

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019589.D
 Acq On : 29 Apr 2022 13:29
 Operator : CG/JU
 Sample : N2469-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 30 03:18:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 13:24:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	14765	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	7532	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	14356	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	12643	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	11924	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	3270	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	827	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	1579	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	1054	0.022	ng/ul#	79
7) 2-Methylnaphthalene	12.327	142	643	0.022	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	638	0.024	ng/ul#	100
10) Acenaphthylene	14.215	152	3723	0.100	ng/ul	97
12) Fluorene	15.543	166	805	0.025	ng/ul#	92
15) Phenanthrene	17.276	178	15393	0.291	ng/ul	99
16) Anthracene	17.365	178	3387	0.079	ng/ul	96
19) Fluoranthene	19.290	202	28580	0.494	ng/ul	99
20) Pyrene	19.653	202	35491	0.614	ng/ul	99
21) Benzo(a)anthracene	21.400	228	13829	0.293	ng/ul	94
22) Chrysene	21.452	228	18858	0.339	ng/ul	98
24) Benzo(b)fluoranthene	23.057	252	22483m	0.372	ng/ul	
25) Benzo(k)fluoranthene	23.098	252	6451m	0.111	ng/ul	
26) Benzo(a)pyrene	23.662	252	14742	0.286	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.181	276	11137	0.173	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.195	278	2841	0.053	ng/ul#	70
29) Benzo(g,h,i)perylene	26.926	276	10561	0.180	ng/ul#	93

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

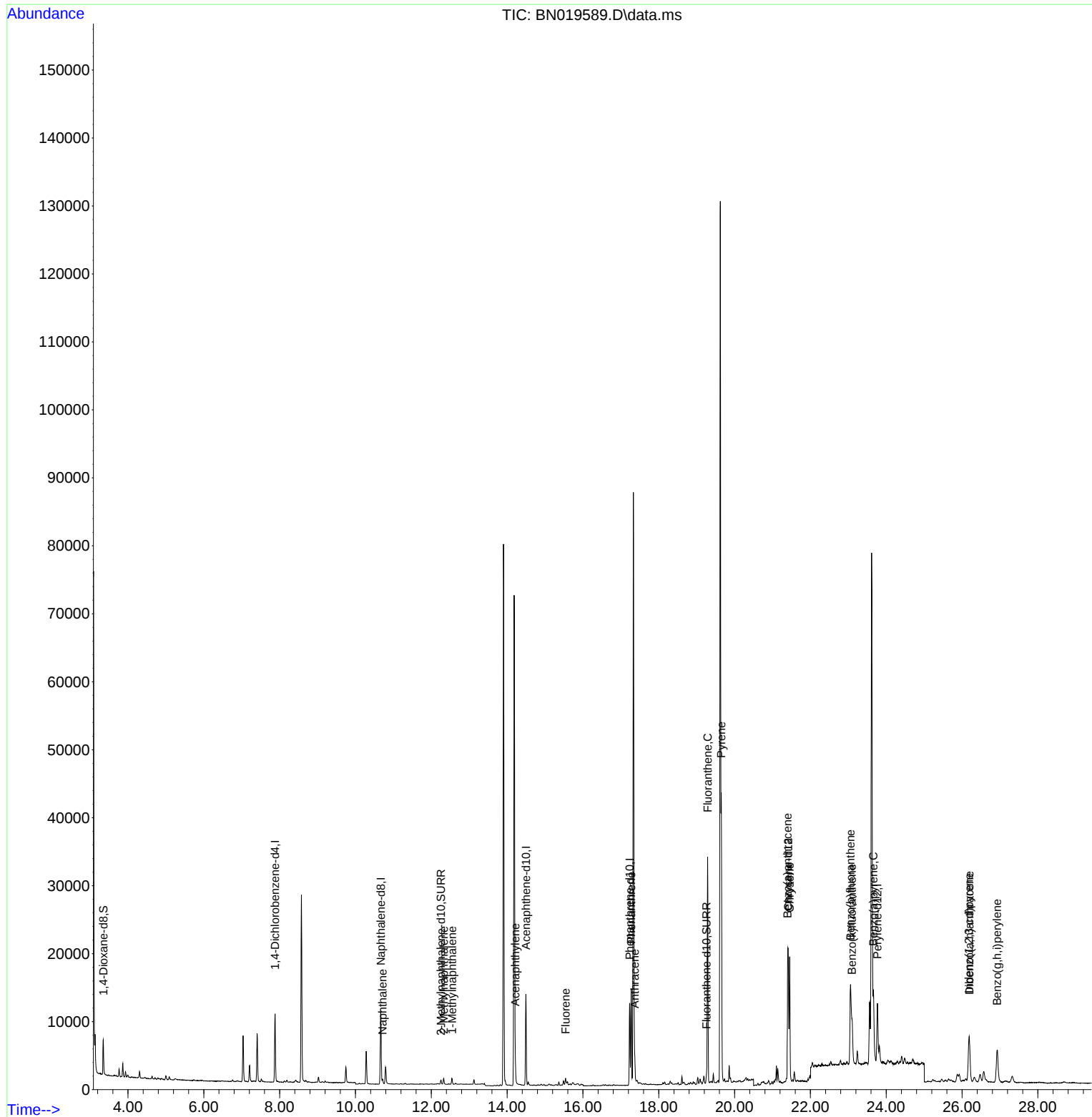
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019589.D
Acq On : 29 Apr 2022 13:29
Operator : CG/JU
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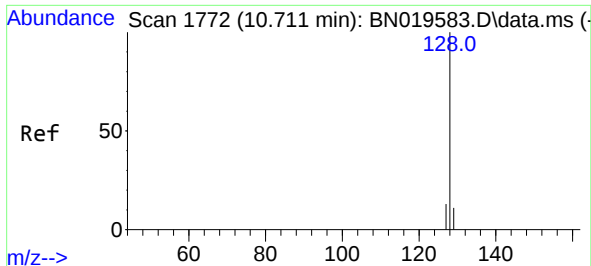
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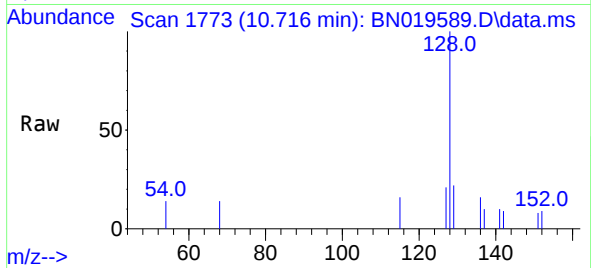
Quant Time: Apr 30 03:18:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.716 min Scan# 1772
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

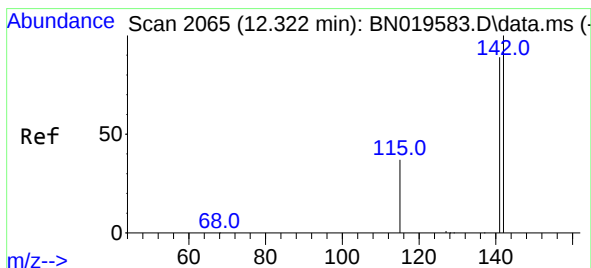
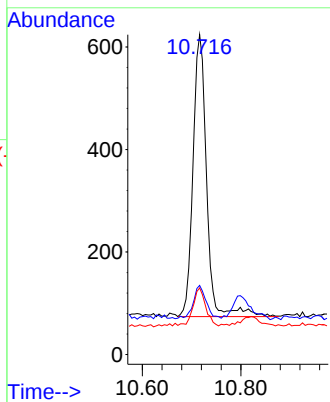
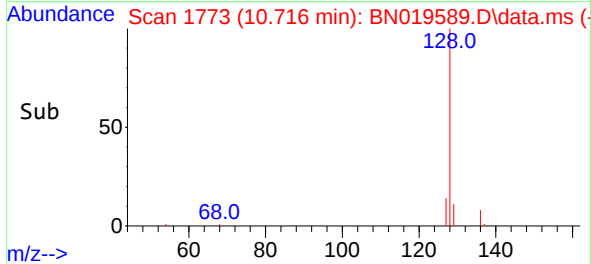
Instrument :
BNA_N
ClientSampleId :
BFFG4DL



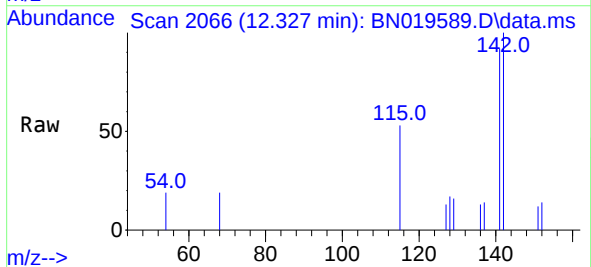
Tgt Ion:128 Resp: 1054
Ion Ratio Lower Upper
128 100
129 21.6 9.5 14.3
127 20.8 11.0 16.4

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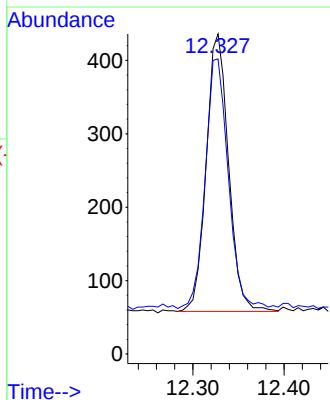
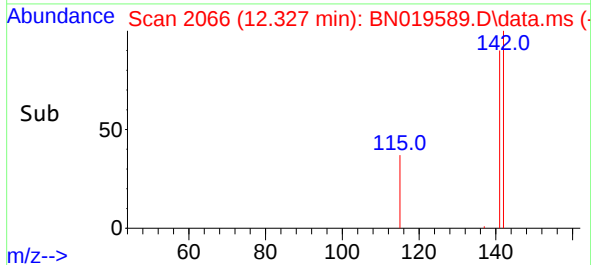
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

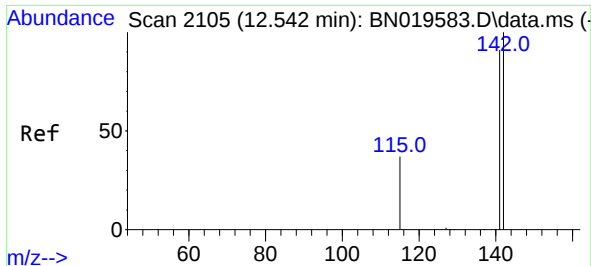


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29



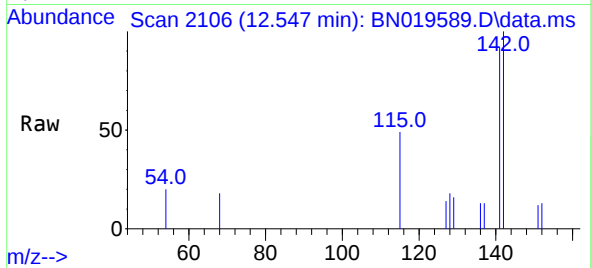
Tgt Ion:142 Resp: 643
Ion Ratio Lower Upper
142 100
141 92.8 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.547 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

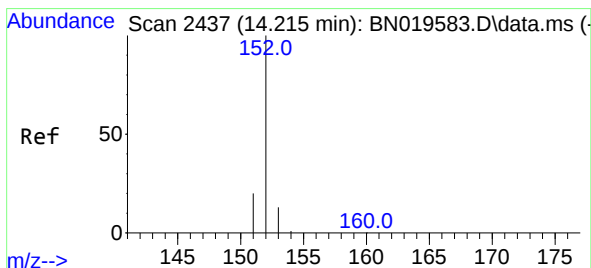
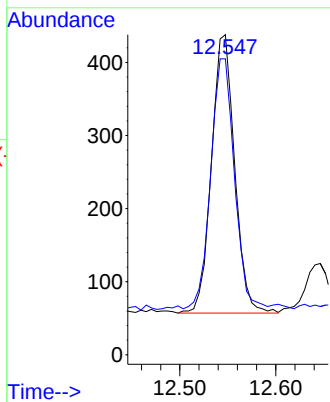
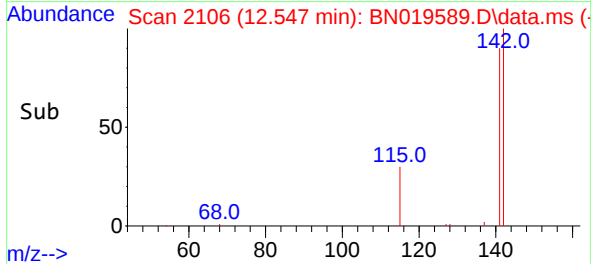
Instrument :
BNA_N
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Tgt Ion:142 Resp: 638
Ion Ratio Lower Upper
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141 94.0 0.0 0.0

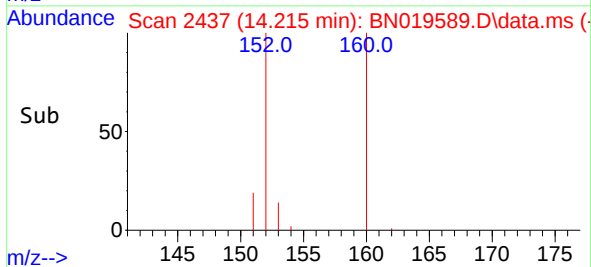
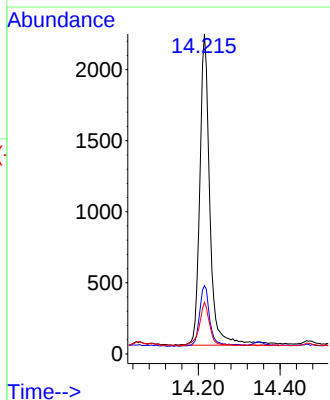
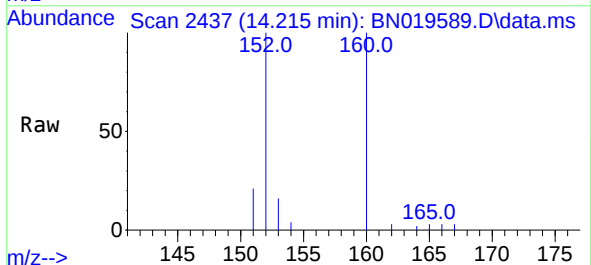
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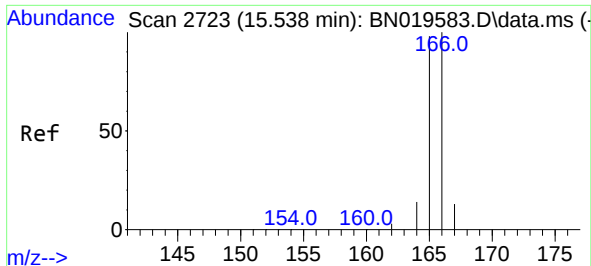
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

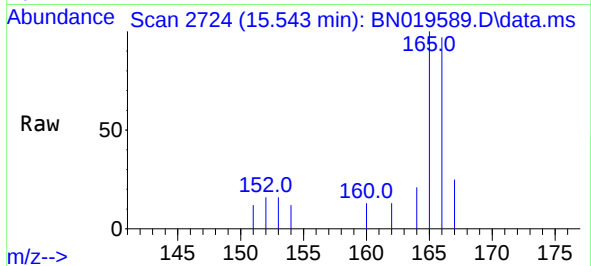
Tgt Ion:152 Resp: 3723
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 16.2 11.1 16.7





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

Instrument :
BNA_N
ClientSampleId :
BFFG4DL

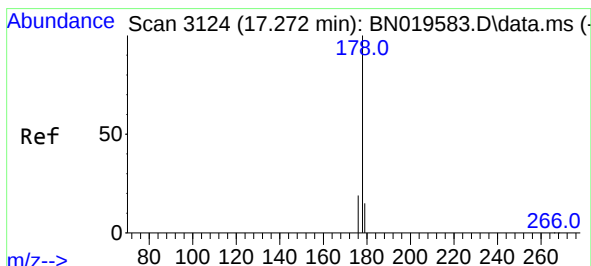
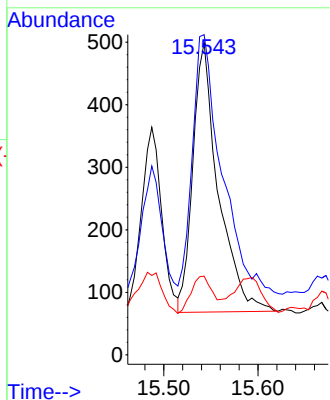
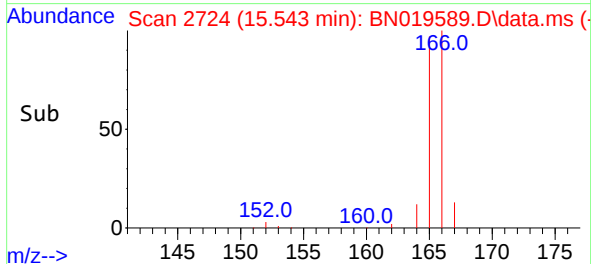


Tgt Ion:166 Resp: 809

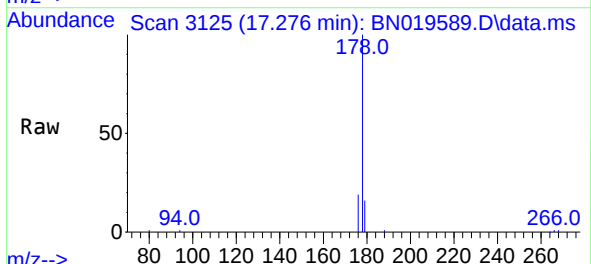
Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.2	117.2
167	25.3	11.3	16.9

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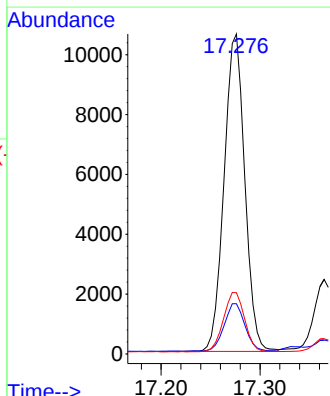
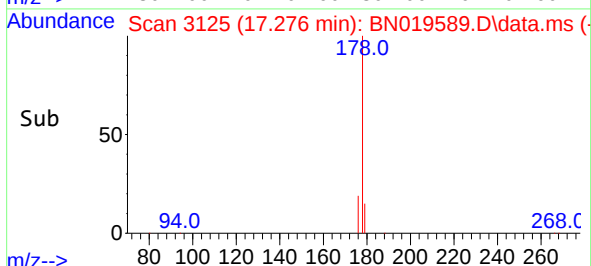


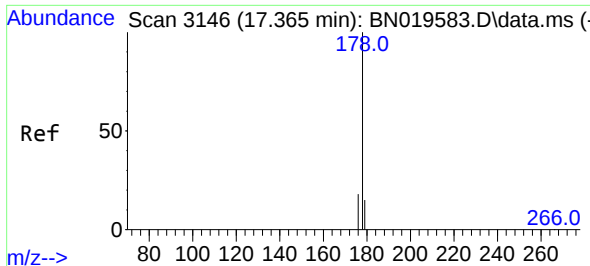
#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29



Tgt Ion:178 Resp: 15393

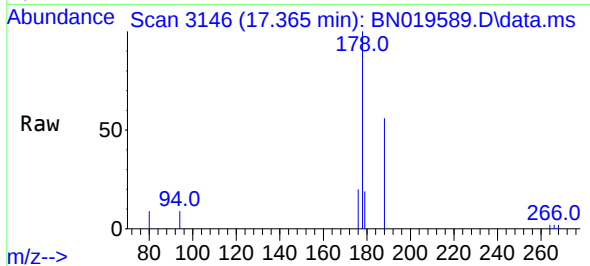
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.1	15.5	23.3





#16
 Anthracene
 Concen: 0.079 ng/ul
 RT: 17.365 min Scan# 3146
 Delta R.T. 0.001 min
 Lab File: BN019589.D
 Acq: 29 Apr 2022 13:29

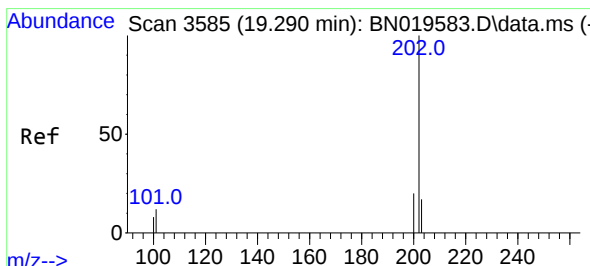
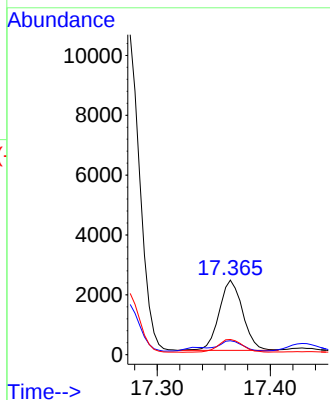
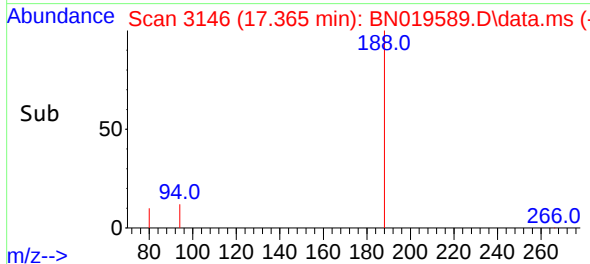
Instrument :
 BNA_N
 ClientSampleId :
 BFFG4DL



Tgt Ion:178 Resp: 3385
 Ion Ratio Lower Upper
 178 100
 179 18.7 13.1 19.7
 176 20.4 15.3 22.9

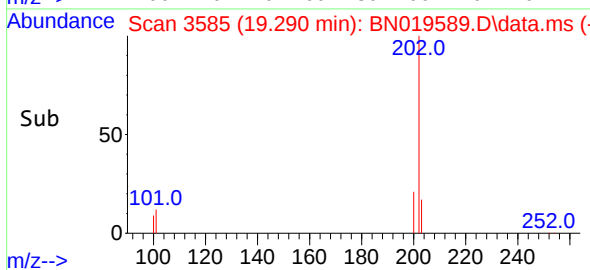
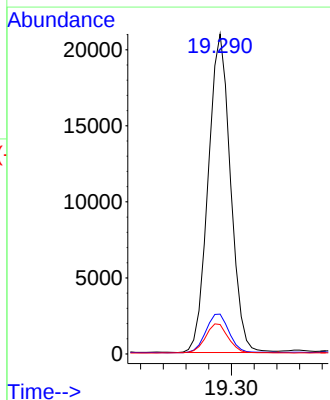
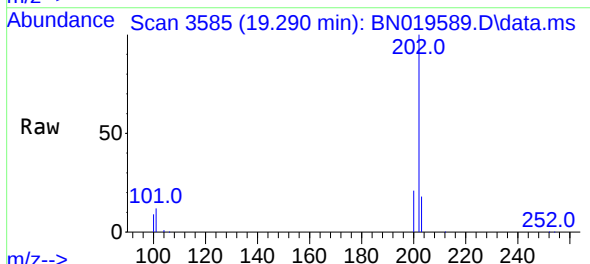
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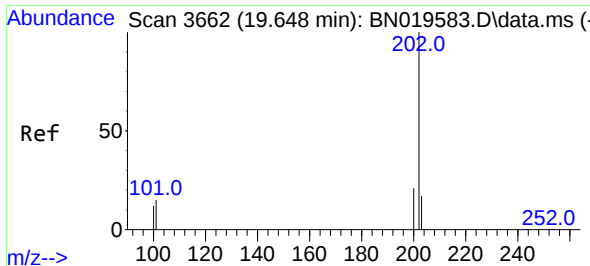
Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022



#19
 Fluoranthene
 Concen: 0.494 ng/ul
 RT: 19.290 min Scan# 3585
 Delta R.T. 0.001 min
 Lab File: BN019589.D
 Acq: 29 Apr 2022 13:29

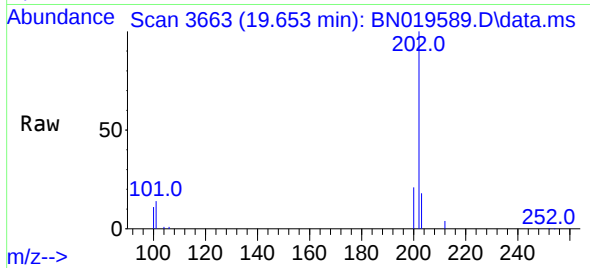
Tgt Ion:202 Resp: 28580
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.7 14.5
 100 9.2 7.4 11.2





#20
Pyrene
Concen: 0.614 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

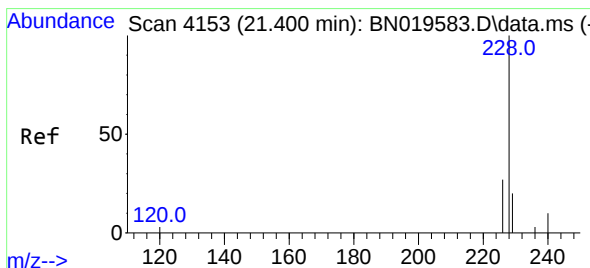
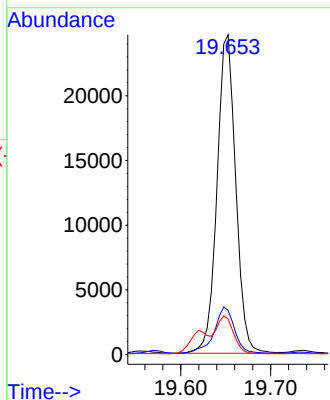
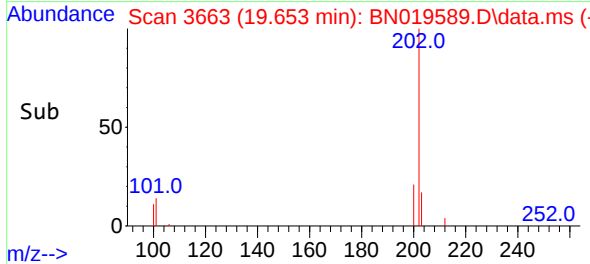
Instrument :
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ClientSampleId :
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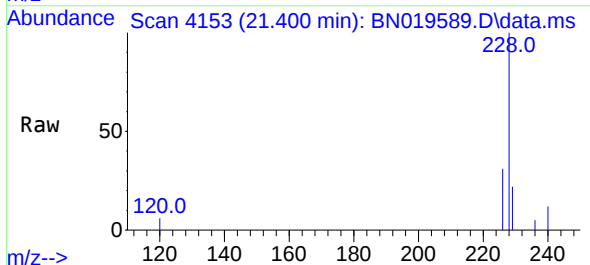
Tgt Ion:202 Resp: 3549
Ion Ratio Lower Upper
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101 13.8 11.4 17.0
100 11.2 9.0 13.4

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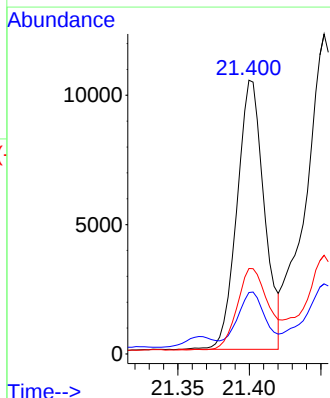
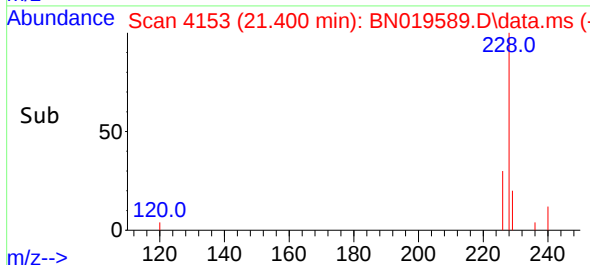
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

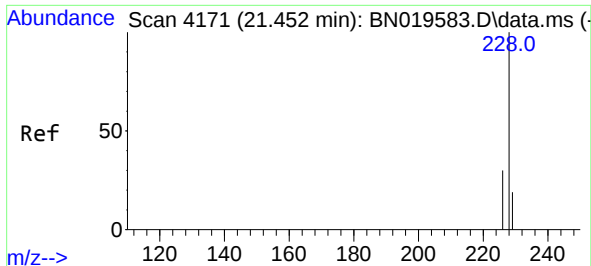


#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29



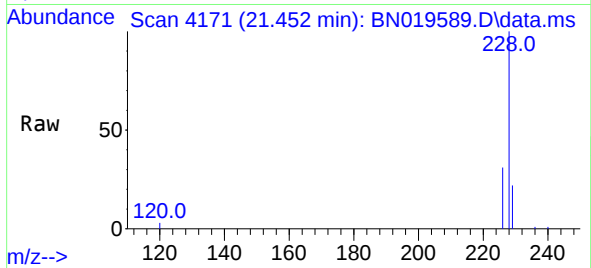
Tgt Ion:228 Resp: 13829
Ion Ratio Lower Upper
228 100
229 22.5 16.1 24.1
226 31.2 22.1 33.1





#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

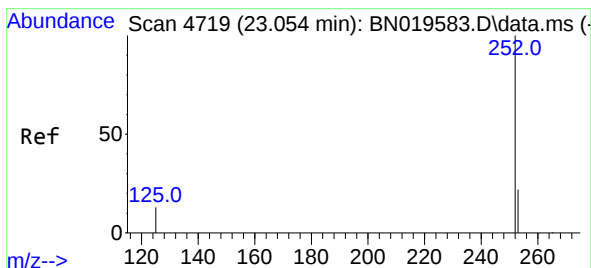
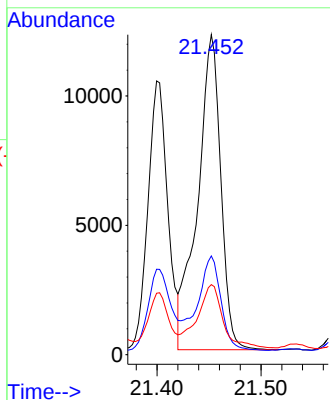
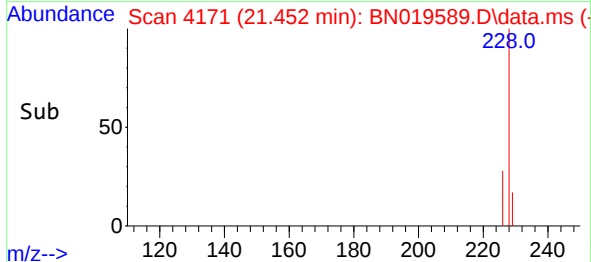
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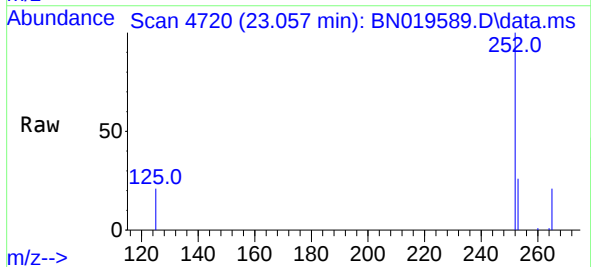
Tgt Ion:228 Resp: 18858
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 21.9 16.0 24.0

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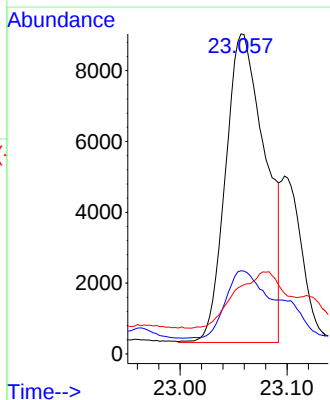
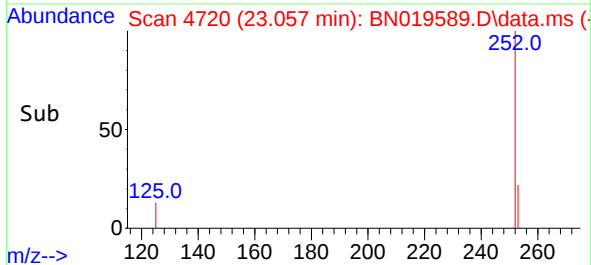
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

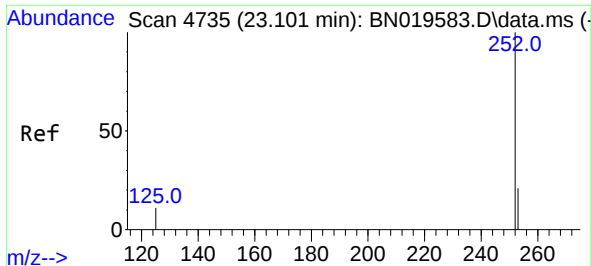


#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul m
RT: 23.057 min Scan# 4720
Delta R.T. 0.002 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29



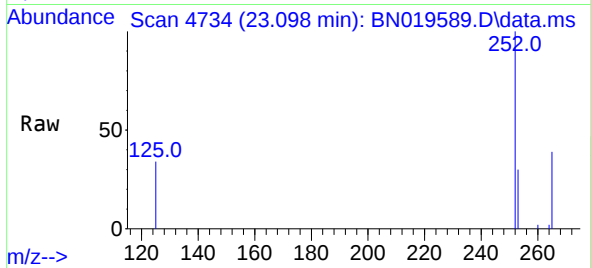
Tgt Ion:252 Resp: 22483
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.0
125 21.1 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.098 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29

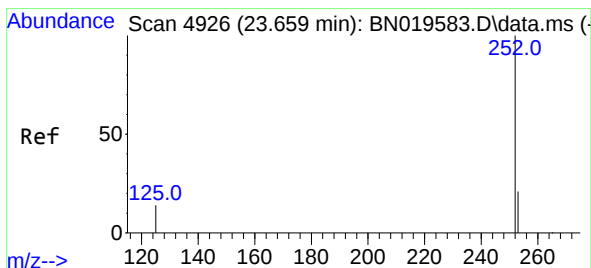
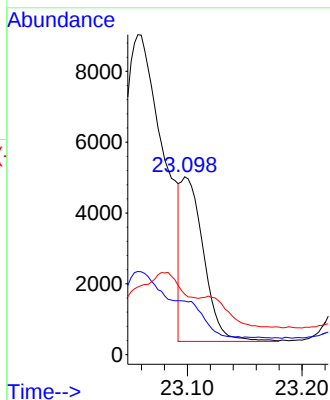
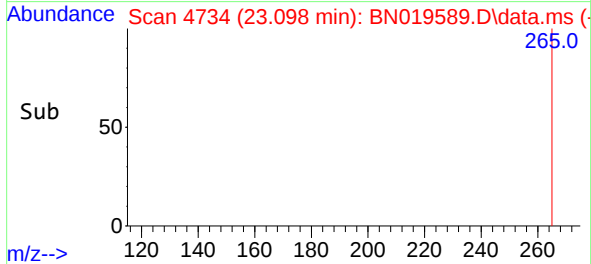
Instrument :
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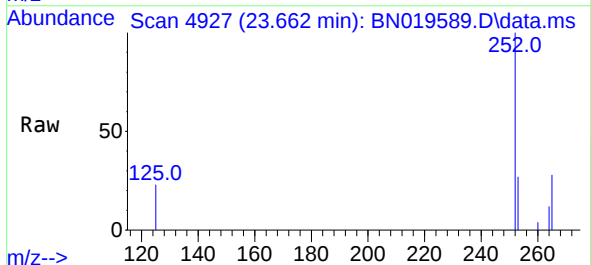
Tgt Ion:252 Resp: 645
Ion Ratio Lower Upper
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253 30.2 20.2 30.2
125 34.0 11.0 16.6

Manual Integrations
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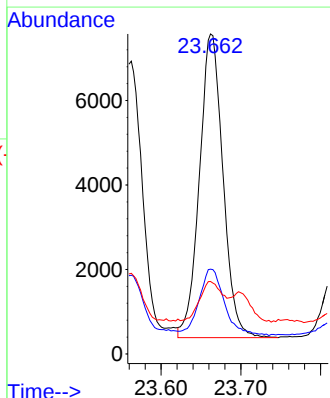
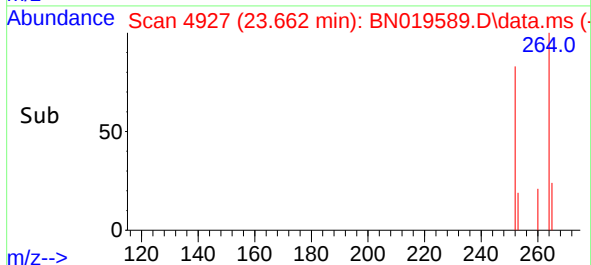
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

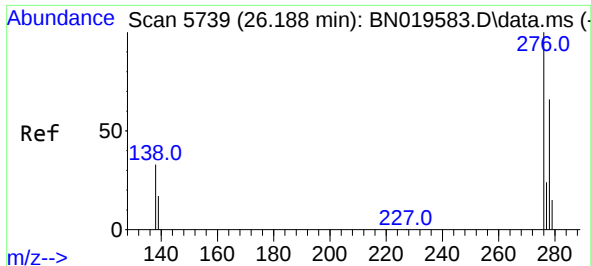


#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.662 min Scan# 4927
Delta R.T. -0.000 min
Lab File: BN019589.D
Acq: 29 Apr 2022 13:29



Tgt Ion:252 Resp: 14742
Ion Ratio Lower Upper
252 100
253 26.5 23.4 35.0
125 22.7 28.3 42.5





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.173 ng/ul

RT: 26.181 min Scan# 5113

Delta R.T. -0.004 min

Lab File: BN019589.D

Acq: 29 Apr 2022 13:29

Instrument :

BNA_N

ClientSampleId :

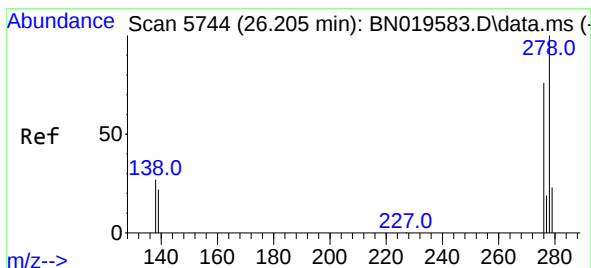
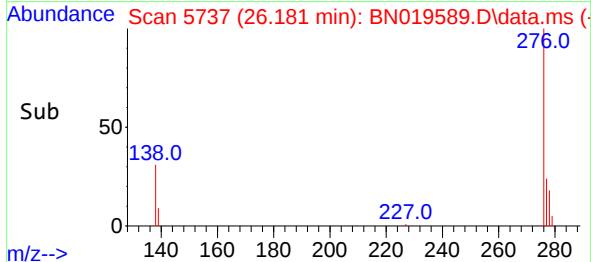
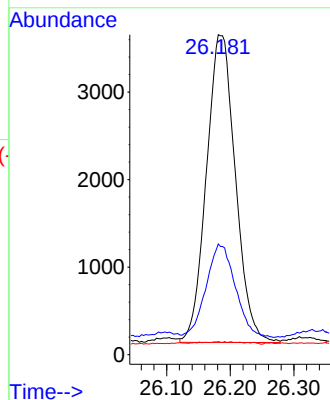
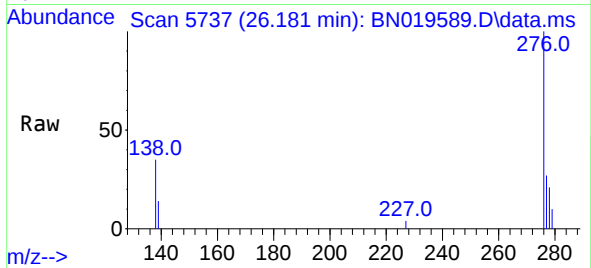
BFFG4DL

Tgt Ion:	276	Resp:	1113
Ion Ratio	Lower	Upper	
276	100		
138	30.5	23.6	35.4
227	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

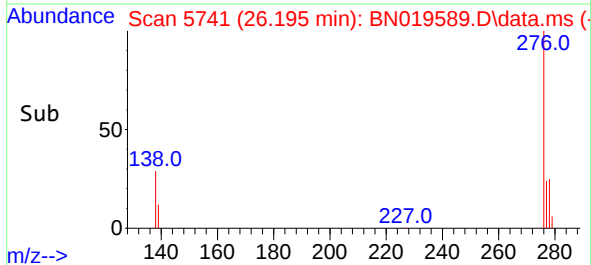
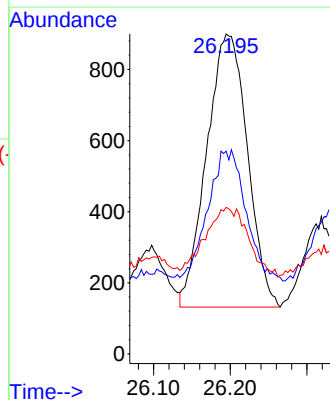
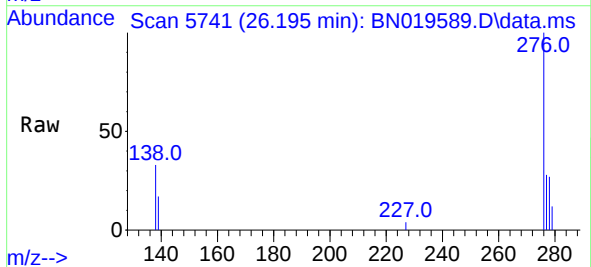
RT: 26.195 min Scan# 5741

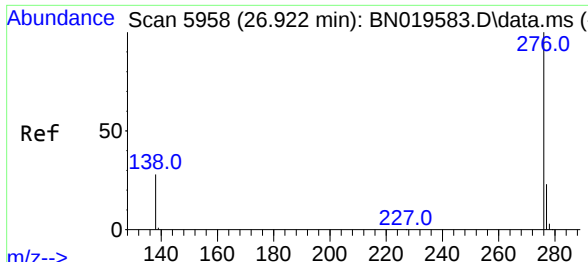
Delta R.T. -0.007 min

Lab File: BN019589.D

Acq: 29 Apr 2022 13:29

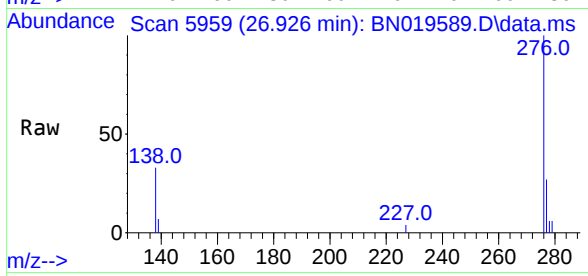
Tgt Ion:	278	Resp:	2841
Ion Ratio	Lower	Upper	
278	100		
139	63.3	18.6	28.0
279	45.8	35.1	52.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.180 ng/ul
 RT: 26.926 min Scan# 5958
 Delta R.T. 0.003 min
 Lab File: BN019589.D
 Acq: 29 Apr 2022 13:29

Instrument : BNA_N
 ClientSampleId : BFFG4DL



Tgt Ion: 276 Resp: 1056

Ion	Ratio	Lower	Upper
276	100		
138	32.7	20.9	31.3
277	26.5	20.4	30.6

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

