

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026310.D
 Acq On : 06 Jul 2023 02:07
 Operator : MA/JU
 Sample : 03248-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP1

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 04:27:52 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	8488	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	27047	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.580	164	16380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	32768	0.400	ng/ul	-0.01
17) Chrysene-d12	21.527	240	16896	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	18392	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	32271	3.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	11983	0.288	ng/ul	-0.01
18) Fluoranthene-d10	19.359	212	22573	0.351	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	99332	1.281	ng/ul	99
7) 2-Methylnaphthalene	12.409	142	36682	0.743	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	28563	0.558	ng/ul	100
10) Acenaphthylene	14.303	152	96566	1.259	ng/ul	99
11) Acenaphthene	14.645	153	62018	0.988	ng/ul	99
12) Fluorene	15.630	166	60337	0.839	ng/ul	99
15) Phenanthrene	17.373	178	1206370	11.146	ng/ul	99
16) Anthracene	17.466	178	257599	2.678	ng/ul	100
19) Fluoranthene	19.392	202	2473363	27.407	ng/ul	95
20) Pyrene	19.759	202	1895654	20.195	ng/ul#	92
21) Benzo(a)anthracene	21.509	228	916909	13.155	ng/ul	98
22) Chrysene	21.565	228	994493	13.712	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	1449613m	18.466	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	506065m	6.420	ng/ul	
26) Benzo(a)pyrene	23.891	252	955543	14.015	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.578	276	748840	10.055	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.578	278	182368	3.236	ng/ul	97
29) Benzo(g,h,i)perylene	27.387	276	614410	9.275	ng/ul#	90

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

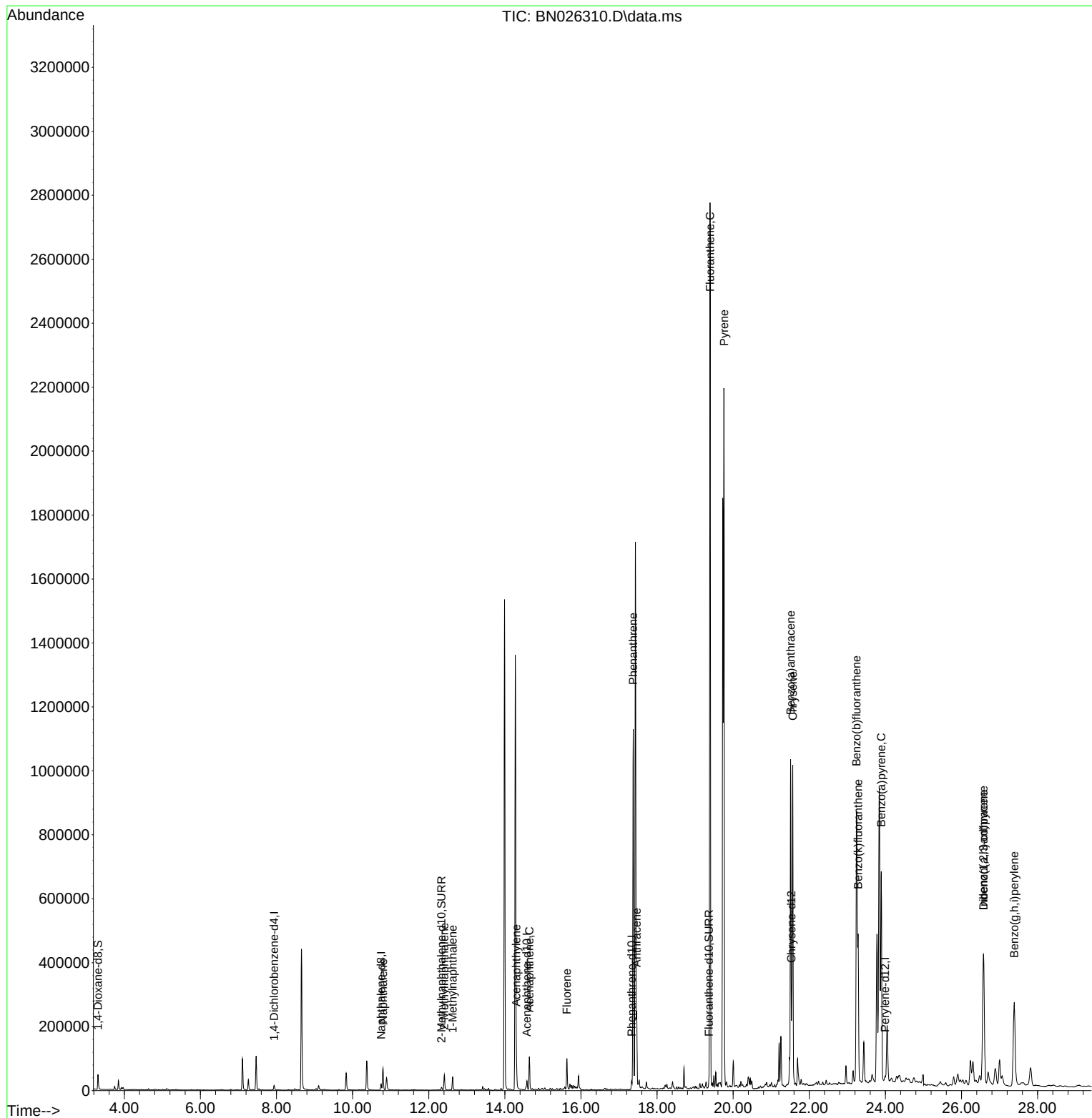
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
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ALS Vial : 28 Sample Multiplier: 1

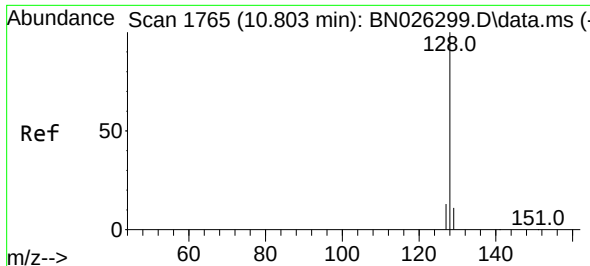
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Quant Time: Jul 06 04:27:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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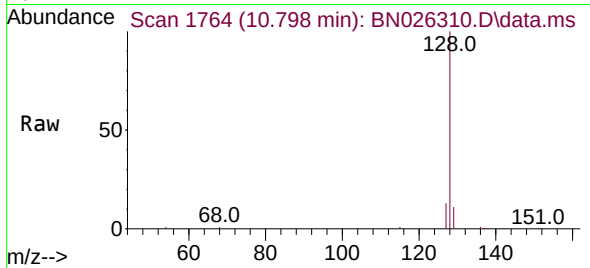
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023





#5
Naphthalene
Concen: 1.281 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

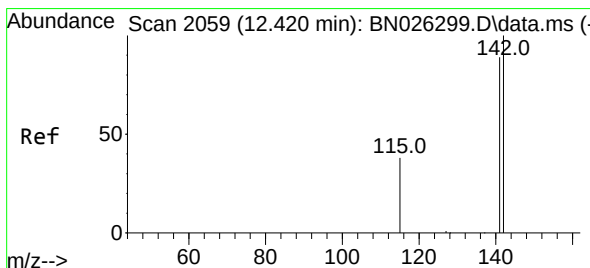
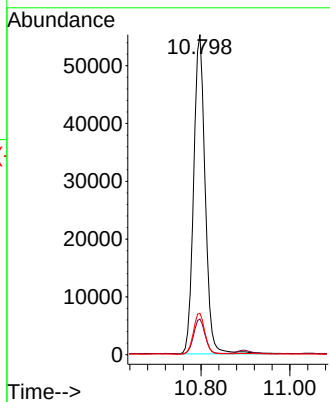
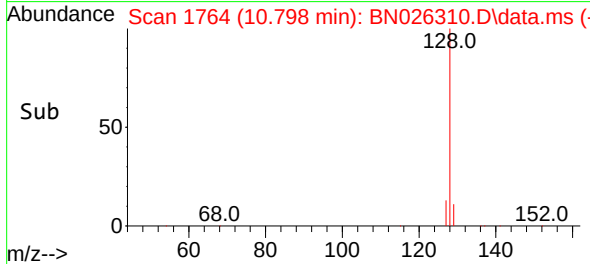
Instrument :
BNA_N
ClientSampleId :
DCGP1



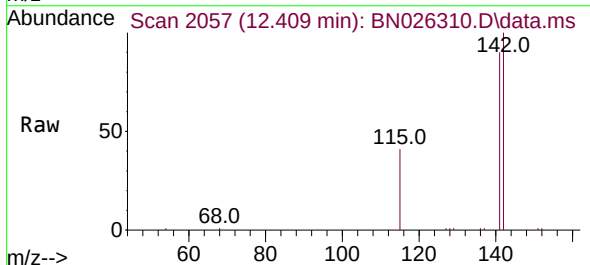
Tgt Ion:128 Resp: 99332
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.7 16.1

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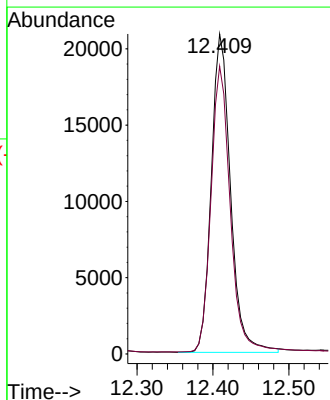
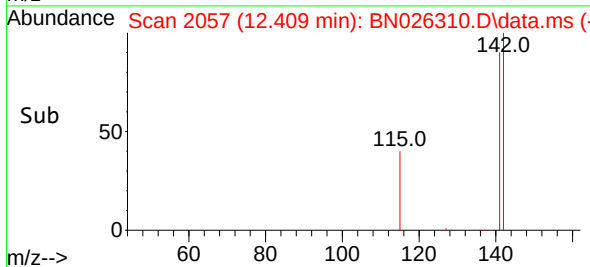
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

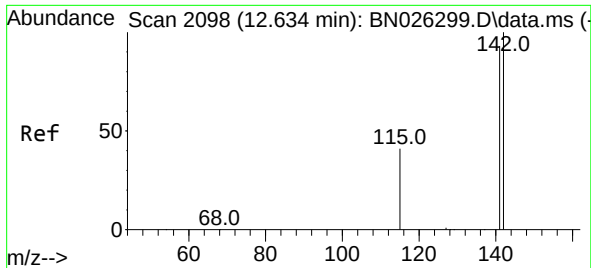


#7
2-Methylnaphthalene
Concen: 0.743 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.011 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07



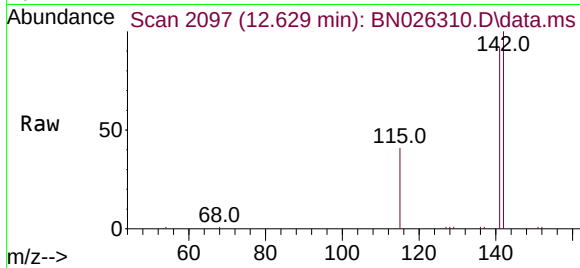
Tgt Ion:142 Resp: 36682
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.558 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

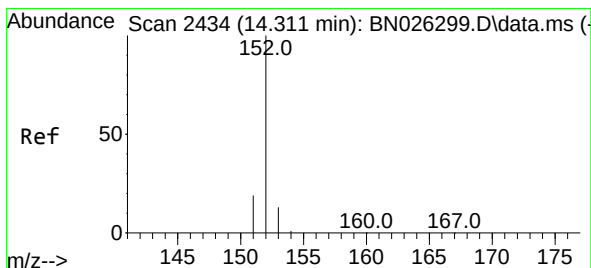
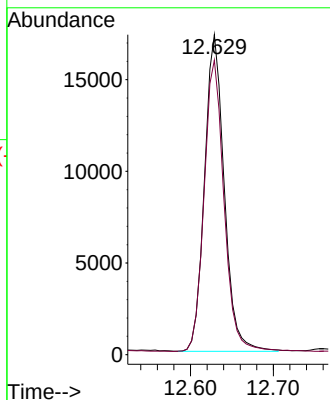
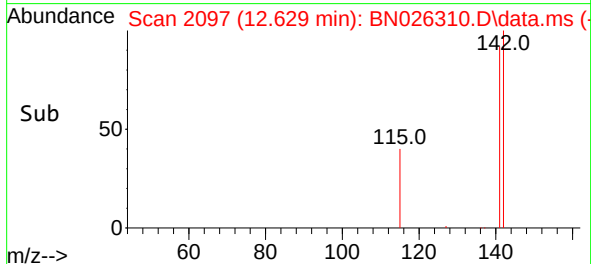
Instrument :
BNA_N
ClientSampleId :
DCGP1



Tgt Ion:142 Resp: 2856
Ion Ratio Lower Upper
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141 92.9 74.2 111.4

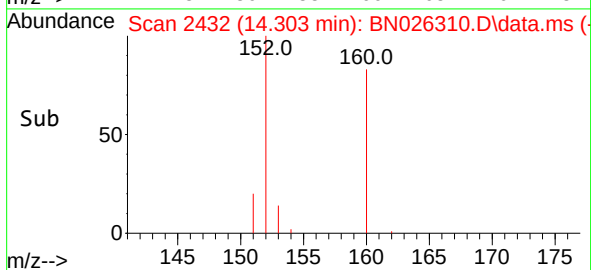
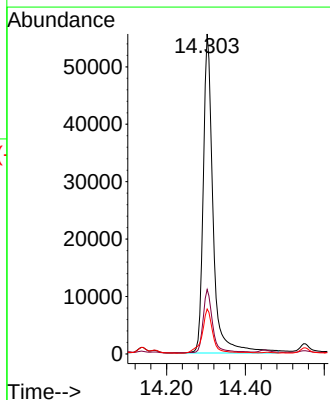
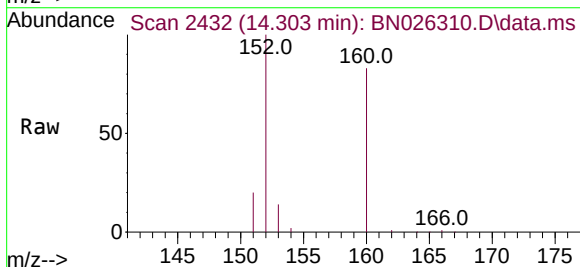
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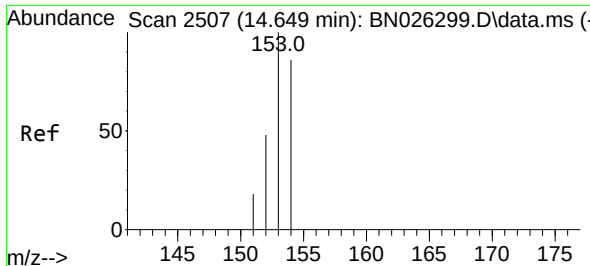
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#10
Acenaphthylene
Concen: 1.259 ng/ul
RT: 14.303 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

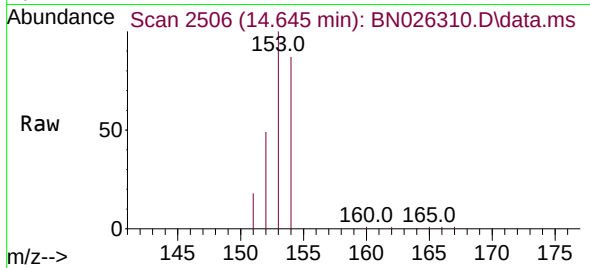
Tgt Ion:152 Resp: 96566
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.988 ng/ul
RT: 14.645 min Scan# 2507
Delta R.T. -0.009 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

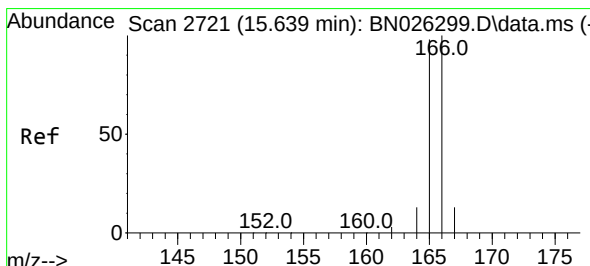
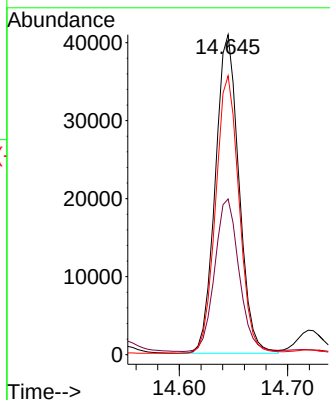
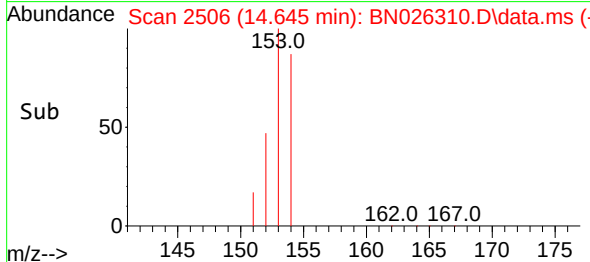
Instrument :
BNA_N
ClientSampleId :
DCGP1



Tgt Ion:153 Resp: 62018
Ion Ratio Lower Upper
153 100
152 48.7 39.4 59.0
154 87.1 68.9 103.3

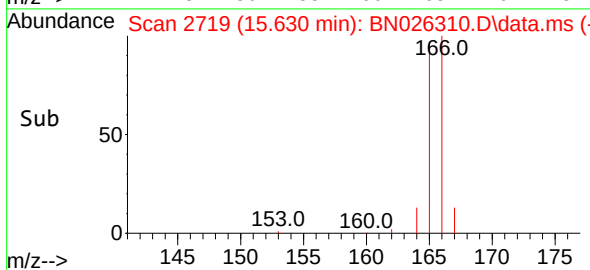
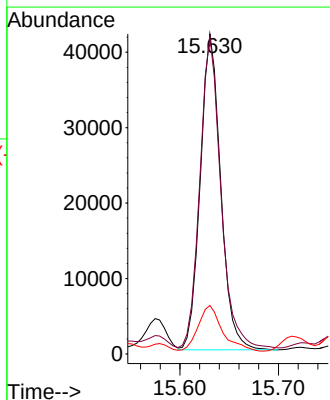
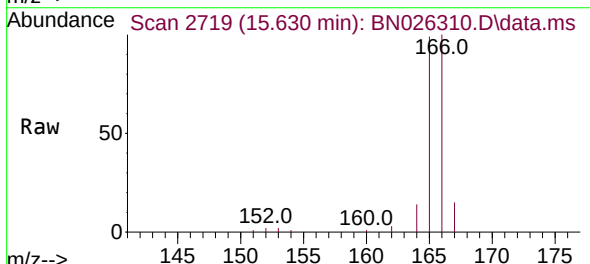
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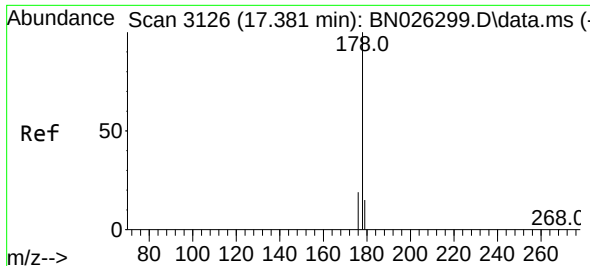
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#12
Fluorene
Concen: 0.839 ng/ul
RT: 15.630 min Scan# 2719
Delta R.T. -0.014 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

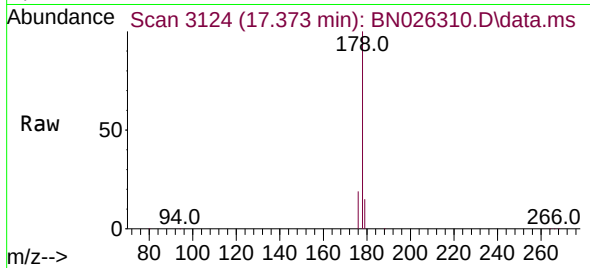
Tgt Ion:166 Resp: 60337
Ion Ratio Lower Upper
166 100
165 99.2 79.9 119.9
167 15.2 10.8 16.2





#15
Phenanthrene
Concen: 11.146 ng/u1
RT: 17.373 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

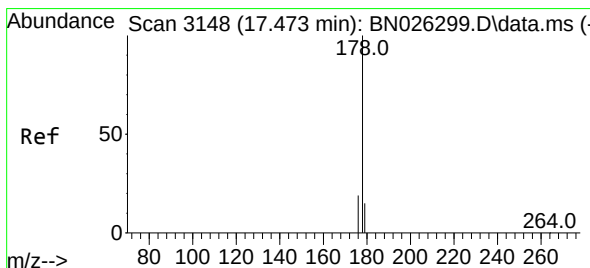
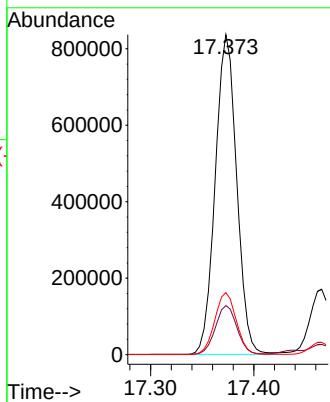
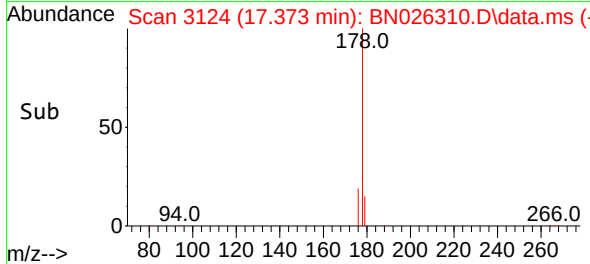
Instrument :
BNA_N
ClientSampleId :
DCGP1



Tgt Ion:178 Resp: 1206370
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

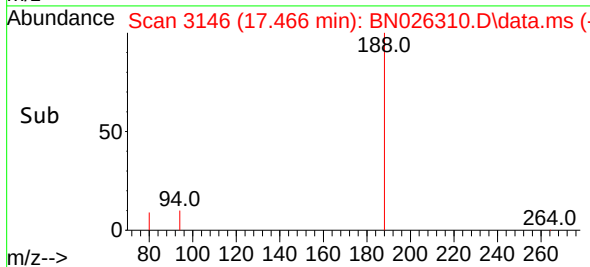
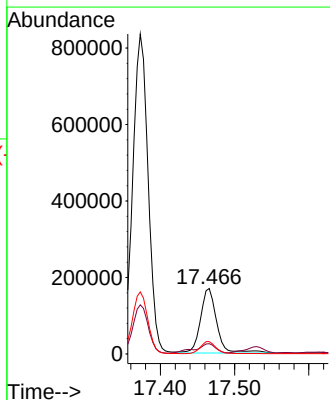
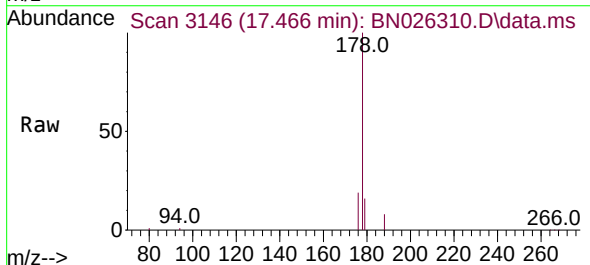
Manual Integrations
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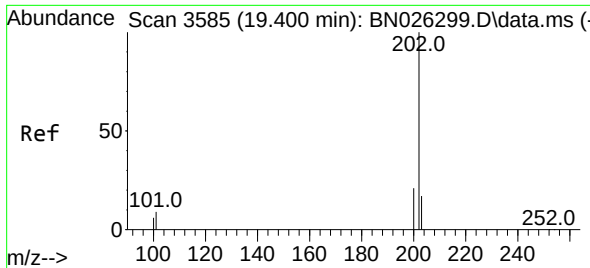
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#16
Anthracene
Concen: 2.678 ng/u1
RT: 17.466 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

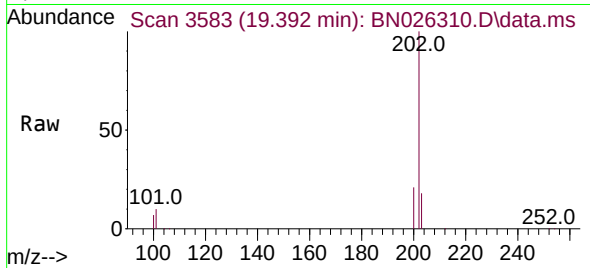
Tgt Ion:178 Resp: 257599
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.9 15.1 22.7





#19
Fluoranthene
Concen: 27.407 ng/u1
RT: 19.392 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

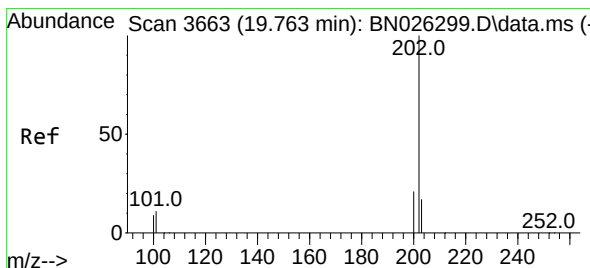
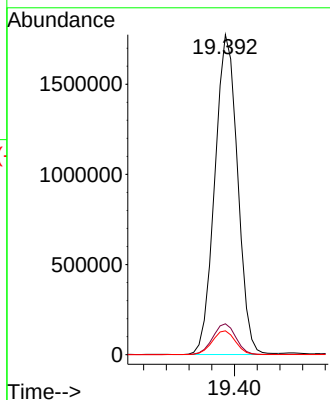
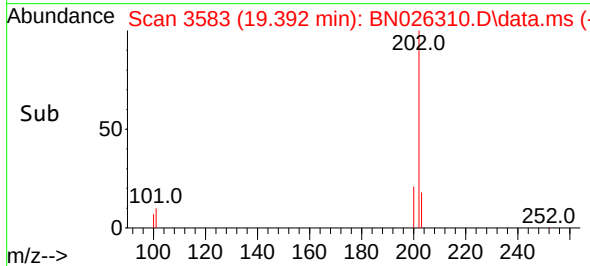
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ClientSampleId :
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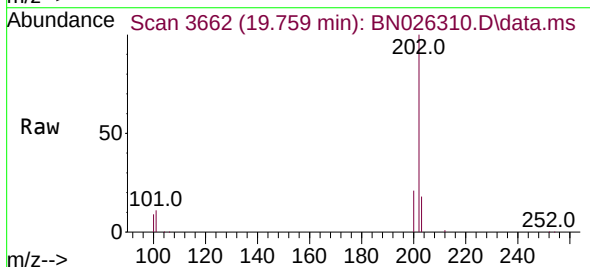
Tgt Ion:202 Resp: 247336
Ion Ratio Lower Upper
202 100
101 9.7 9.5 14.3
100 7.4 7.3 10.9

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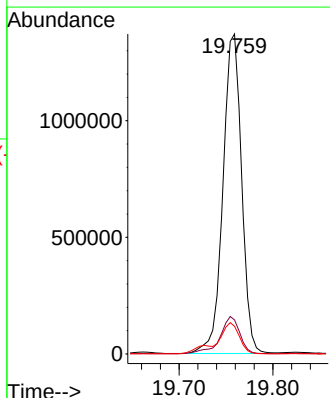
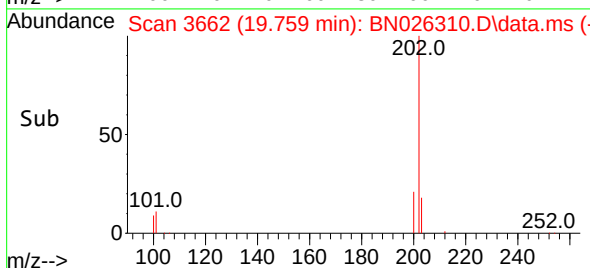
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

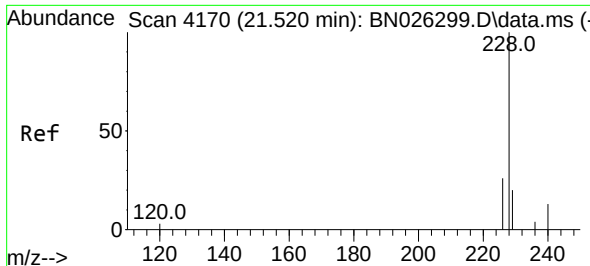


#20
Pyrene
Concen: 20.195 ng/u1
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07



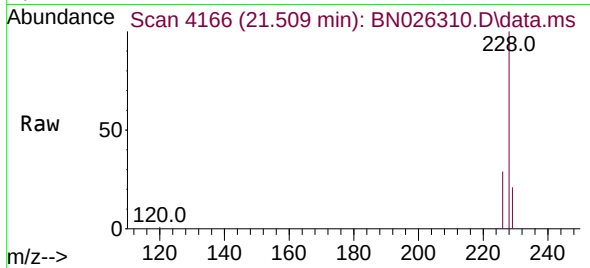
Tgt Ion:202 Resp: 1895654
Ion Ratio Lower Upper
202 100
101 10.7 11.4 17.0#
100 8.6 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 13.155 ng/u1
RT: 21.509 min Scan# 4166
Delta R.T. -0.006 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

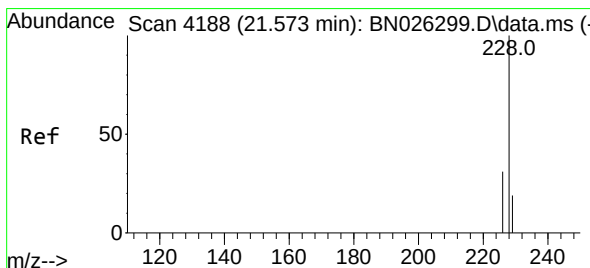
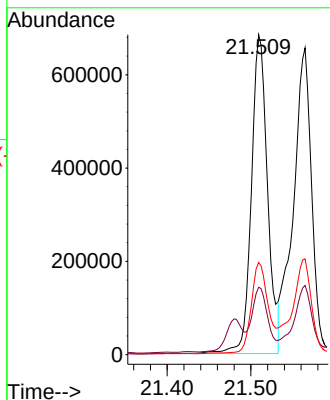
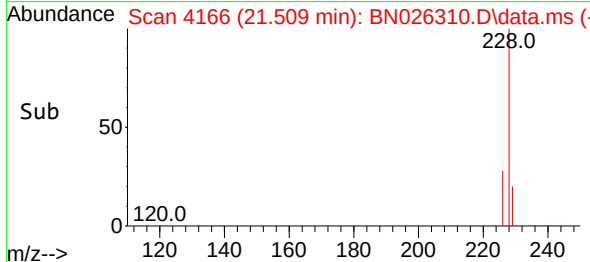
Instrument :
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Tgt Ion:228 Resp: 916909
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 28.8 22.5 33.7

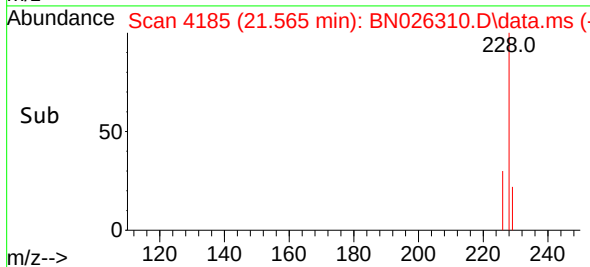
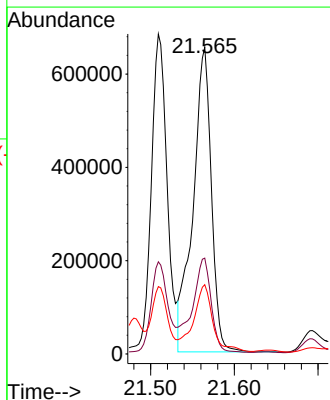
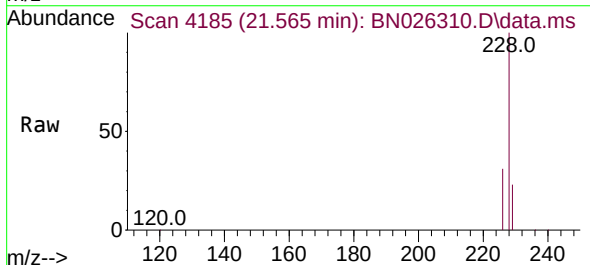
Manual Integrations
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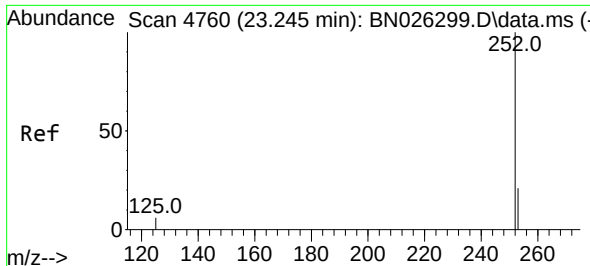
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#22
Chrysene
Concen: 13.712 ng/u1
RT: 21.565 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

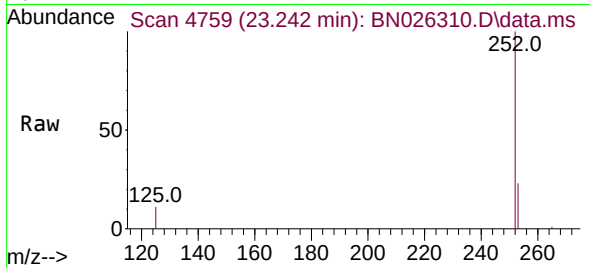
Tgt Ion:228 Resp: 994493
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 18.466 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

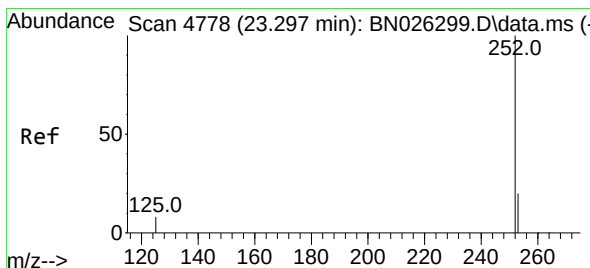
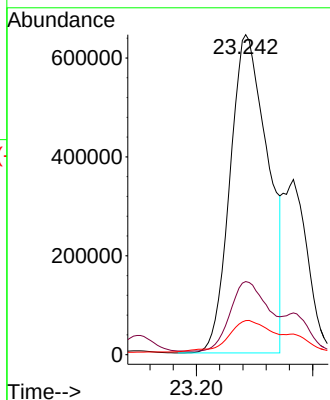
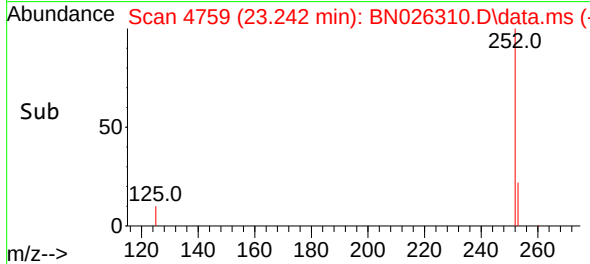
Instrument :
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ClientSampleId :
DCGP1



Tgt Ion:252 Resp: 144961
Ion Ratio Lower Upper
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253 22.8 0.0 55.6
125 10.7 0.0 35.8

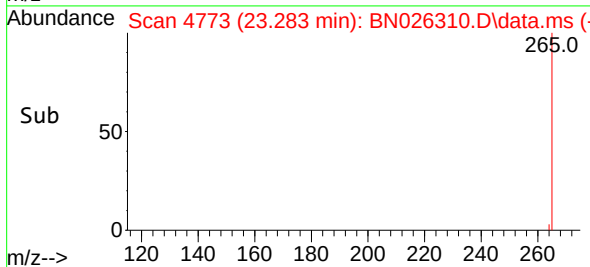
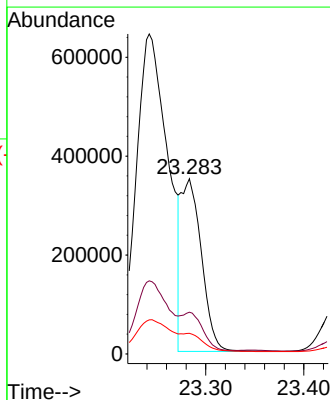
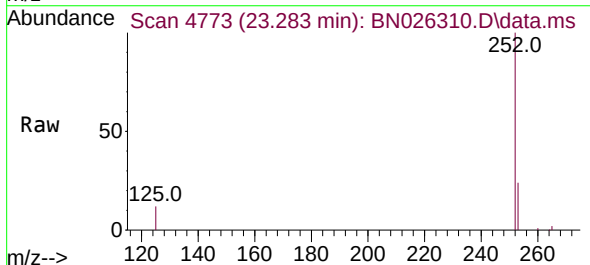
Manual Integrations
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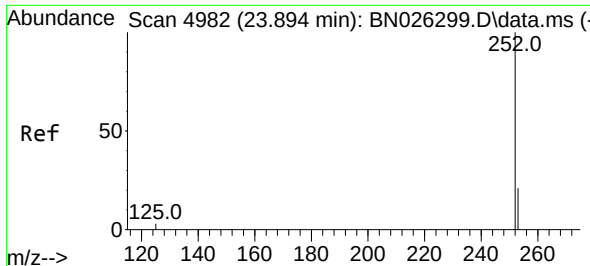
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 6.420 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.009 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

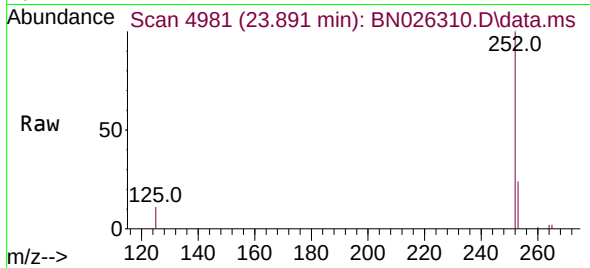
Tgt Ion:252 Resp: 506065
Ion Ratio Lower Upper
252 100
253 23.9 23.2 34.8
125 11.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 14.015 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.003 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

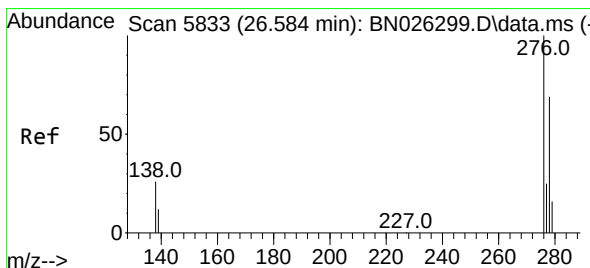
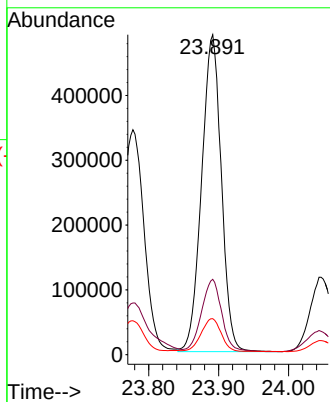
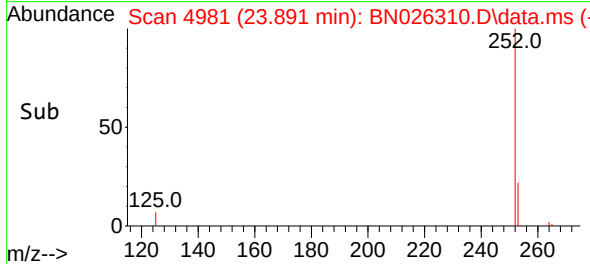
Instrument :
BNA_N
ClientSampleId :
DCGP1



Tgt Ion:252 Resp: 95554
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0#
125 11.3 17.3 25.9#

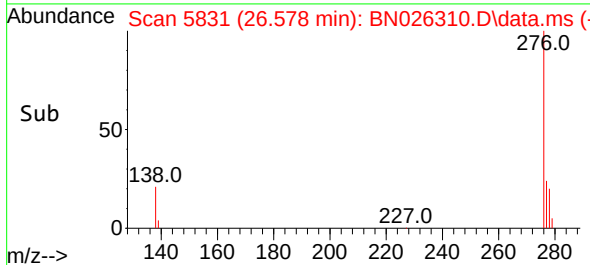
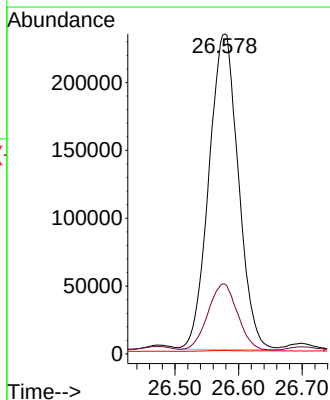
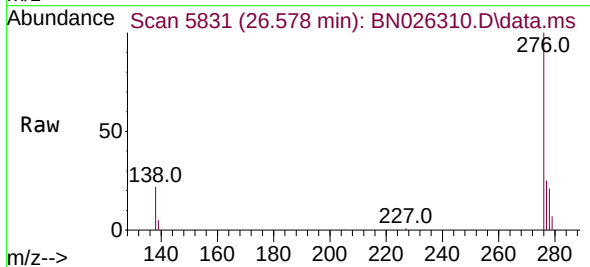
Manual Integrations
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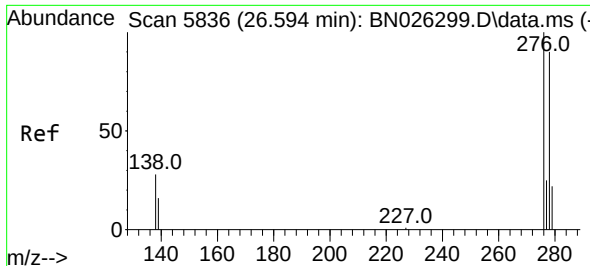
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.055 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.003 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

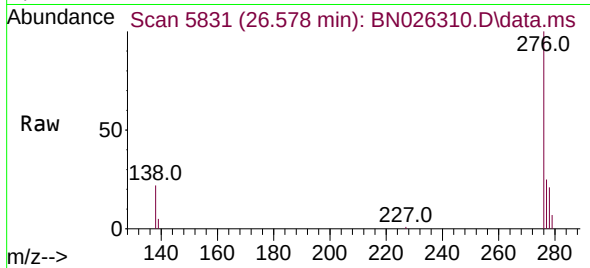
Tgt Ion:276 Resp: 748840
Ion Ratio Lower Upper
276 100
138 21.0 24.5 36.7#
227 0.5 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 3.236 ng/ul
RT: 26.578 min Scan# 5836
Delta R.T. -0.017 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07

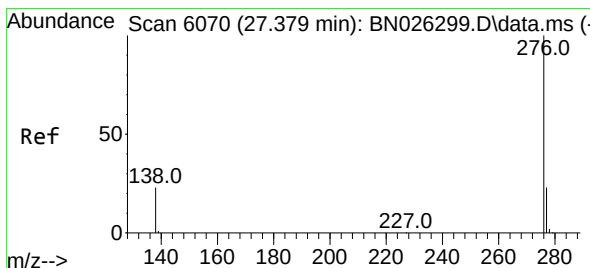
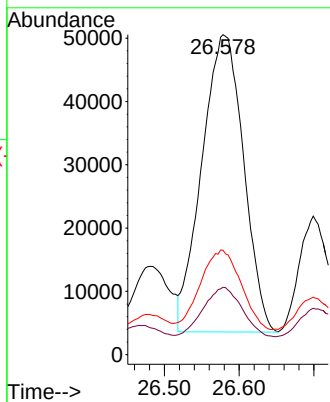
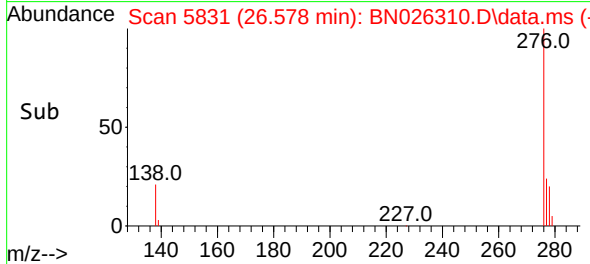
Instrument :
BNA_N
ClientSampleId :
DCGP1



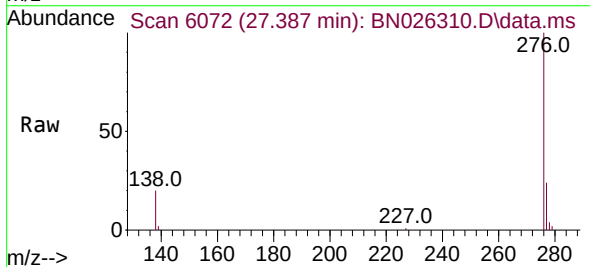
Tgt Ion:278 Resp: 182368
Ion Ratio Lower Upper
278 100
139 21.0 19.0 28.4
279 32.6 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 9.275 ng/ul
RT: 27.387 min Scan# 6072
Delta R.T. 0.007 min
Lab File: BN026310.D
Acq: 06 Jul 2023 02:07



Tgt Ion:276 Resp: 614410
Ion Ratio Lower Upper
276 100
138 20.1 23.4 35.0#
277 24.4 20.0 30.0

