

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026268.D
 Acq On : 04 Jul 2023 18:39
 Operator : MA/JU
 Sample : 03247-13DL 5X
 Misc :
 ALS Vial : 126 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:08:06 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	10074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	31621	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	17384	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	32201	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18658	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	20279	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4514	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1354	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	2328	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	1932	0.021	ng/ul#	83
10) Acenaphthylene	14.312	152	3413	0.042	ng/ul#	88
11) Acenaphthene	14.649	153	2410	0.036	ng/ul	97
12) Fluorene	15.640	166	1950	0.026	ng/ul#	96
15) Phenanthrene	17.381	178	56987	0.536	ng/ul	100
16) Anthracene	17.470	178	9240	0.098	ng/ul#	91
19) Fluoranthene	19.397	202	200074	2.008	ng/ul	98
20) Pyrene	19.759	202	159366	1.537	ng/ul	97
21) Benzo(a)anthracene	21.518	228	79729	1.036	ng/ul	97
22) Chrysene	21.570	228	94336	1.178	ng/ul	98
24) Benzo(b)fluoranthene	23.239	252	145780m	1.684	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	49411m	0.568	ng/ul	
26) Benzo(a)pyrene	23.877	252	85194	1.133	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.545	276	68603	0.835	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.555	278	16130	0.260	ng/ul#	87
29) Benzo(g,h,i)perylene	27.336	276	62458	0.855	ng/ul	96

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

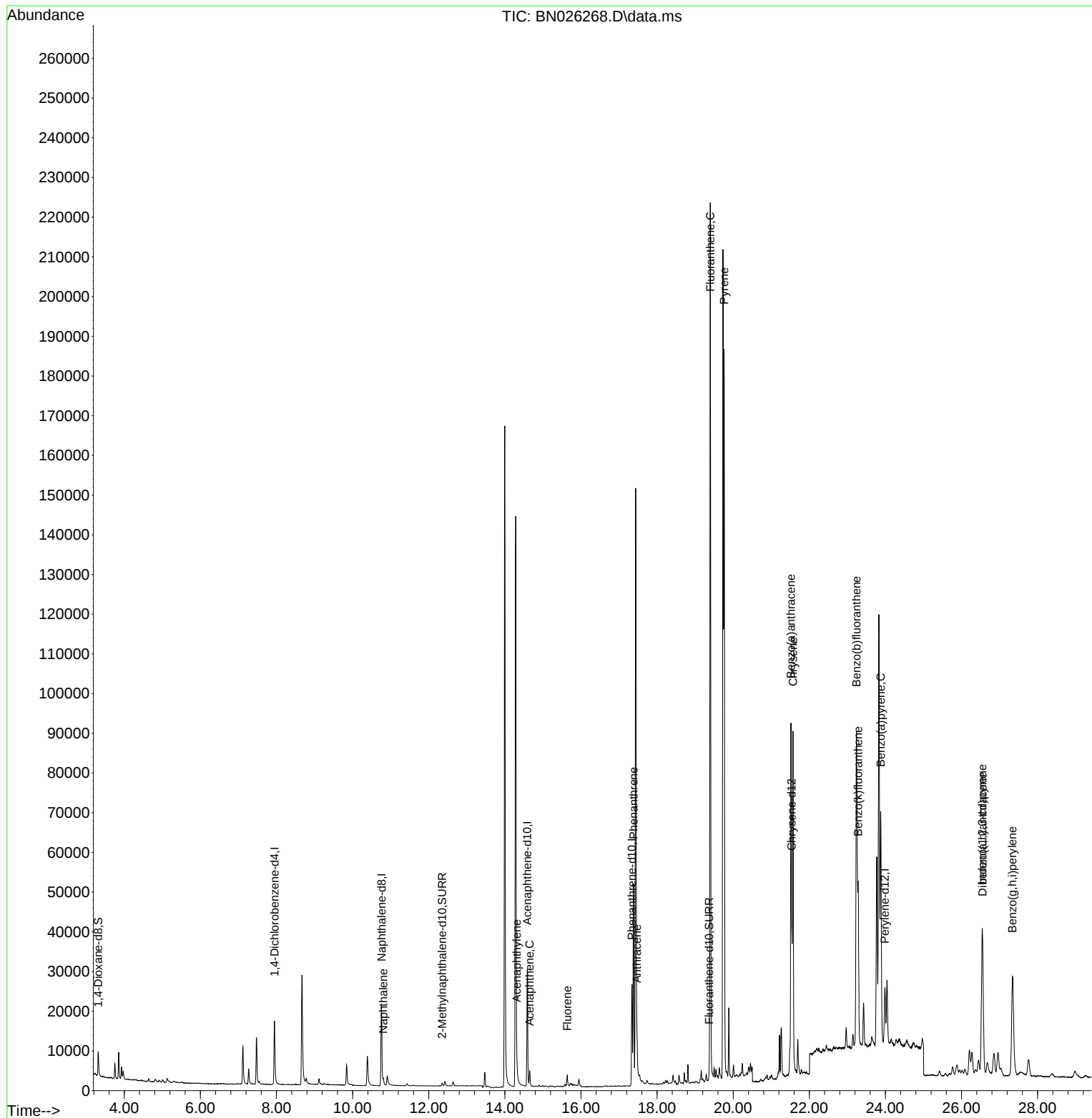
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026268.D
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Sample : 03247-13DL 5X
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ALS Vial : 126 Sample Multiplier: 1

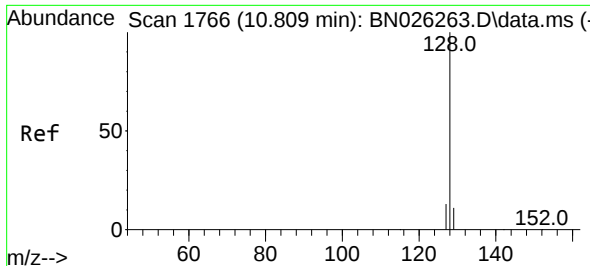
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Quant Time: Jul 05 00:08:06 2023
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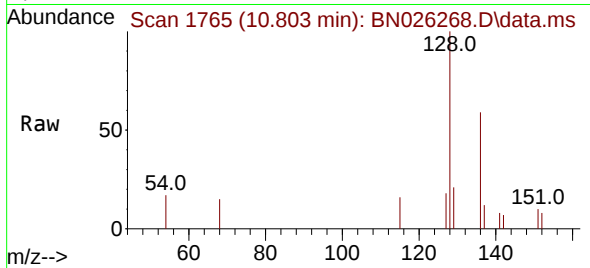
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.021 ng/u1
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

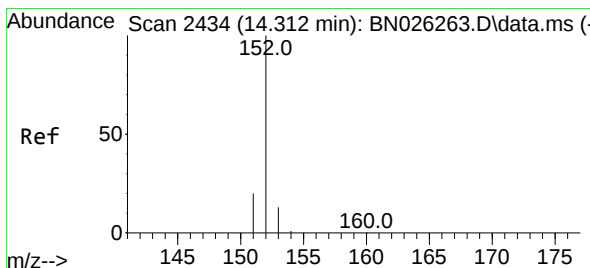
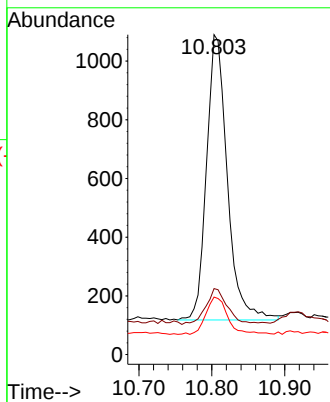
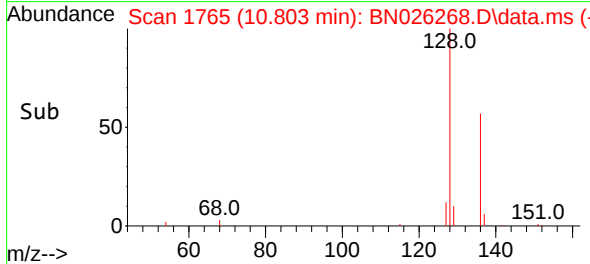
Instrument :
BNA_N
ClientSampleId :
DCGL9DL



Tgt Ion:128 Resp: 1932
Ion Ratio Lower Upper
128 100
129 20.6 9.1 13.7#
127 18.0 10.7 16.1#

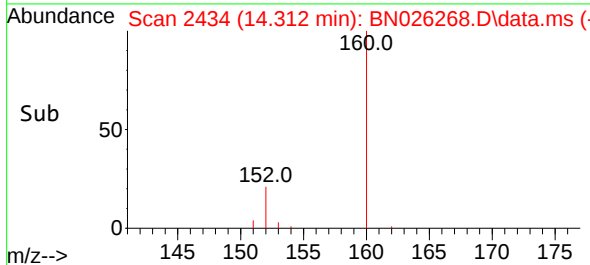
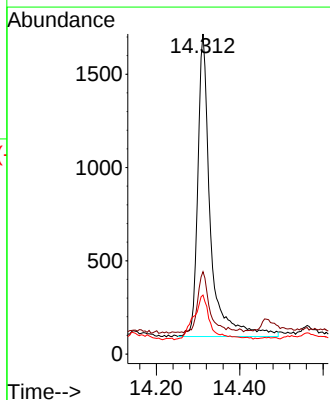
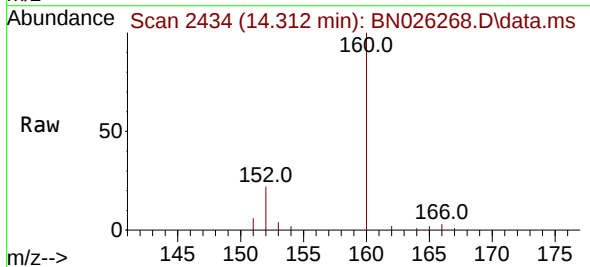
Manual Integrations
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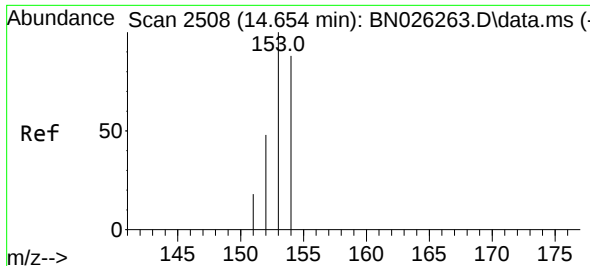
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.042 ng/u1
RT: 14.312 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

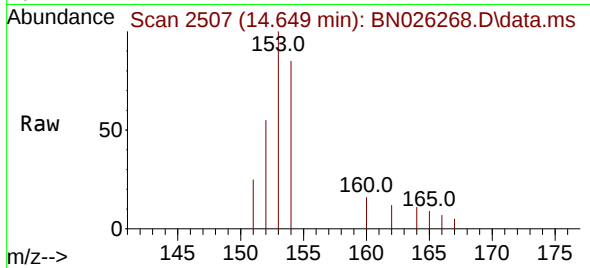
Tgt Ion:152 Resp: 3413
Ion Ratio Lower Upper
152 100
151 25.7 16.2 24.4#
153 18.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.649 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

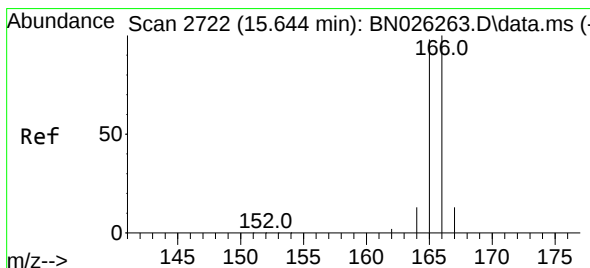
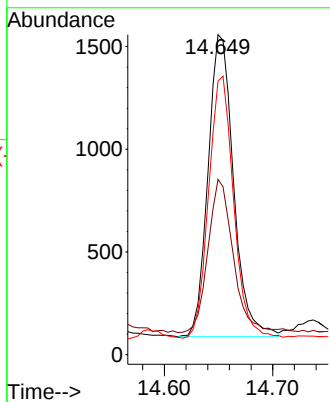
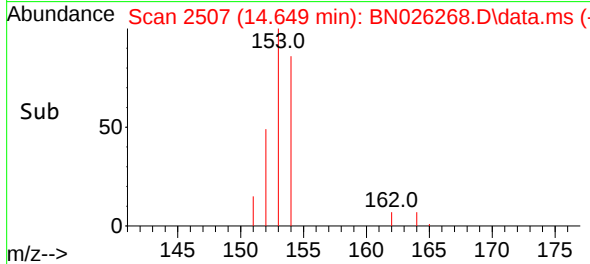
Instrument :
BNA_N
ClientSampleId :
DCGL9DL



Tgt Ion:153 Resp: 2410
Ion Ratio Lower Upper
153 100
152 54.7 39.4 59.0
154 85.5 68.9 103.3

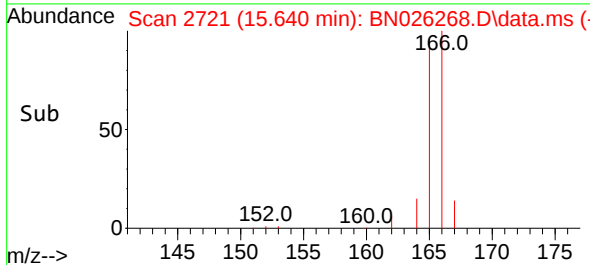
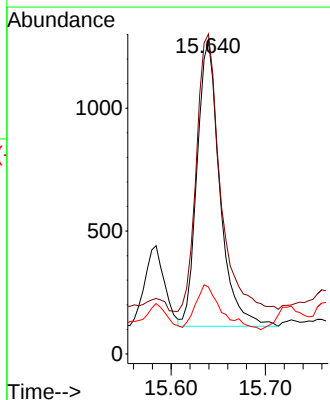
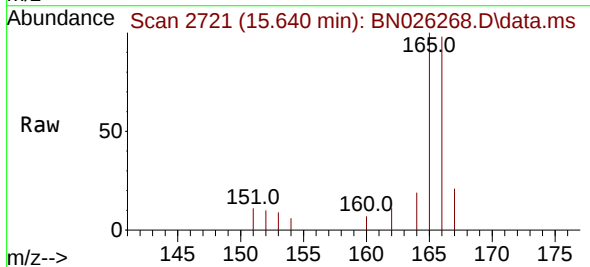
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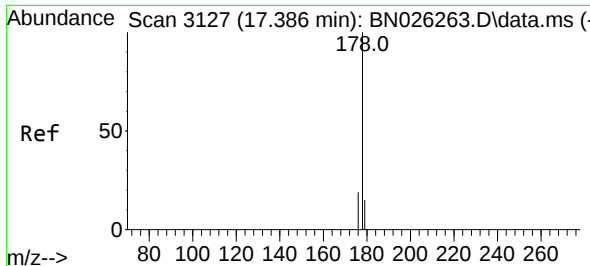
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.640 min Scan# 2721
Delta R.T. -0.005 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

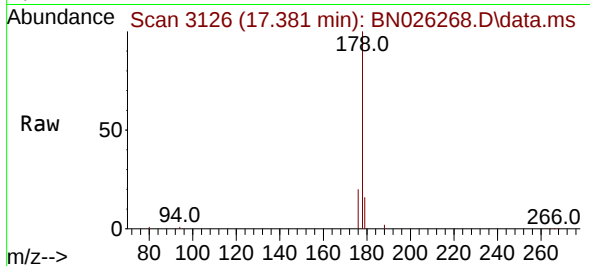
Tgt Ion:166 Resp: 1950
Ion Ratio Lower Upper
166 100
165 101.9 79.9 119.9
167 21.4 10.8 16.2#





#15
Phenanthrene
Concen: 0.536 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

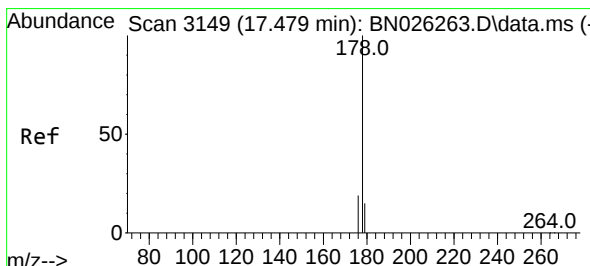
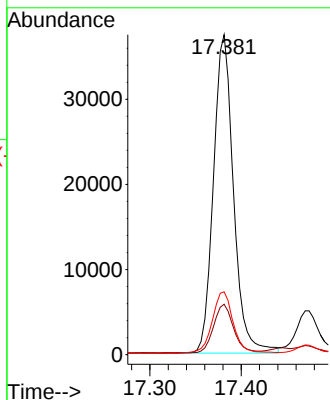
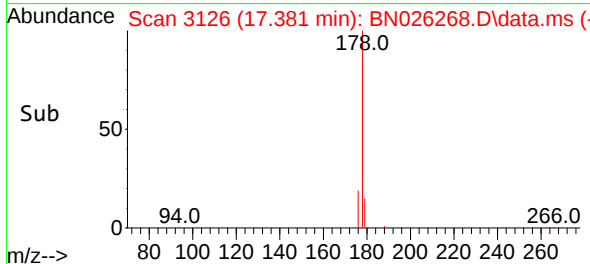
Instrument :
BNA_N
ClientSampleId :
DCGL9DL



Tgt Ion:178 Resp: 5698
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6

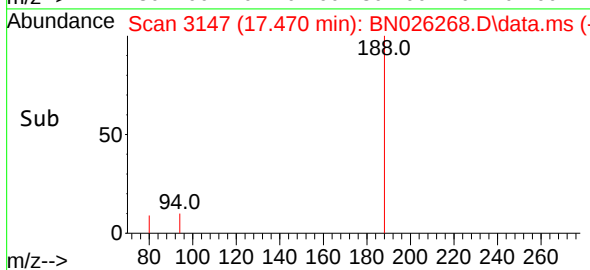
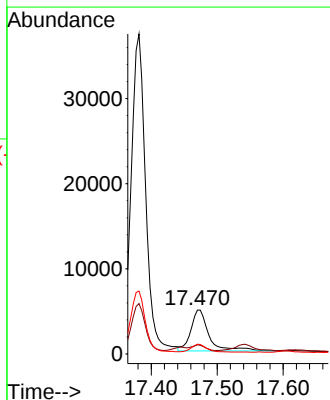
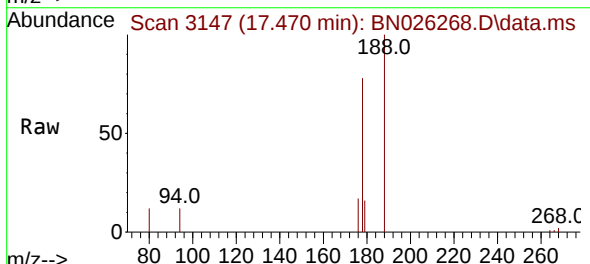
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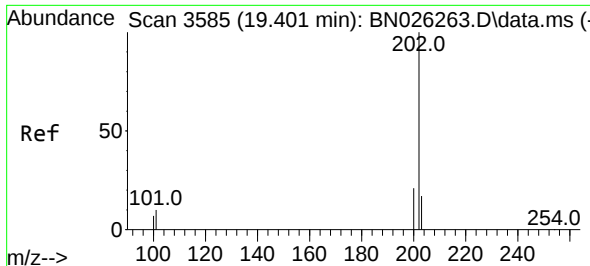
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.470 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

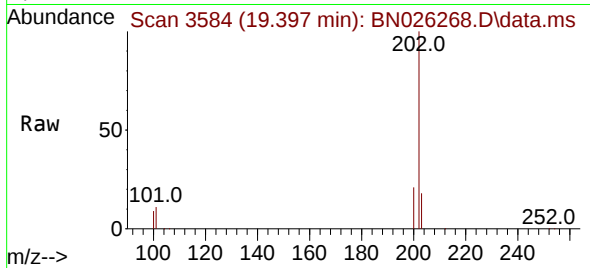
Tgt Ion:178 Resp: 9240
Ion Ratio Lower Upper
178 100
179 20.7 12.6 18.8#
176 22.2 15.1 22.7





#19
Fluoranthene
Concen: 2.008 ng/ul
RT: 19.397 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

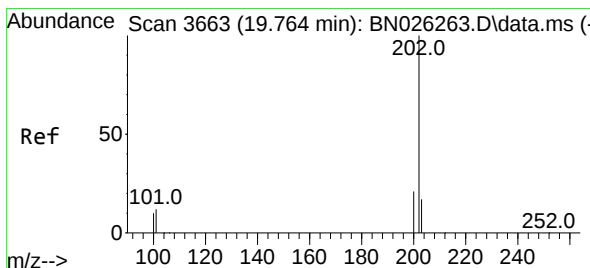
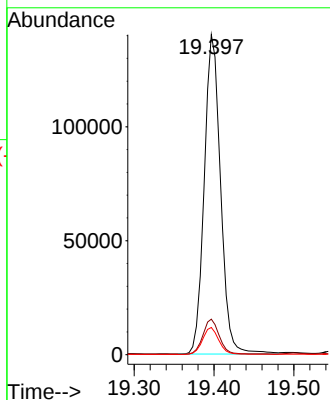
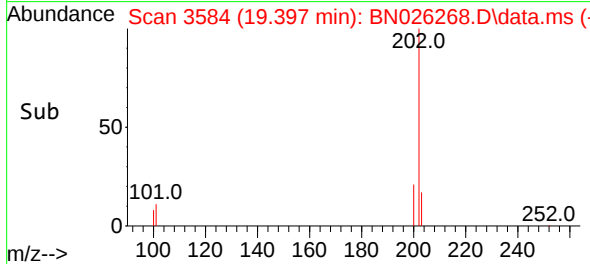
Instrument :
BNA_N
ClientSampleId :
DCGL9DL



Tgt Ion:202 Resp: 200074
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.5 7.3 10.9

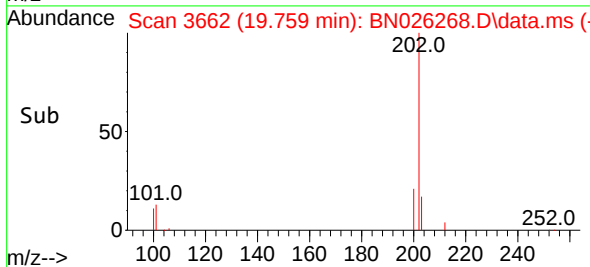
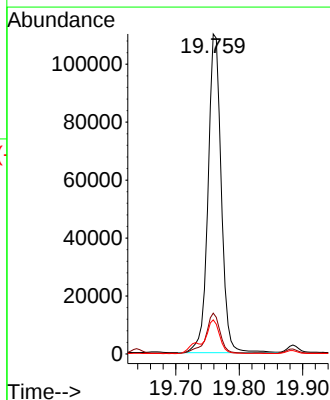
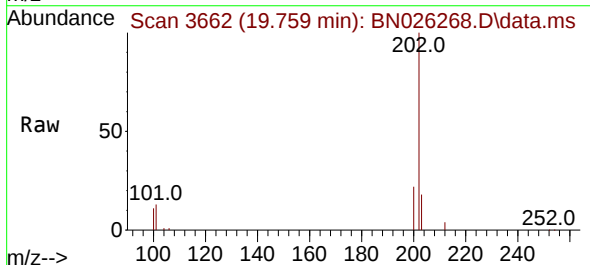
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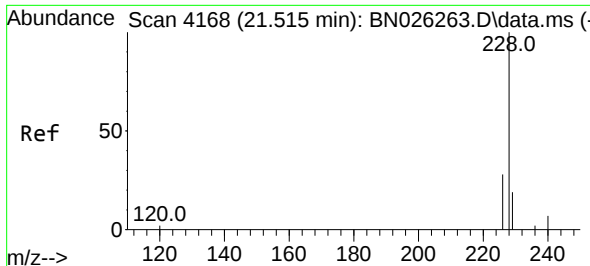
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 1.537 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

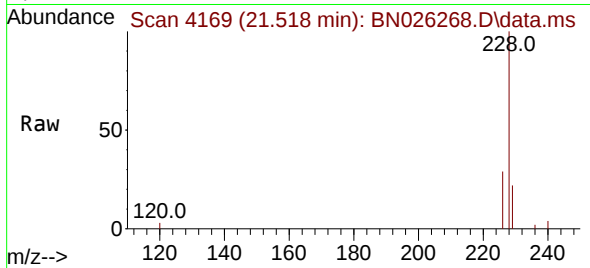
Tgt Ion:202 Resp: 159366
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.036 ng/u1
RT: 21.518 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

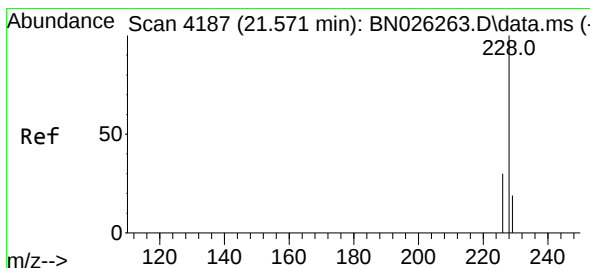
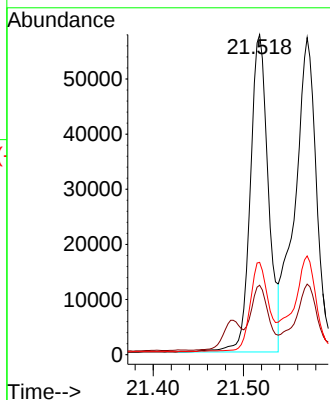
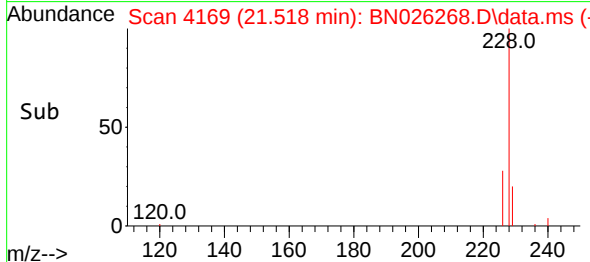
Instrument :
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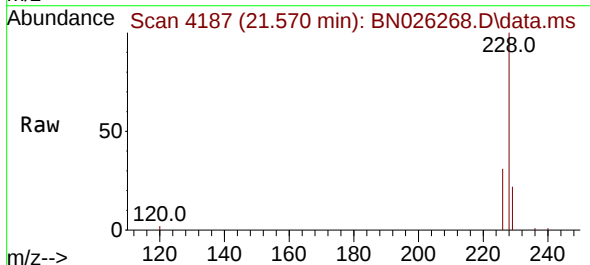
Tgt Ion:228 Resp: 79729
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 28.8 22.5 33.7

Manual Integrations
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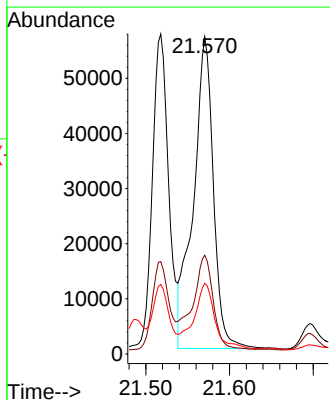
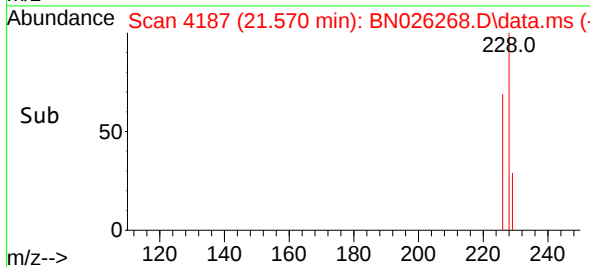
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

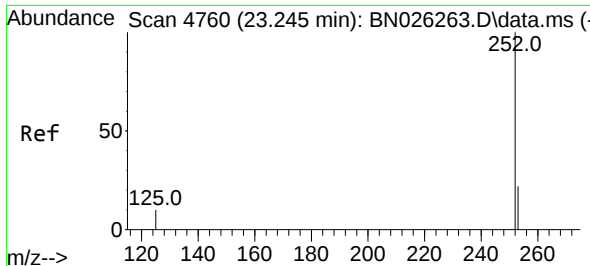


#22
Chrysene
Concen: 1.178 ng/u1
RT: 21.570 min Scan# 4187
Delta R.T. -0.000 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39



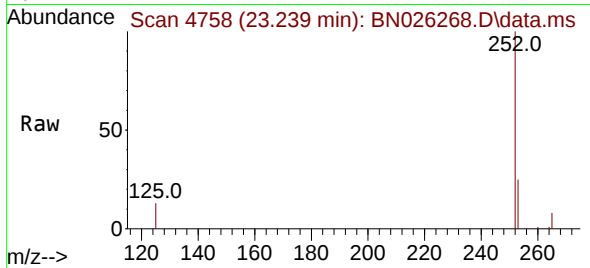
Tgt Ion:228 Resp: 94336
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.684 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.006 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

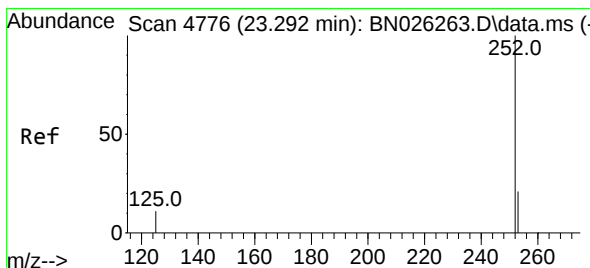
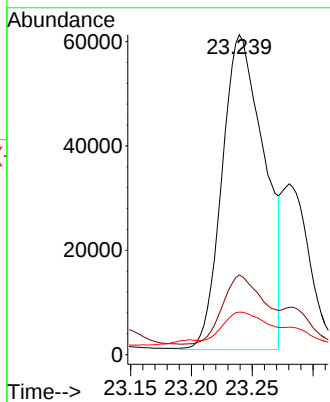
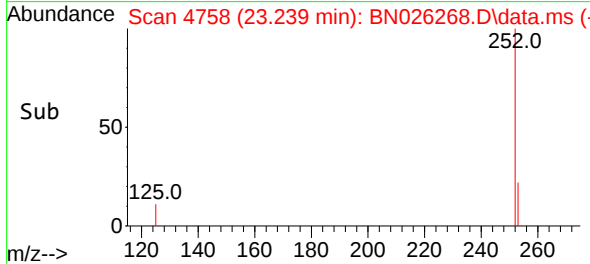
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DCGL9DL



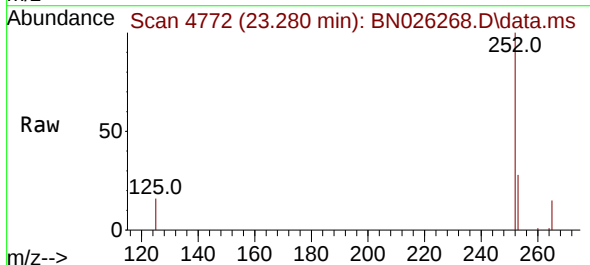
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Ion Ratio Lower Upper
252 100
253 24.9 0.0 55.6
125 13.3 0.0 35.8

Manual Integrations
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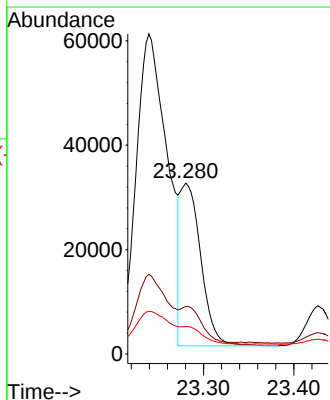
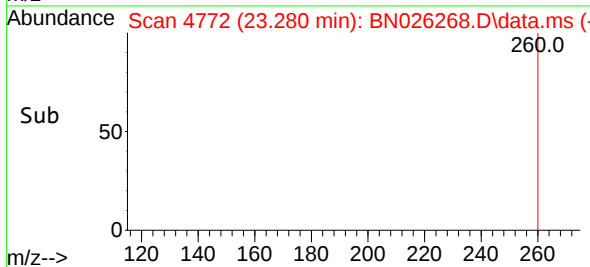
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

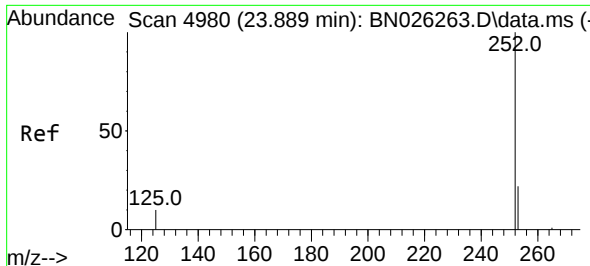


#25
Benzo(k)fluoranthene
Concen: 0.568 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39



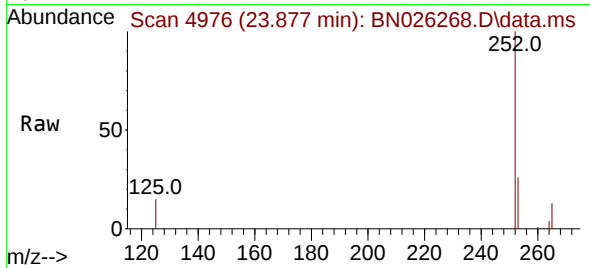
Tgt Ion:252 Resp: 49411
Ion Ratio Lower Upper
252 100
253 27.7 23.2 34.8
125 16.1 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.133 ng/ul
RT: 23.877 min Scan# 4980
Delta R.T. -0.012 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

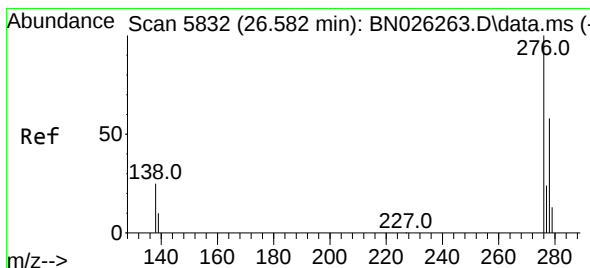
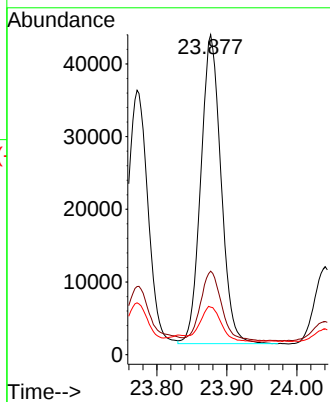
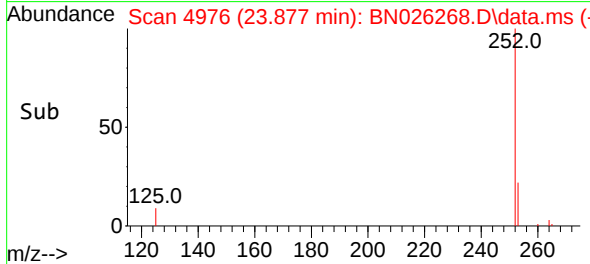
Instrument :
BNA_N
ClientSampleId :
DCGL9DL



Tgt Ion:252 Resp: 85194
Ion Ratio Lower Upper
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125 14.9 17.3 25.9

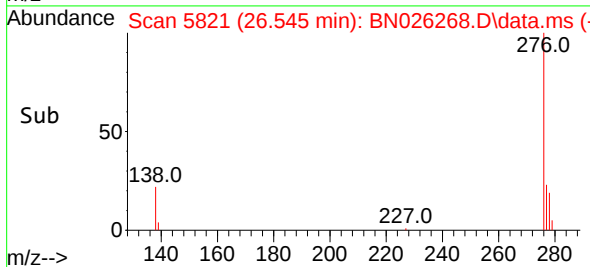
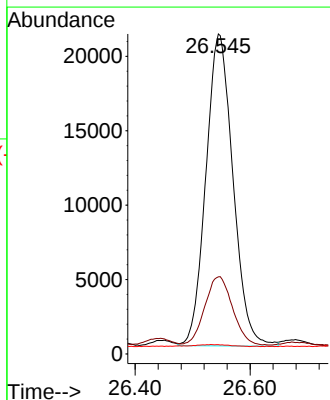
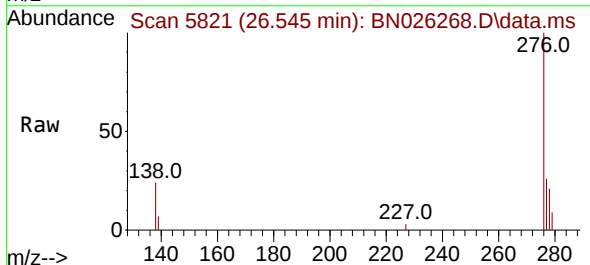
Manual Integrations
APPROVED

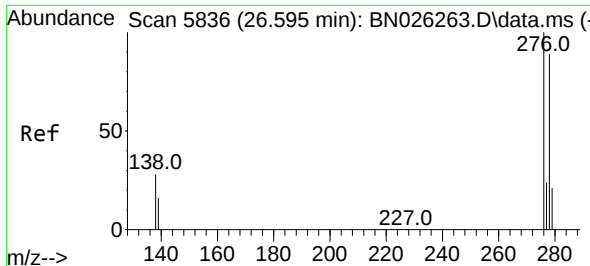
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.835 ng/ul
RT: 26.545 min Scan# 5821
Delta R.T. -0.037 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

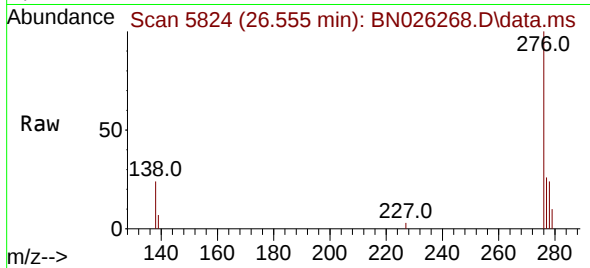
Tgt Ion:276 Resp: 68603
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.7 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.260 ng/ul
RT: 26.555 min Scan# 5824
Delta R.T. -0.040 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

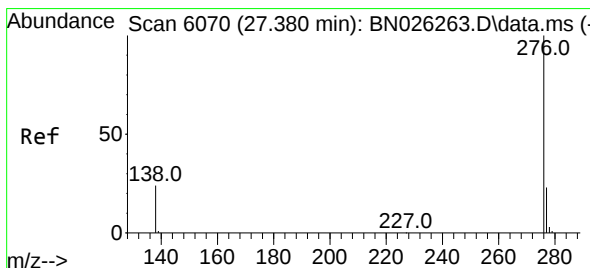
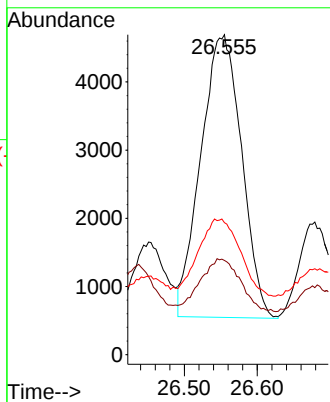
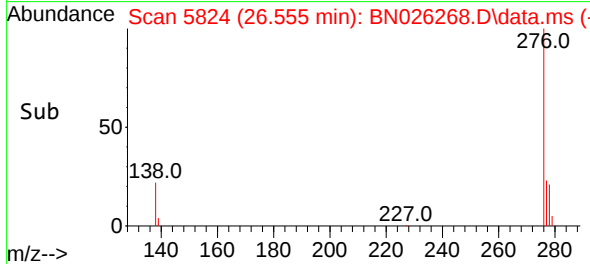
Instrument :
BNA_N
ClientSampleId :
DCGL9DL



Tgt Ion:278 Resp: 16130
Ion Ratio Lower Upper
278 100
139 29.4 19.0 28.4
279 41.3 26.7 40.1

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.855 ng/ul
RT: 27.336 min Scan# 6057
Delta R.T. -0.044 min
Lab File: BN026268.D
Acq: 04 Jul 2023 18:39

Tgt Ion:276 Resp: 62458
Ion Ratio Lower Upper
276 100
138 25.4 23.4 35.0
277 25.1 20.0 30.0

