

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026312.D
 Acq On : 06 Jul 2023 03:20
 Operator : MA/JU
 Sample : 03248-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :mohammad ahmed 07/06/2023

Quant Time: Jul 06 04:30:25 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	7.938	152	7397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	23532	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	14509	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	27552	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.526	240	14870	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	14759	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	25848	3.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	8170	0.226	ng/ul	-0.01
18) Fluoranthene-d10	19.363	212	14826	0.262	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	81411	1.207	ng/ul	100
7) 2-Methylnaphthalene	12.409	142	48903	1.139	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	33202	0.746	ng/ul	99
10) Acenaphthylene	14.302	152	121287	1.785	ng/ul	99
11) Acenaphthene	14.644	153	10302	0.185	ng/ul	96
12) Fluorene	15.630	166	11091	0.174	ng/ul#	91
15) Phenanthrene	17.372	178	298446	3.279	ng/ul	100
16) Anthracene	17.465	178	88600	1.095	ng/ul	98
19) Fluoranthene	19.391	202	835140	10.515	ng/ul	98
20) Pyrene	19.758	202	685048	8.293	ng/ul	95
21) Benzo(a)anthracene	21.511	228	350010	5.706	ng/ul	95
22) Chrysene	21.564	228	396032	6.205	ng/ul#	96
24) Benzo(b)fluoranthene	23.242	252	584572m	9.280	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	175753m	2.778	ng/ul	
26) Benzo(a)pyrene	23.888	252	319950	5.848	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.578	276	255286	4.272	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.584	278	68191	1.508	ng/ul	96
29) Benzo(g,h,i)perylene	27.376	276	223411	4.203	ng/ul	94

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

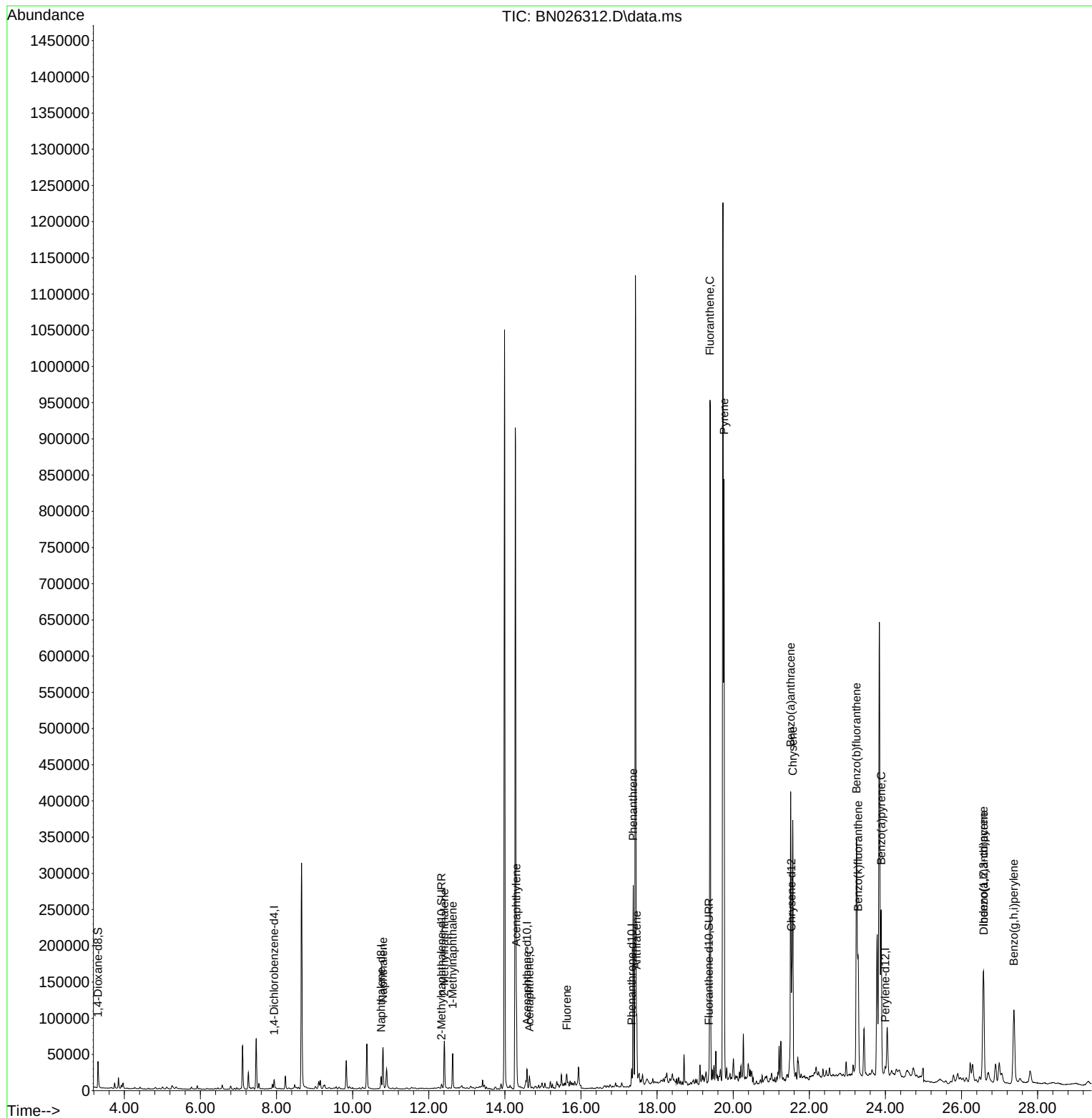
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026312.D
Acq On : 06 Jul 2023 03:20
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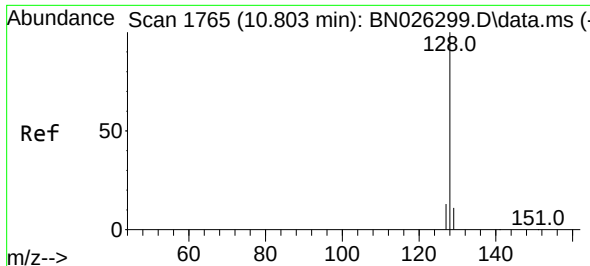
Instrument :
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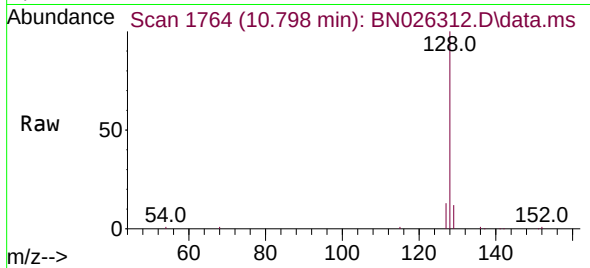
Quant Time: Jul 06 04:30:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.207 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

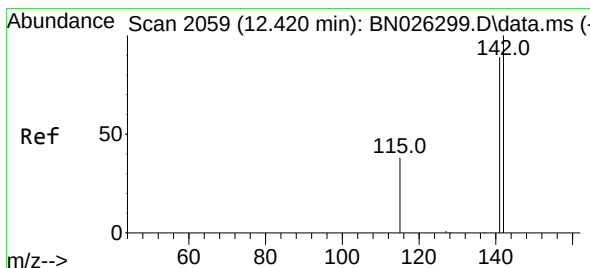
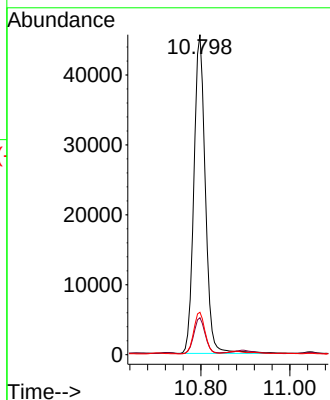
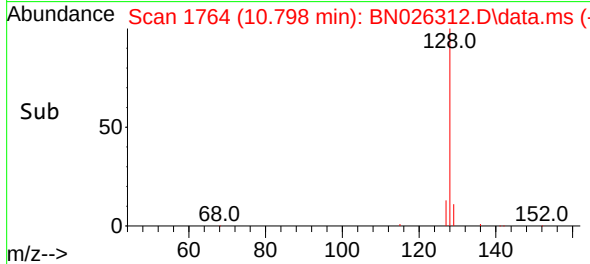
Instrument :
BNA_N
ClientSampleId :
DCGP5



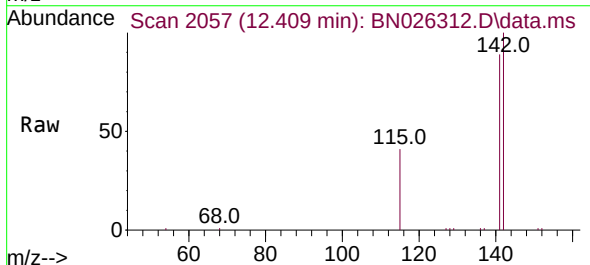
Tgt Ion:128 Resp: 8141
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.2 10.7 16.1

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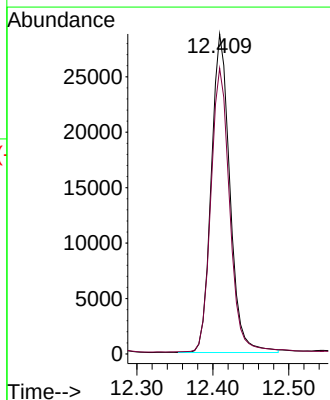
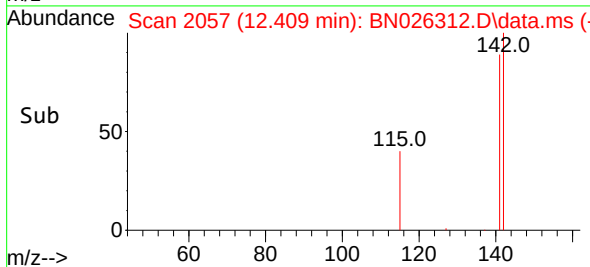
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

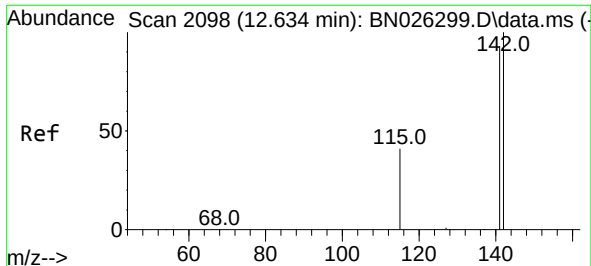


#7
2-Methylnaphthalene
Concen: 1.139 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.011 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20



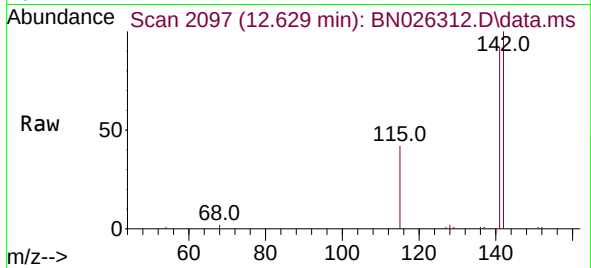
Tgt Ion:142 Resp: 48903
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.746 ng/ul
RT: 12.629 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

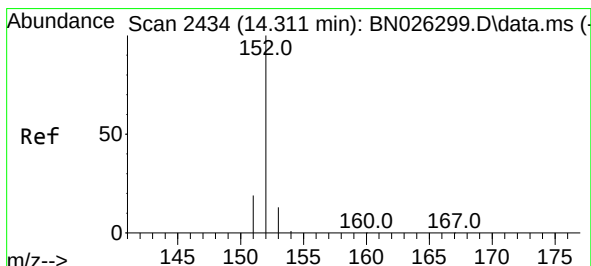
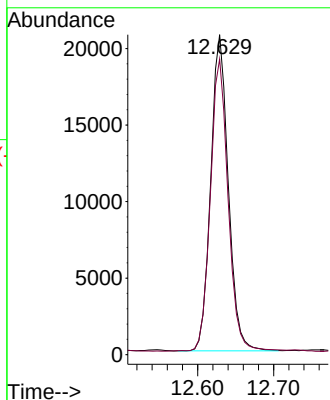
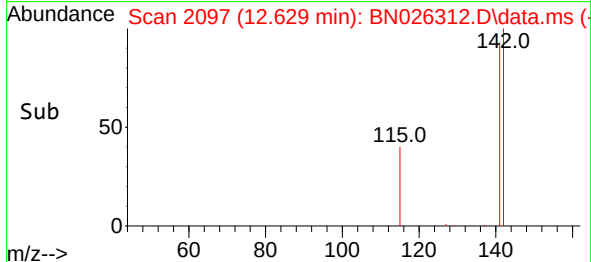
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3320
Ion Ratio Lower Upper
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141 93.4 74.2 111.4

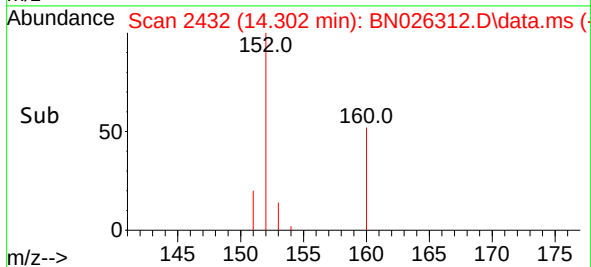
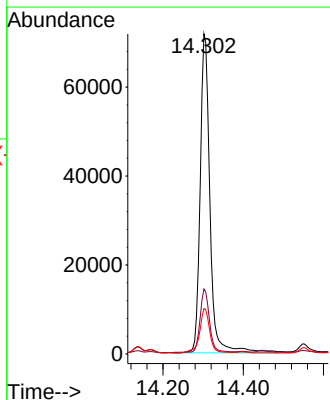
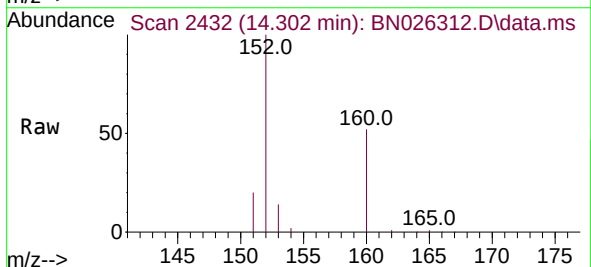
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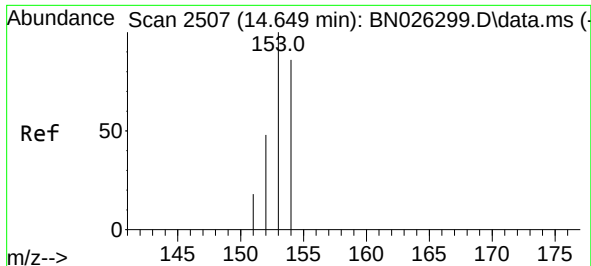
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#10
Acenaphthylene
Concen: 1.785 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

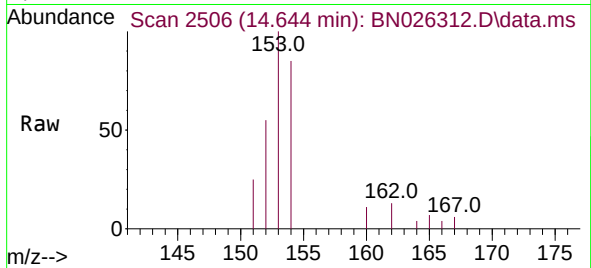
Tgt Ion:152 Resp: 121287
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.644 min Scan# 2110
Delta R.T. -0.010 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

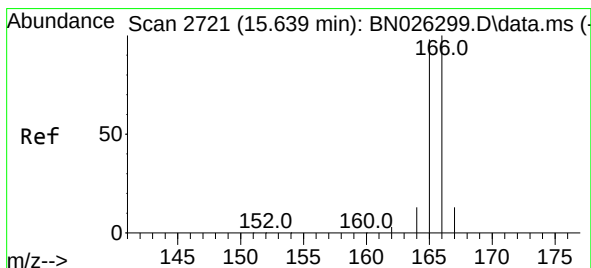
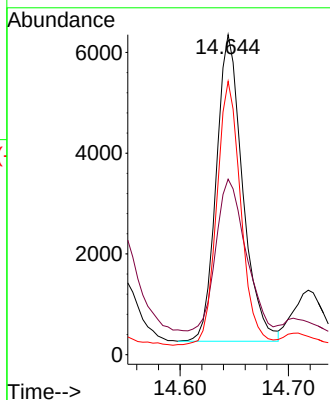
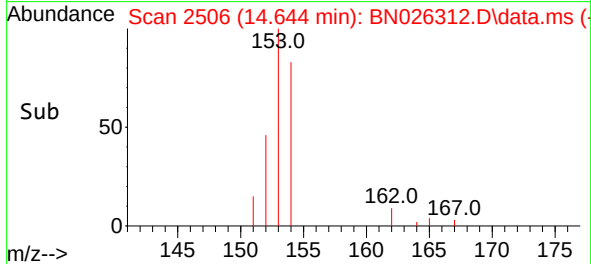
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 10302
Ion Ratio Lower Upper
153 100
152 54.9 39.4 59.0
154 85.4 68.9 103.3

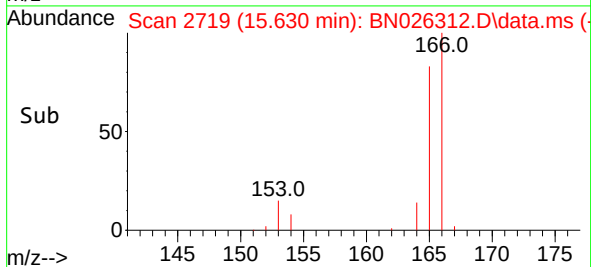
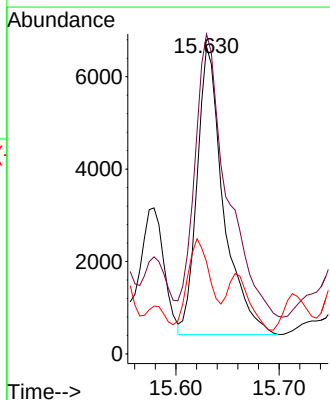
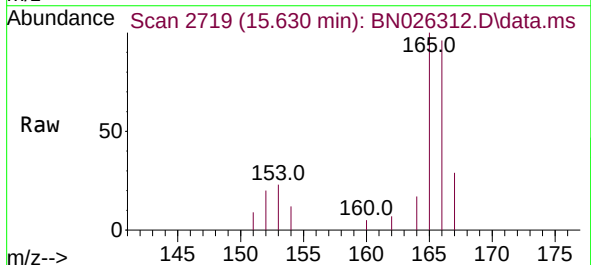
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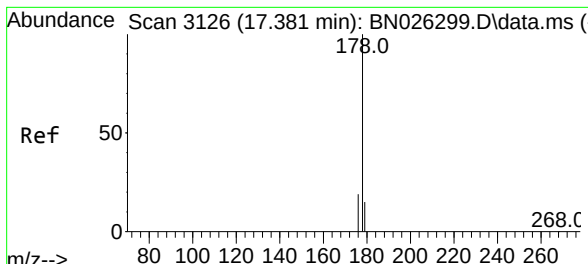
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. -0.015 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

Tgt Ion:166 Resp: 11091
Ion Ratio Lower Upper
166 100
165 104.1 79.9 119.9
167 29.9 10.8 16.2#





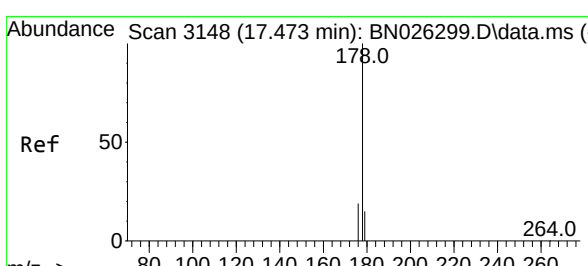
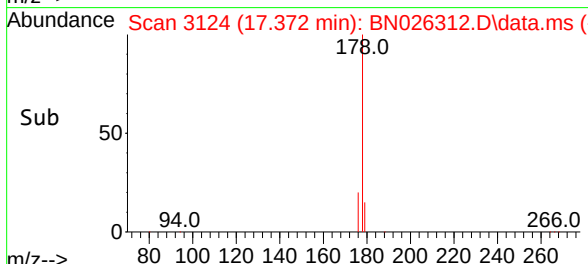
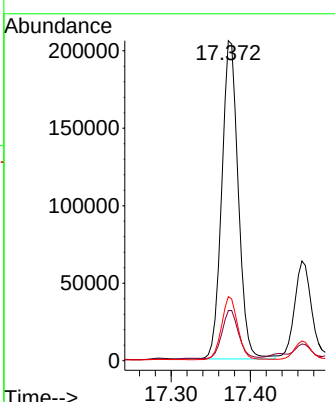
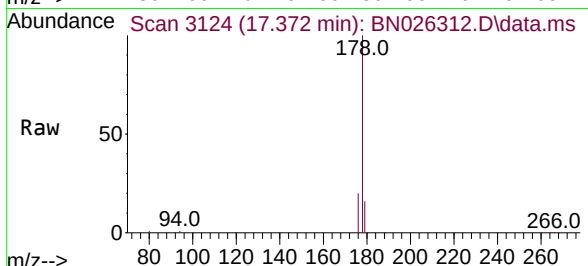
#15
 Phenanthrene
 Concen: 3.279 ng/ul
 RT: 17.372 min Scan# 3124
 Delta R.T. -0.013 min
 Lab File: BN026312.D
 Acq: 06 Jul 2023 03:20

Instrument : BNA_N
 ClientSampleId : DCGP5

Tgt Ion:178 Resp: 298440

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.0	15.8	23.6

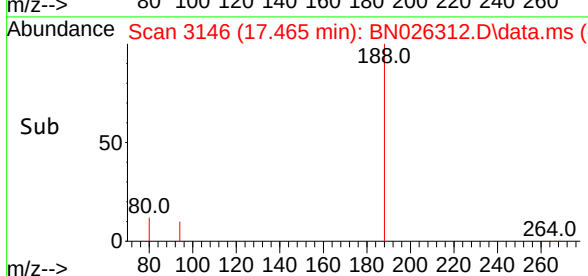
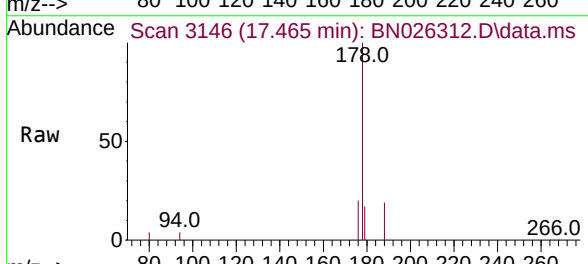
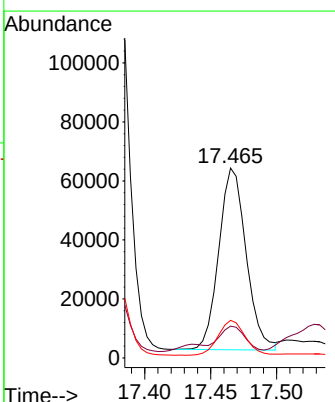
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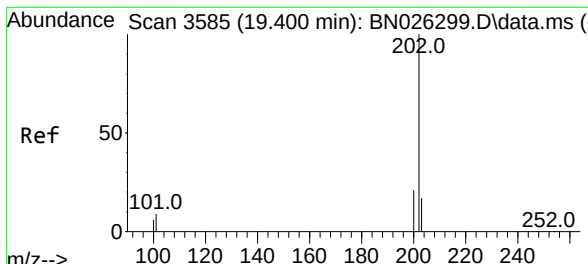


#16
 Anthracene
 Concen: 1.095 ng/ul
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.013 min
 Lab File: BN026312.D
 Acq: 06 Jul 2023 03:20

Tgt Ion:178 Resp: 88600

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	19.8	15.1	22.7





#19
 Fluoranthene
 Concen: 10.515 ng/u1
 RT: 19.391 min Scan# 3583
 Delta R.T. -0.010 min
 Lab File: BN026312.D
 Acq: 06 Jul 2023 03:20

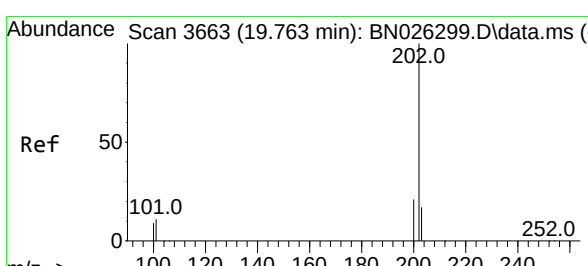
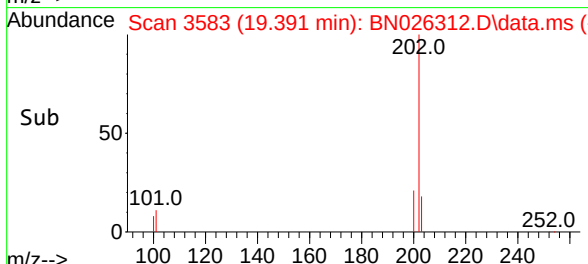
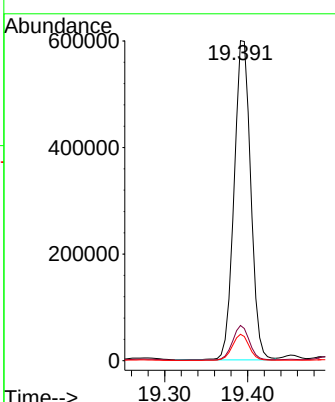
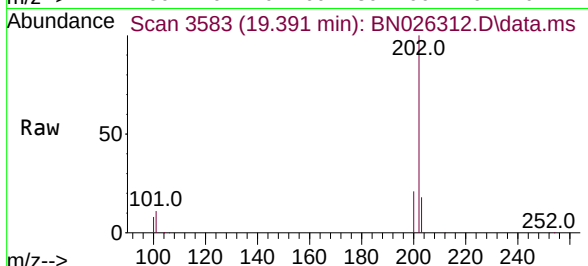
Instrument :
 BNA_N
 ClientSampleId :
 DCGP5

Tgt Ion:202 Resp: 835140

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.5	14.3
100	8.3	7.3	10.9

Manual Integrations
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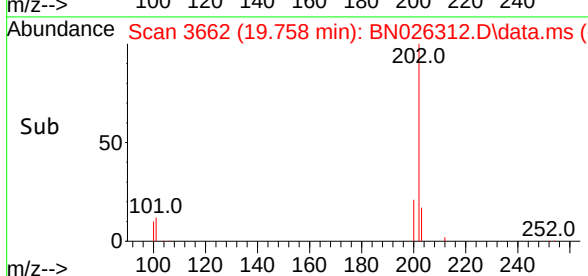
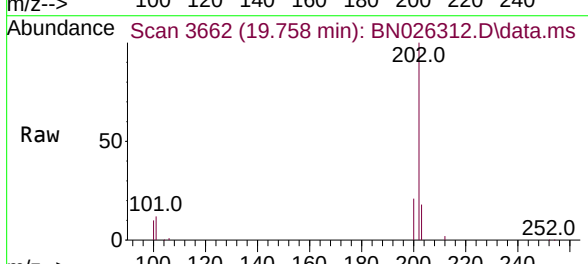
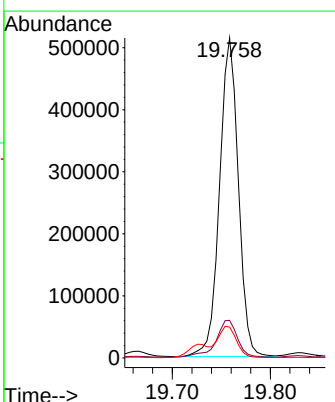
Reviewed By :Yogesh Patel 07/06/2023
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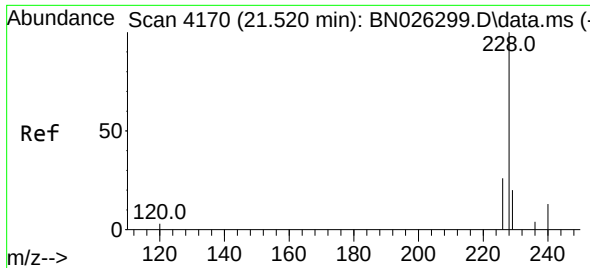


#20
 Pyrene
 Concen: 8.293 ng/u1
 RT: 19.758 min Scan# 3662
 Delta R.T. -0.005 min
 Lab File: BN026312.D
 Acq: 06 Jul 2023 03:20

Tgt Ion:202 Resp: 685048

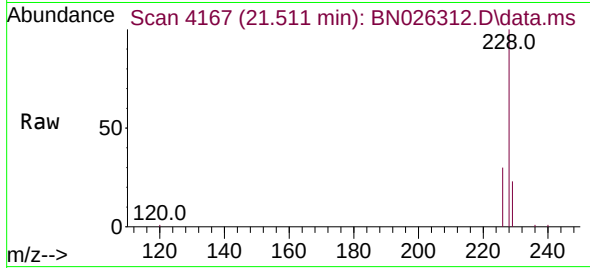
Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.4	17.0
100	9.7	9.1	13.7





#21
Benzo(a)anthracene
Concen: 5.706 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

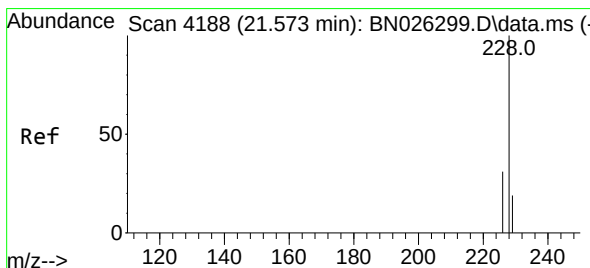
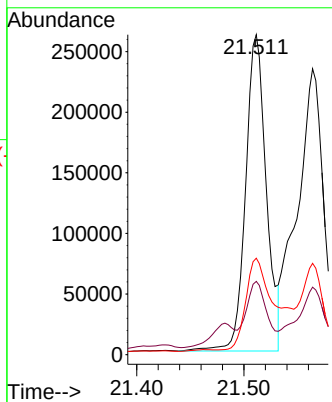
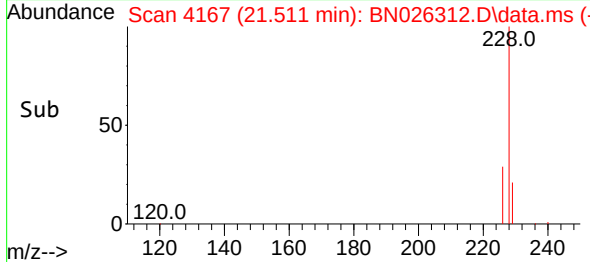
Instrument :
BNA_N
ClientSampleId :
DCGP5



Tgt Ion:228 Resp: 350010
Ion Ratio Lower Upper
228 100
229 22.9 15.8 23.6
226 30.2 22.5 33.7

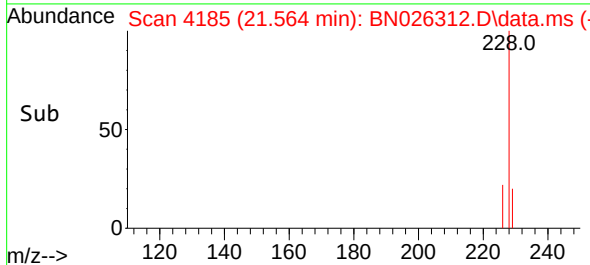
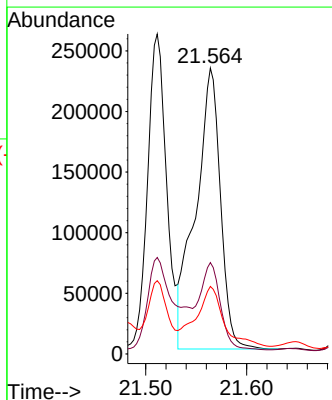
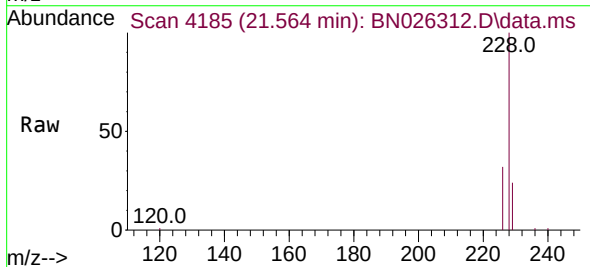
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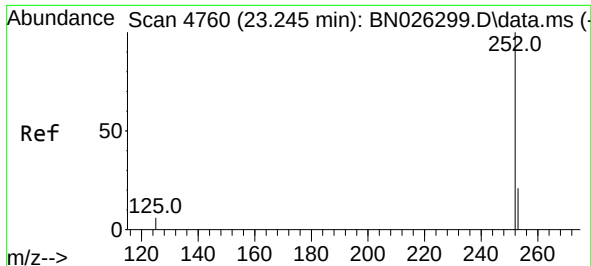
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#22
Chrysene
Concen: 6.205 ng/u1
RT: 21.564 min Scan# 4185
Delta R.T. -0.007 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

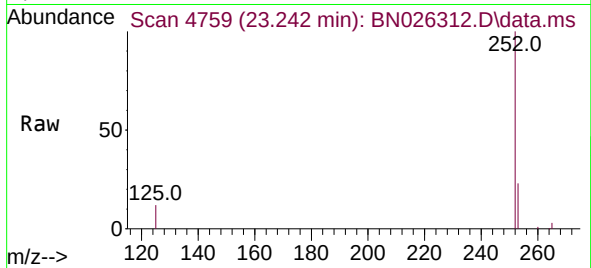
Tgt Ion:228 Resp: 396032
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 23.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 9.280 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.004 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

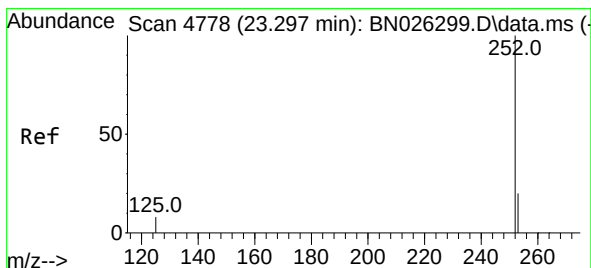
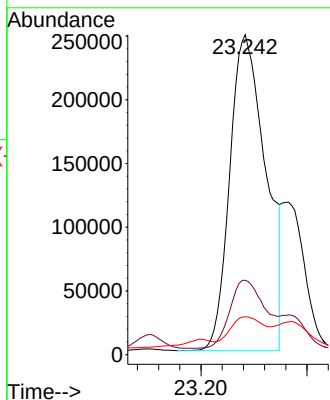
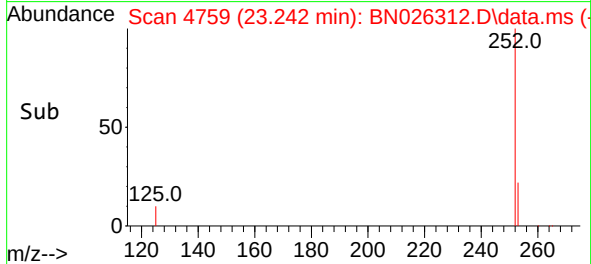
Instrument :
BNA_N
ClientSampleId :
DCGP5



Tgt Ion:252 Resp: 584572
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 11.8 0.0 35.8

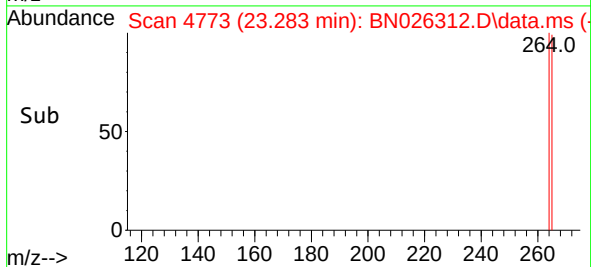
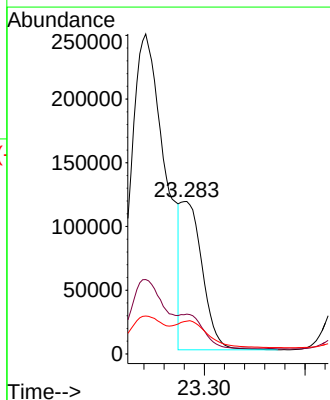
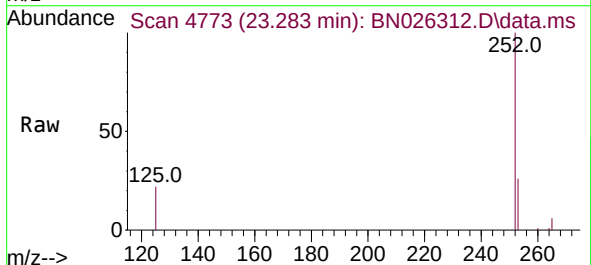
Manual Integrations
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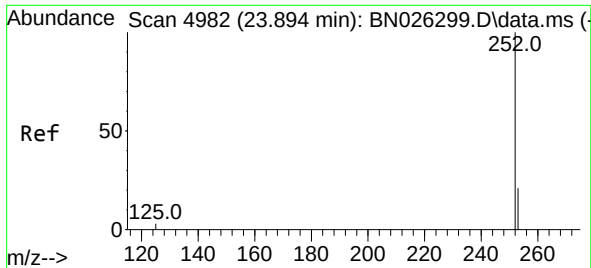
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 2.778 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

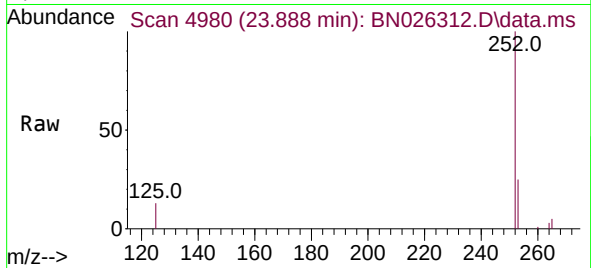
Tgt Ion:252 Resp: 175753
Ion Ratio Lower Upper
252 100
253 26.1 23.2 34.8
125 21.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 5.848 ng/ul
RT: 23.888 min Scan# 4982
Delta R.T. -0.001 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

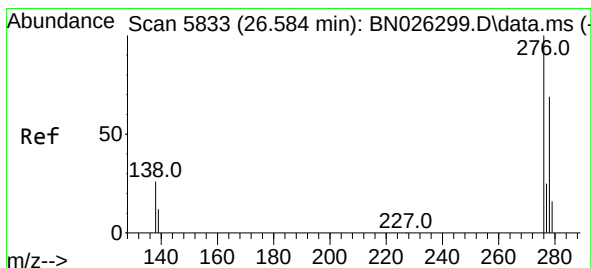
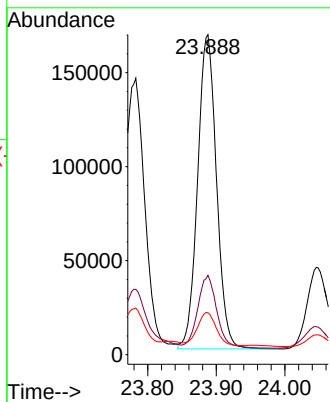
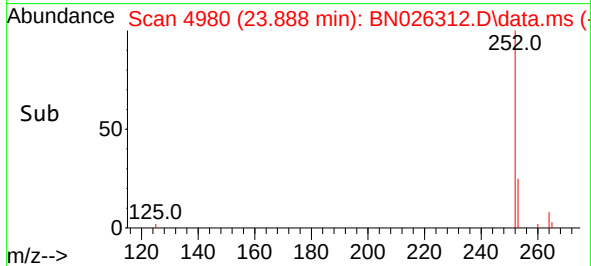
Instrument :
BNA_N
ClientSampleId :
DCGP5



Tgt Ion:252 Resp: 319950
Ion Ratio Lower Upper
252 100
253 24.8 26.0 39.0#
125 13.1 17.3 25.9#

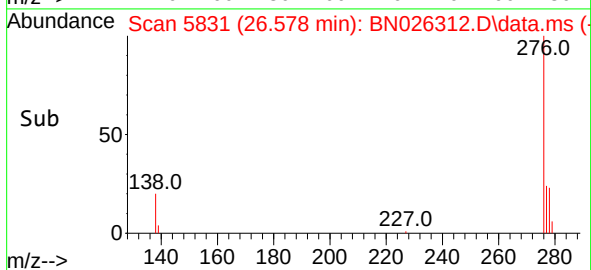
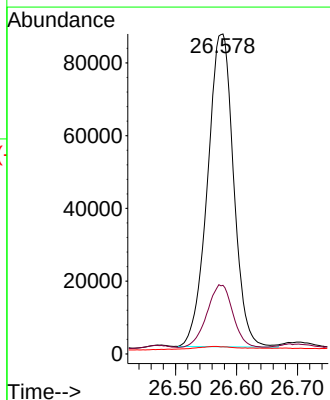
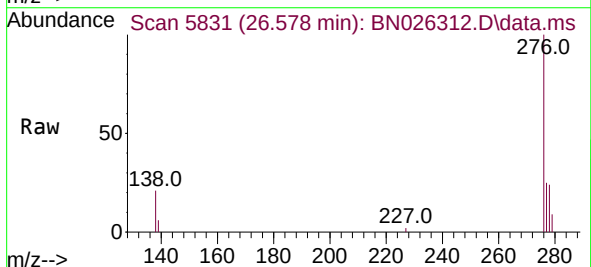
Manual Integrations
APPROVED

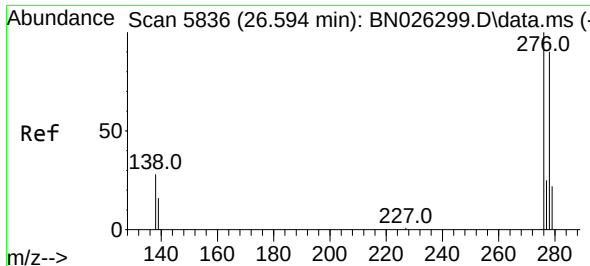
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.272 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

Tgt Ion:276 Resp: 255286
Ion Ratio Lower Upper
276 100
138 20.6 24.5 36.7#
227 3.7 0.0 0.0#





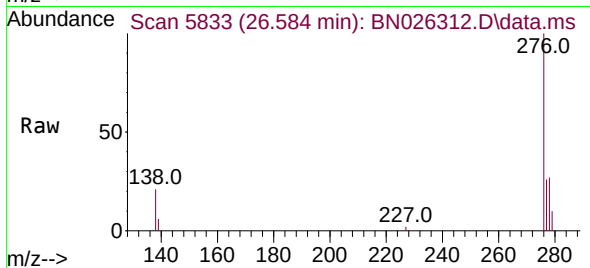
#28
Dibenzo(a,h)anthracene
Concen: 1.508 ng/ul
RT: 26.584 min Scan# 5836
Delta R.T. -0.011 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20

Instrument :

BNA_N

ClientSampleId :

DCGP5



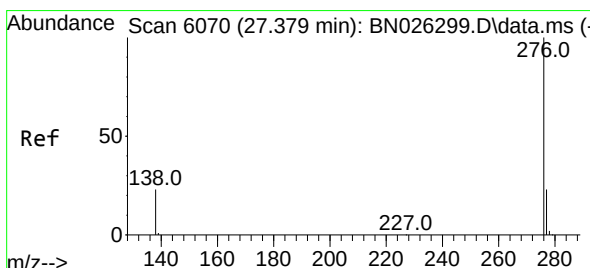
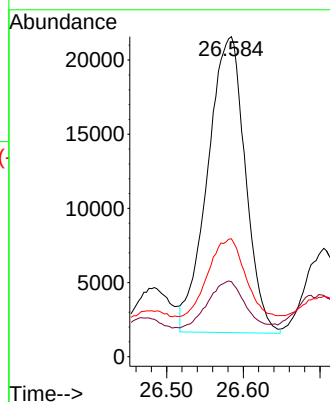
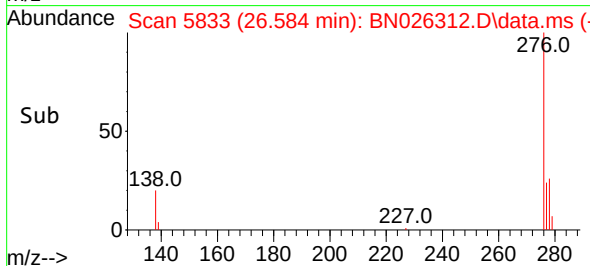
Tgt Ion:278 Resp: 6819
Ion Ratio Lower Upper
278 100
139 23.4 19.0 28.4
279 36.8 26.7 40.1

Manual Integrations

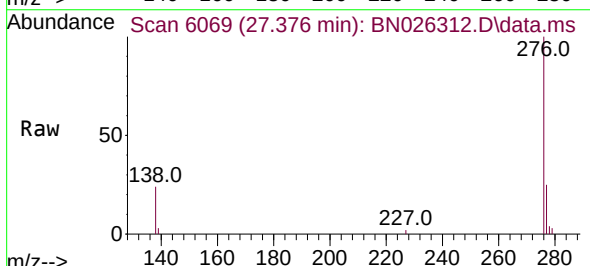
APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :mohammad ahmed 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 4.203 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.004 min
Lab File: BN026312.D
Acq: 06 Jul 2023 03:20



Tgt Ion:276 Resp: 223411
Ion Ratio Lower Upper
276 100
138 23.5 23.4 35.0
277 25.0 20.0 30.0

