

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026330.D
 Acq On : 06 Jul 2023 15:03
 Operator : MA/JU
 Sample : 03248-17DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 18:21:30 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 : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	5997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	21405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	12828	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	25102	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	14442	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	14938	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4922	0.729	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1572	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	3038	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.797	128	16147	0.263	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	9233	0.236	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	6466	0.160	ng/ul	99
10) Acenaphthylene	14.303	152	26462	0.441	ng/ul	98
11) Acenaphthene	14.645	153	2068	0.042	ng/ul#	92
12) Fluorene	15.630	166	2206	0.039	ng/ul#	87
15) Phenanthrene	17.373	178	60113	0.725	ng/ul	100
16) Anthracene	17.466	178	19698	0.267	ng/ul	96
19) Fluoranthene	19.392	202	176597	2.289	ng/ul	98
20) Pyrene	19.759	202	149359	1.862	ng/ul	95
21) Benzo(a)anthracene	21.515	228	74626	1.253	ng/ul	94
22) Chrysene	21.567	228	89443	1.443	ng/ul#	95
24) Benzo(b)fluoranthene	23.248	252	128485m	2.015	ng/ul	
25) Benzo(k)fluoranthene	23.286	252	38485m	0.601	ng/ul	
26) Benzo(a)pyrene	23.894	252	68634	1.239	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.575	276	54225	0.897	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.585	278	14263	0.312	ng/ul#	78
29) Benzo(g,h,i)perylene	27.376	276	46758	0.869	ng/ul	97

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

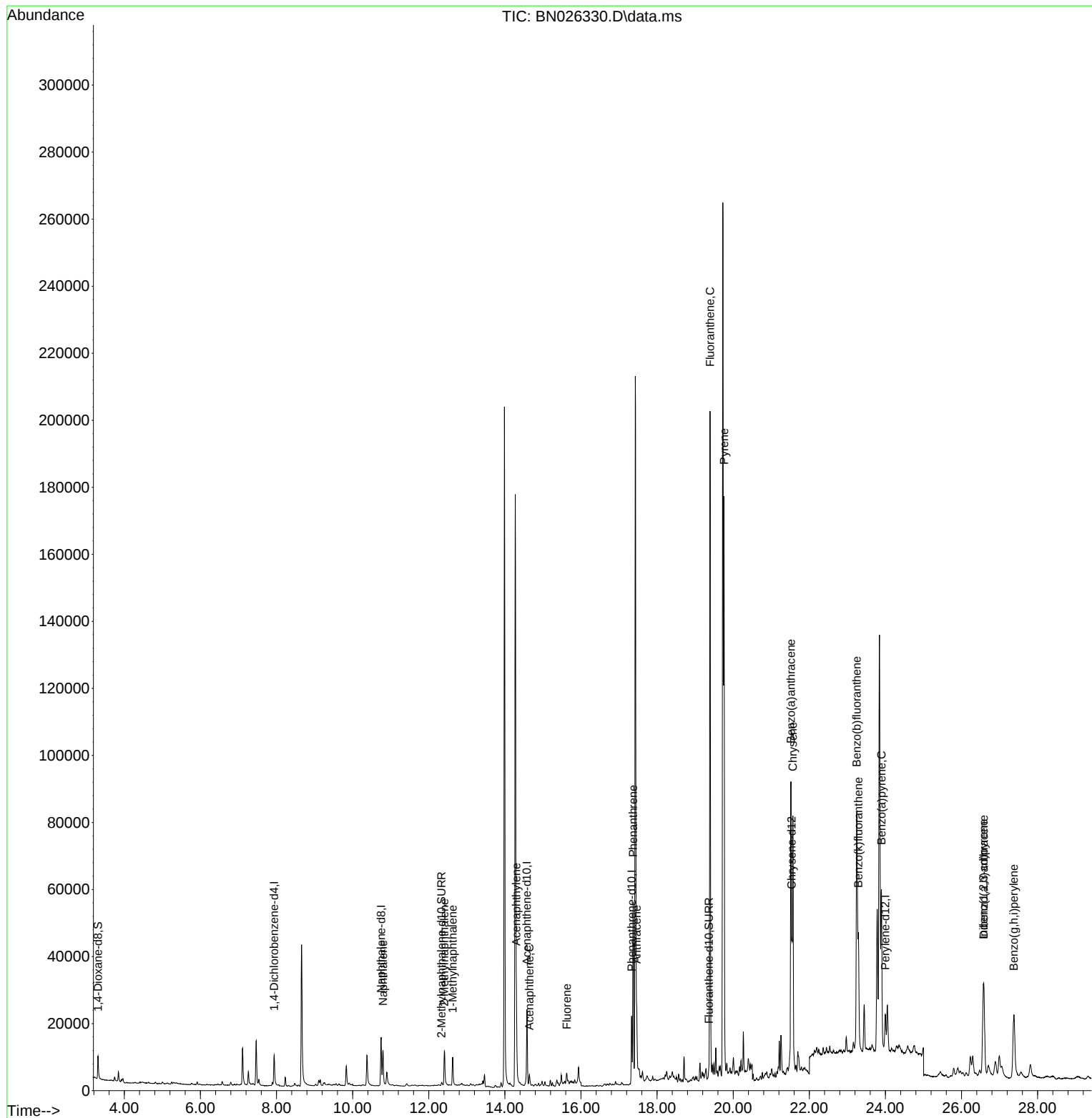
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
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ALS Vial : 49 Sample Multiplier: 1

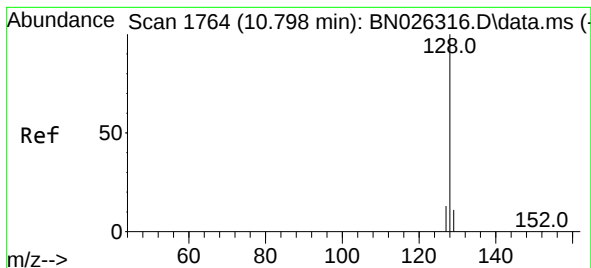
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Supervised By :Sohil Jodhani 07/06/2023





#5

Naphthalene

Concen: 0.263 ng/ul

RT: 10.797 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BN026330.D

Acq: 06 Jul 2023 15:03

Instrument :

BNA_N

ClientSampleId :

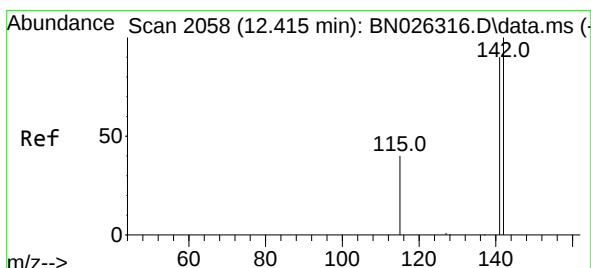
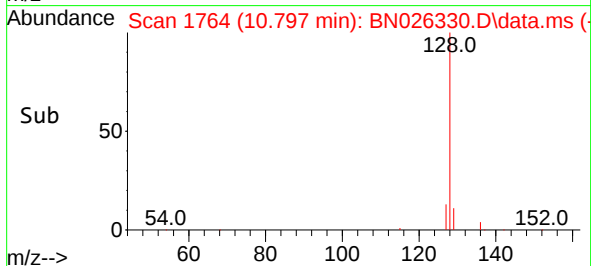
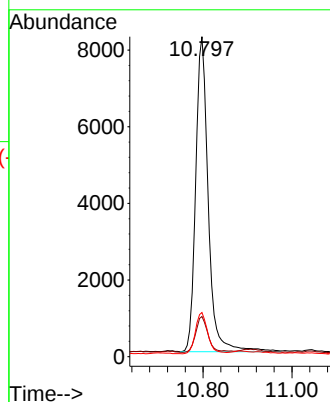
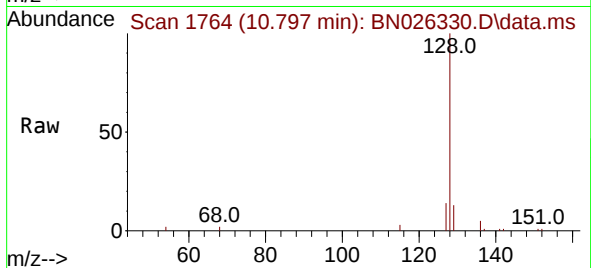
DCGP5DL

Tgt Ion:	128	Resp:	1614
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.1	13.7
127	13.8	10.7	16.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.236 ng/ul

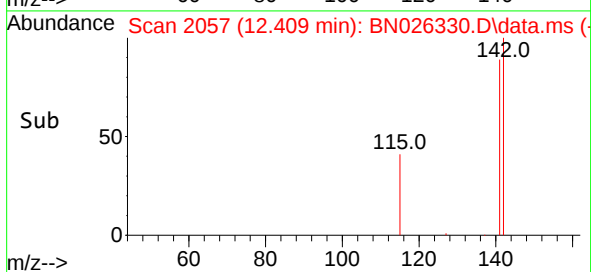
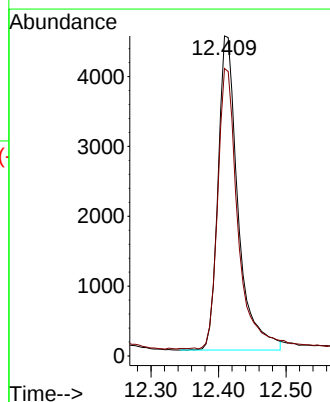
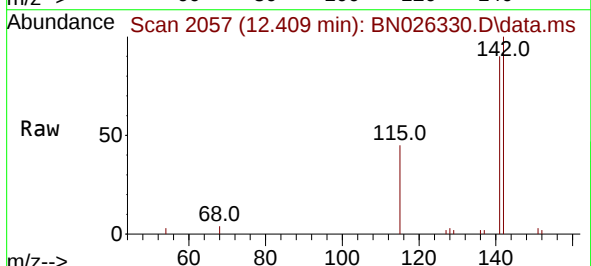
RT: 12.409 min Scan# 2057

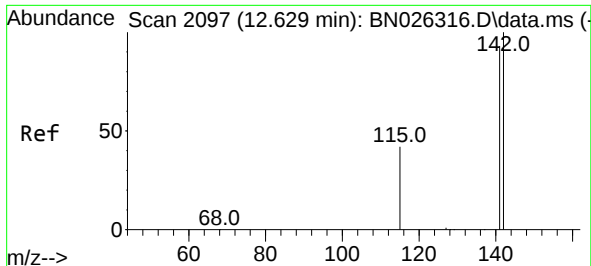
Delta R.T. -0.006 min

Lab File: BN026330.D

Acq: 06 Jul 2023 15:03

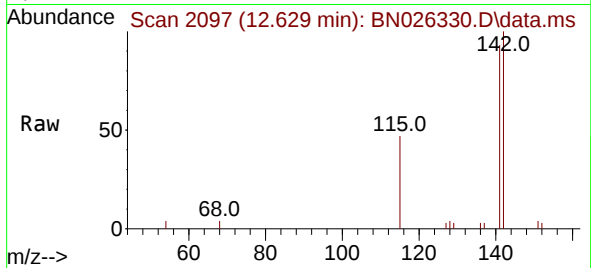
Tgt Ion:	142	Resp:	9233
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.9	107.9





#8
1-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

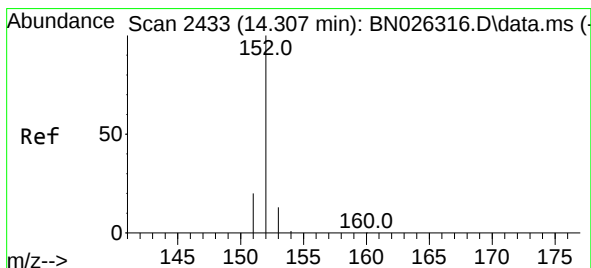
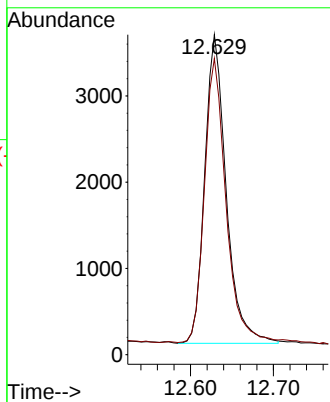
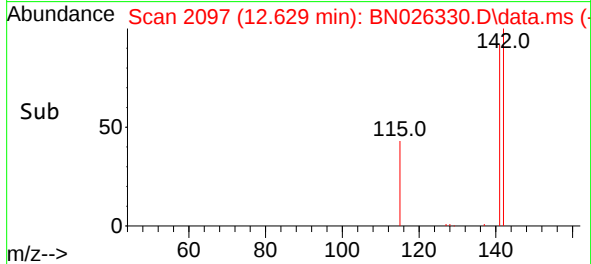
Instrument :
BNA_N
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Tgt Ion:142 Resp: 6460
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4

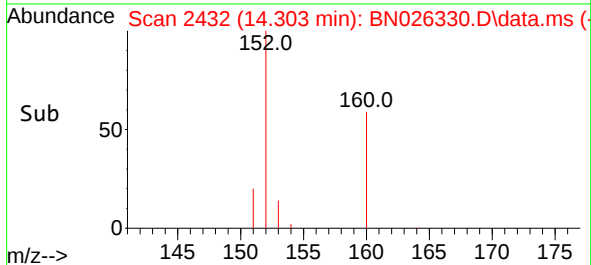
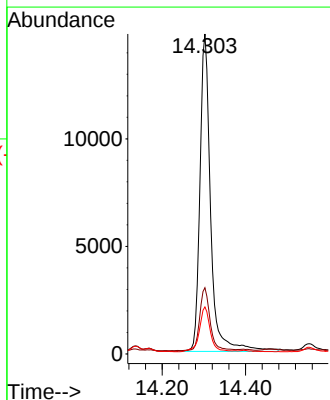
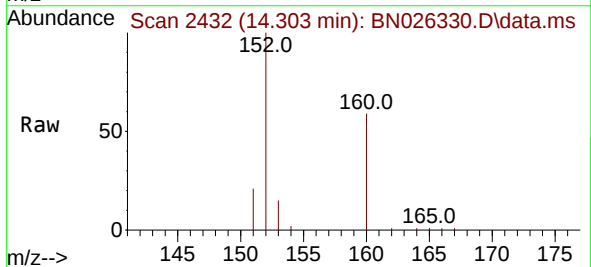
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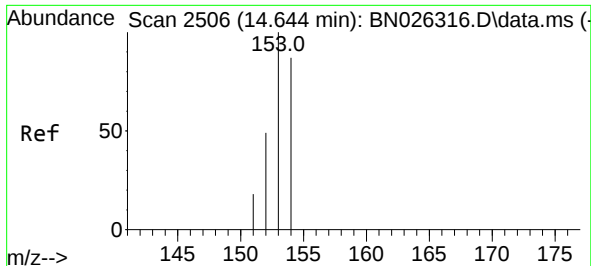
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.303 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

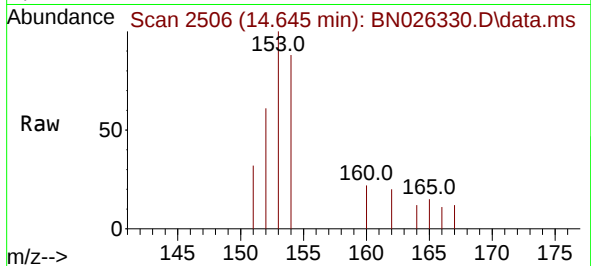
Tgt Ion:152 Resp: 26462
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.645 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

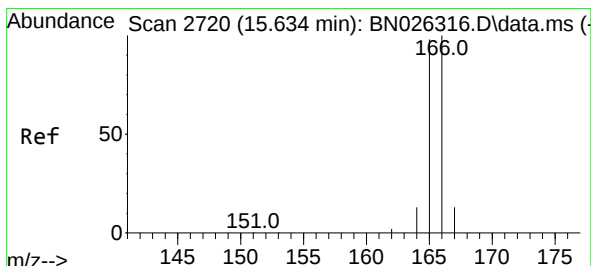
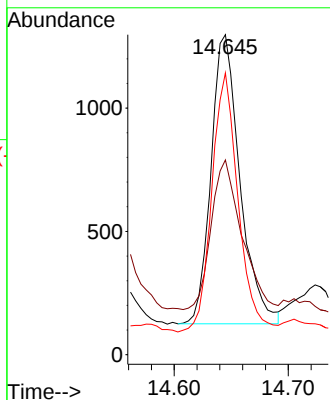
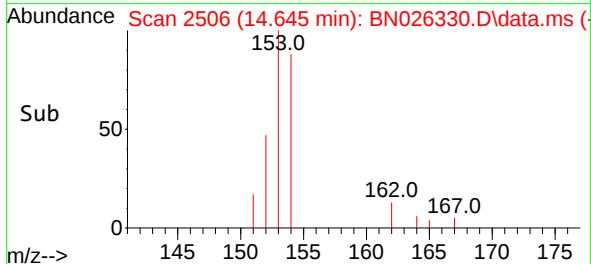
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 2068
Ion Ratio Lower Upper
153 100
152 60.9 39.4 59.0
154 88.1 68.9 103.3

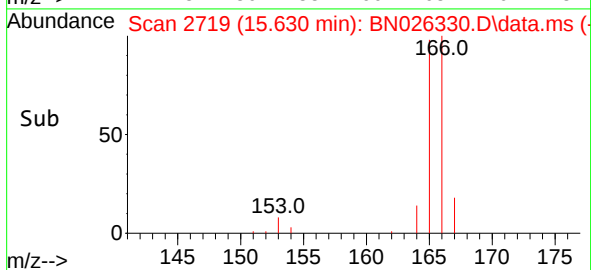
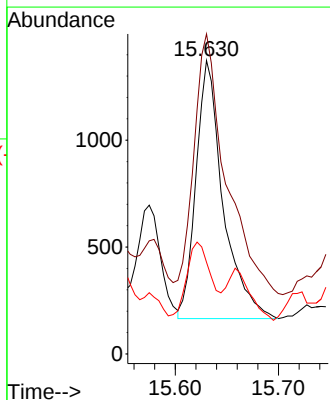
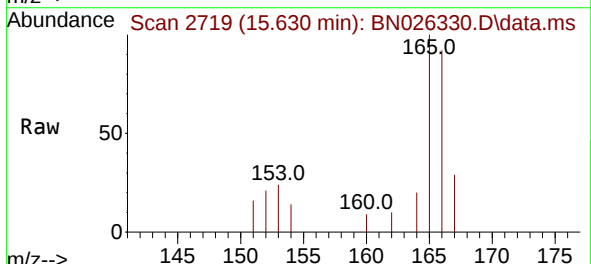
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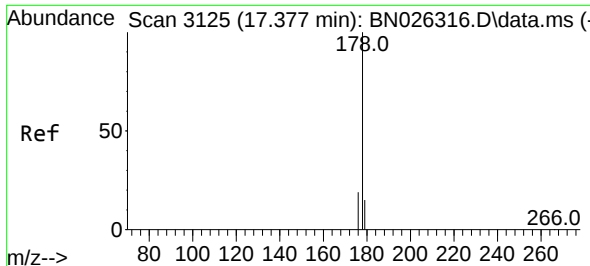
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.630 min Scan# 2719
Delta R.T. -0.004 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

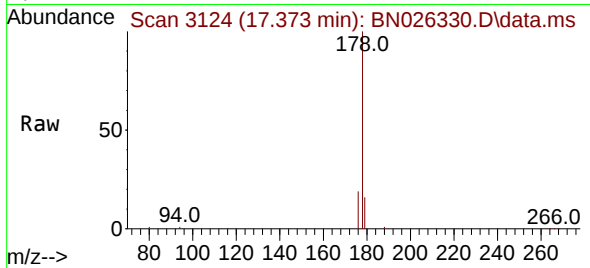
Tgt Ion:166 Resp: 2206
Ion Ratio Lower Upper
166 100
165 109.0 79.9 119.9
167 31.2 10.8 16.2#





#15
Phenanthrene
Concen: 0.725 ng/u1
RT: 17.373 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

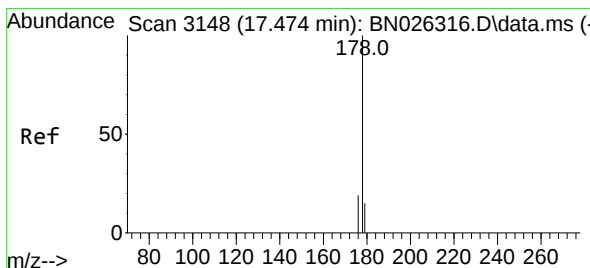
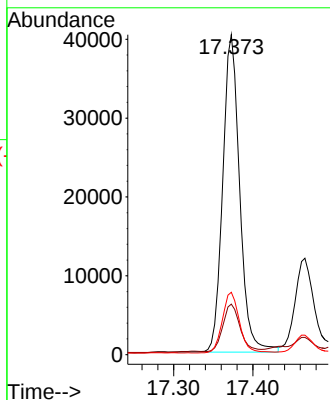
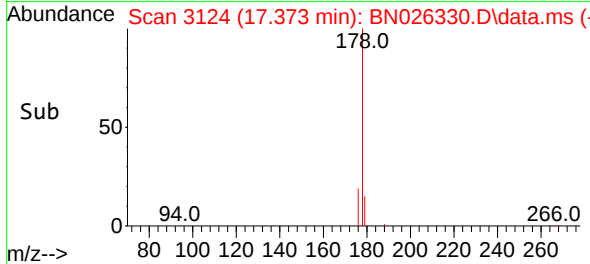
Instrument :
BNA_N
ClientSampleId :
DCGP5DL



Tgt Ion:178 Resp: 6011
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.5 15.8 23.6

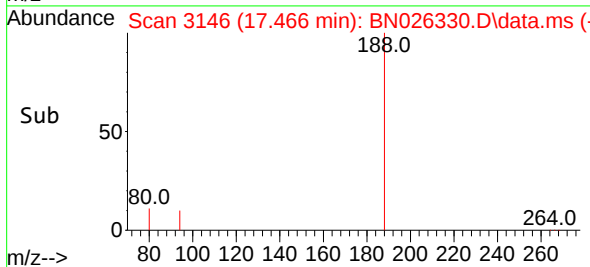
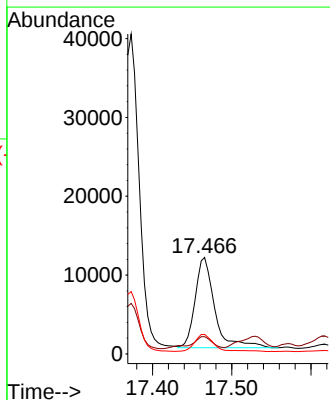
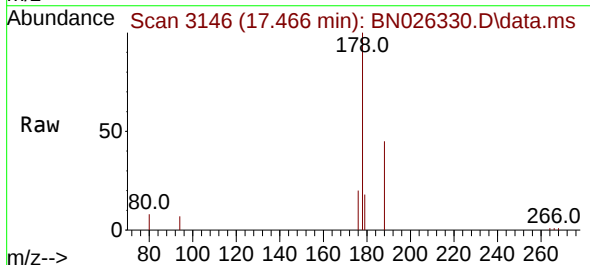
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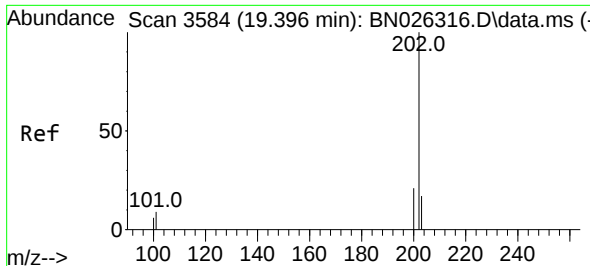
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.267 ng/u1
RT: 17.466 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

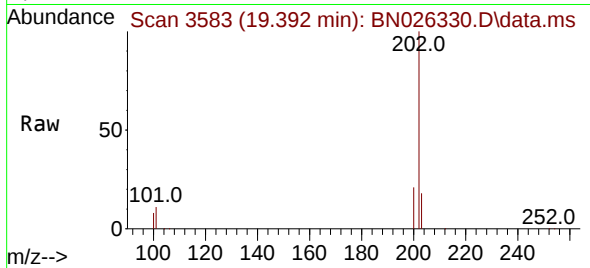
Tgt Ion:178 Resp: 19698
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.2 15.1 22.7





#19
Fluoranthene
Concen: 2.289 ng/u1
RT: 19.392 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

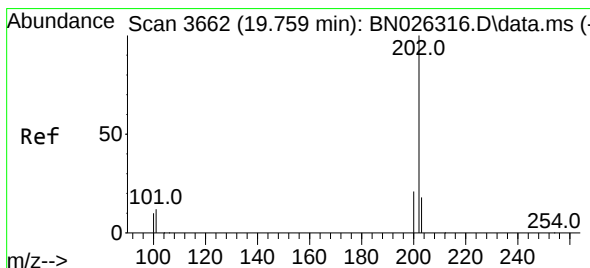
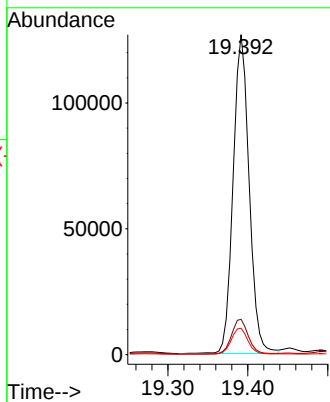
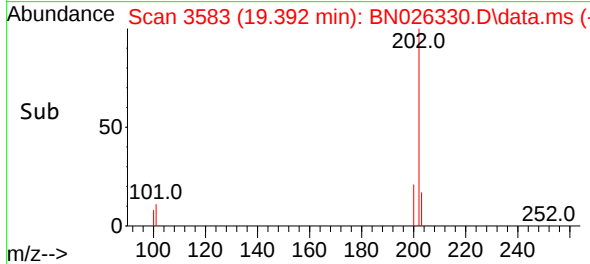
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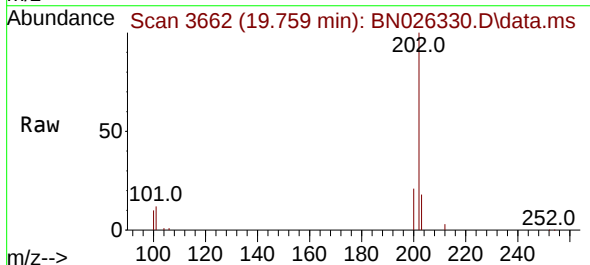
Tgt Ion:202 Resp: 176597
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.3 7.3 10.9

Manual Integrations
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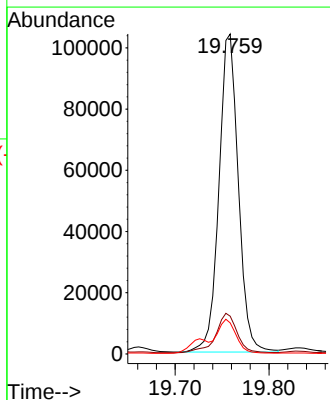
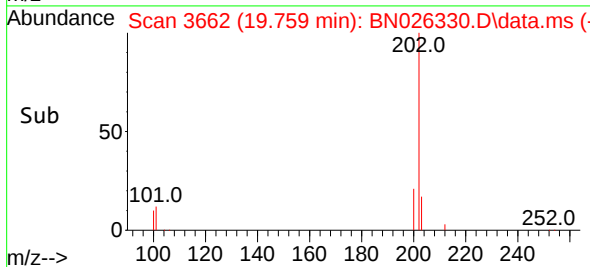
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

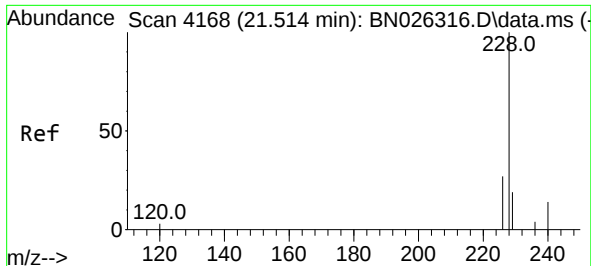


#20
Pyrene
Concen: 1.862 ng/u1
RT: 19.759 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03



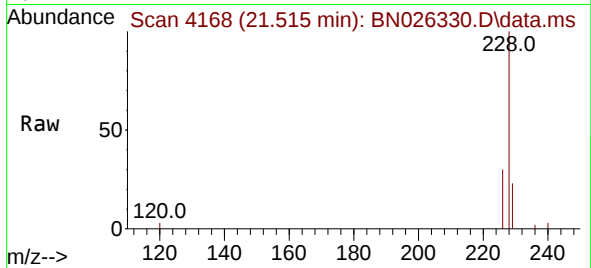
Tgt Ion:202 Resp: 149359
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.253 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

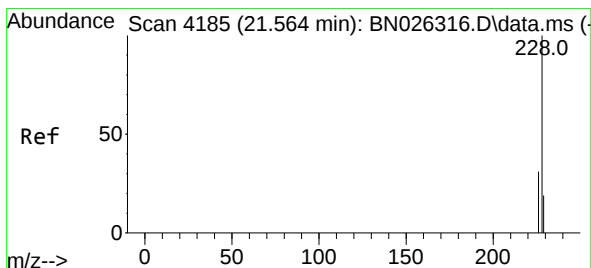
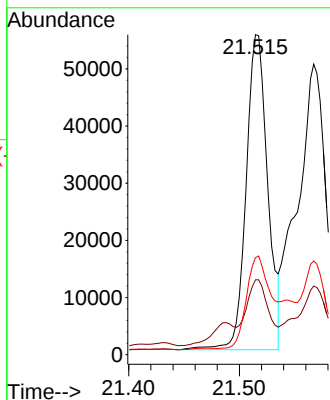
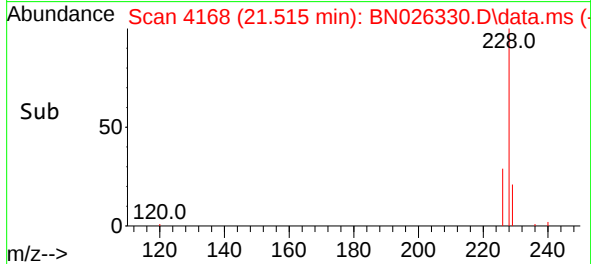
Instrument :
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DCGP5DL



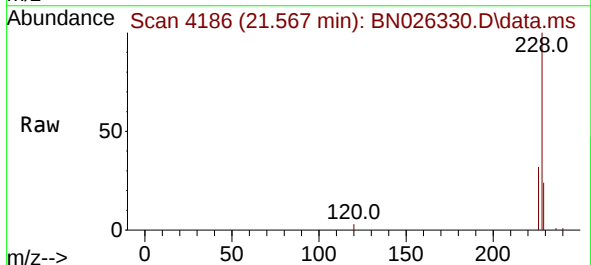
Tgt Ion:228 Resp: 74620
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 30.3 22.5 33.7

Manual Integrations
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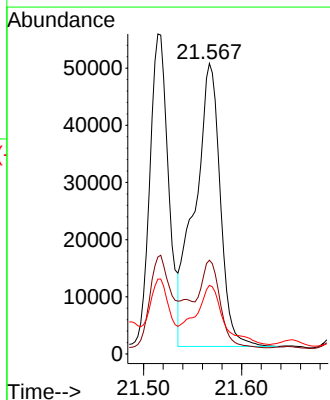
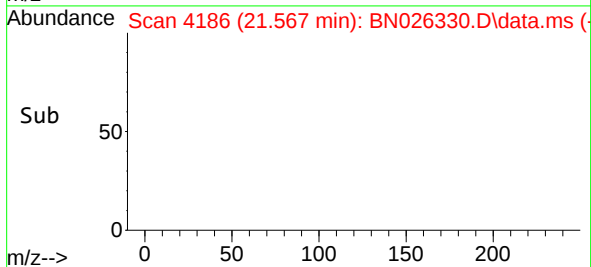
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

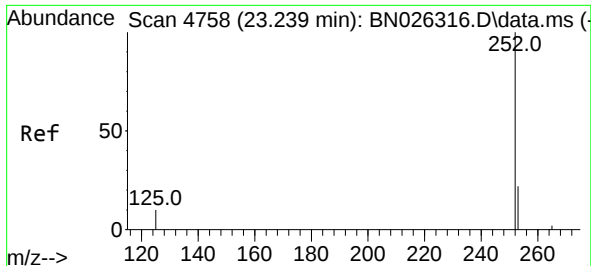


#22
Chrysene
Concen: 1.443 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03



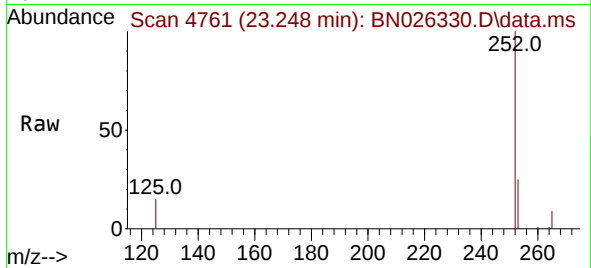
Tgt Ion:228 Resp: 89443
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 23.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 2.015 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.009 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

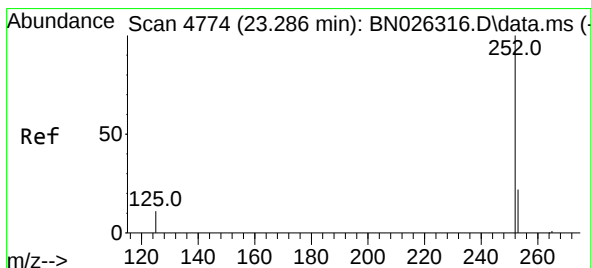
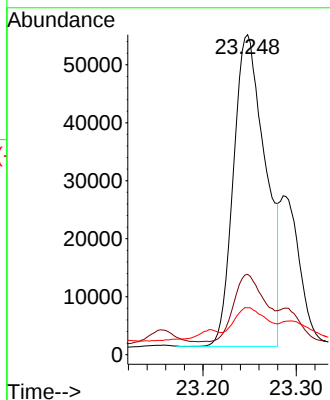
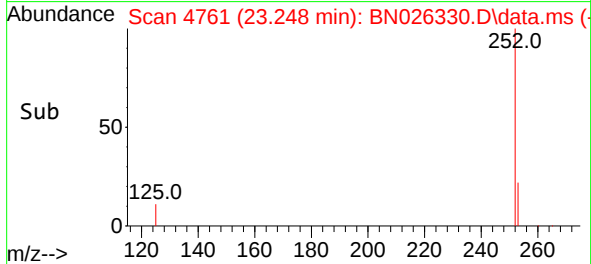
Instrument :
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Tgt Ion:252 Resp: 128485
Ion Ratio Lower Upper
252 100
253 25.1 0.0 55.6
125 14.7 0.0 35.8

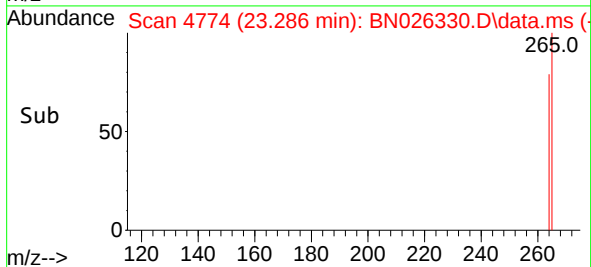
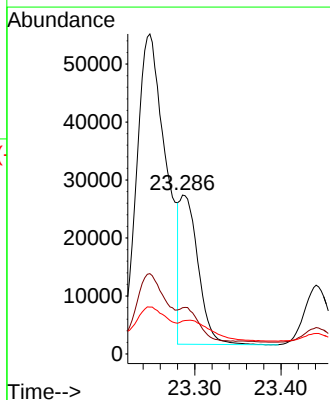
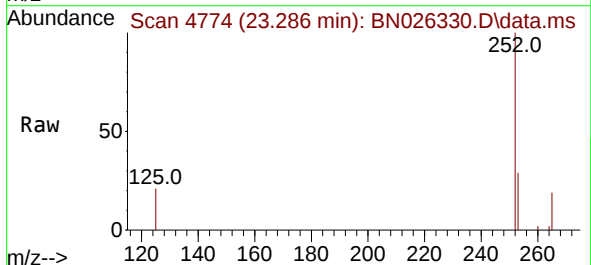
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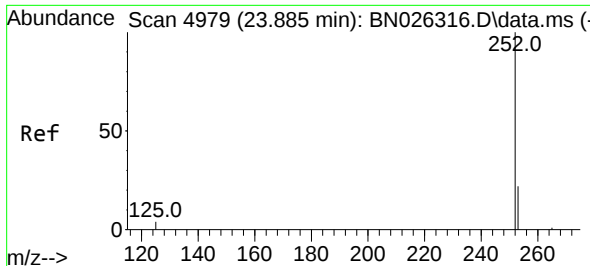
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 0.601 ng/ul m
RT: 23.286 min Scan# 4774
Delta R.T. 0.000 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

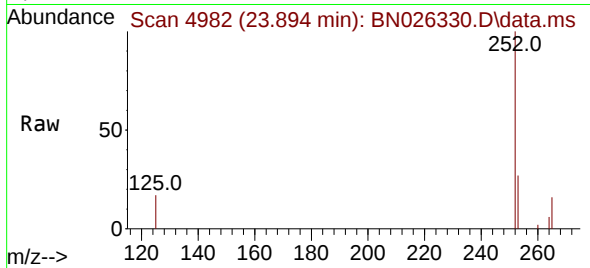
Tgt Ion:252 Resp: 38485
Ion Ratio Lower Upper
252 100
253 29.1 23.2 34.8
125 20.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.239 ng/ul
RT: 23.894 min Scan# 4982
Delta R.T. 0.009 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

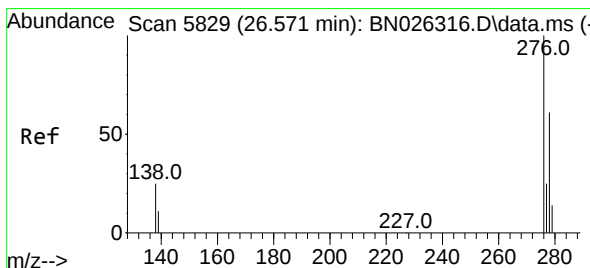
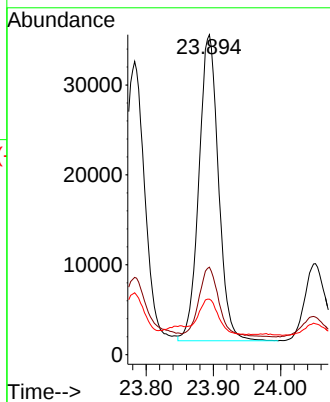
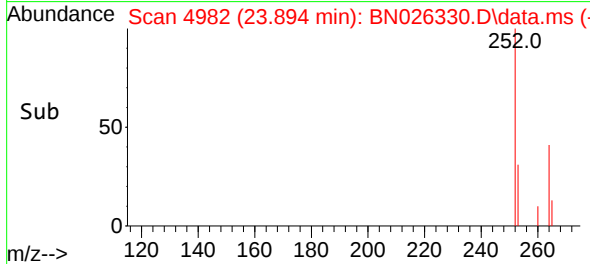
Instrument :
BNA_N
ClientSampleId :
DCGP5DL



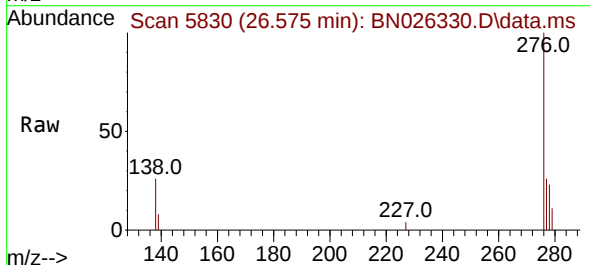
Tgt Ion:252 Resp: 68634
Ion Ratio Lower Upper
252 100
253 27.4 26.0 39.0
125 17.4 17.3 25.9

Manual Integrations
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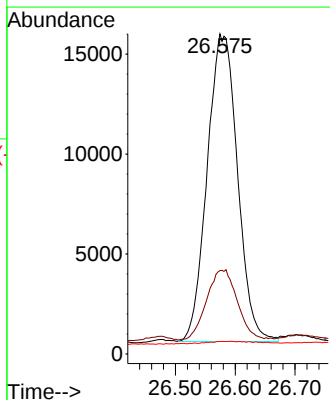
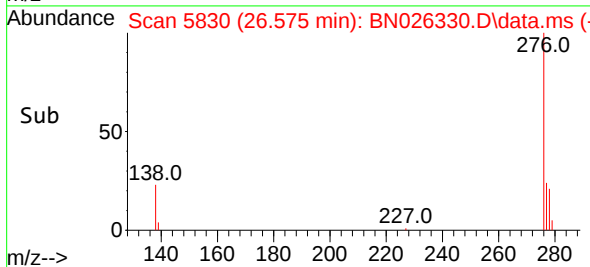
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

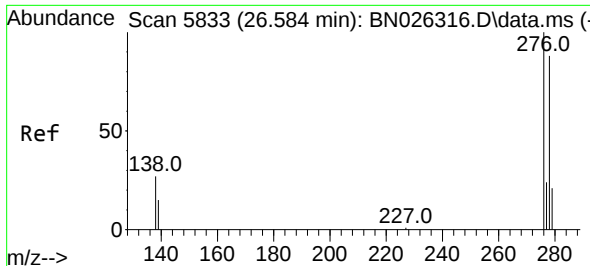


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.897 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. 0.003 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03



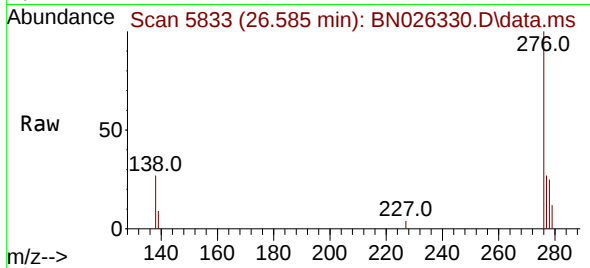
Tgt Ion:276 Resp: 54225
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 1.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 26.585 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03

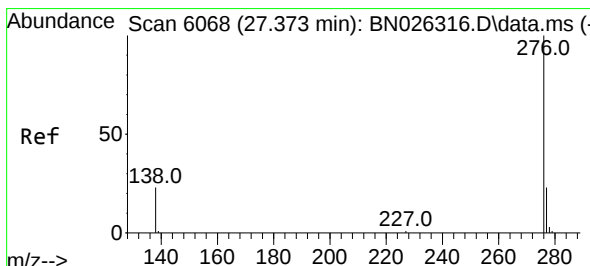
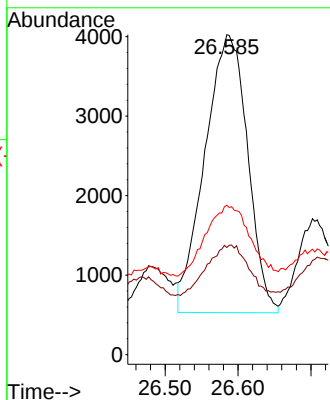
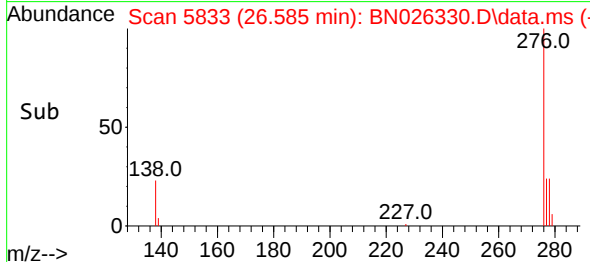
Instrument :
BNA_N
ClientSampleId :
DCGP5DL



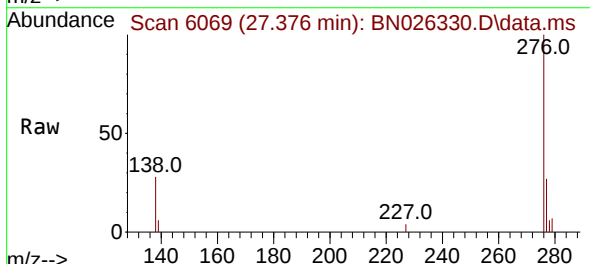
Tgt Ion:278 Resp: 1426
Ion Ratio Lower Upper
278 100
139 33.5 19.0 28.4
279 46.7 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 0.869 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. 0.003 min
Lab File: BN026330.D
Acq: 06 Jul 2023 15:03



Tgt Ion:276 Resp: 46758
Ion Ratio Lower Upper
276 100
138 27.7 23.4 35.0
277 26.9 20.0 30.0

