

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026318.D
 Acq On : 06 Jul 2023 07:37
 Operator : MA/JU
 Sample : 03248-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE3

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 08:16:01 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	4461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	15369	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.579	164	11167	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.330	188	22713	0.400	ng/ul	-0.01
17) Chrysene-d12	21.526	240	13264	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	14211	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	19315	3.845	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	5020	0.212	ng/ul	-0.01
18) Fluoranthene-d10	19.359	212	13197	0.261	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	2148	0.049	ng/ul#	87
7) 2-Methylnaphthalene	12.414	142	1556	0.055	ng/ul	98
8) 1-Methylnaphthalene	12.629	142	1329	0.046	ng/ul	97
11) Acenaphthene	14.644	153	1170	0.027	ng/ul	96
15) Phenanthrene	17.372	178	25659	0.342	ng/ul	99
16) Anthracene	17.461	178	3892	0.058	ng/ul#	85
19) Fluoranthene	19.391	202	76662	1.082	ng/ul	97
20) Pyrene	19.754	202	64880	0.880	ng/ul	98
21) Benzo(a)anthracene	21.511	228	32751	0.599	ng/ul	96
22) Chrysene	21.561	228	41871	0.735	ng/ul	96
24) Benzo(b)fluoranthene	23.236	252	67848m	1.119	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	22153m	0.364	ng/ul	
26) Benzo(a)pyrene	23.882	252	39812	0.756	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.564	276	35848	0.623	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.571	278	8397	0.193	ng/ul#	66
29) Benzo(g,h,i)perylene	27.376	276	30560	0.597	ng/ul	97

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

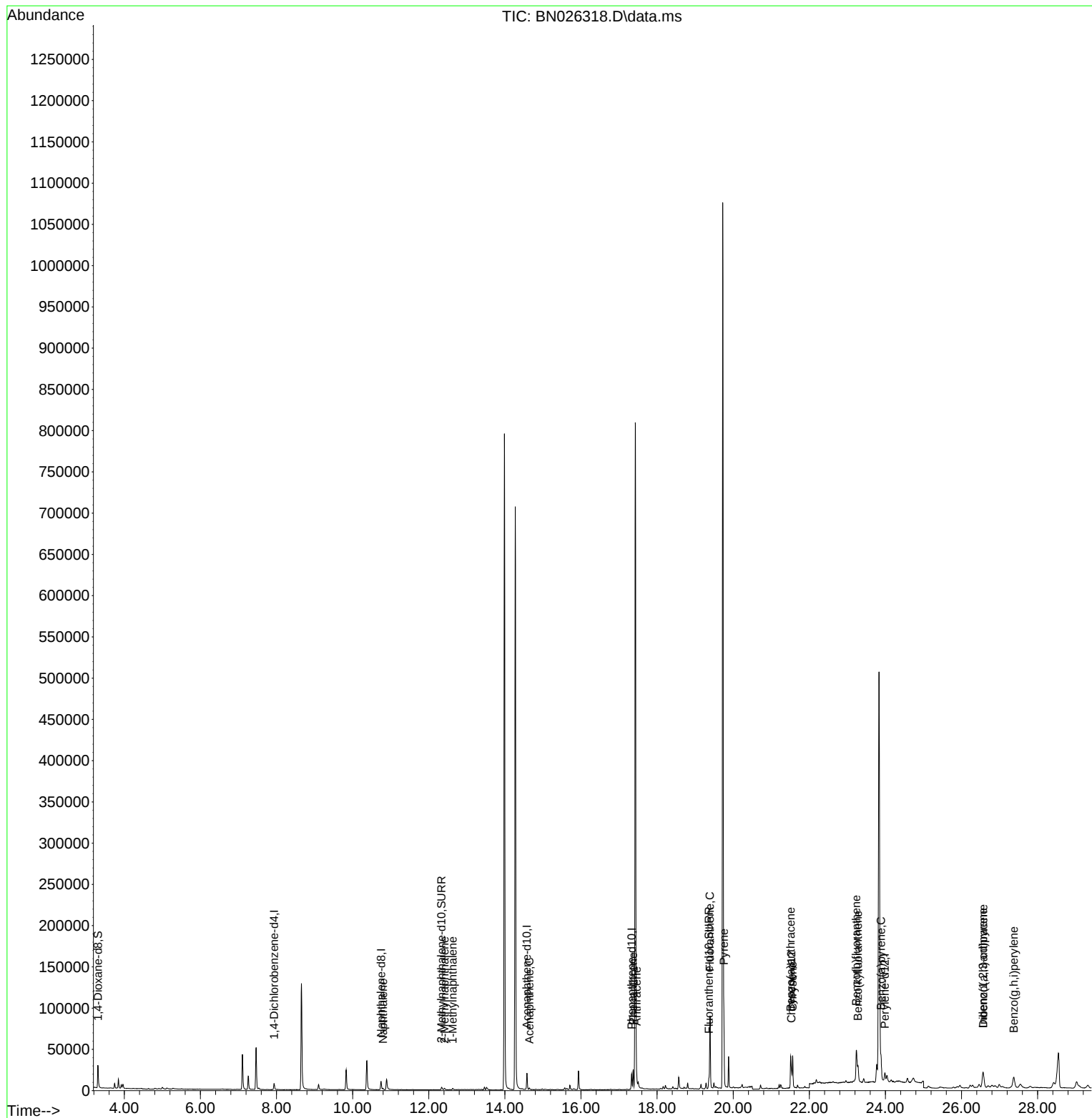
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026318.D
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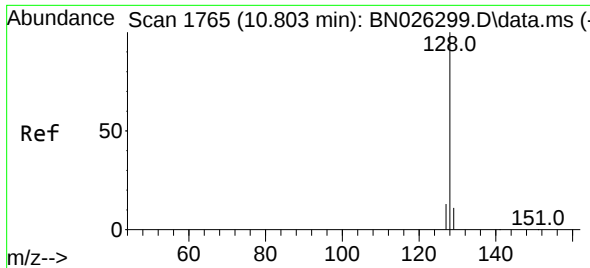
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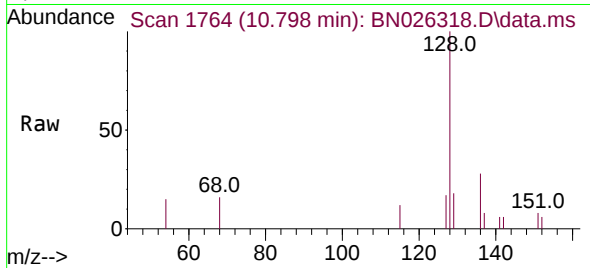
Quant Time: Jul 06 08:16:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
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#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

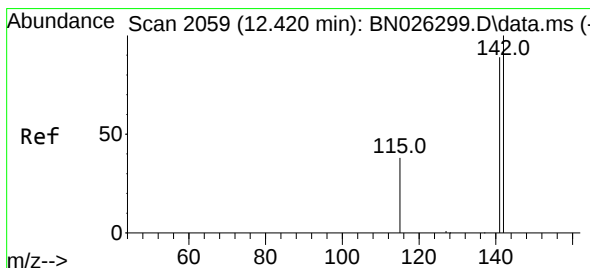
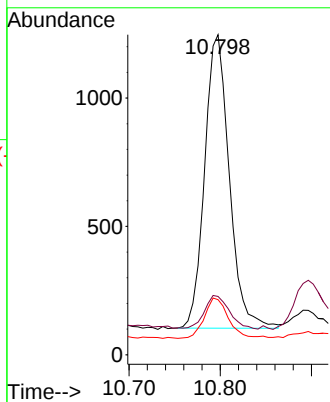
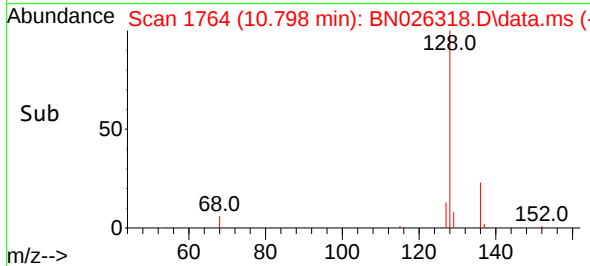
Instrument :
BNA_N
ClientSampleId :
DCGE3



Tgt Ion:128 Resp: 2148
Ion Ratio Lower Upper
128 100
129 18.2 9.1 13.7
127 17.2 10.7 16.1

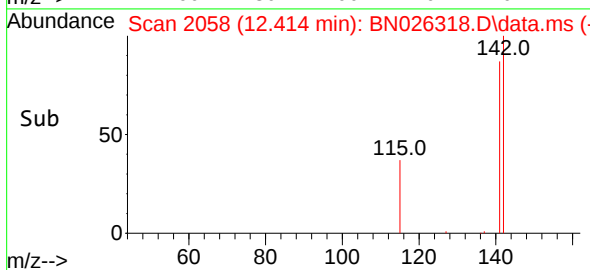
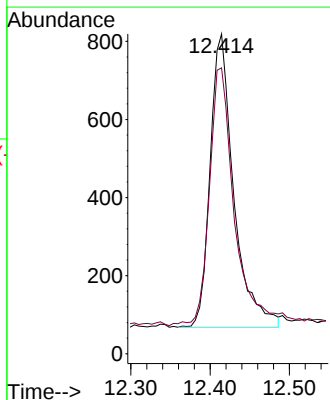
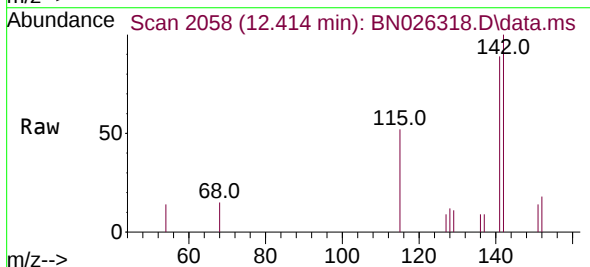
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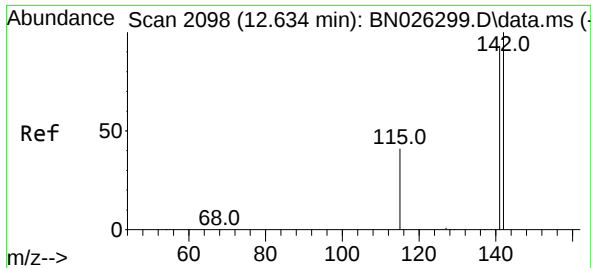
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

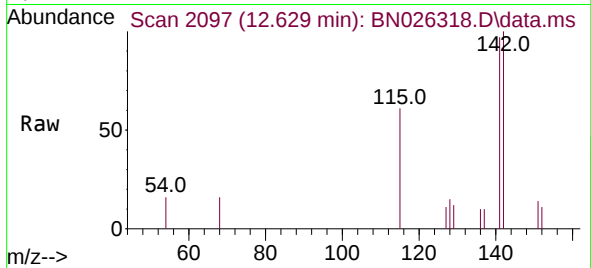
Tgt Ion:142 Resp: 1556
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.629 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

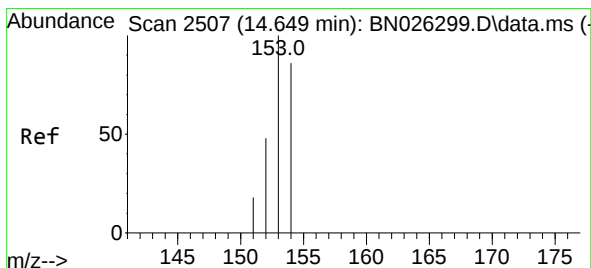
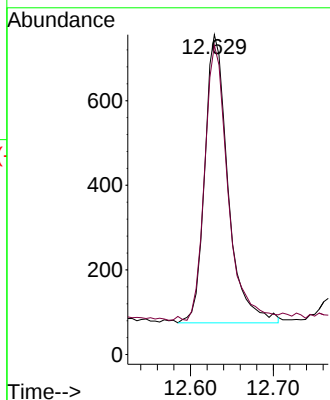
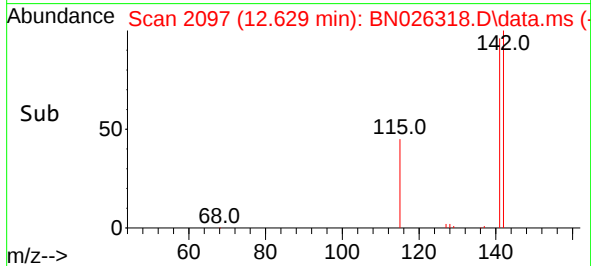
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1329
Ion Ratio Lower Upper
142 100
141 95.5 74.2 111.4

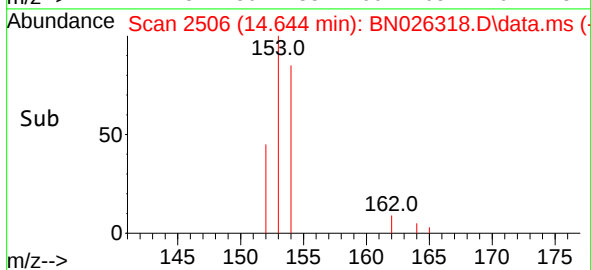
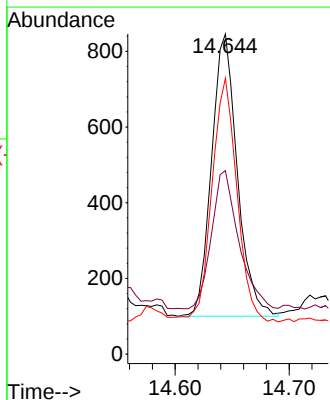
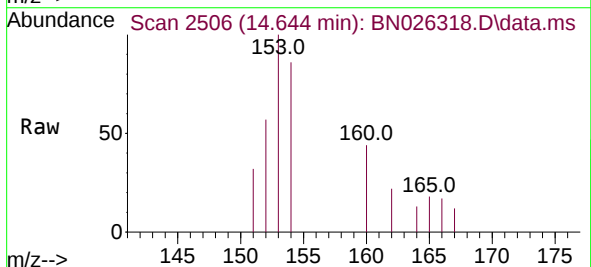
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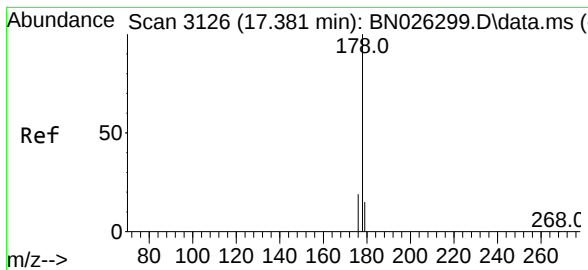
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.010 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

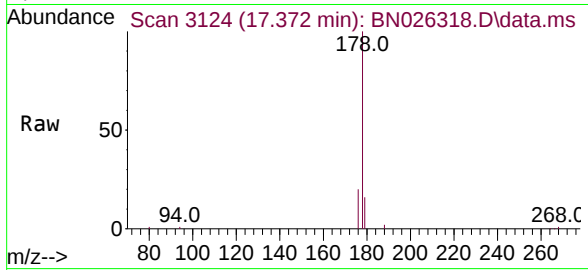
Tgt Ion:153 Resp: 1170
Ion Ratio Lower Upper
153 100
152 57.3 39.4 59.0
154 86.2 68.9 103.3





#15
 Phenanthrene
 Concen: 0.342 ng/u1
 RT: 17.372 min Scan# 3124
 Delta R.T. -0.014 min
 Lab File: BN026318.D
 Acq: 06 Jul 2023 07:37

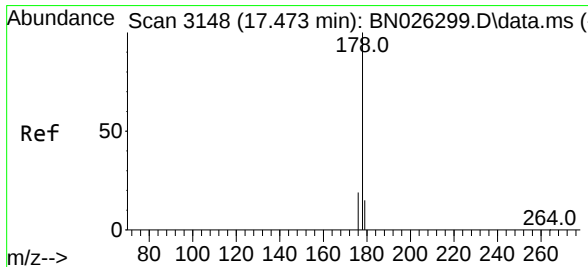
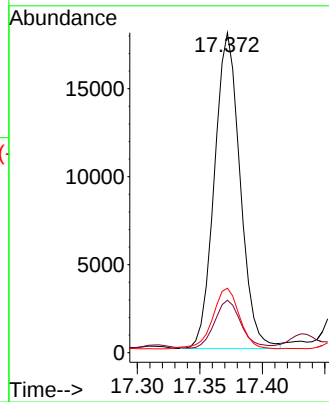
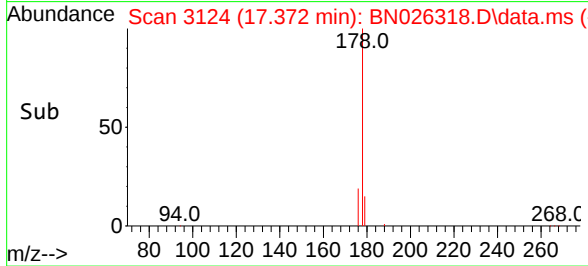
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:	178	Resp:	2565
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	20.1	15.8	23.6

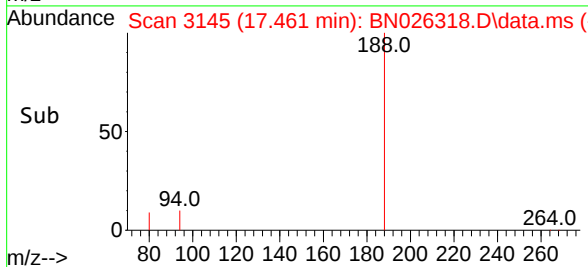
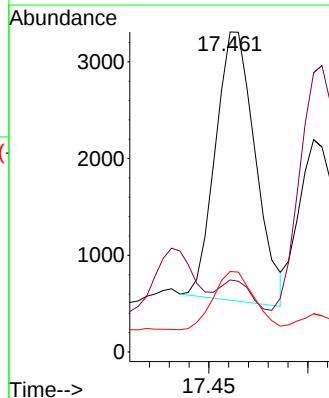
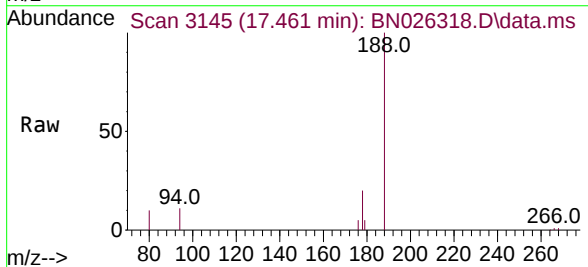
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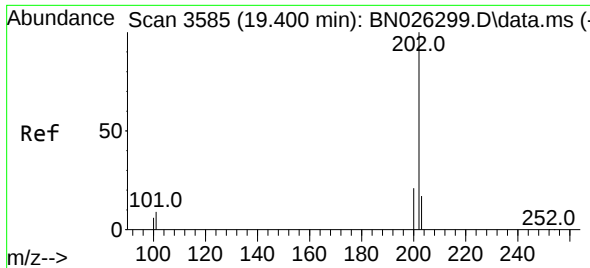
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#16
 Anthracene
 Concen: 0.058 ng/u1
 RT: 17.461 min Scan# 3145
 Delta R.T. -0.018 min
 Lab File: BN026318.D
 Acq: 06 Jul 2023 07:37

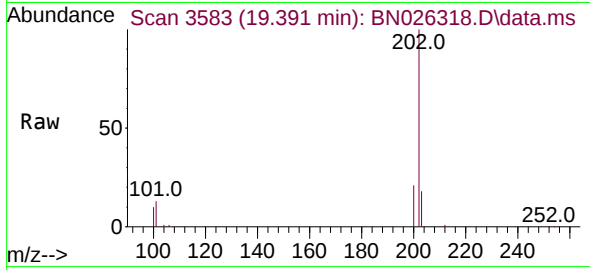
Tgt Ion:	178	Resp:	3892
Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.6	18.8#
176	25.1	15.1	22.7#





#19
Fluoranthene
Concen: 1.082 ng/ul
RT: 19.391 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

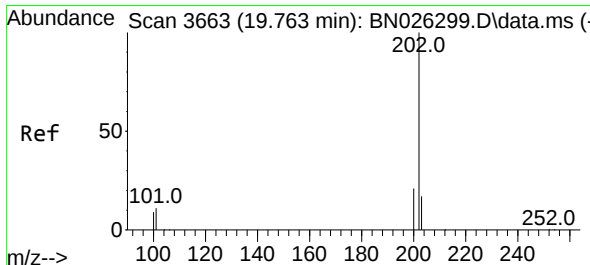
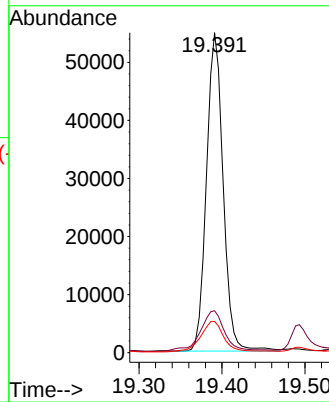
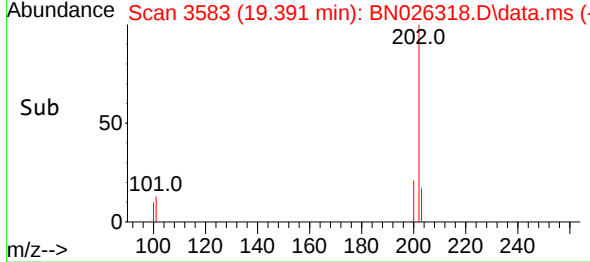
Instrument :
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DCGE3



Tgt Ion:202 Resp: 76662
Ion Ratio Lower Upper
202 100
101 13.1 9.5 14.3
100 9.8 7.3 10.9

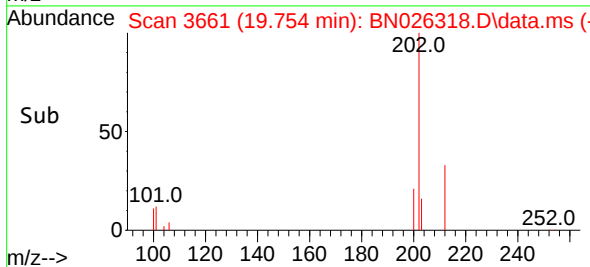
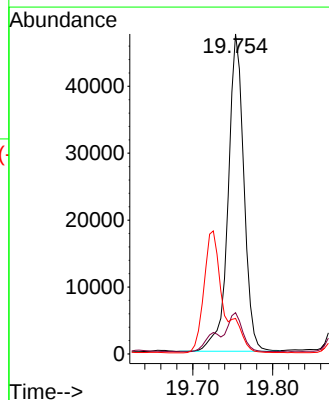
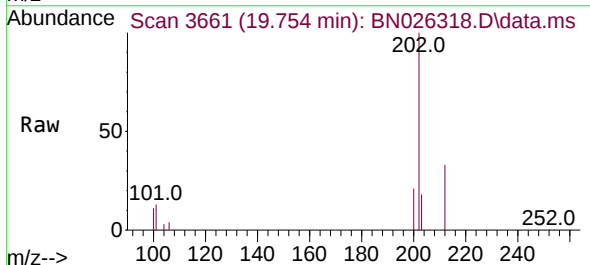
Manual Integrations
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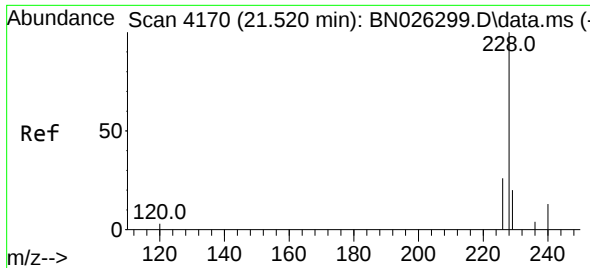
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 0.880 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

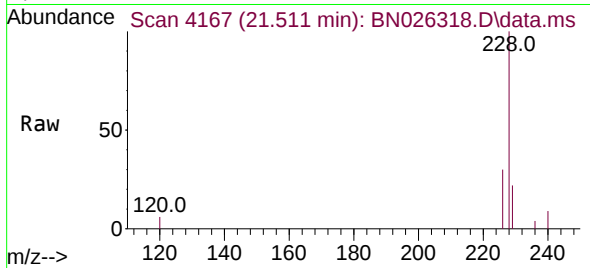
Tgt Ion:202 Resp: 64880
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 11.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.599 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

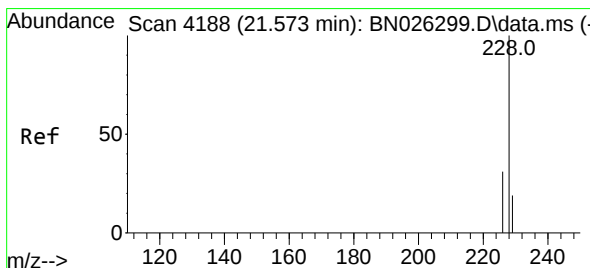
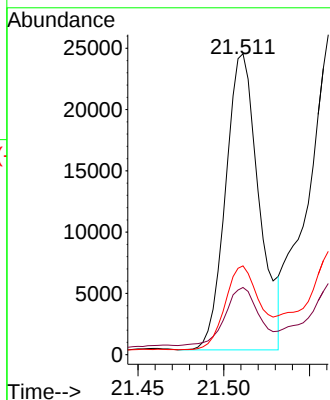
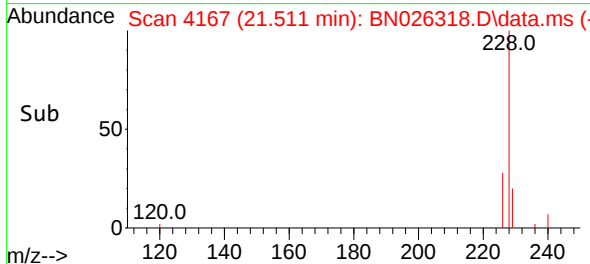
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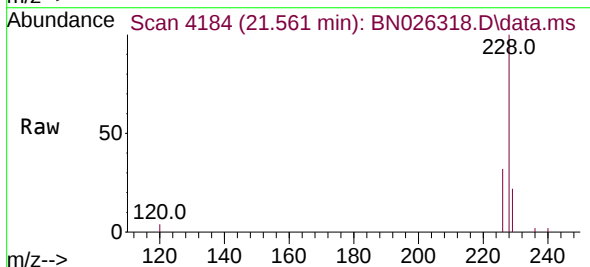
Tgt Ion:228 Resp: 3275
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 29.5 22.5 33.7

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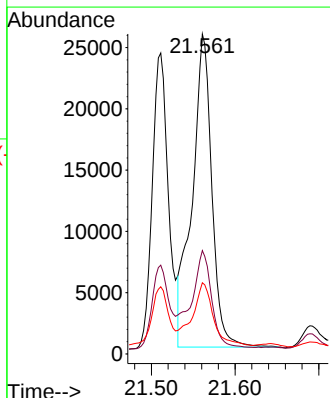
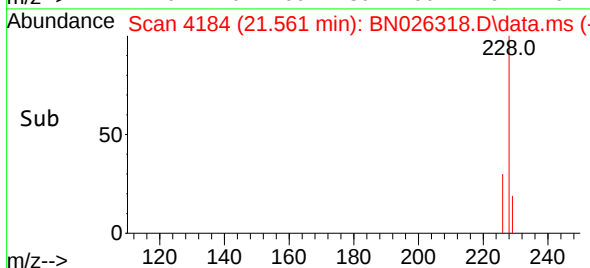
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

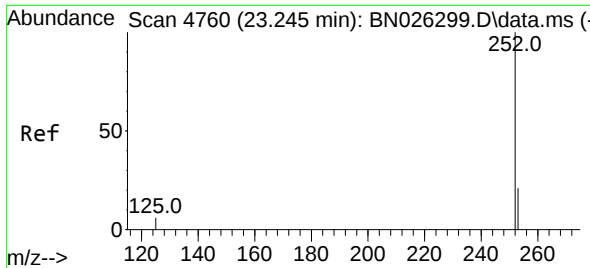


#22
Chrysene
Concen: 0.735 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. -0.010 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37



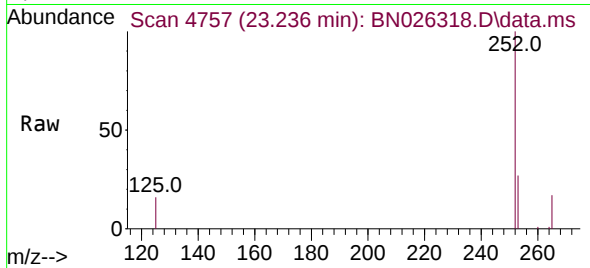
Tgt Ion:228 Resp: 41871
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.119 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.010 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

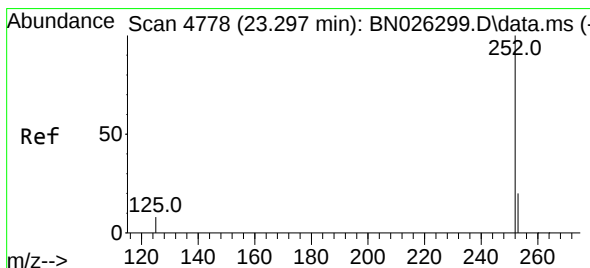
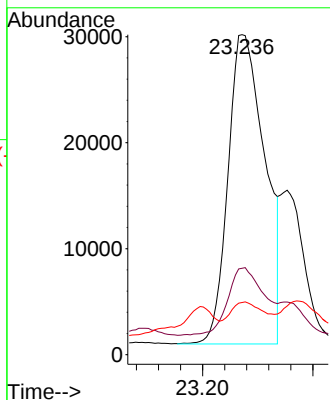
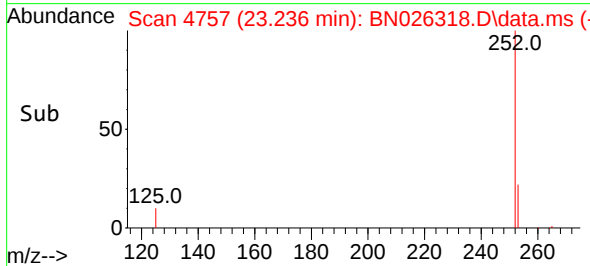
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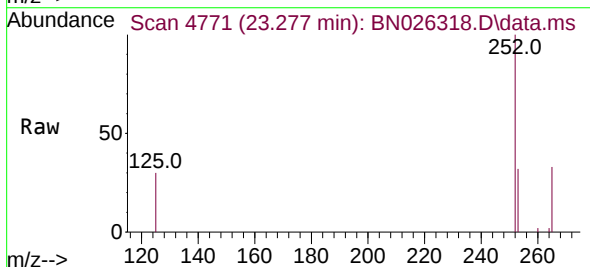
Tgt Ion:252 Resp: 6784
Ion Ratio Lower Upper
252 100
253 27.0 0.0 55.6
125 16.3 0.0 35.8

Manual Integrations
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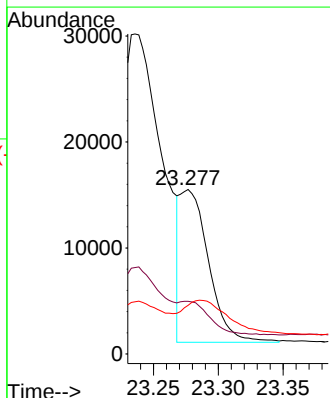
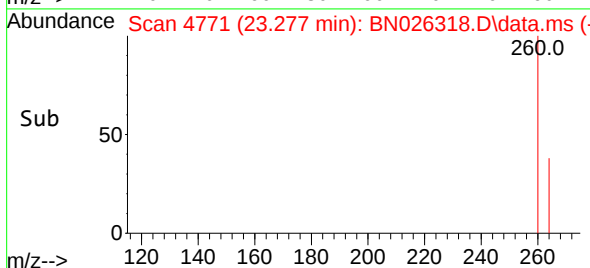
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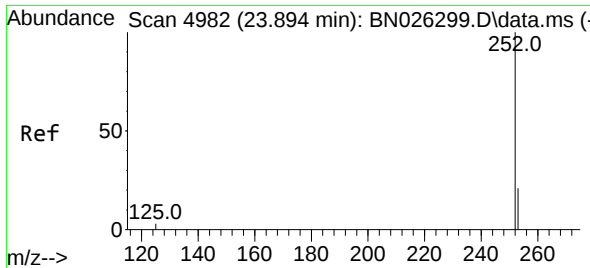


#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul m
RT: 23.277 min Scan# 4771
Delta R.T. -0.016 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37



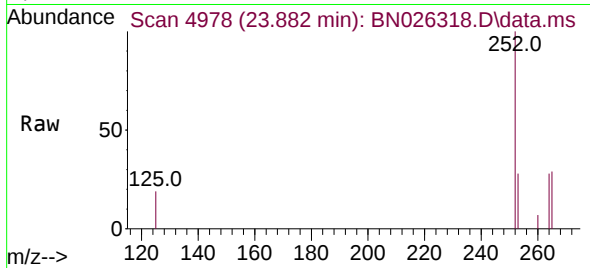
Tgt Ion:252 Resp: 22153
Ion Ratio Lower Upper
252 100
253 32.0 23.2 34.8
125 29.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.756 ng/ul
RT: 23.882 min Scan# 4982
Delta R.T. -0.007 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

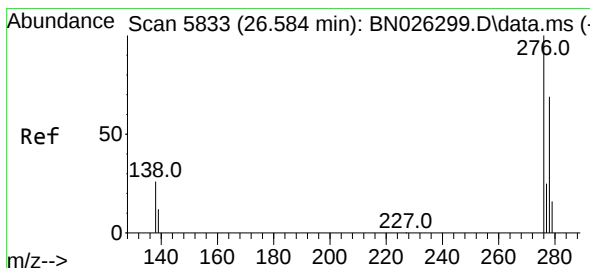
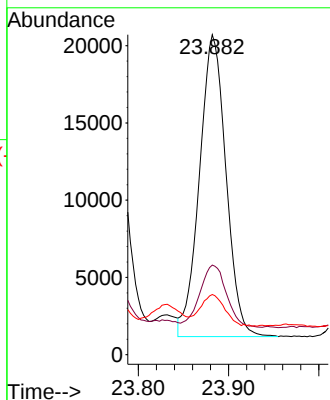
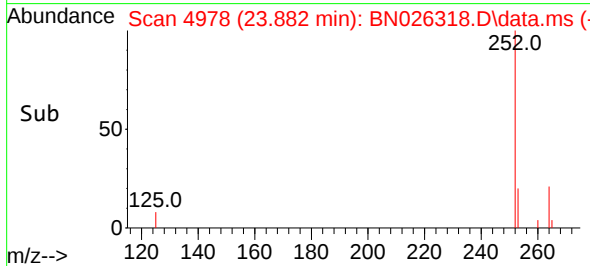
Instrument :
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ClientSampleId :
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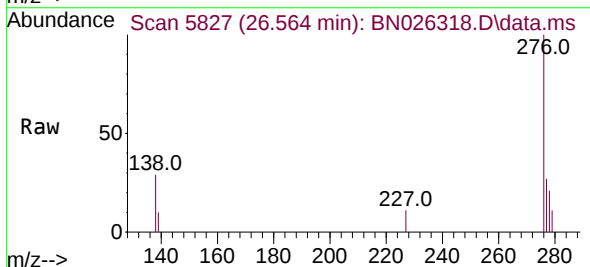
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125 18.8 17.3 25.9

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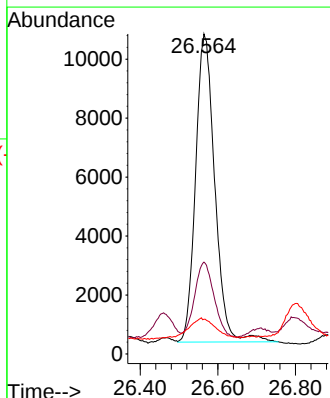
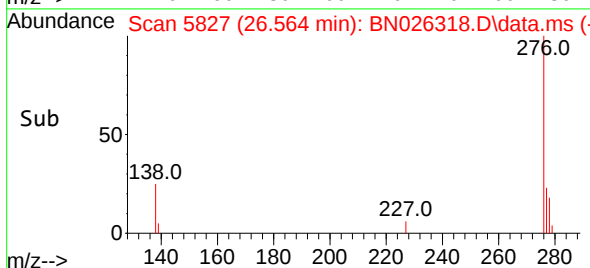
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

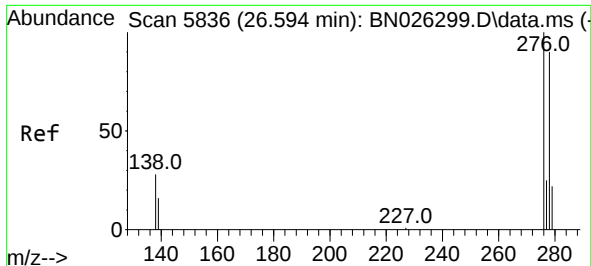


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.623 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.018 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37



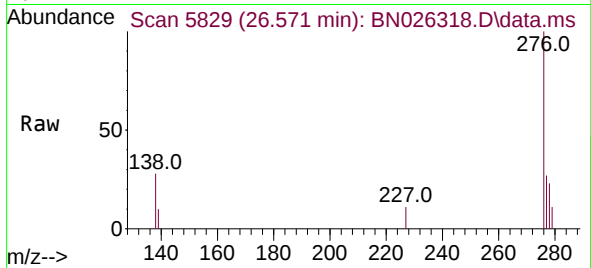
Tgt Ion:276 Resp: 35848
Ion Ratio Lower Upper
276 100
138 24.6 24.5 36.7
227 8.5 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. -0.024 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37

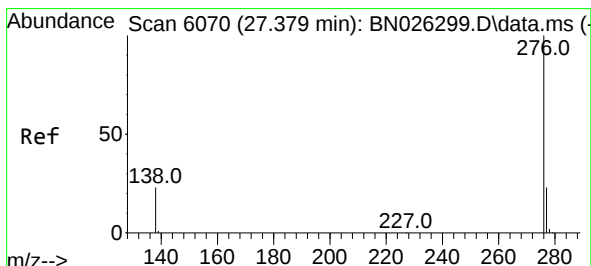
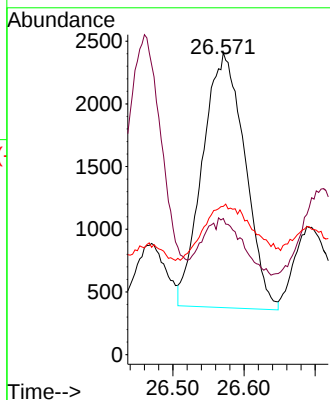
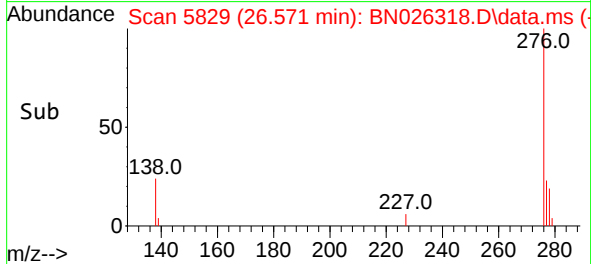
Instrument :
BNA_N
ClientSampleId :
DCGE3



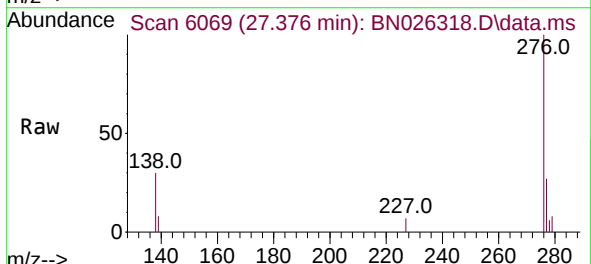
Tgt Ion:278 Resp: 839
Ion Ratio Lower Upper
278 100
139 45.1 19.0 28.4
279 49.1 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.597 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.004 min
Lab File: BN026318.D
Acq: 06 Jul 2023 07:37



Tgt Ion:276 Resp: 30560
Ion Ratio Lower Upper
276 100
138 30.2 23.4 35.0
277 27.0 20.0 30.0

