

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019573.D
 Acq On : 28 Apr 2022 19:26
 Operator : CG/JU
 Sample : N2469-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 03:01:26 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	4527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	12881	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6852	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	13848	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	12039	0.400	ng/ul	# 0.00
23) Perylene-d12	23.767	264	11237	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	15424	2.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3727	0.191	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	7998	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	4379	0.105	ng/ul	96
7) 2-Methylnaphthalene	12.327	142	3025	0.119	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	2918	0.124	ng/ul#	100
10) Acenaphthylene	14.215	152	17502	0.516	ng/ul	99
11) Acenaphthene	14.557	153	1395	0.051	ng/ul	95
12) Fluorene	15.543	166	3917	0.131	ng/ul#	95
15) Phenanthrene	17.276	178	74586	1.464	ng/ul	99
16) Anthracene	17.365	178	16729	0.403	ng/ul	99
19) Fluoranthene	19.290	202	144124	2.615	ng/ul	99
20) Pyrene	19.652	202	161111	2.929	ng/ul	100
21) Benzo(a)anthracene	21.400	228	68441	1.521	ng/ul	95
22) Chrysene	21.452	228	88954	1.678	ng/ul	97
24) Benzo(b)fluoranthene	23.057	252	101056m	1.772	ng/ul	
25) Benzo(k)fluoranthene	23.098	252	34740m	0.632	ng/ul	
26) Benzo(a)pyrene	23.668	252	69482	1.431	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.188	276	53509	0.883	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.198	278	13549	0.268	ng/ul#	78
29) Benzo(g,h,i)perylene	26.932	276	50760	0.916	ng/ul	95

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

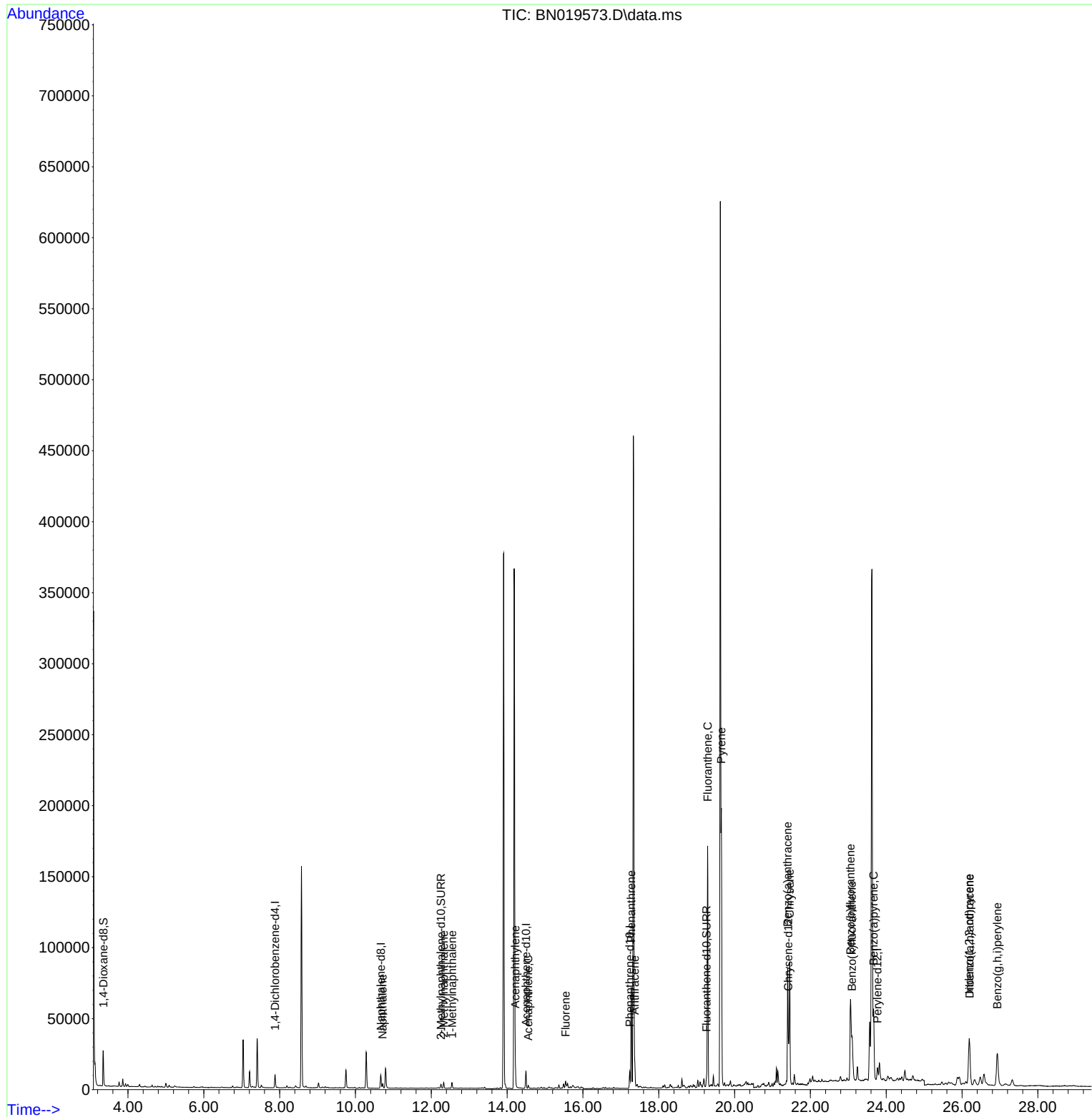
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019573.D
Acq On : 28 Apr 2022 19:26
Operator : CG/JU
Sample : N2469-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

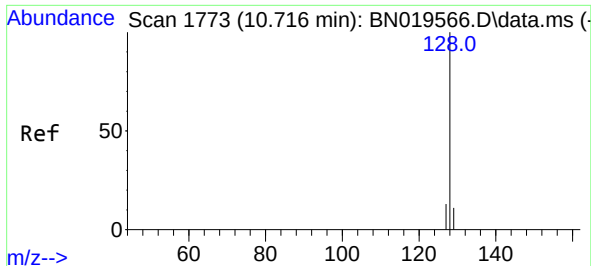
Instrument :
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Supervised By :Yogesh Patel 05/05/2022

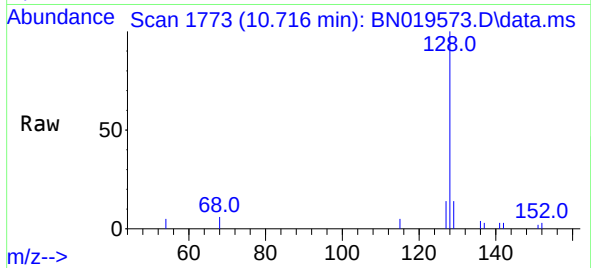
Quant Time: Apr 29 03:01:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

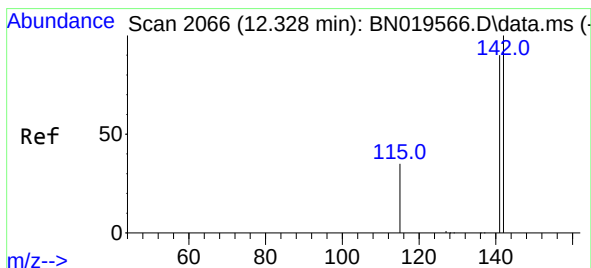
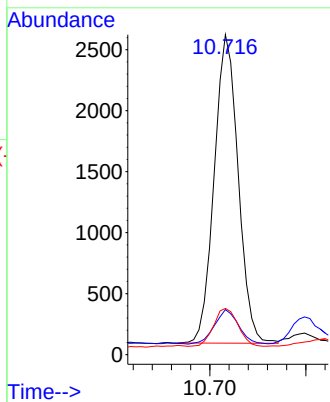
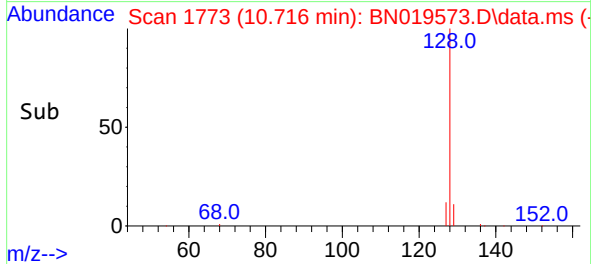
Instrument :
BNA_N
ClientSampleId :
BFFG4



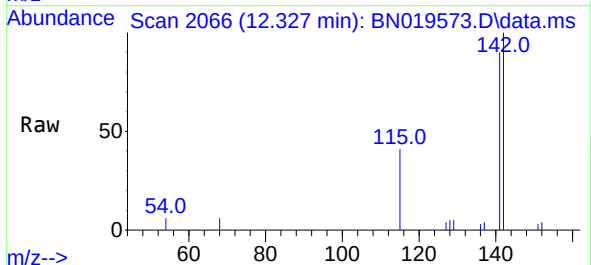
Tgt Ion:128 Resp: 4379
Ion Ratio Lower Upper
128 100
129 14.1 9.5 14.3
127 14.4 11.0 16.4

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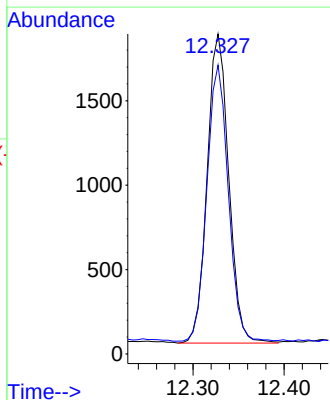
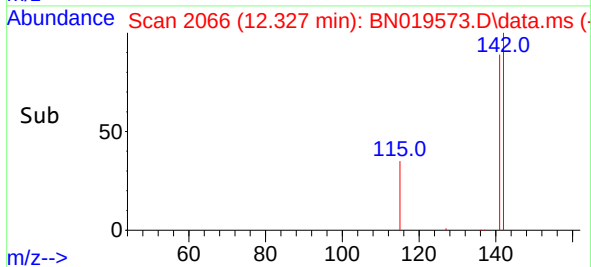
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

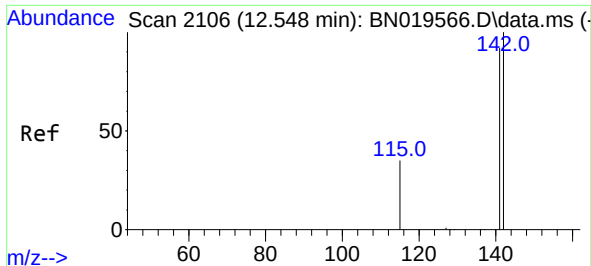


#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26



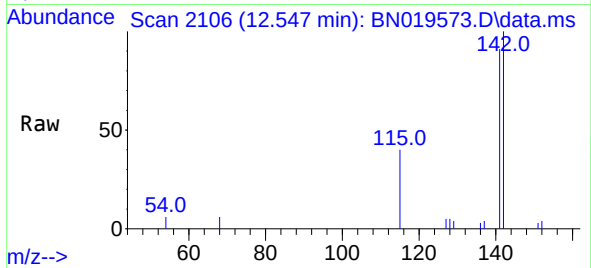
Tgt Ion:142 Resp: 3025
Ion Ratio Lower Upper
142 100
141 88.0 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

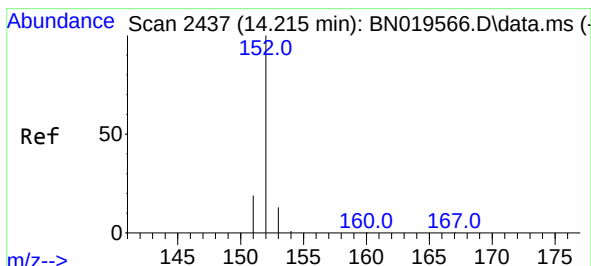
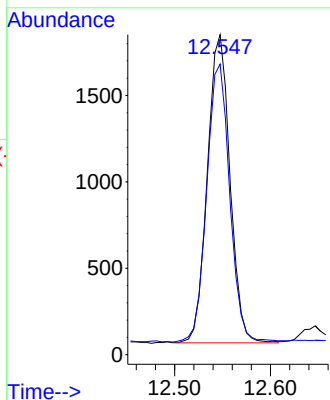
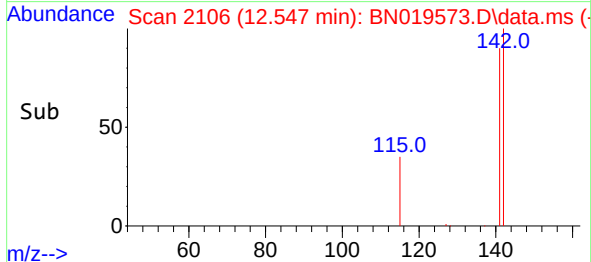
Instrument :
BNA_N
ClientSampleId :
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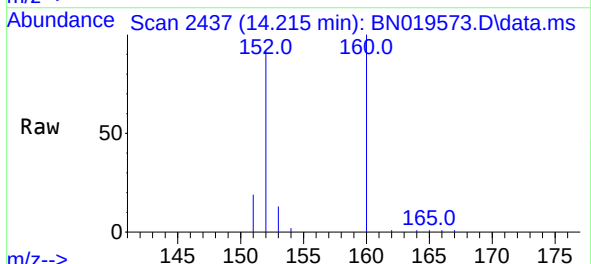
Tgt Ion:142 Resp: 2918
Ion Ratio Lower Upper
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141 91.7 0.0 0.0

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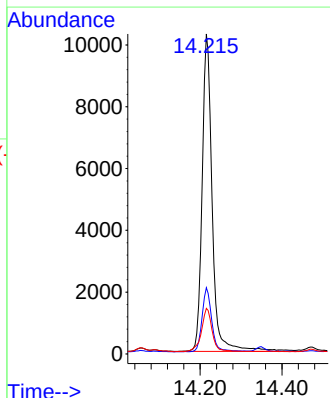
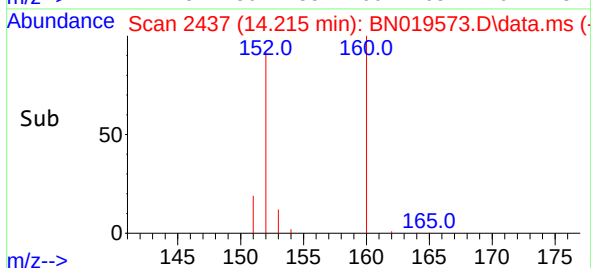
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

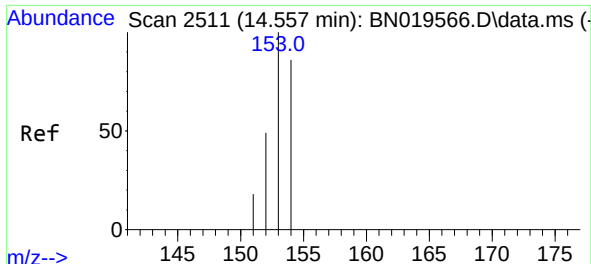


#10
Acenaphthylene
Concen: 0.516 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26



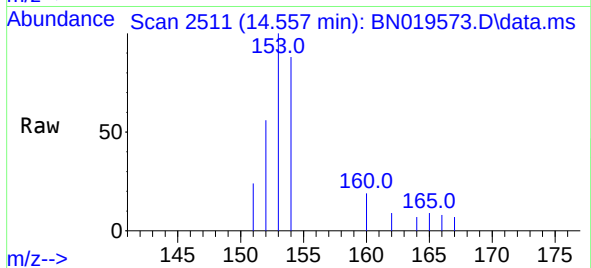
Tgt Ion:152 Resp: 17502
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 11.1 16.7





#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

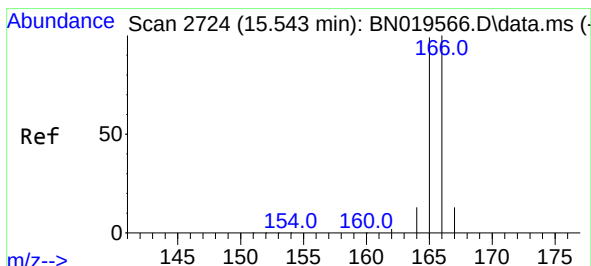
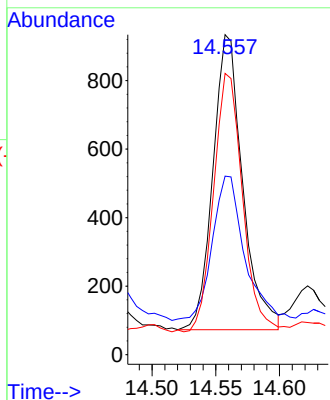
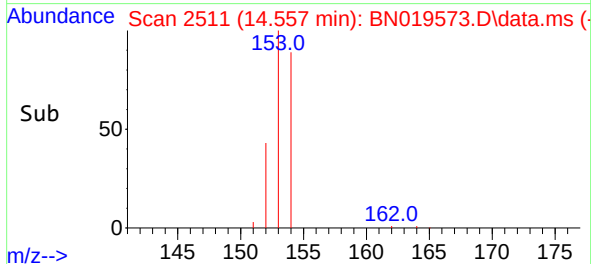
Instrument :
BNA_N
ClientSampleId :
BFFG4



Tgt Ion:153 Resp: 139
Ion Ratio Lower Upper
153 100
152 55.8 38.6 57.8
154 87.9 71.2 106.8

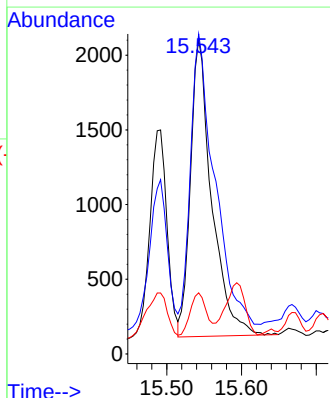
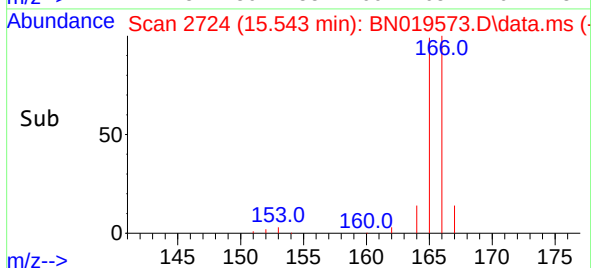
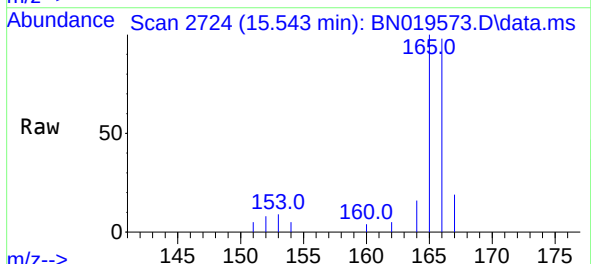
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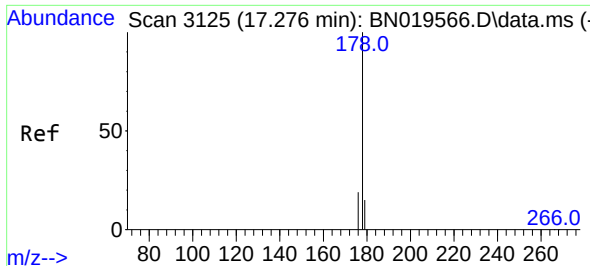
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#12
Fluorene
Concen: 0.131 ng/u1
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

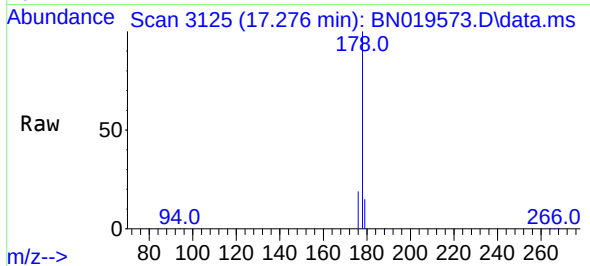
Tgt Ion:166 Resp: 3917
Ion Ratio Lower Upper
166 100
165 101.7 78.2 117.2
167 19.4 11.3 16.9





#15
Phenanthrene
Concen: 1.464 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

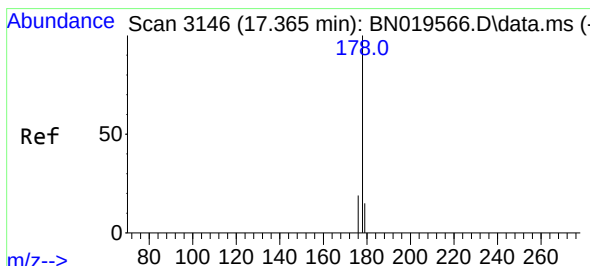
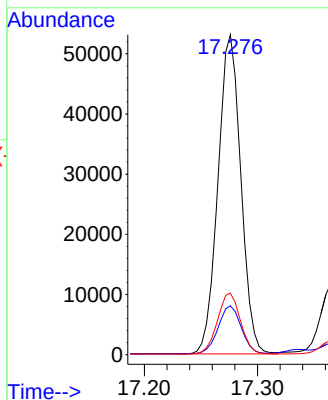
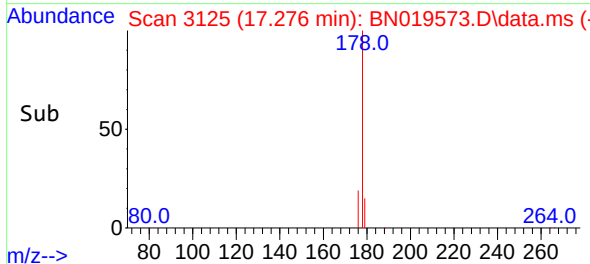
Instrument :
BNA_N
ClientSampleId :
BFFG4



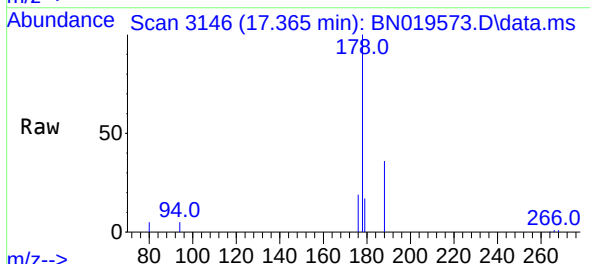
Tgt Ion:178 Resp: 74580
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.2 15.5 23.3

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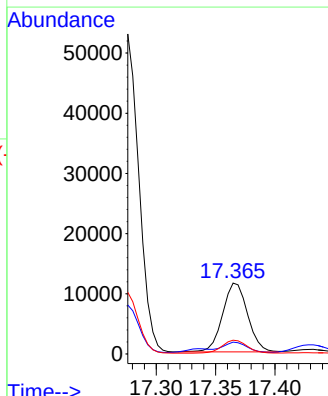
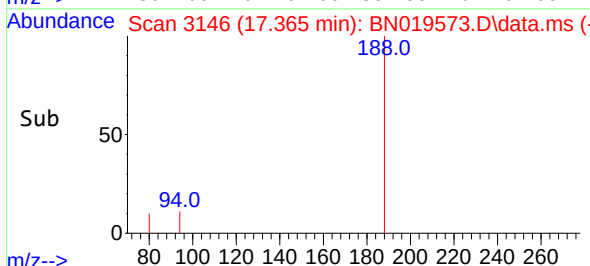
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

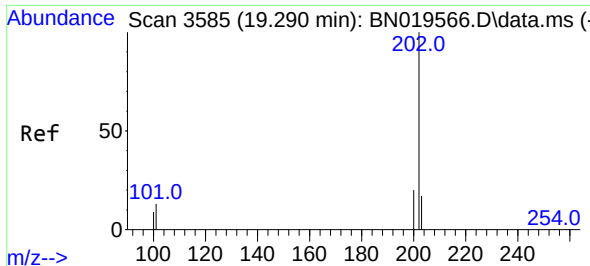


#16
Anthracene
Concen: 0.403 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26



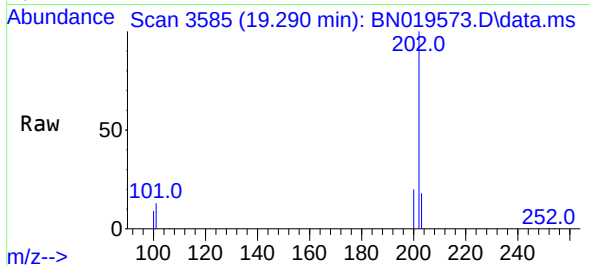
Tgt Ion:178 Resp: 16729
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 19.4 15.3 22.9





#19
Fluoranthene
Concen: 2.615 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

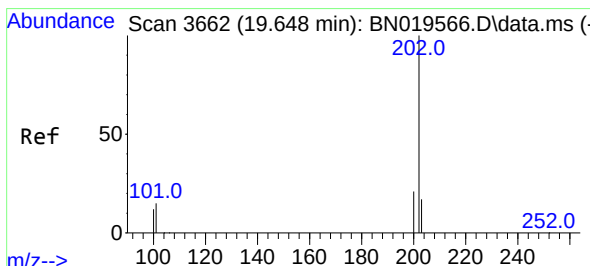
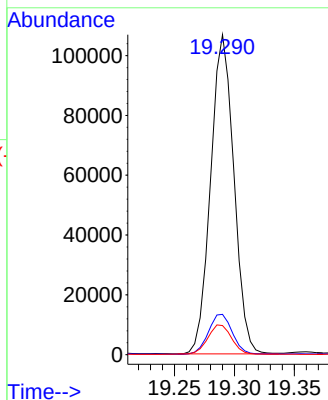
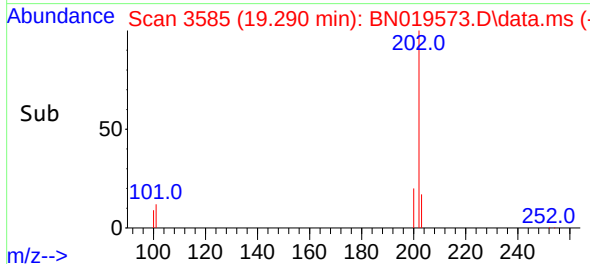
Instrument :
BNA_N
ClientSampleId :
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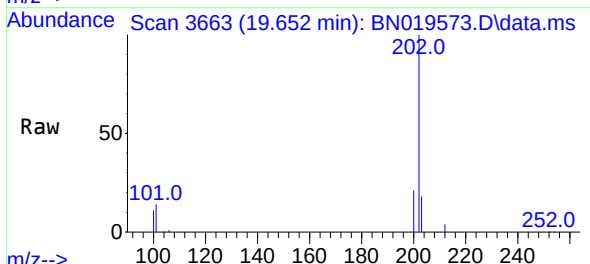
Tgt Ion:202 Resp: 144124
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.1 7.4 11.2

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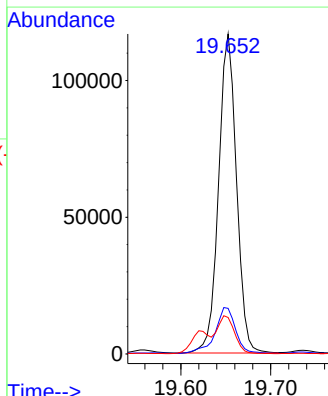
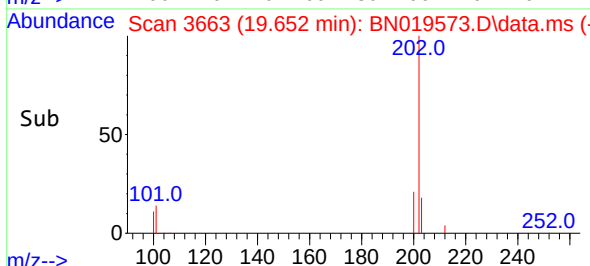
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

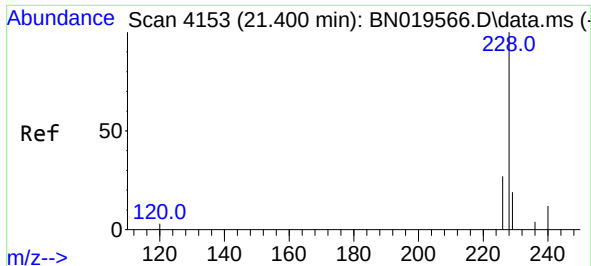


#20
Pyrene
Concen: 2.929 ng/u1
RT: 19.652 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26



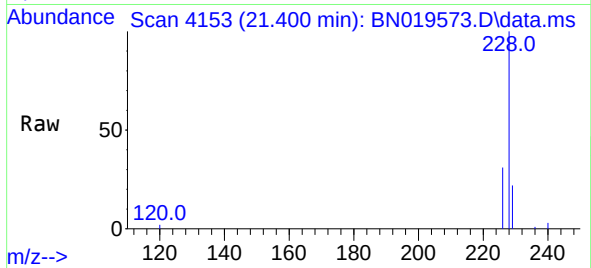
Tgt Ion:202 Resp: 161111
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 1.521 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

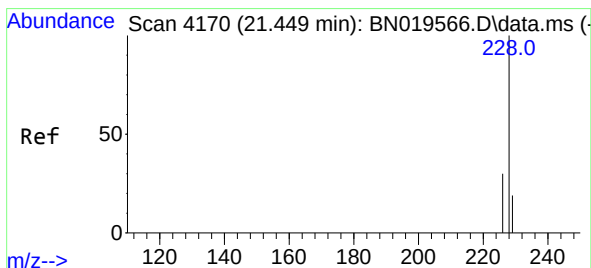
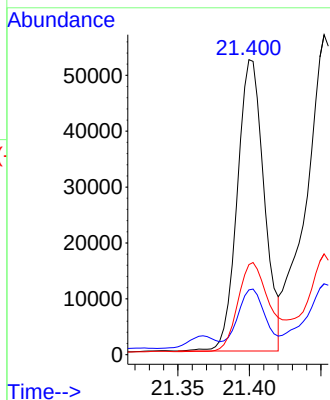
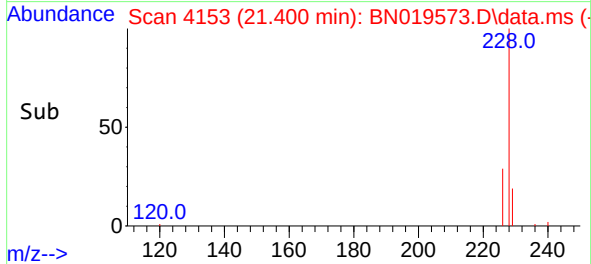
Instrument :
BNA_N
ClientSampleId :
BFFG4



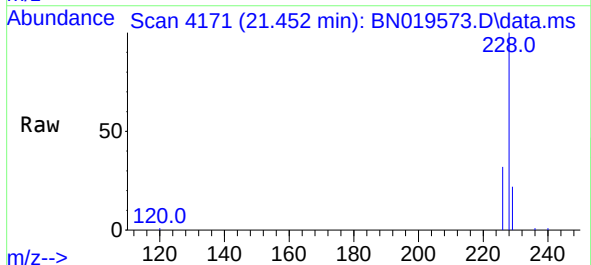
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Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 30.5 22.1 33.1

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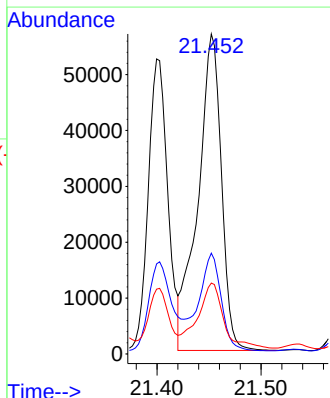
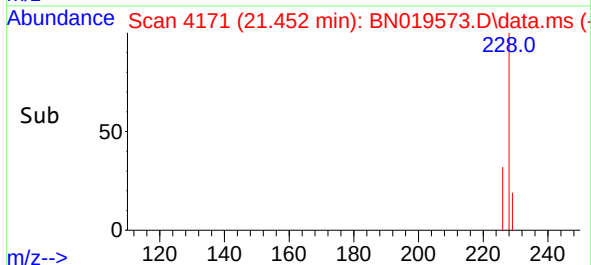
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

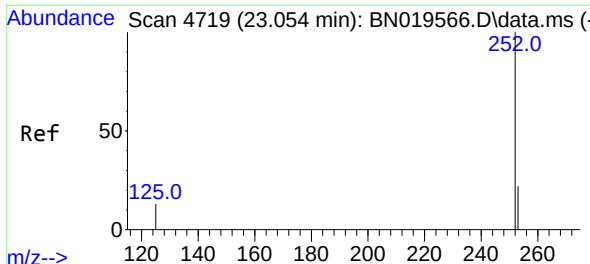


#22
Chrysene
Concen: 1.678 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26



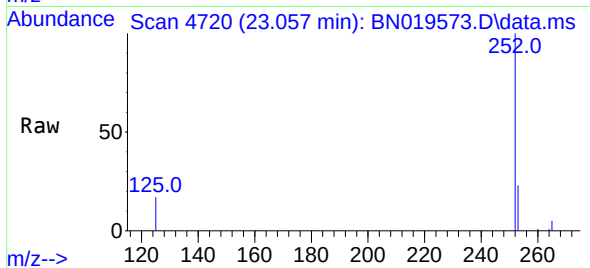
Tgt Ion:228 Resp: 88954
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.2
229 22.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.772 ng/ul m
RT: 23.057 min Scan# 4719
Delta R.T. 0.002 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

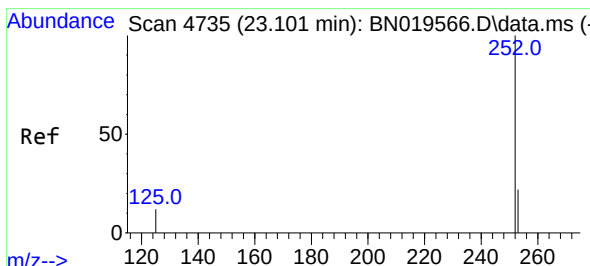
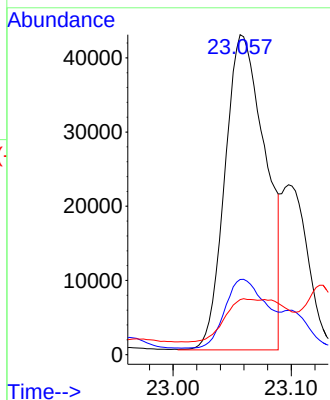
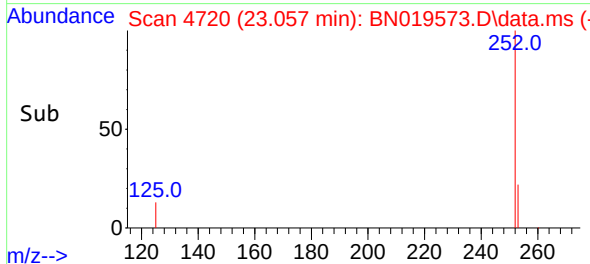
Instrument :
BNA_N
ClientSampleId :
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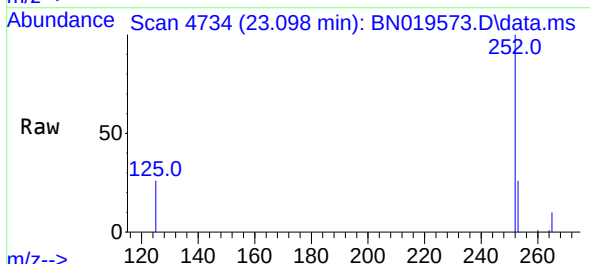
Tgt Ion:252 Resp: 101056
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.0
125 17.2 0.0 40.2

Manual Integrations
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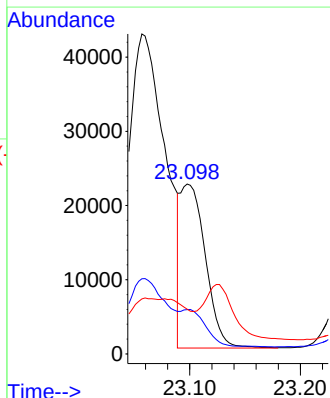
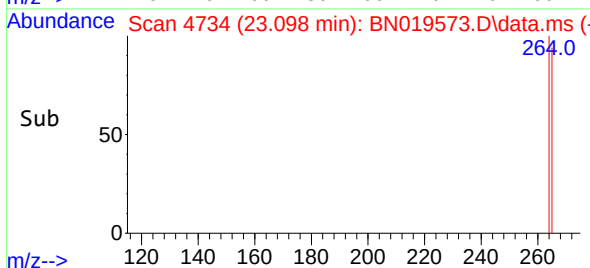
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

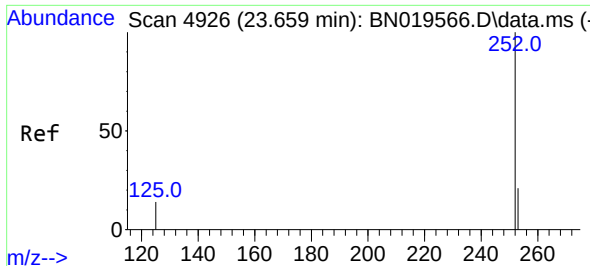


#25
Benzo(k)fluoranthene
Concen: 0.632 ng/ul m
RT: 23.098 min Scan# 4734
Delta R.T. -0.003 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26



Tgt Ion:252 Resp: 34740
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 26.3 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 1.431 ng/ul
RT: 23.668 min Scan# 4926
Delta R.T. 0.005 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

Instrument :

BNA_N

ClientSampleId :

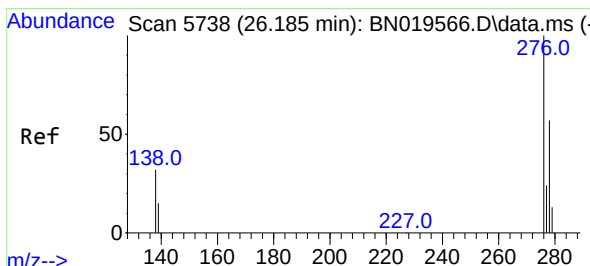
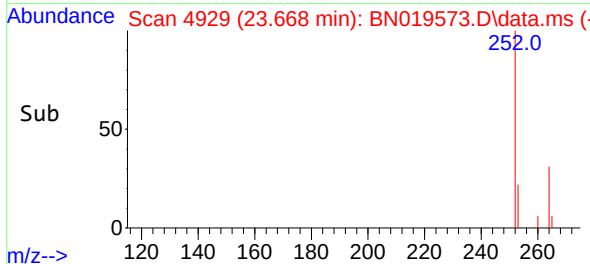
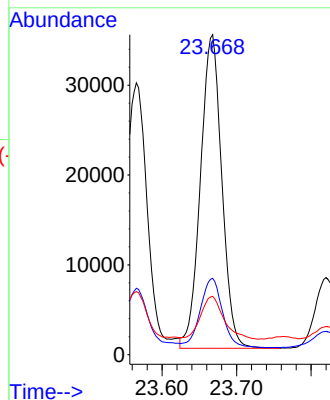
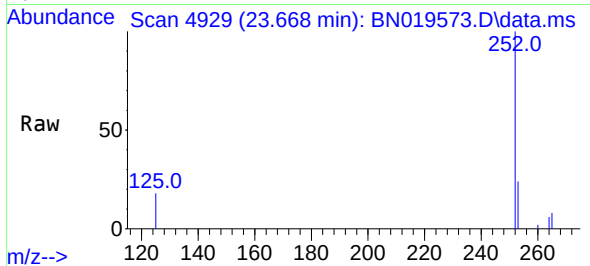
BFFG4

Tgt Ion:252 Resp: 6948
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 18.2 28.3 42.5

Manual Integrations

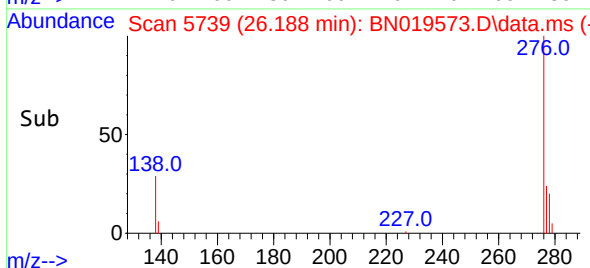
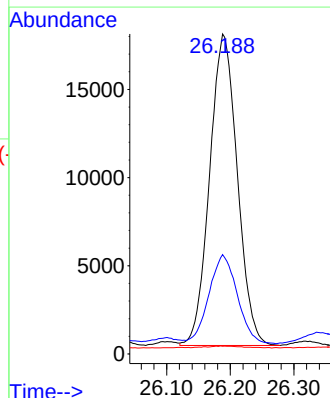
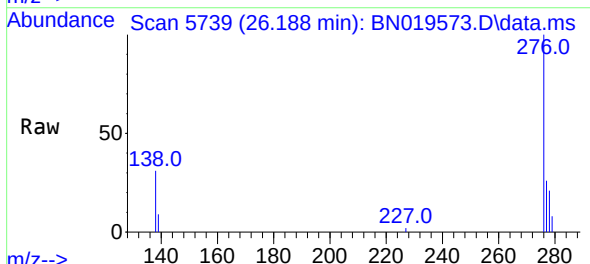
APPROVED

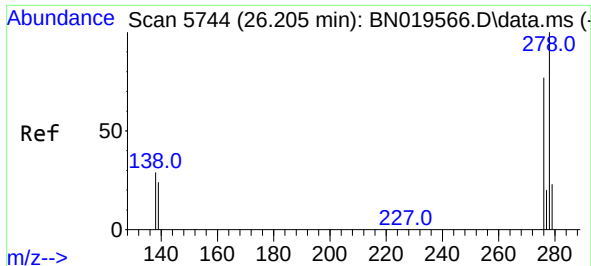
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.883 ng/ul
RT: 26.188 min Scan# 5739
Delta R.T. 0.003 min
Lab File: BN019573.D
Acq: 28 Apr 2022 19:26

Tgt Ion:276 Resp: 53509
Ion Ratio Lower Upper
276 100
138 29.3 23.6 35.4
227 0.5 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.268 ng/ul

RT: 26.198 min Scan# 51

Delta R.T. -0.004 min

Lab File: BN019573.D

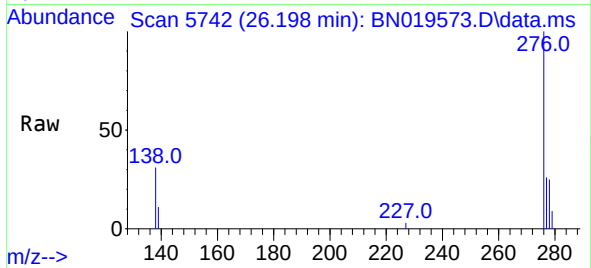
Acq: 28 Apr 2022 19:26

Instrument :

BNA_N

ClientSampleId :

BFFG4



Tgt Ion:278 Resp: 13549

Ion Ratio Lower Upper

278 100

139 42.0 18.6 28.0

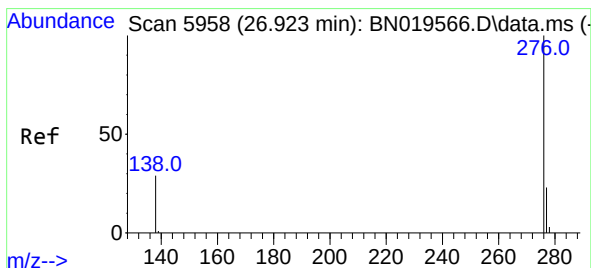
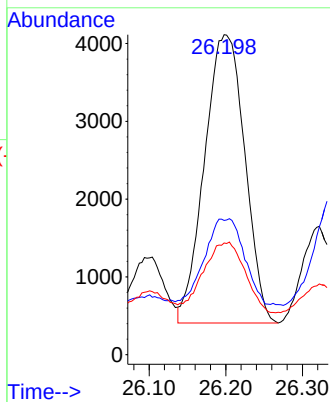
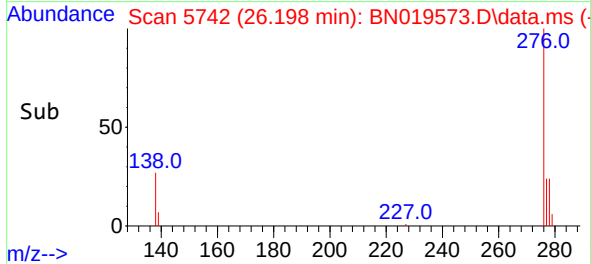
279 34.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022

Supervised By :Yogesh Patel 05/05/2022



#29

Benzo(g,h,i)perylene

Concen: 0.916 ng/ul

RT: 26.932 min Scan# 5961

Delta R.T. 0.010 min

Lab File: BN019573.D

Acq: 28 Apr 2022 19:26

Tgt Ion:276 Resp: 50760

Ion Ratio Lower Upper

276 100

138 31.0 20.9 31.3

277 24.9 20.4 30.6

