

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026245.D
 Acq On : 04 Jul 2023 03:23
 Operator : MA/JU
 Sample : 03247-21
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM7

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 03:57:22 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	13942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	41840	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.593	164	27171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	52794	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	37672	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	29260	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	33960	2.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	10553	0.164	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	20025	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	5065	0.042	ng/ul#	90
7) 2-Methylnaphthalene	12.426	142	3109	0.041	ng/ul	98
8) 1-Methylnaphthalene	12.640	142	2371	0.030	ng/ul	96
10) Acenaphthylene	14.316	152	4878	0.038	ng/ul#	80
11) Acenaphthene	14.654	153	2817	0.027	ng/ul#	87
12) Fluorene	15.644	166	2596	0.022	ng/ul#	92
15) Phenanthrene	17.385	178	67950	0.390	ng/ul	99
16) Anthracene	17.478	178	9020	0.058	ng/ul#	86
19) Fluoranthene	19.405	202	207524	1.031	ng/ul	98
20) Pyrene	19.768	202	161982m	0.774	ng/ul	
21) Benzo(a)anthracene	21.520	228	60423	0.389	ng/ul#	90
22) Chrysene	21.576	228	95137	0.588	ng/ul#	93
24) Benzo(b)fluoranthene	23.248	252	137405m	1.100	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	49501m	0.395	ng/ul	
26) Benzo(a)pyrene	23.888	252	79267	0.731	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.574	276	71922	0.607	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.581	278	16195	0.181	ng/ul#	57
29) Benzo(g,h,i)perylene	27.376	276	60538	0.574	ng/ul	97

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

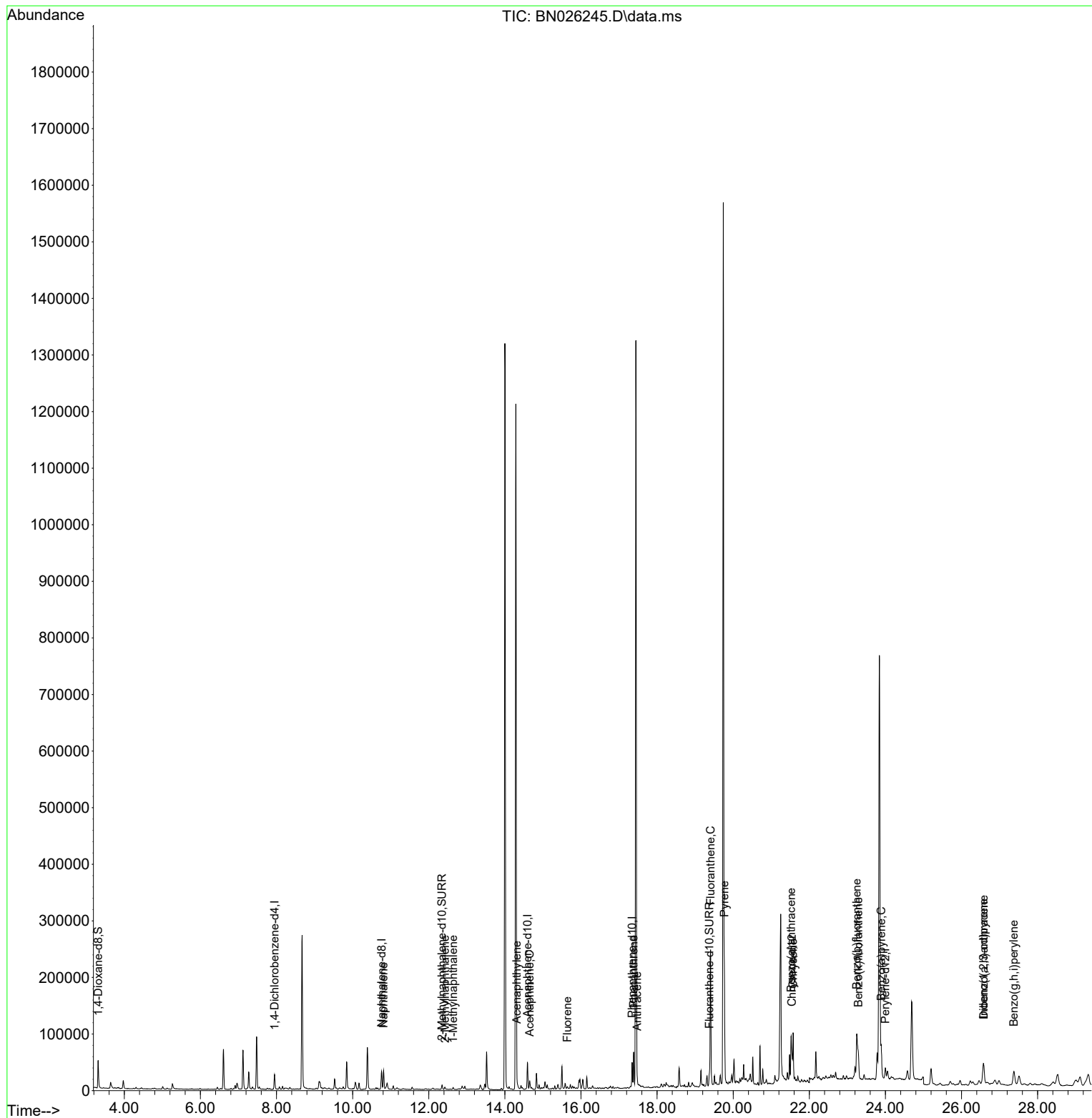
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026245.D
Acq On : 04 Jul 2023 03:23
Operator : MA/JU
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ALS Vial : 102 Sample Multiplier: 1

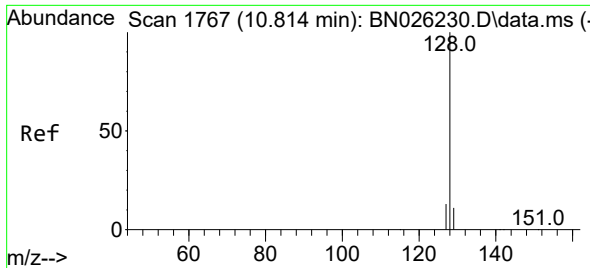
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Quant Time: Jul 04 03:57:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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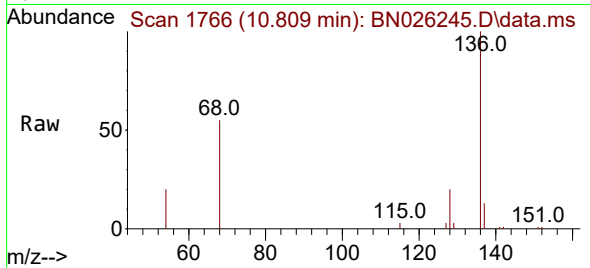
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

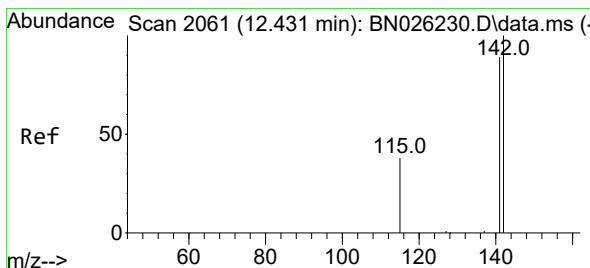
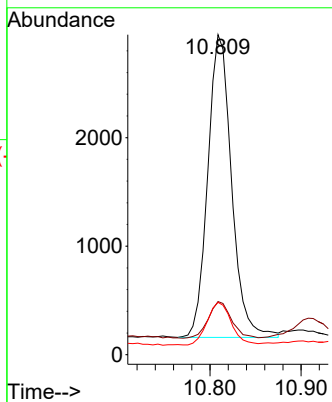
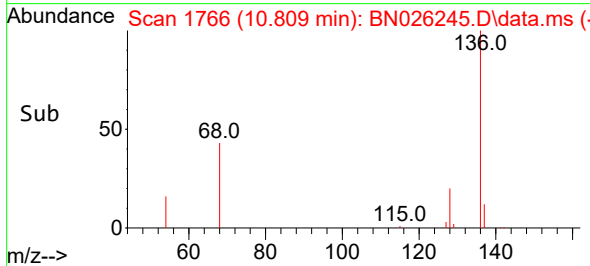
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:128 Resp: 506
Ion Ratio Lower Upper
128 100
129 16.6 9.1 13.7
127 16.3 10.7 16.1

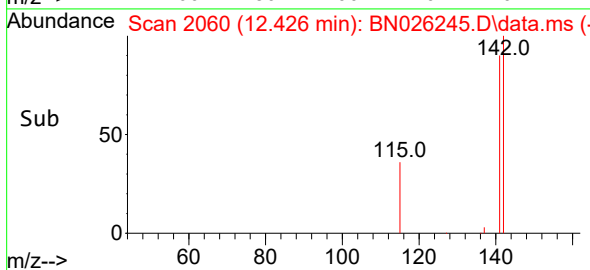
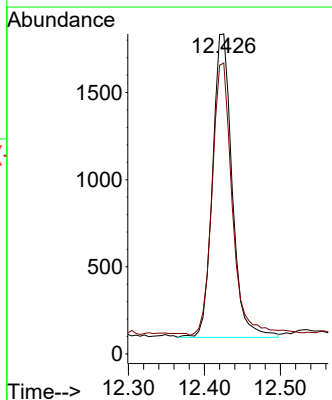
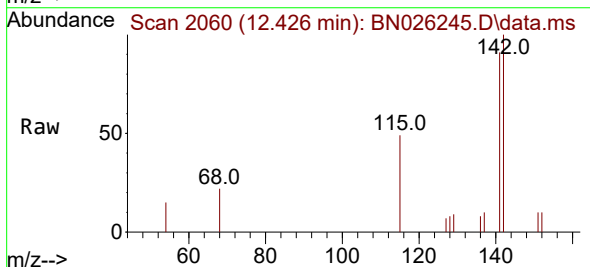
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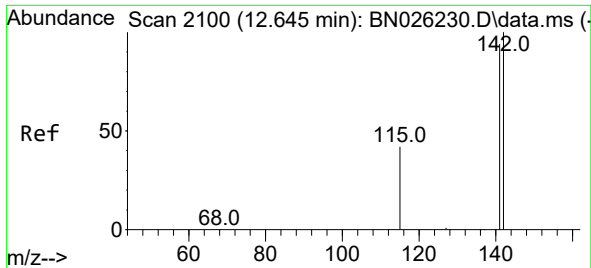
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

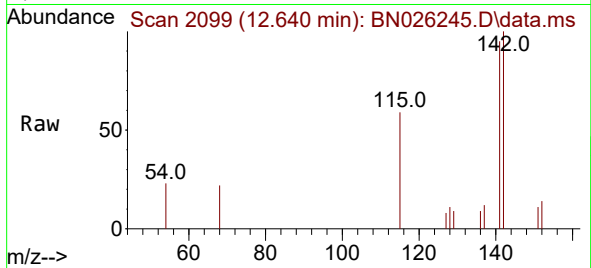
Tgt Ion:142 Resp: 3109
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

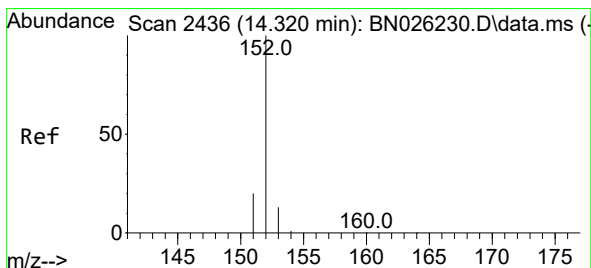
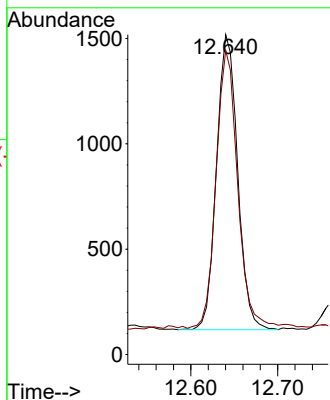
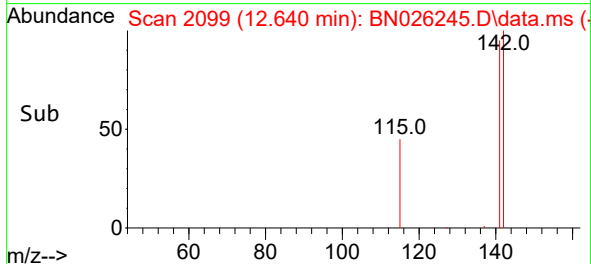
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:142 Resp: 237
Ion Ratio Lower Upper
142 100
141 96.5 74.2 111.4

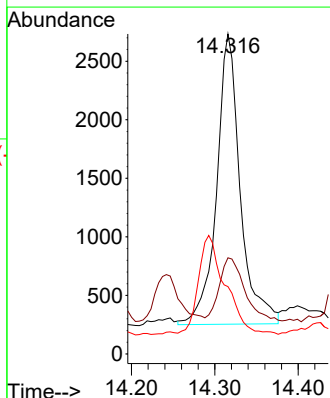
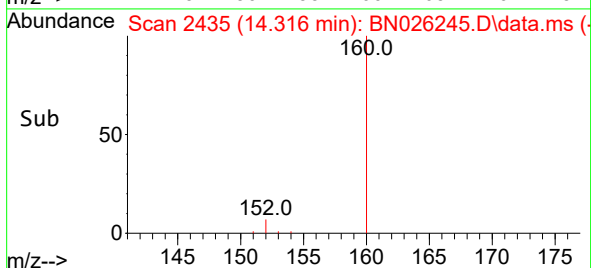
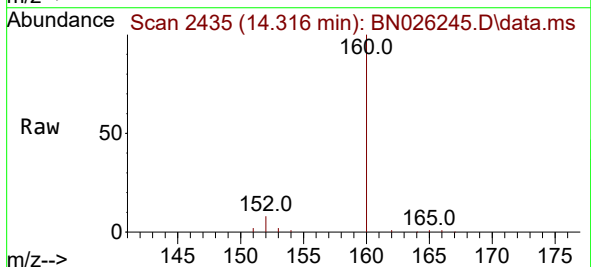
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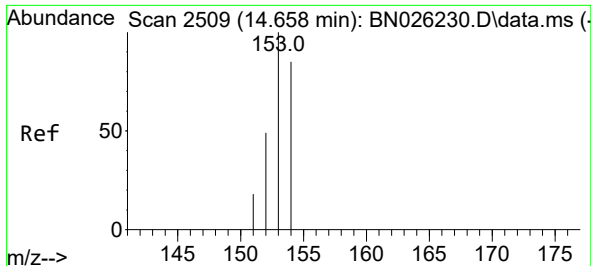
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

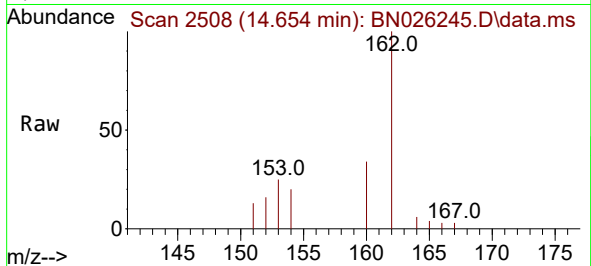
Tgt Ion:152 Resp: 4878
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.4#
153 21.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.004 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

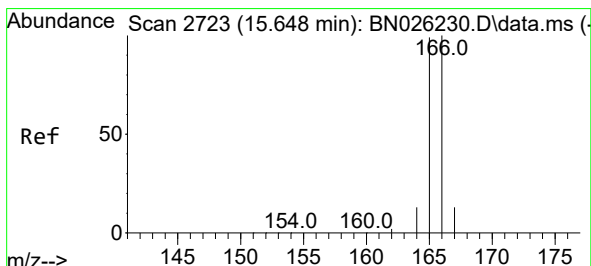
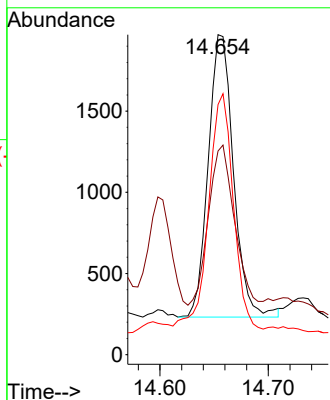
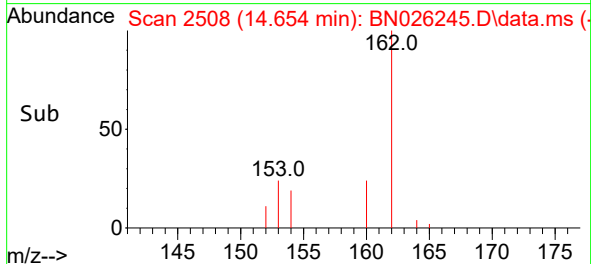
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:153 Resp: 281
Ion Ratio Lower Upper
153 100
152 63.7 39.4 59.0
154 78.1 68.9 103.3

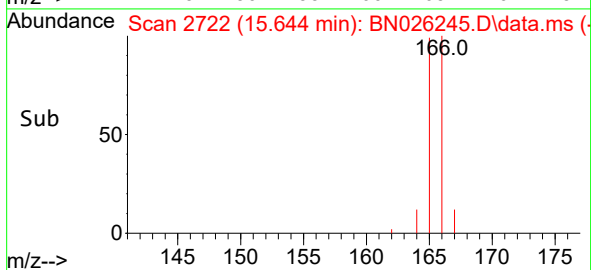
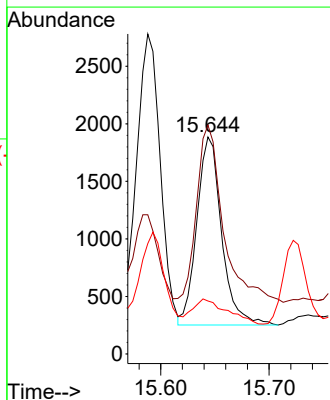
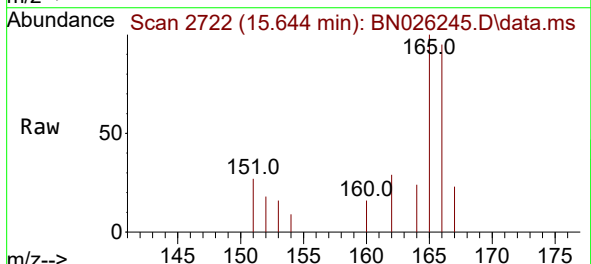
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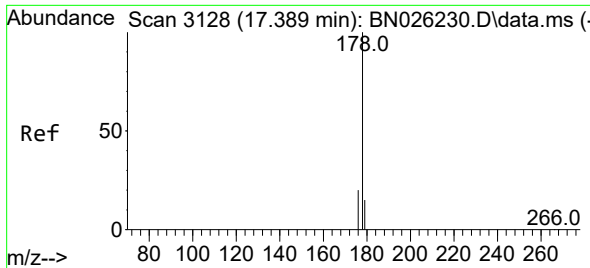
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

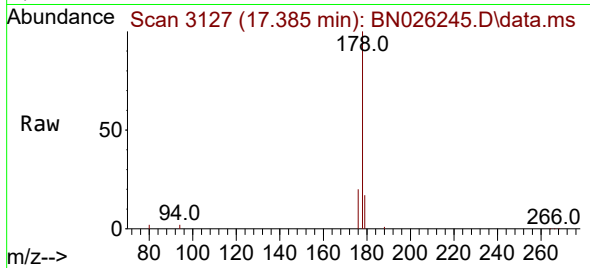
Tgt Ion:166 Resp: 2596
Ion Ratio Lower Upper
166 100
165 105.5 79.9 119.9
167 24.4 10.8 16.2





#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

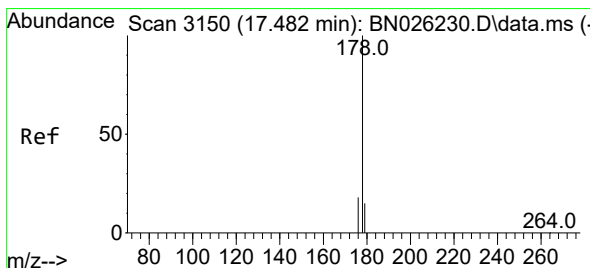
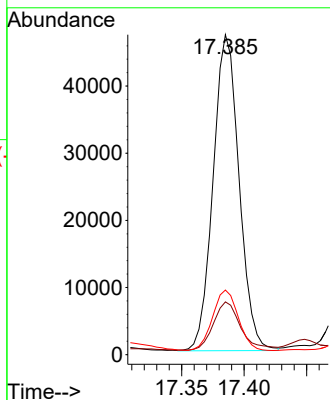
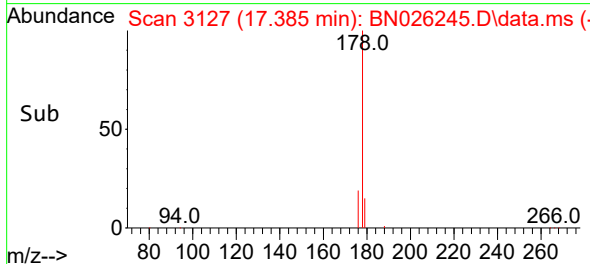
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:178 Resp: 67950
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 20.2 15.8 23.6

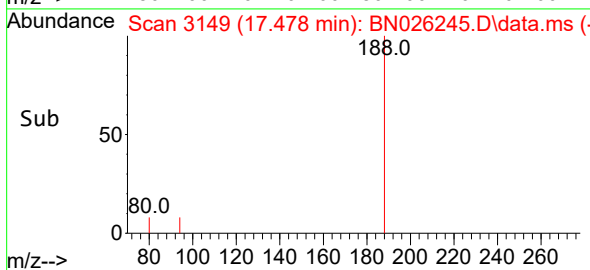
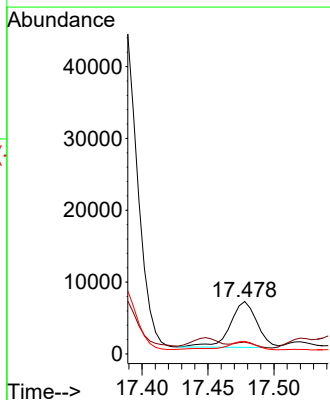
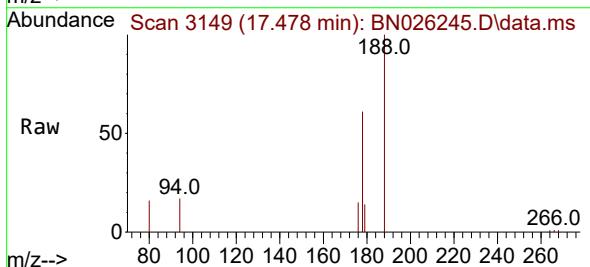
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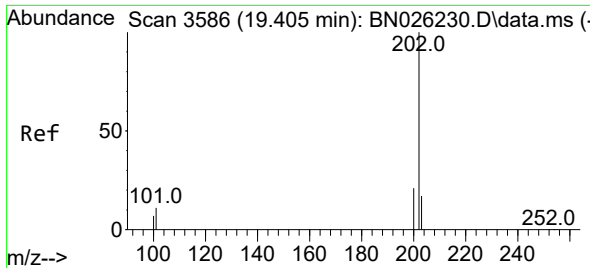
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

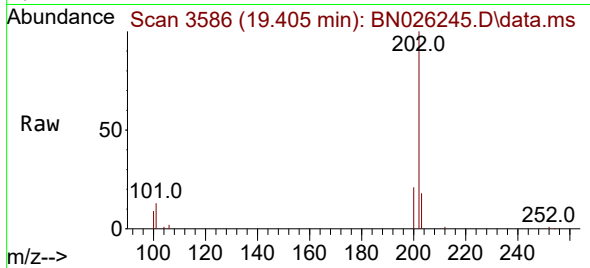
Tgt Ion:178 Resp: 9020
Ion Ratio Lower Upper
178 100
179 22.6 12.6 18.8#
176 24.0 15.1 22.7#





#19
Fluoranthene
Concen: 1.031 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

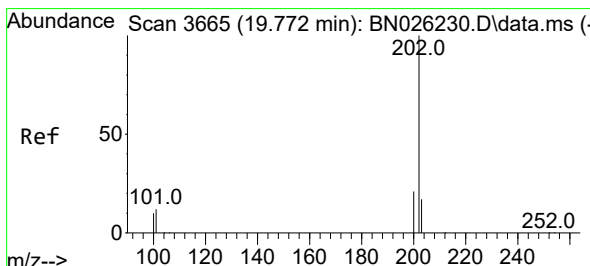
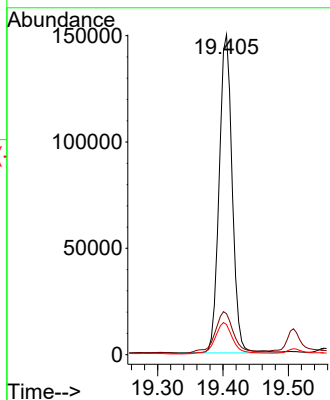
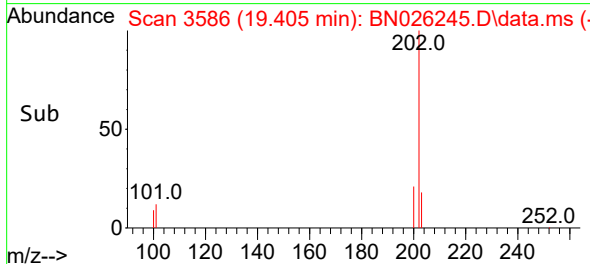
Instrument :
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DCGM7



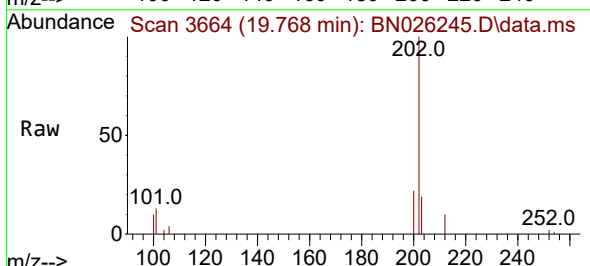
Tgt Ion:202 Resp: 207524
Ion Ratio Lower Upper
202 100
101 12.8 9.5 14.3
100 9.4 7.3 10.9

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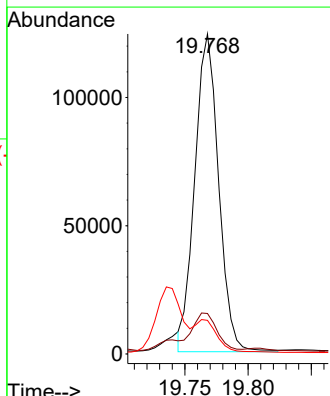
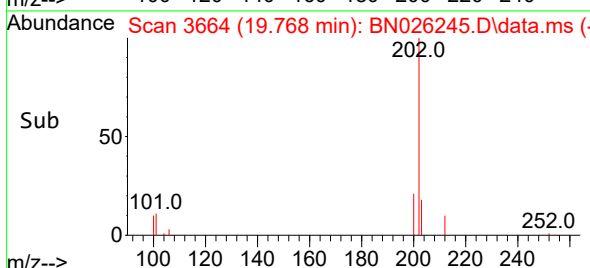
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

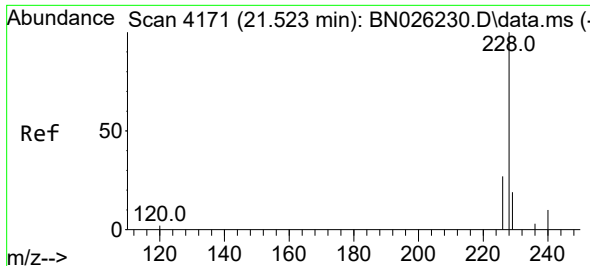


#20
Pyrene
Concen: 0.774 ng/ul m
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23



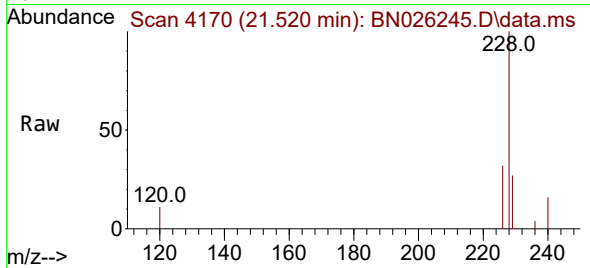
Tgt Ion:202 Resp: 161982
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

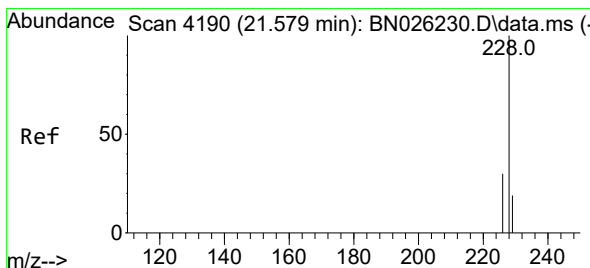
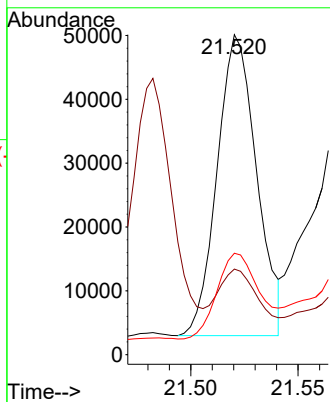
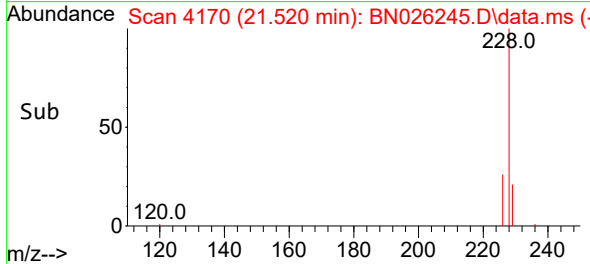
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:228 Resp: 60423
Ion Ratio Lower Upper
228 100
229 26.8 15.8 23.6
226 31.7 22.5 33.7

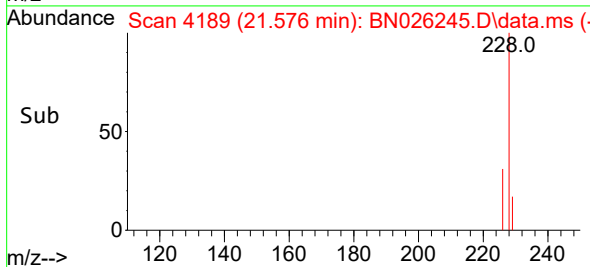
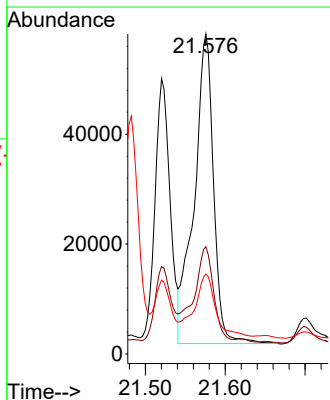
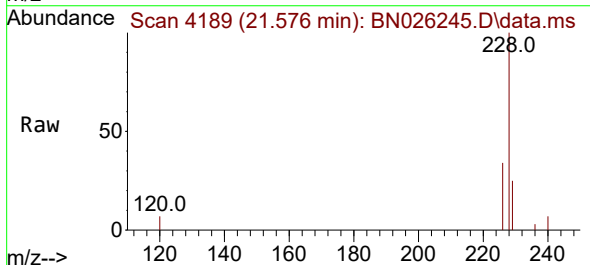
Manual Integrations
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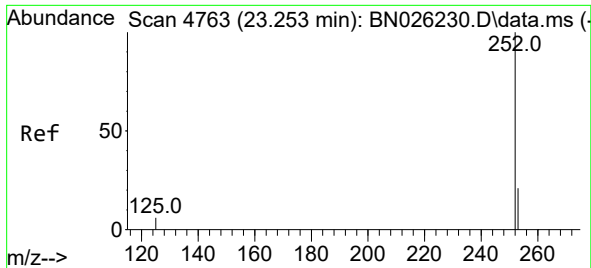
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 0.588 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

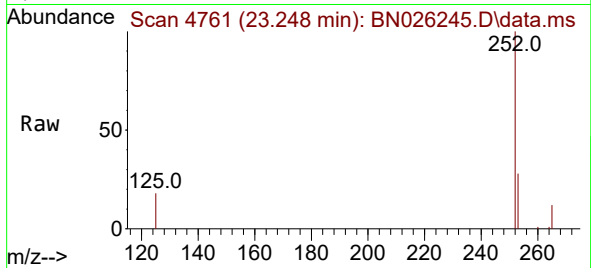
Tgt Ion:228 Resp: 95137
Ion Ratio Lower Upper
228 100
226 33.5 24.8 37.2
229 24.9 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.100 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

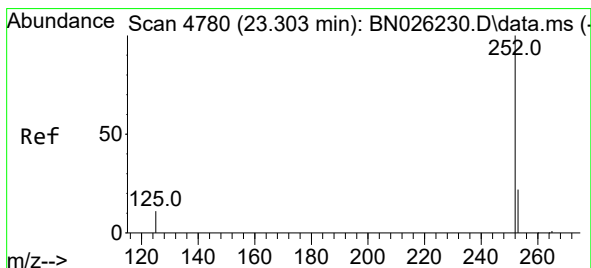
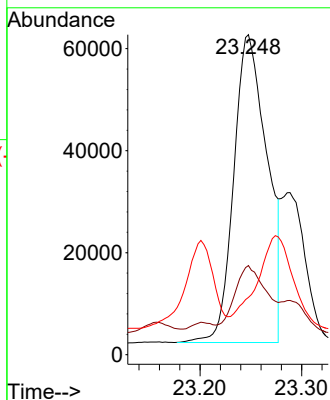
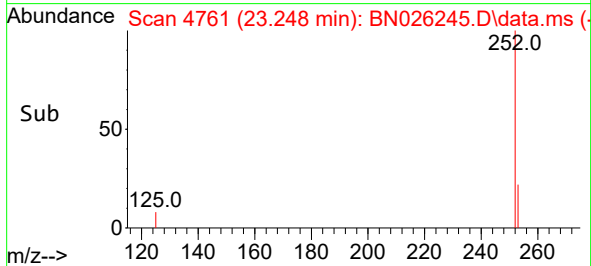
Instrument :
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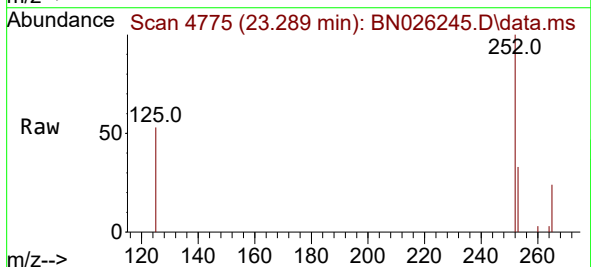
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Ion Ratio Lower Upper
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253 27.9 0.0 55.6
125 17.9 0.0 35.8

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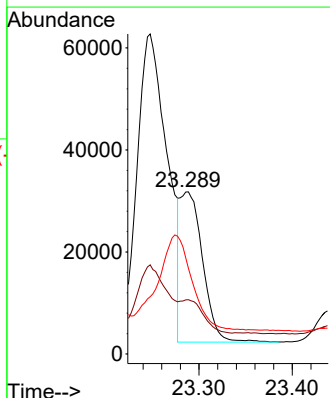
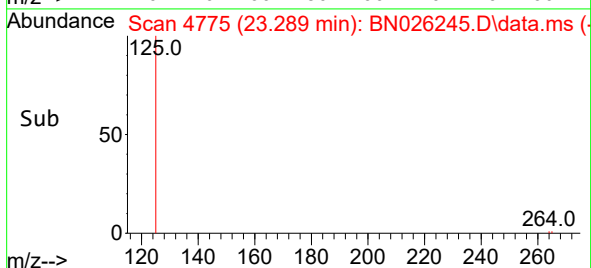
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

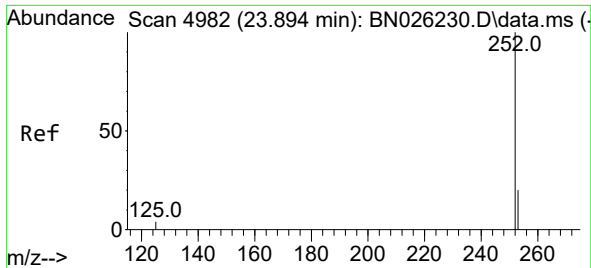


#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.015 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23



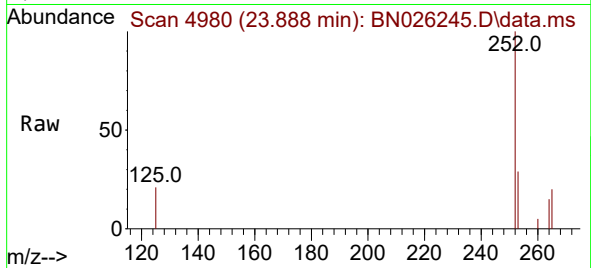
Tgt Ion:252 Resp: 49501
Ion Ratio Lower Upper
252 100
253 33.5 23.2 34.8
125 52.9 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.731 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

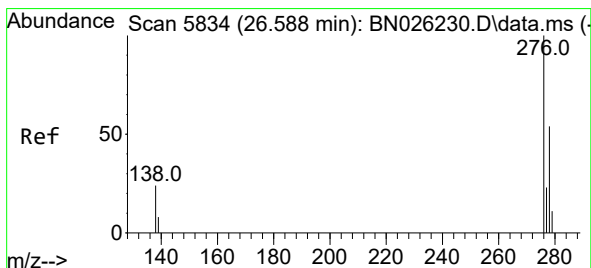
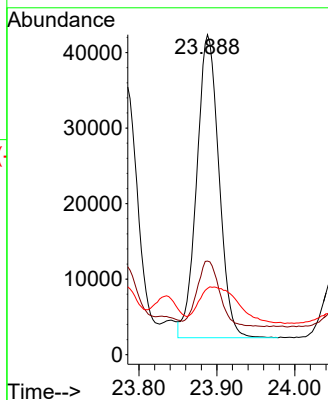
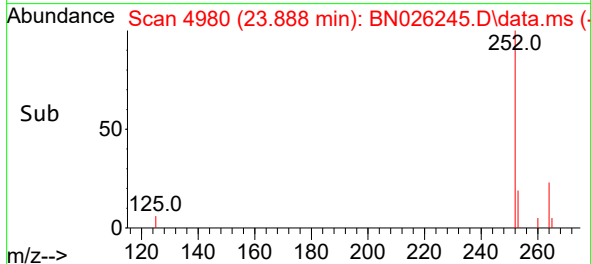
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:252 Resp: 7926
Ion Ratio Lower Upper
252 100
253 29.3 26.0 39.0
125 20.7 17.3 25.9

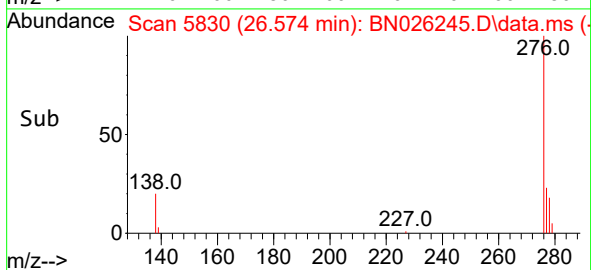
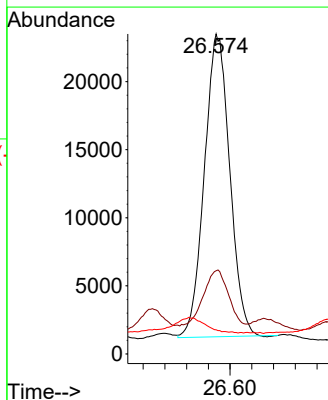
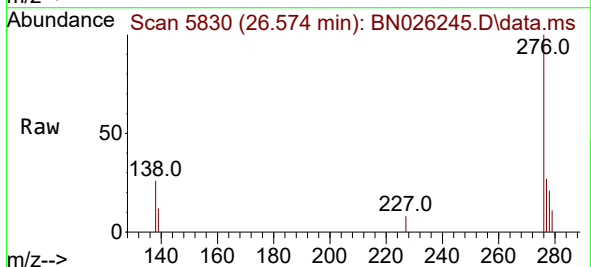
Manual Integrations
APPROVED

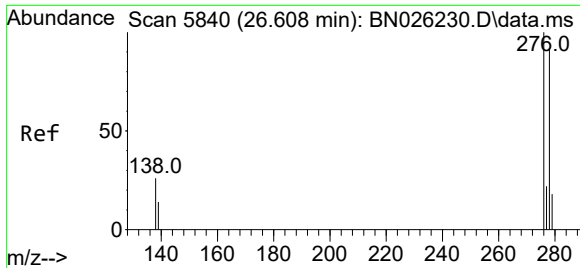
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.607 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.013 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

Tgt Ion:276 Resp: 71922
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7#
227 0.0 0.0 0.0





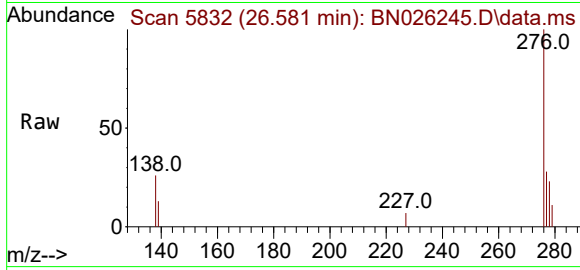
#28
 Dibenzo(a,h)anthracene
 Concen: 0.181 ng/ul
 RT: 26.581 min Scan# 5832
 Delta R.T. -0.027 min
 Lab File: BN026245.D
 Acq: 04 Jul 2023 03:23

Instrument :

BNA_N

ClientSampleId :

DCGM7

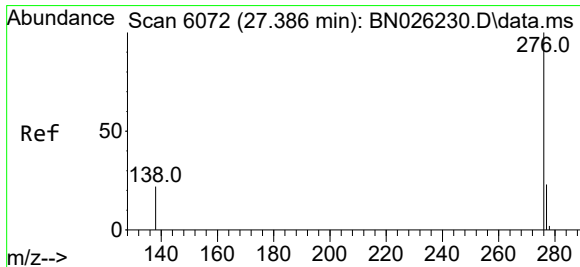
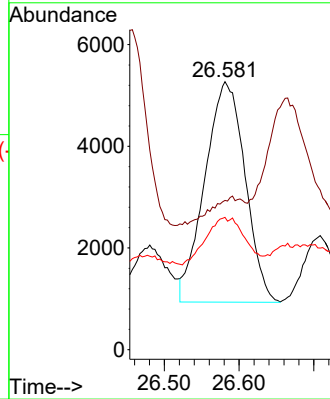
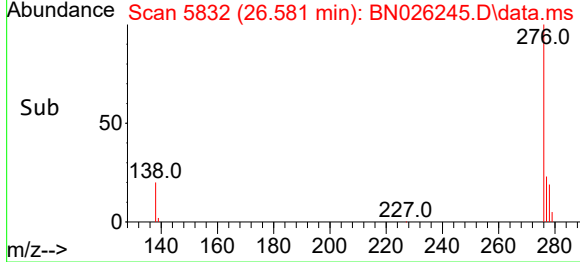


Tgt Ion:278 Resp: 1619
 Ion Ratio Lower Upper
 278 100
 139 55.7 19.0 28.4
 279 49.4 26.7 40.1

Manual Integrations

APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.574 ng/ul
 RT: 27.376 min Scan# 6069
 Delta R.T. -0.010 min
 Lab File: BN026245.D
 Acq: 04 Jul 2023 03:23

Tgt Ion:276 Resp: 60538
 Ion Ratio Lower Upper
 276 100
 138 28.7 23.4 35.0
 277 27.2 20.0 30.0

