

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026201.D
 Acq On : 02 Jul 2023 23:06
 Operator : MA/JU
 Sample : 03244-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 06:28:09 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	7.955	152	8105	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25097	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14977	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	29112	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	18358	0.400	ng/ul	# 0.00
23) Perylene-d12	24.010	264	41447	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	19375	2.123	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	6059	0.157	ng/ul	-0.01
18) Fluoranthene-d10	19.382	212	11126	0.159	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.814	128	41607	0.578	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	31297	0.683	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	29012	0.611	ng/ul	100
10) Acenaphthylene	14.320	152	79223	1.130	ng/ul	99
11) Acenaphthene	14.658	153	395652	6.897	ng/ul	99
12) Fluorene	15.643	166	442475	6.727	ng/ul	99
15) Phenanthrene	17.397	178	8998775	93.582	ng/ul	98
16) Anthracene	17.482	178	2676404	31.314	ng/ul	100
19) Fluoranthene	19.419	202	16361178	166.860	ng/ul	97
20) Pyrene	19.786	202	13958330	136.863	ng/ul#	93
21) Benzo(a)anthracene	21.526	228	7805961	103.073	ng/ul	96
22) Chrysene	21.584	228	8243396	104.610	ng/ul#	94
24) Benzo(b)fluoranthene	23.274	252	11225597m	63.456	ng/ul	
25) Benzo(k)fluoranthene	23.309	252	4022820m	22.646	ng/ul	
26) Benzo(a)pyrene	23.923	252	7060945	45.956	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.635	276	5368270	31.988	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.635	278	1533347m	12.072	ng/ul	
29) Benzo(g,h,i)perylene	27.433	276	4763565	31.908	ng/ul#	92

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

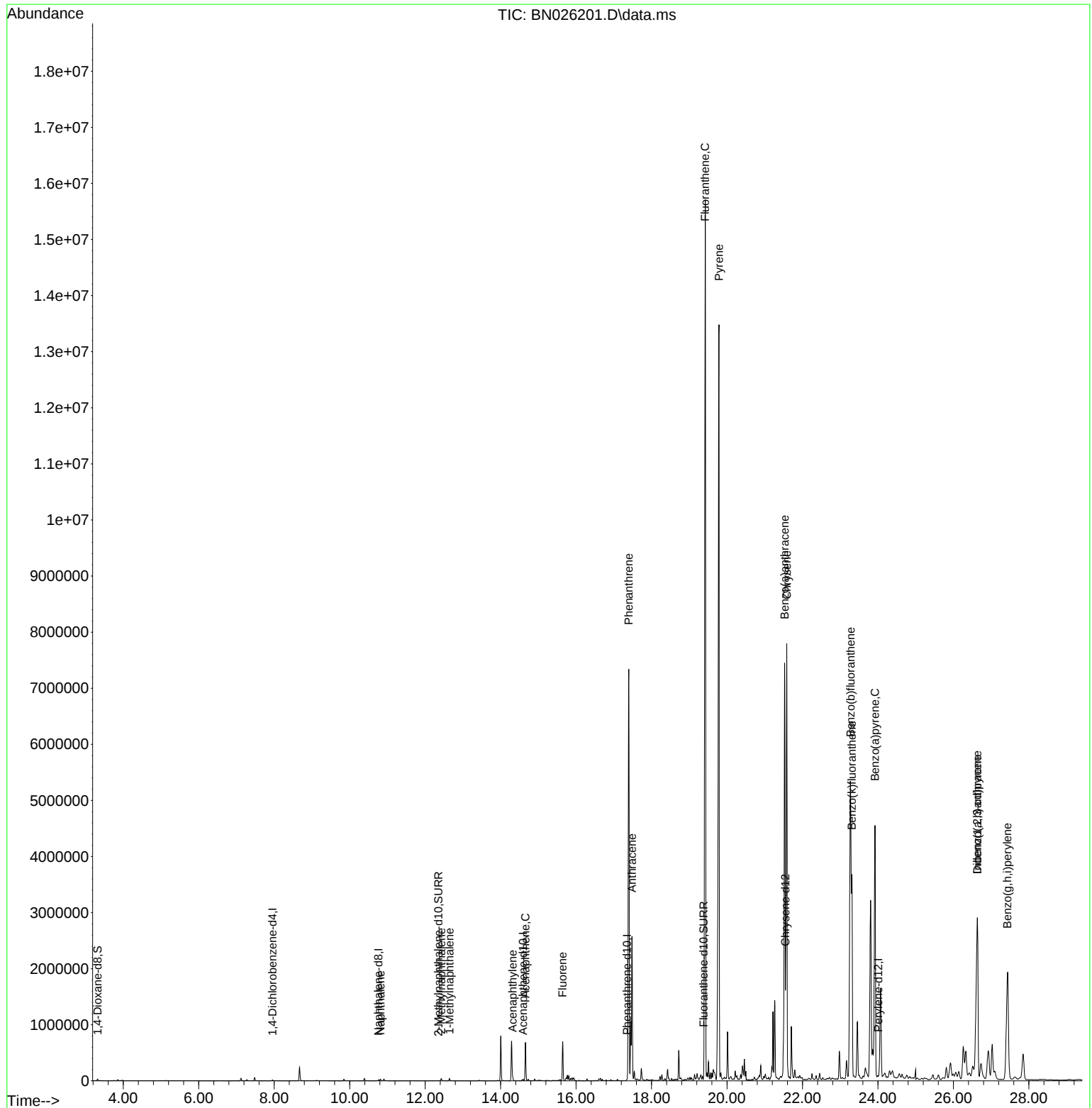
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026201.D
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ALS Vial : 58 Sample Multiplier: 1

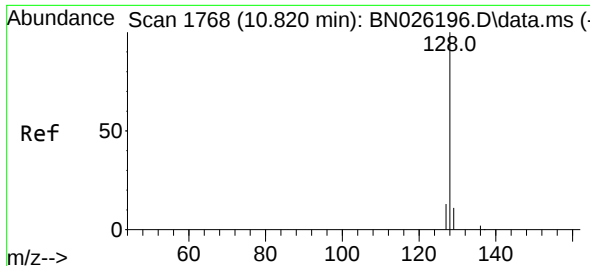
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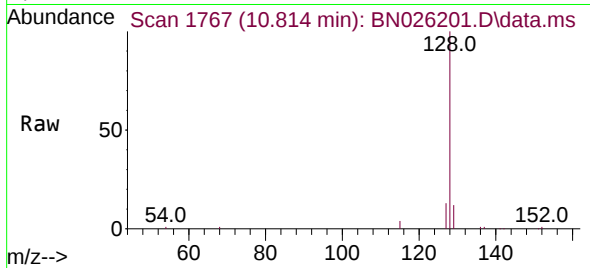
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.578 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

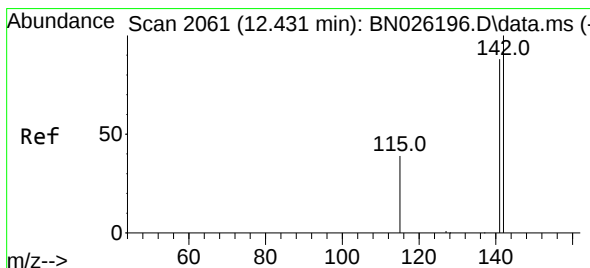
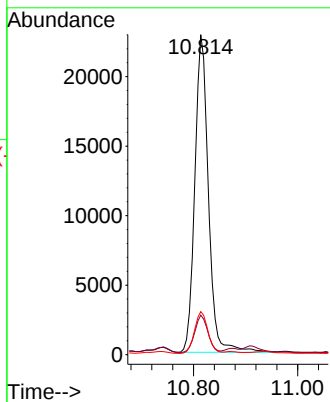
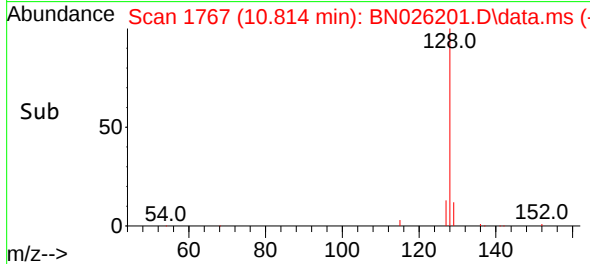
Instrument :
BNA_N
ClientSampleId :
DCGE6



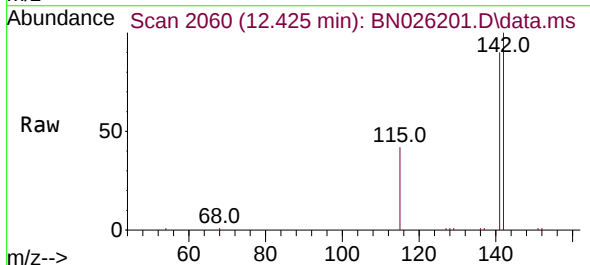
Tgt Ion:128 Resp: 4160
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.4 10.7 16.1

Manual Integrations
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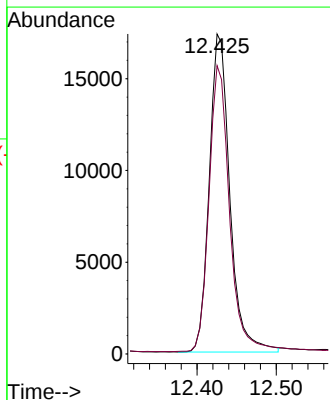
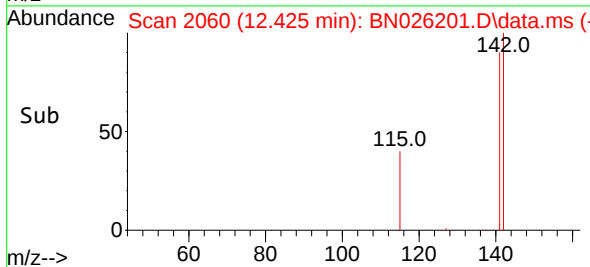
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

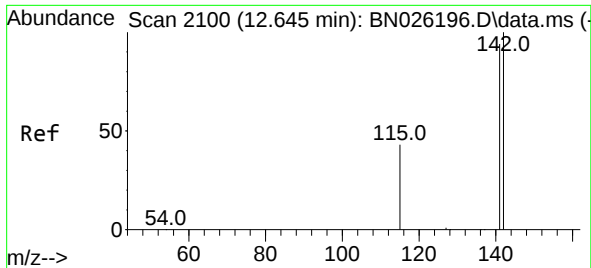


#7
2-Methylnaphthalene
Concen: 0.683 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06



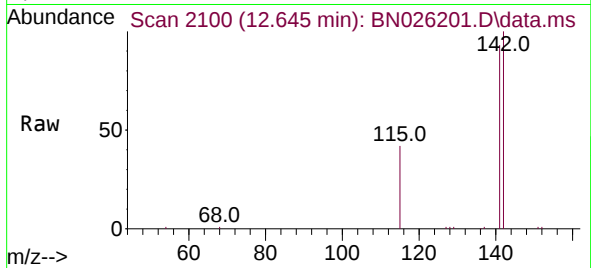
Tgt Ion:142 Resp: 31297
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.611 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

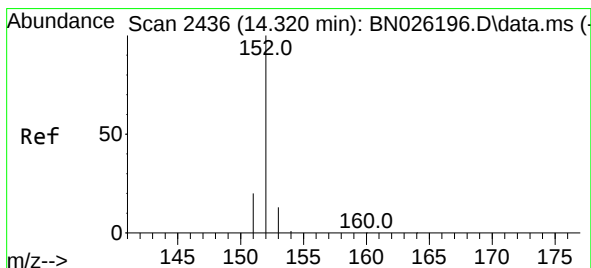
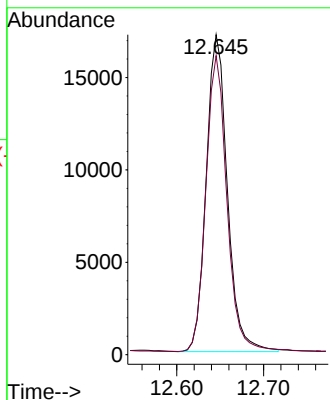
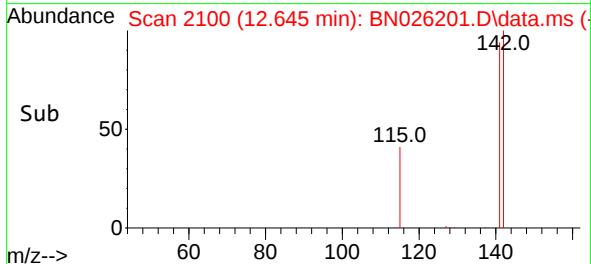
Instrument :
BNA_N
ClientSampleId :
DCGE6



Tgt Ion:142 Resp: 2901
Ion Ratio Lower Upper
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141 92.7 74.2 111.4

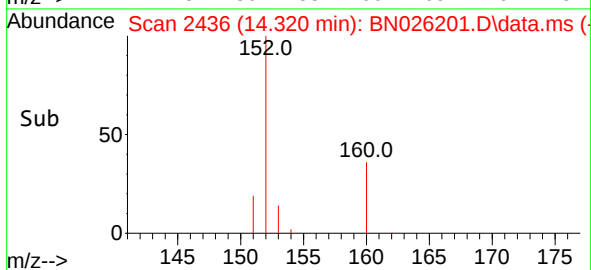
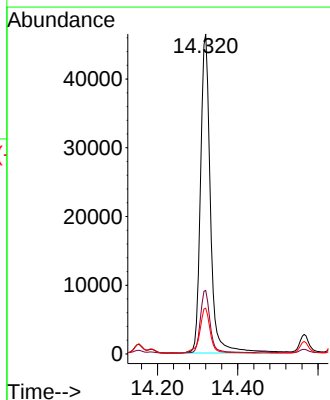
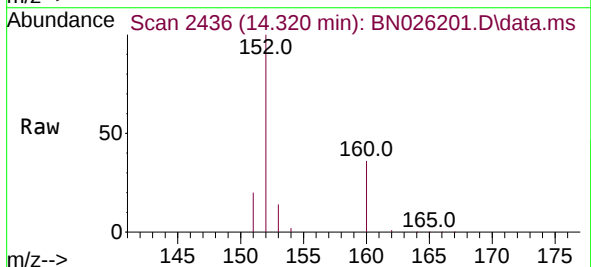
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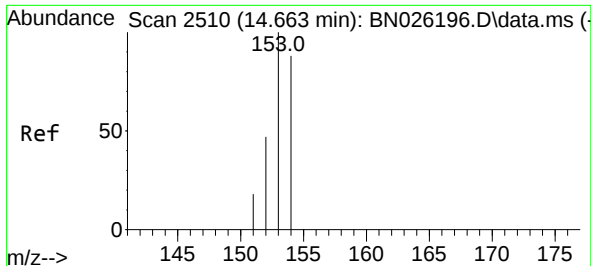
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 1.130 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

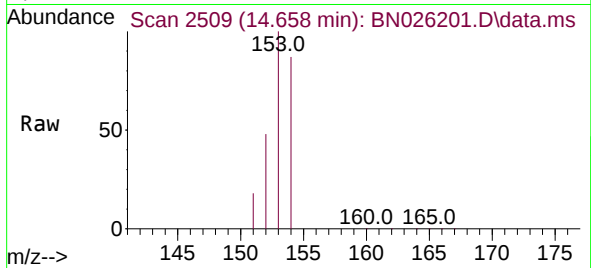
Tgt Ion:152 Resp: 79223
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 6.897 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

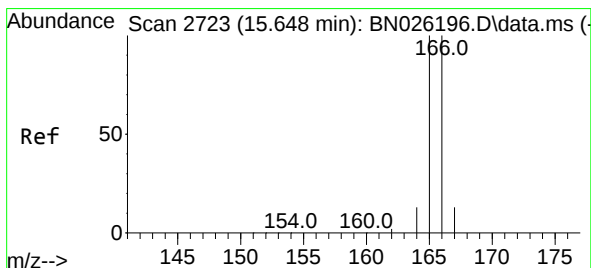
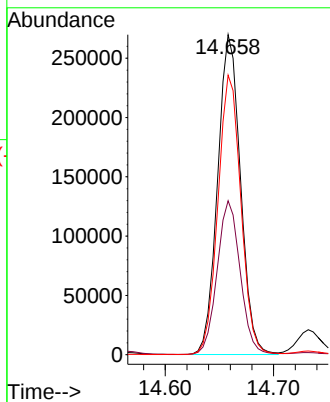
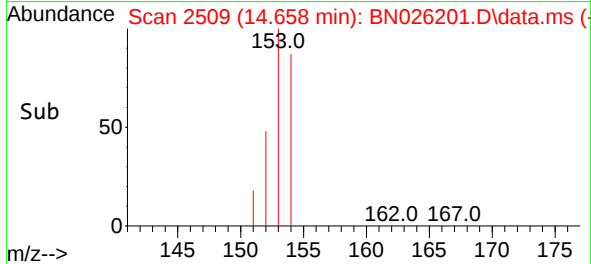
Instrument :
BNA_N
ClientSampleId :
DCGE6



Tgt Ion:153 Resp: 395652
Ion Ratio Lower Upper
153 100
152 48.1 39.4 59.0
154 87.3 68.9 103.3

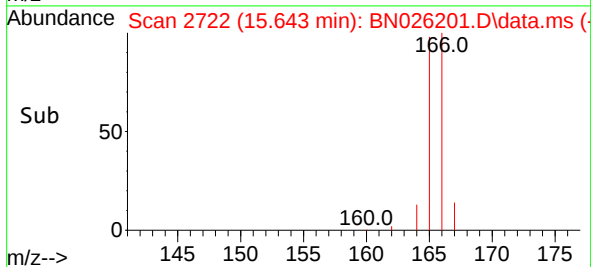
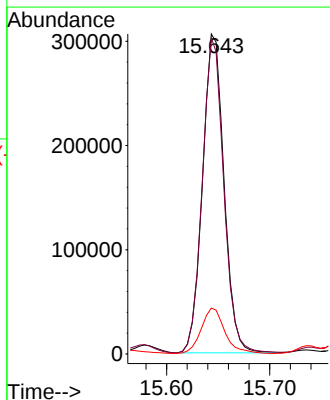
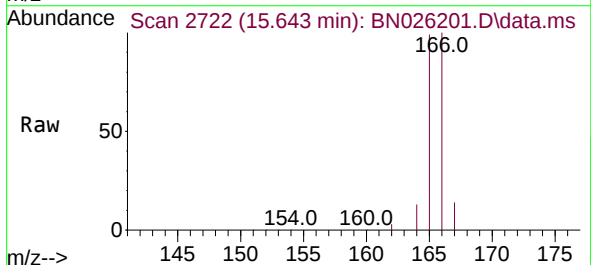
Manual Integrations
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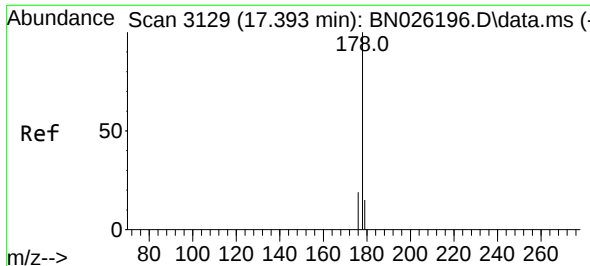
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 6.727 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

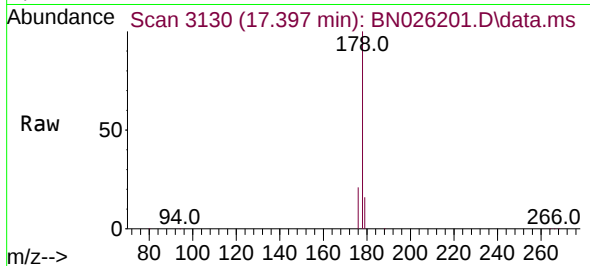
Tgt Ion:166 Resp: 442475
Ion Ratio Lower Upper
166 100
165 98.7 79.9 119.9
167 14.4 10.8 16.2





#15
Phenanthrene
Concen: 93.582 ng/ul
RT: 17.397 min Scan# 3129
Delta R.T. 0.003 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

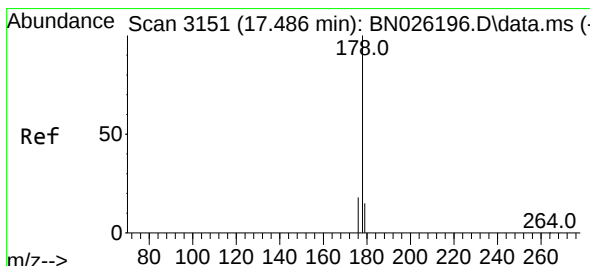
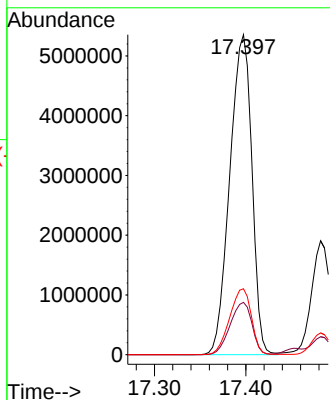
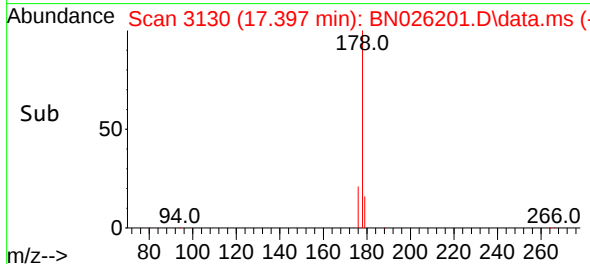
Instrument :
BNA_N
ClientSampleId :
DCGE6



Tgt Ion:178 Resp: 8998775
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.6 15.8 23.6

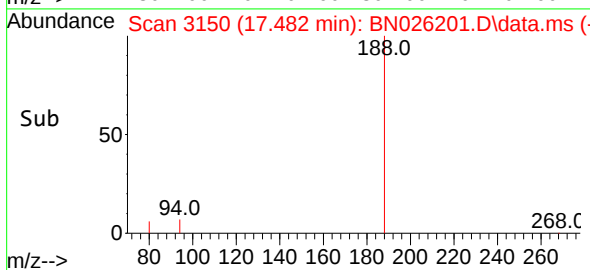
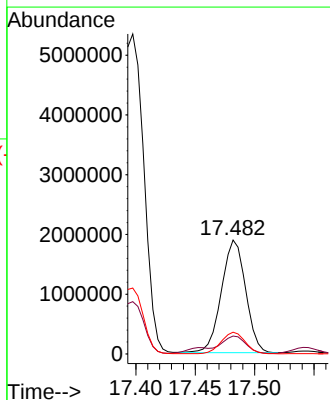
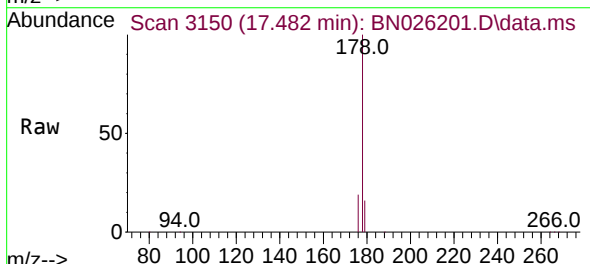
Manual Integrations
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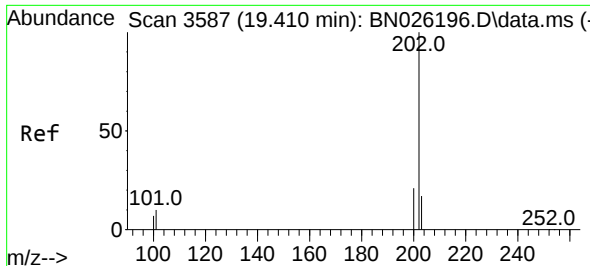
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 31.314 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

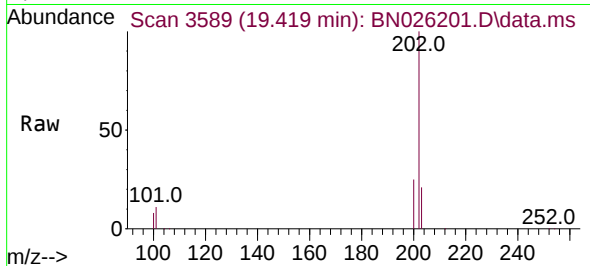
Tgt Ion:178 Resp: 2676404
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.1 22.7





#19
Fluoranthene
Concen: 166.860 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. 0.008 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

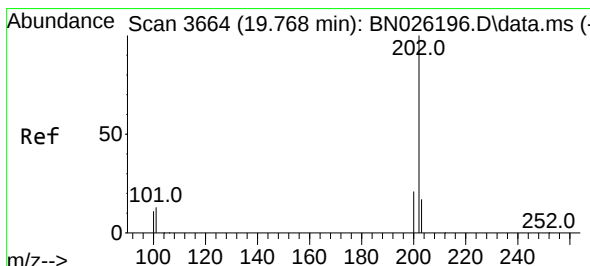
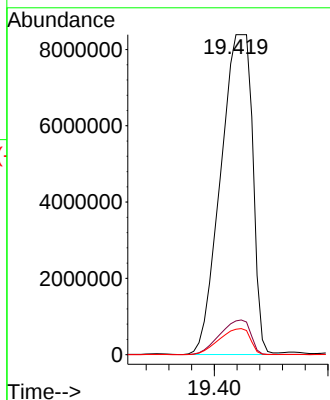
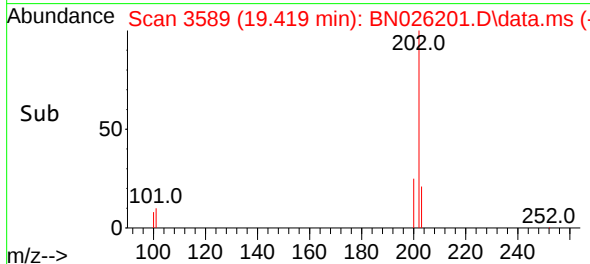
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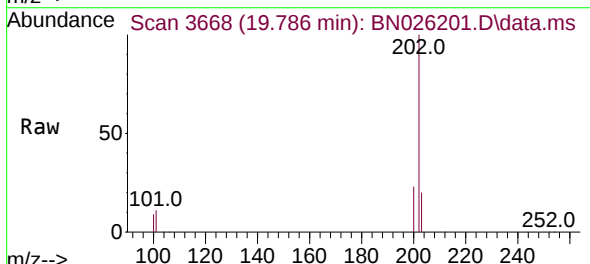
Tgt Ion:202 Resp:16361178
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9

Manual Integrations
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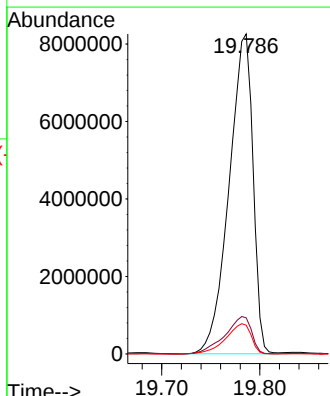
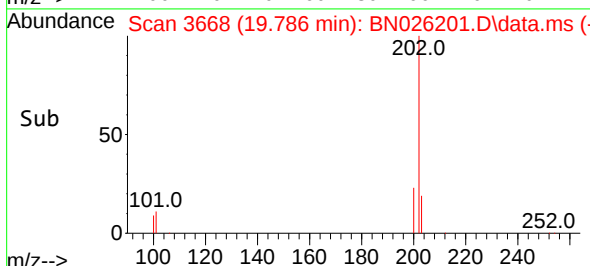
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

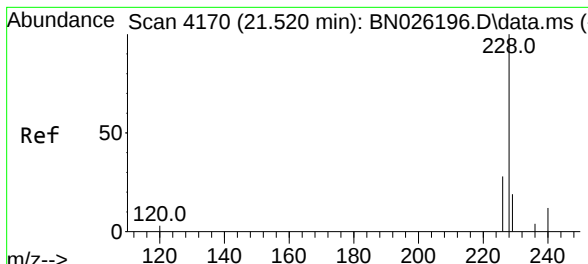


#20
Pyrene
Concen: 136.863 ng/ul
RT: 19.786 min Scan# 3668
Delta R.T. 0.013 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06



Tgt Ion:202 Resp:13958330
Ion Ratio Lower Upper
202 100
101 11.3 11.4 17.0#
100 9.0 9.1 13.7#





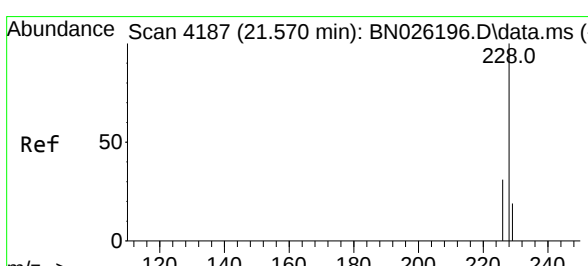
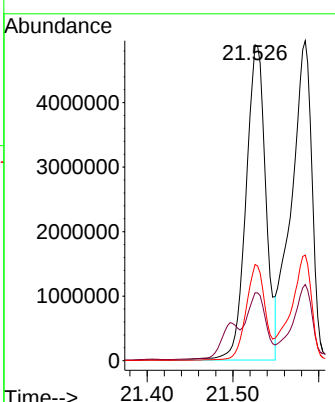
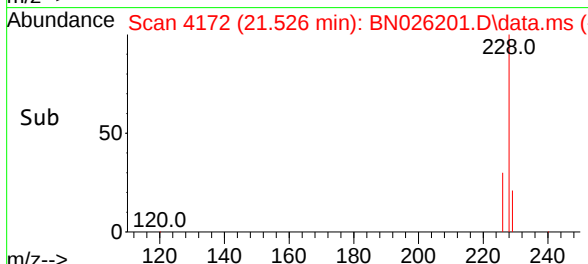
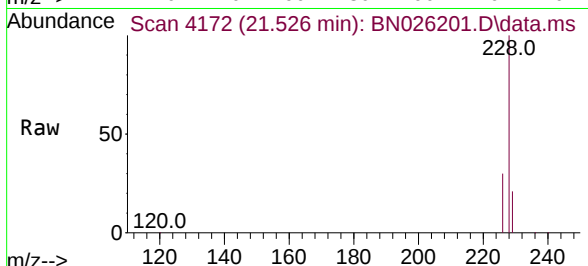
#21
 Benzo(a)anthracene
 Concen: 103.073 ng/u1
 RT: 21.526 min Scan# 4170
 Delta R.T. -0.001 min
 Lab File: BN026201.D
 Acq: 02 Jul 2023 23:06

Instrument :
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Tgt Ion:228 Resp: 780596

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	30.5	22.5	33.7

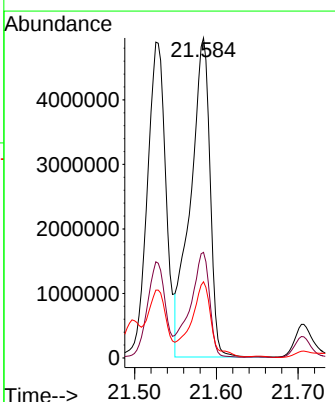
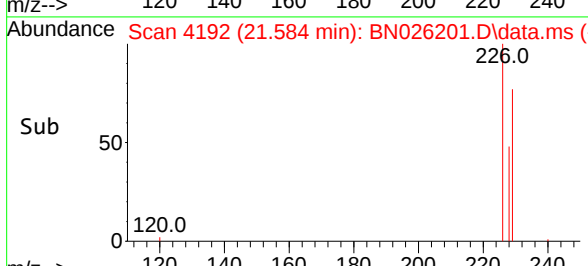
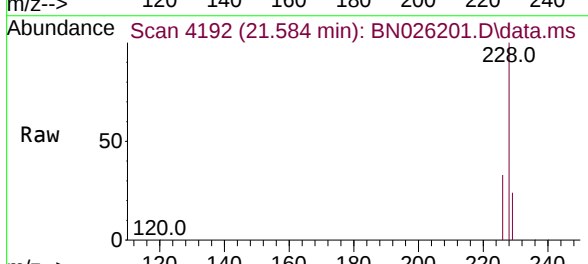
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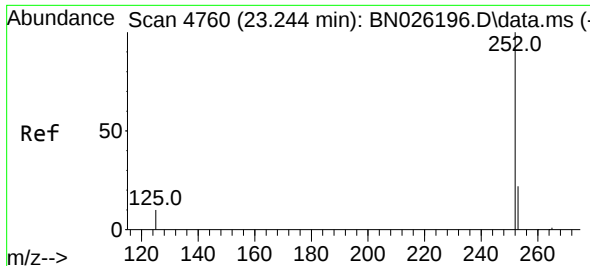


#22
 Chrysene
 Concen: 104.610 ng/u1
 RT: 21.584 min Scan# 4192
 Delta R.T. 0.005 min
 Lab File: BN026201.D
 Acq: 02 Jul 2023 23:06

Tgt Ion:228 Resp: 8243396

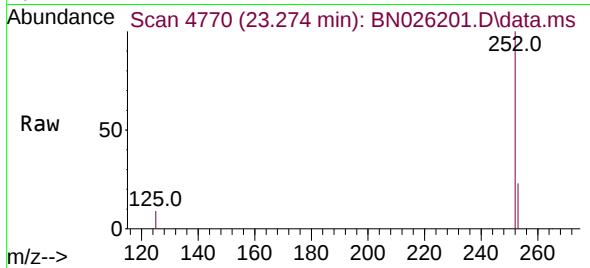
Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.8	37.2
229	23.8	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 63.456 ng/ul m
RT: 23.274 min Scan# 4770
Delta R.T. 0.031 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

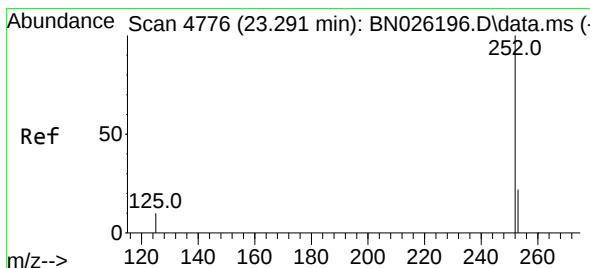
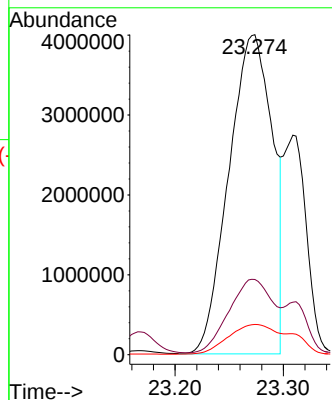
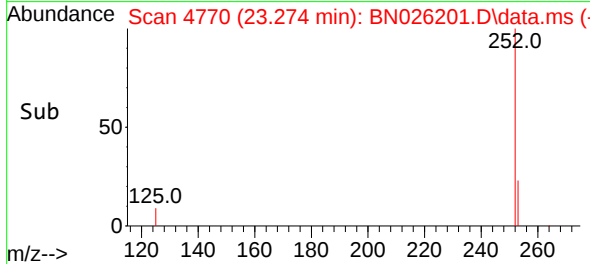
Instrument :
BNA_N
ClientSampleId :
DCGE6



Tgt Ion:252 Resp:1122559
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 9.5 0.0 35.8

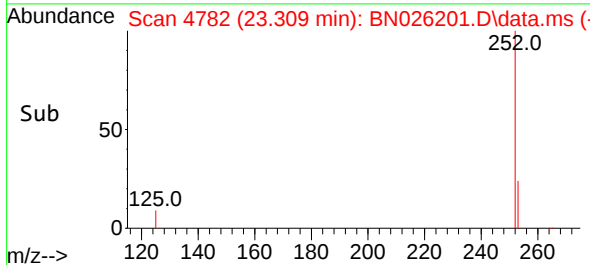
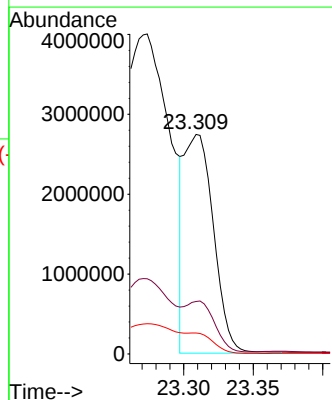
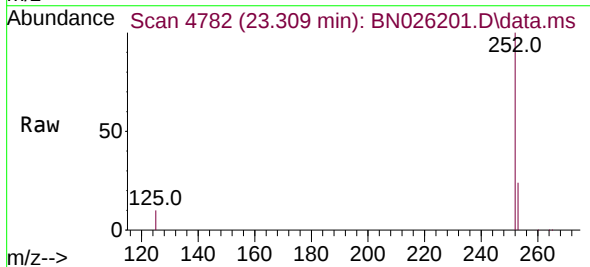
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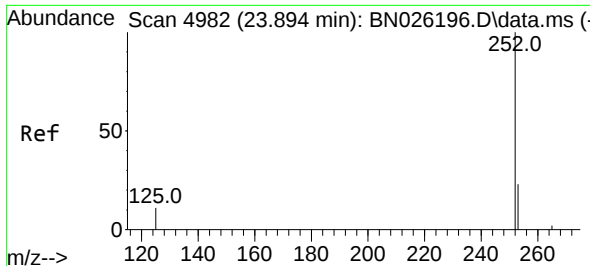
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 22.646 ng/ul m
RT: 23.309 min Scan# 4782
Delta R.T. 0.017 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

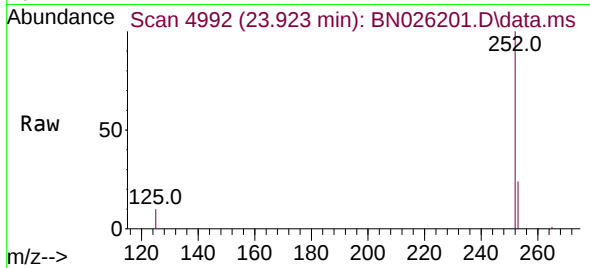
Tgt Ion:252 Resp: 4022820
Ion Ratio Lower Upper
252 100
253 23.9 23.2 34.8
125 9.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 45.956 ng/ul
RT: 23.923 min Scan# 4992
Delta R.T. 0.037 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

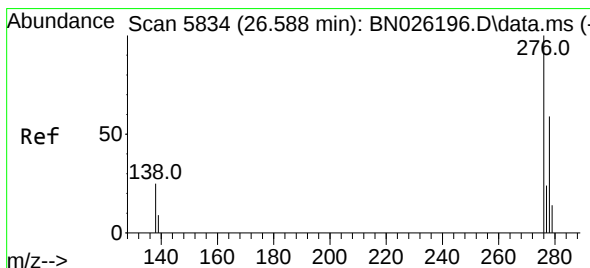
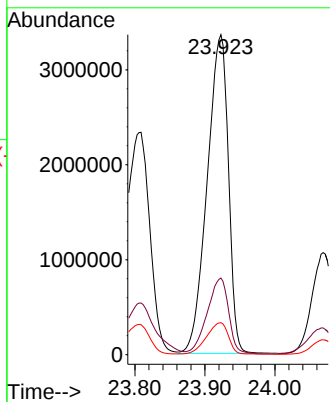
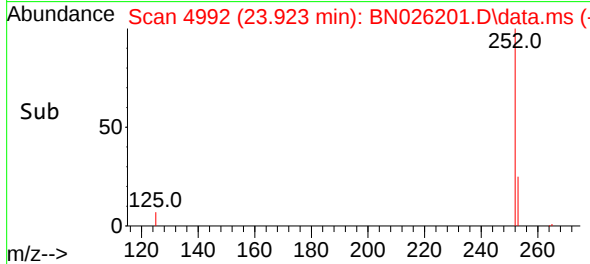
Instrument :
BNA_N
ClientSampleId :
DCGE6



Tgt Ion:252 Resp: 7060945
Ion Ratio Lower Upper
252 100
253 24.0 26.0 39.0#
125 10.0 17.3 25.9#

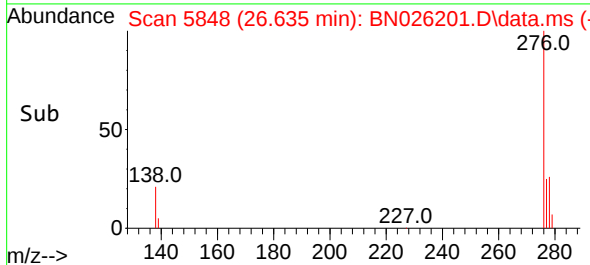
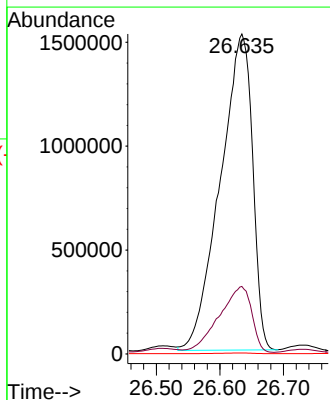
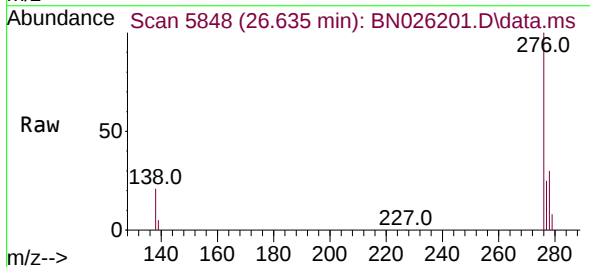
Manual Integrations
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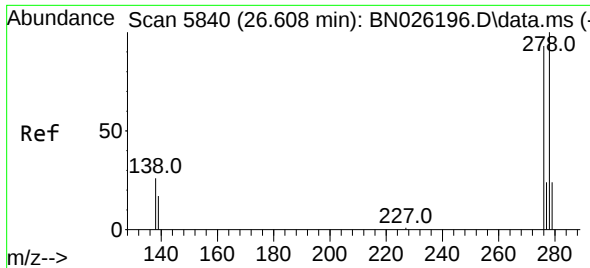
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 31.988 ng/ul
RT: 26.635 min Scan# 5848
Delta R.T. 0.076 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

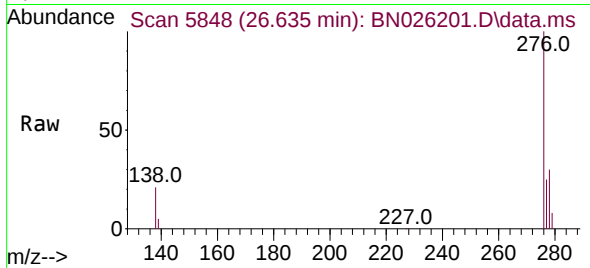
Tgt Ion:276 Resp: 5368270
Ion Ratio Lower Upper
276 100
138 21.1 24.5 36.7#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 12.072 ng/ul m
RT: 26.635 min Scan# 5840
Delta R.T. 0.056 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

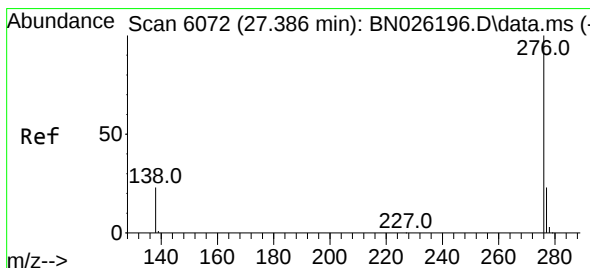
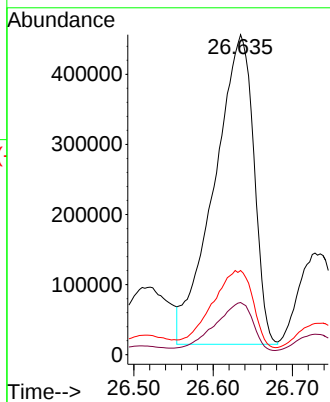
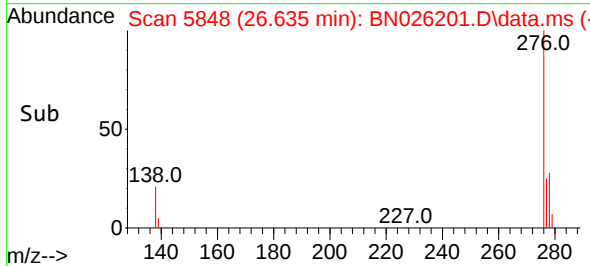
Instrument :
BNA_N
ClientSampleId :
DCGE6



Tgt Ion:278 Resp: 153334
Ion Ratio Lower Upper
278 100
139 16.3 19.0 28.4
279 26.3 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 31.908 ng/ul
RT: 27.433 min Scan# 6086
Delta R.T. 0.086 min
Lab File: BN026201.D
Acq: 02 Jul 2023 23:06

Tgt Ion:276 Resp: 4763565
Ion Ratio Lower Upper
276 100
138 21.5 23.4 35.0
277 24.6 20.0 30.0

