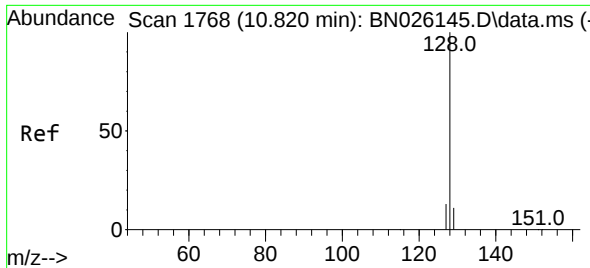
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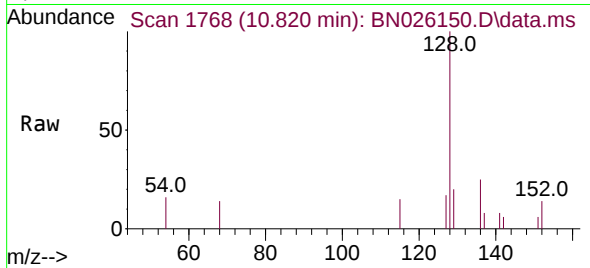
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

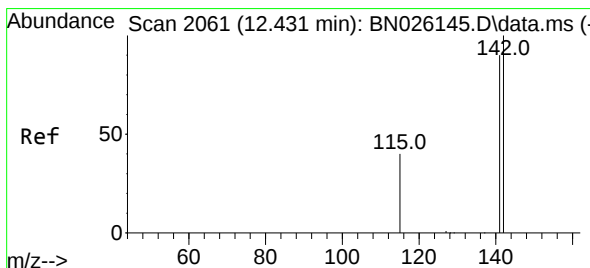
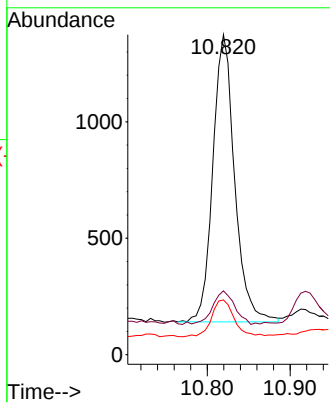
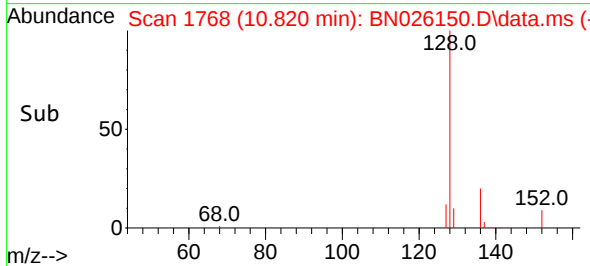
Instrument :
BNA_N
ClientSampleId :
DCFY8RE



Tgt Ion:128 Resp: 2259
Ion Ratio Lower Upper
128 100
129 19.9 9.1 13.7
127 17.1 10.7 16.1

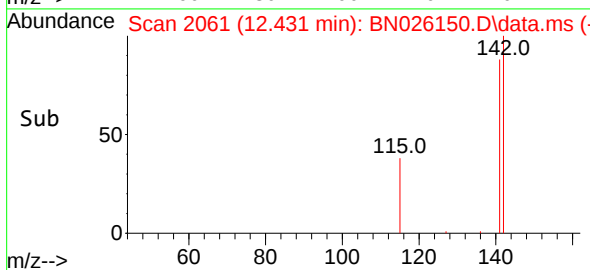
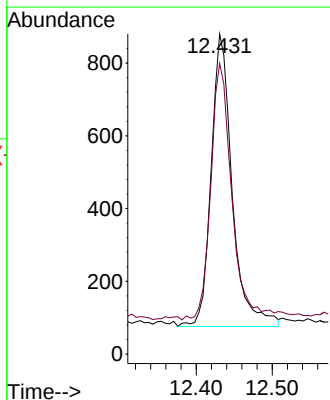
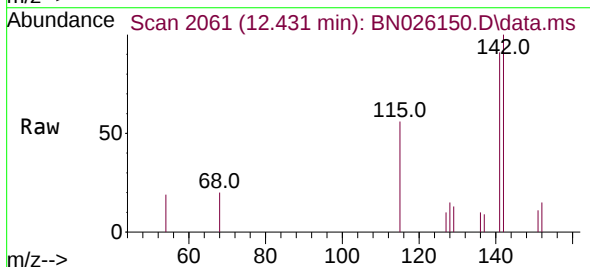
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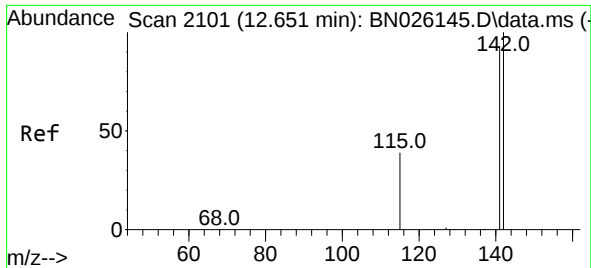
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

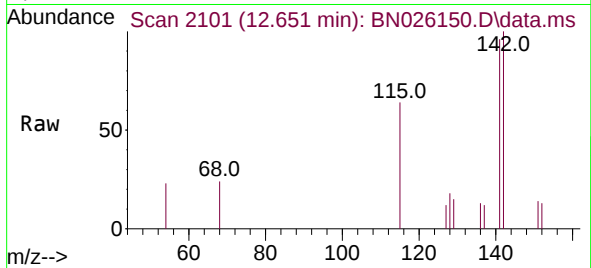
Tgt Ion:142 Resp: 1549
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

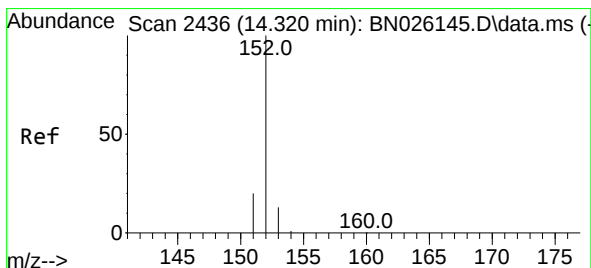
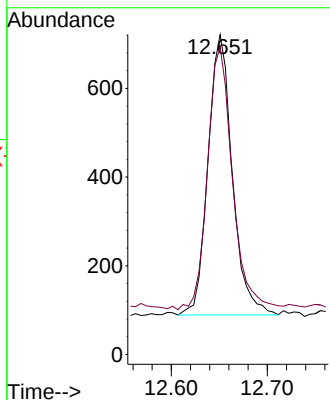
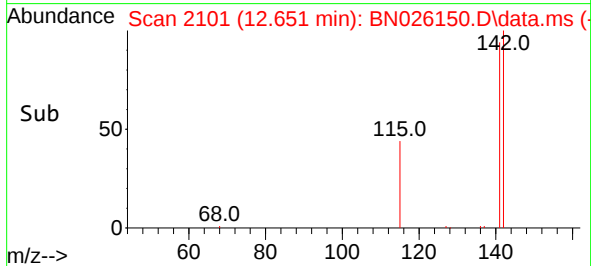
Instrument :
BNA_N
ClientSampleId :
DCFY8RE



Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
141 94.7 74.2 111.4

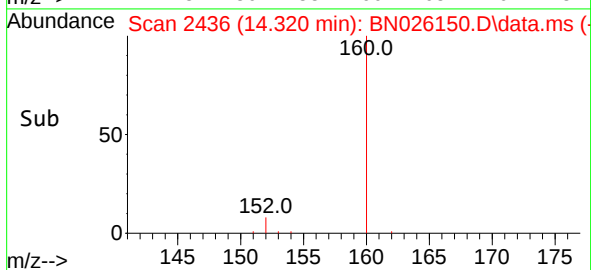
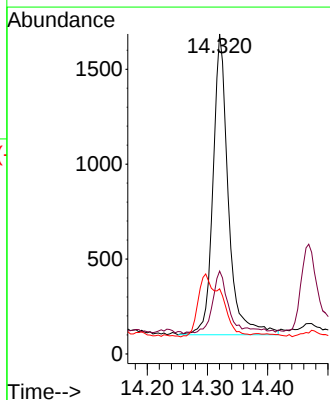
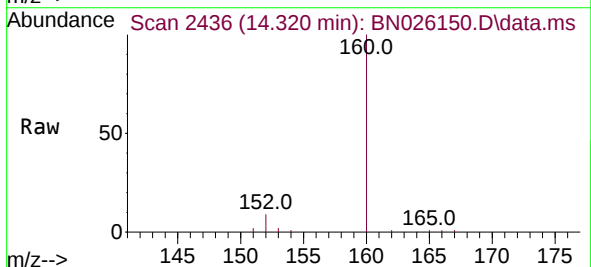
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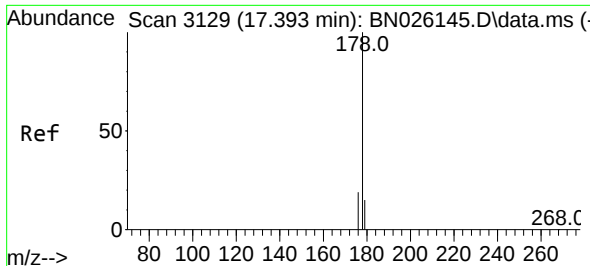
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

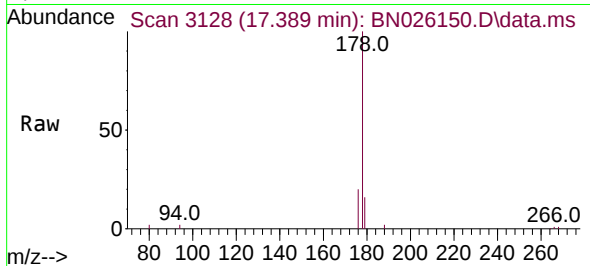
Tgt Ion:152 Resp: 2803
Ion Ratio Lower Upper
152 100
151 25.9 16.2 24.4#
153 20.3 10.9 16.3#





#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

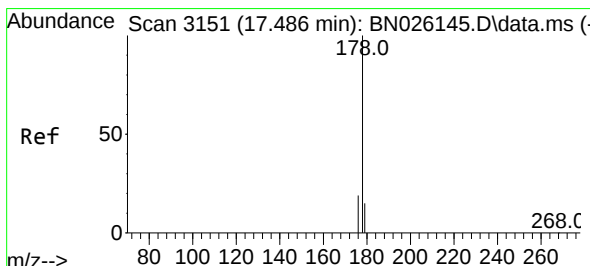
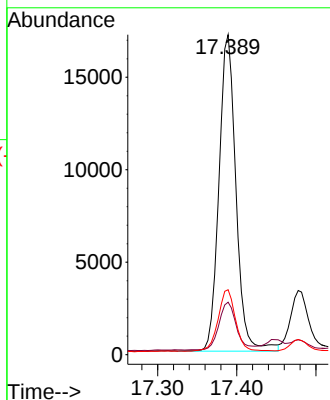
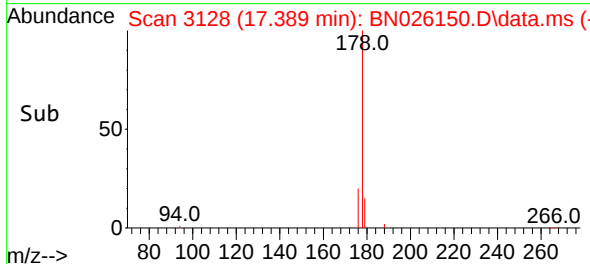
Instrument :
BNA_N
ClientSampleId :
DCFY8RE



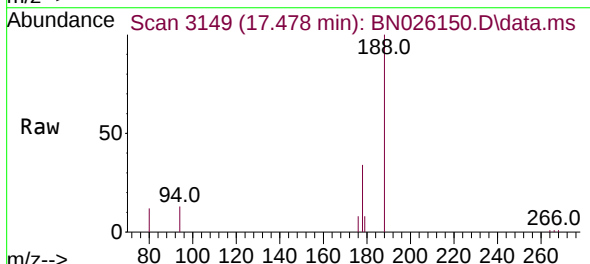
Tgt Ion:178 Resp: 2561
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.3 15.8 23.6

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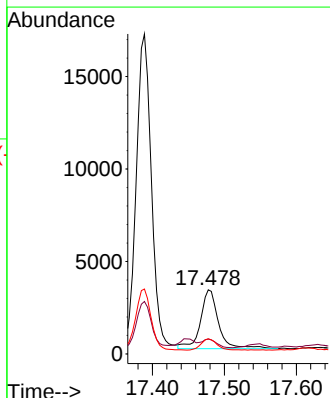
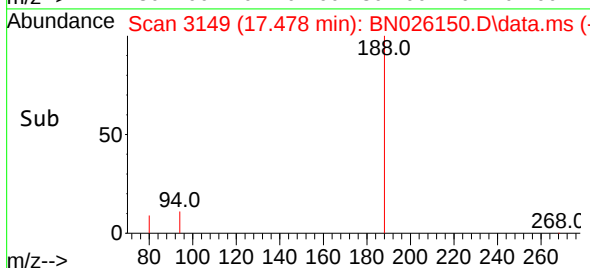
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

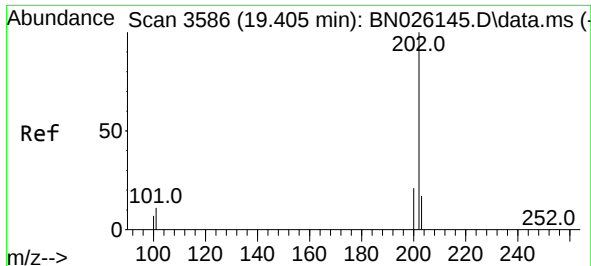


#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13



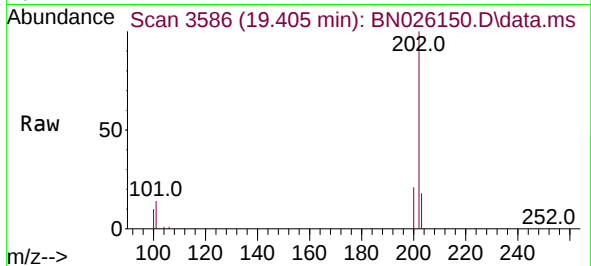
Tgt Ion:178 Resp: 5489
Ion Ratio Lower Upper
178 100
179 23.1 12.6 18.8#
176 23.7 15.1 22.7#





#19
Fluoranthene
Concen: 0.788 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

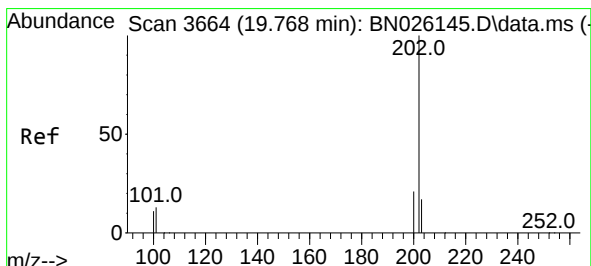
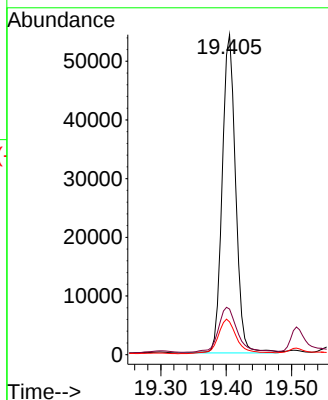
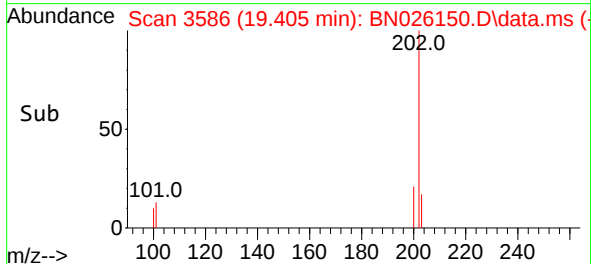
Instrument :
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ClientSampleId :
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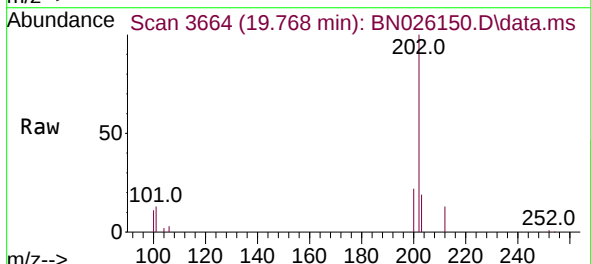
Tgt Ion:202 Resp: 7725
Ion Ratio Lower Upper
202 100
101 14.3 9.5 14.3
100 10.2 7.3 10.9

Manual Integrations
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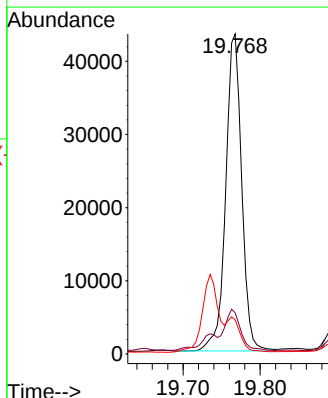
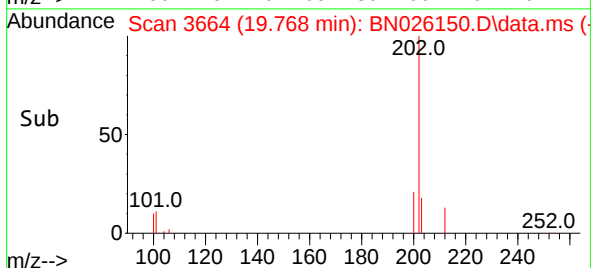
Reviewed By :Yogesh Patel 07/02/2023
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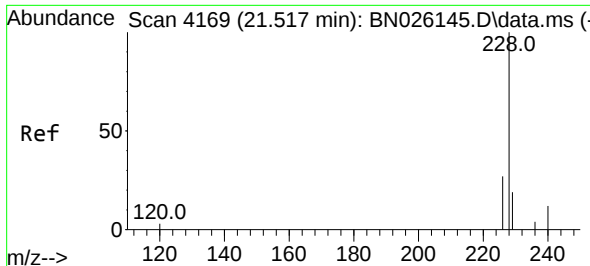


#20
Pyrene
Concen: 0.612 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13



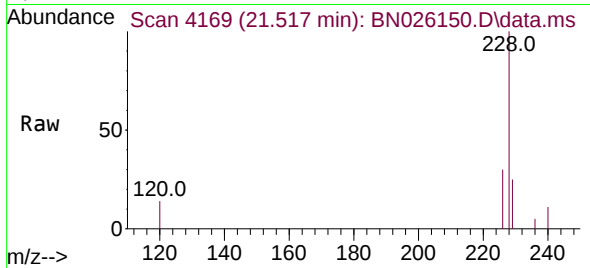
Tgt Ion:202 Resp: 62468
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.010 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

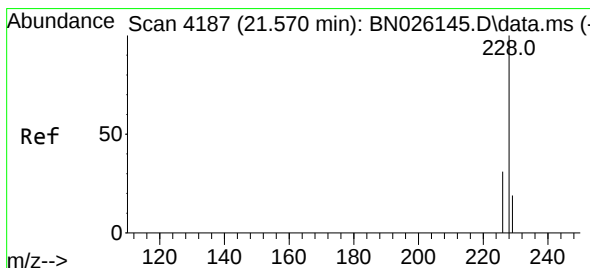
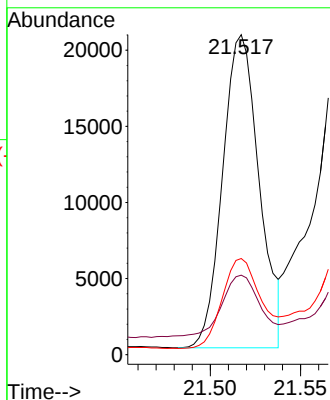
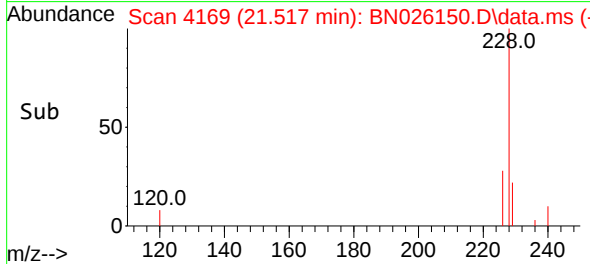
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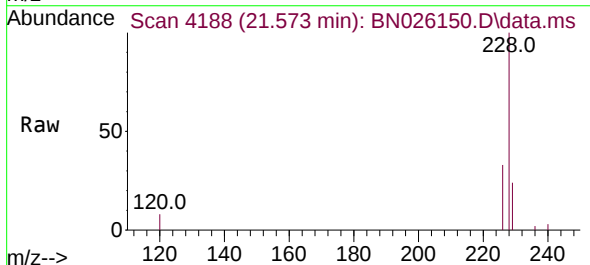
Tgt Ion:228 Resp: 28958
Ion Ratio Lower Upper
228 100
229 24.9 15.8 23.6
226 30.0 22.5 33.7

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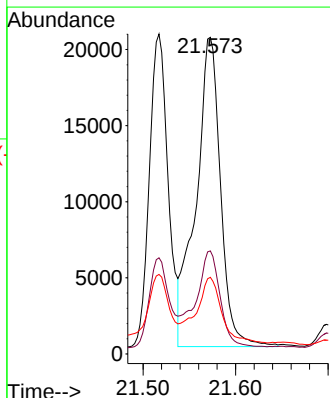
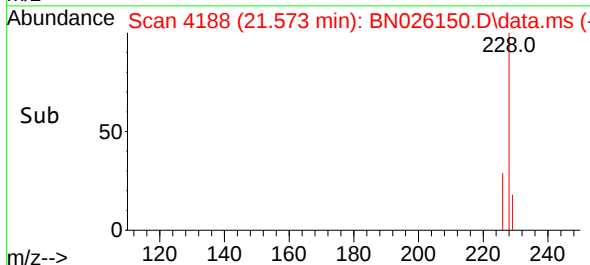
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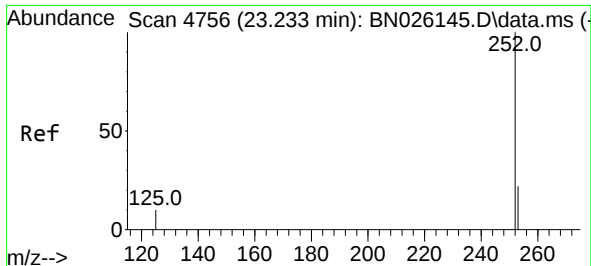


#22
Chrysene
Concen: 0.479 ng/ul m
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13



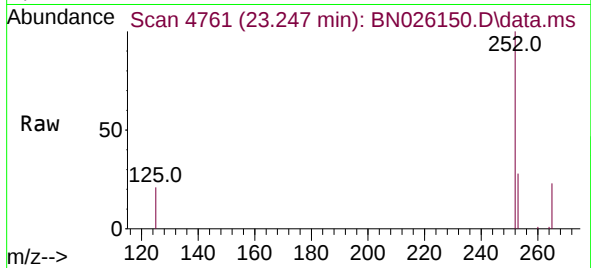
Tgt Ion:228 Resp: 37761
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 24.2 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.652 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

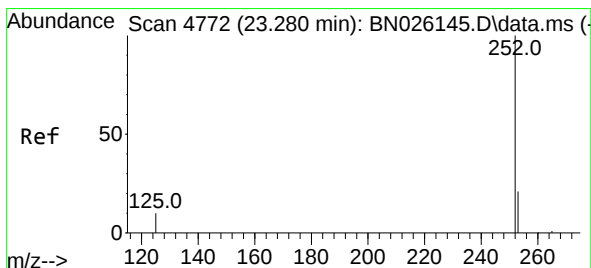
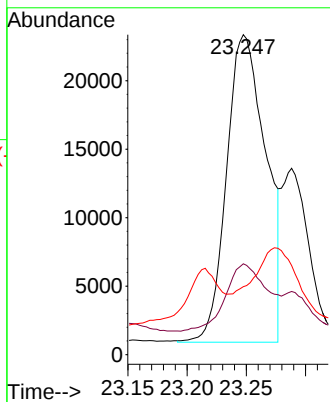
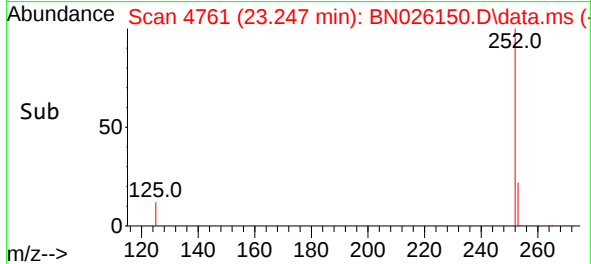
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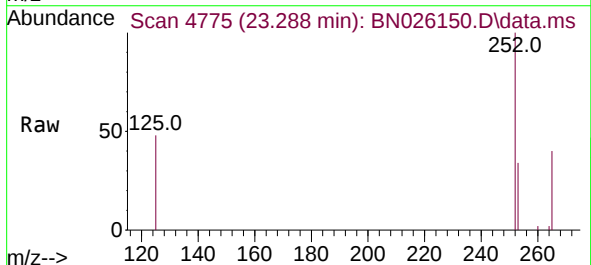
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Ion Ratio Lower Upper
252 100
253 28.4 0.0 55.6
125 21.3 0.0 35.8

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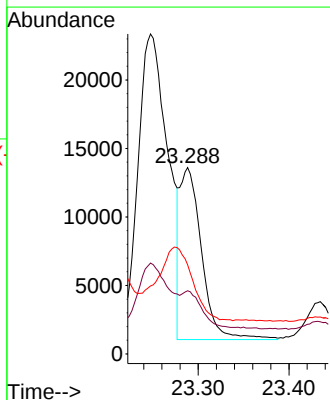
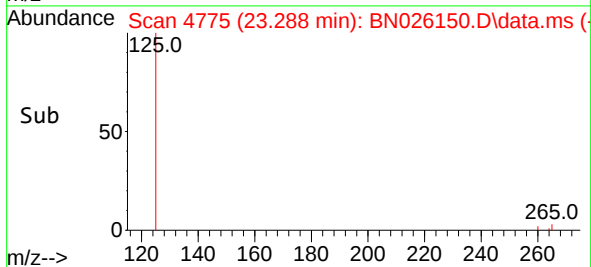
Reviewed By :Yogesh Patel 07/02/2023
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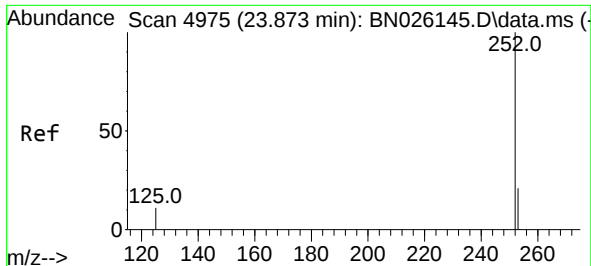


#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13



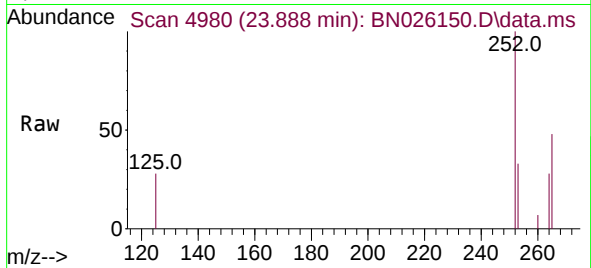
Tgt Ion:252 Resp: 20865
Ion Ratio Lower Upper
252 100
253 33.9 23.2 34.8
125 47.8 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.888 min Scan# 4975
Delta R.T. 0.002 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

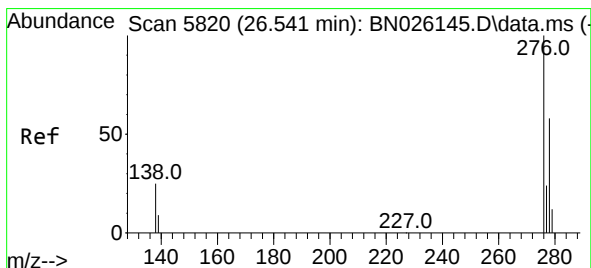
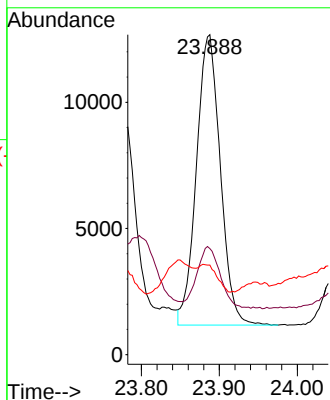
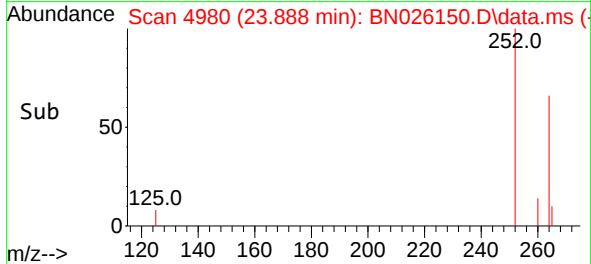
Instrument :
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DCFY8RE



Tgt Ion:252 Resp: 2447
Ion Ratio Lower Upper
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125 28.0 17.3 25.9

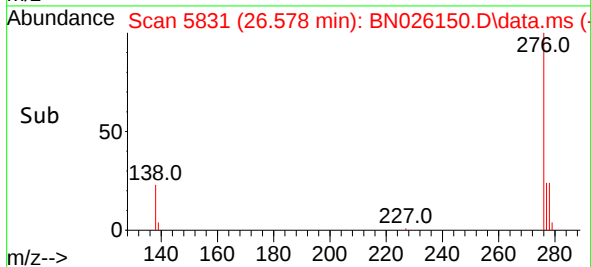
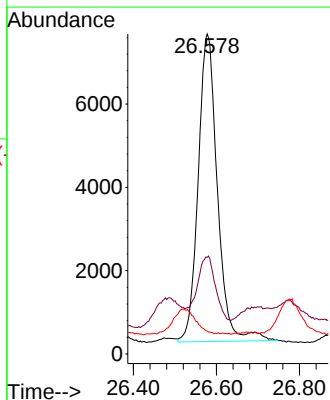
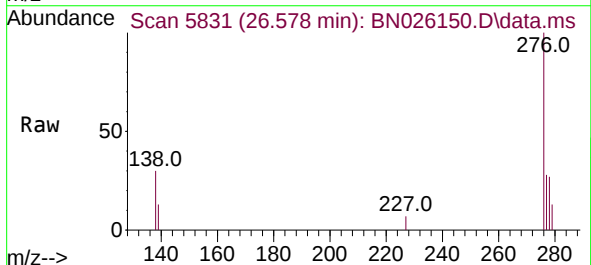
Manual Integrations
APPROVED

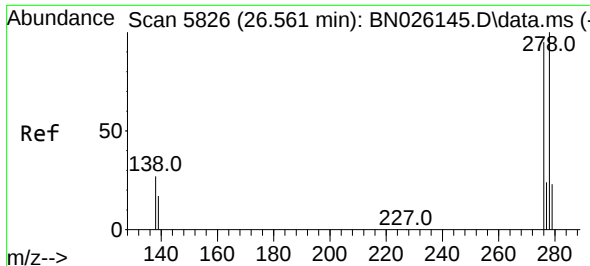
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. 0.019 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

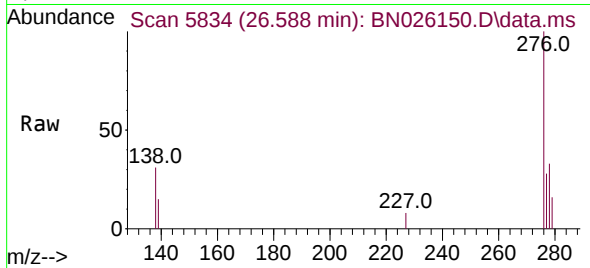
Tgt Ion:276 Resp: 23758
Ion Ratio Lower Upper
276 100
138 18.8 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. 0.009 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

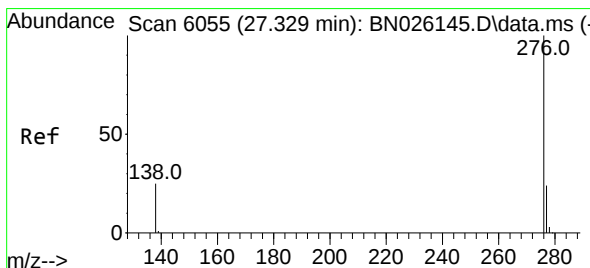
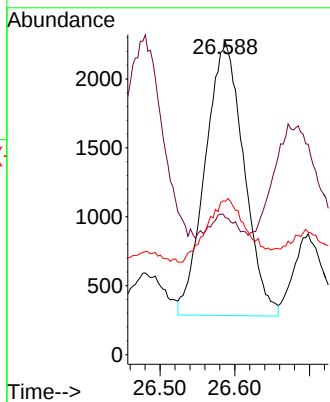
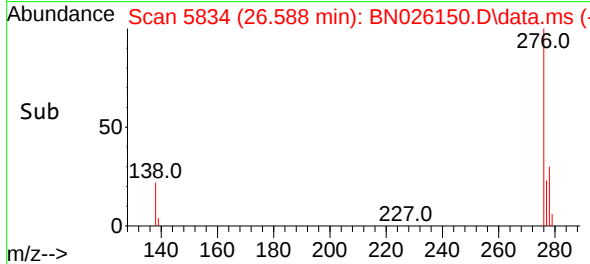
Instrument :
BNA_N
ClientSampleId :
DCFY8RE



Tgt Ion:278 Resp: 713
Ion Ratio Lower Upper
278 100
139 43.8 19.0 28.4
279 49.1 26.7 40.1

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.075 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. 0.029 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

Tgt Ion:276 Resp: 5064
Ion Ratio Lower Upper
276 100
138 62.3 23.4 35.0#
277 39.4 20.0 30.0#

