

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019571.D
 Acq On : 28 Apr 2022 18:14
 Operator : CG/JU
 Sample : N2469-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFF9

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:16:37 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	4211	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	12020	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	12912	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	11089	0.400	ng/ul	# 0.00
23) Perylene-d12	23.769	264	10273	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	16760	3.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	4212	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	9248	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2864	0.074	ng/ul#	93
7) 2-Methylnaphthalene	12.327	142	2061	0.087	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	1557	0.071	ng/ul#	100
10) Acenaphthylene	14.215	152	17004	0.541	ng/ul	100
11) Acenaphthene	14.557	153	1373	0.054	ng/ul#	93
12) Fluorene	15.543	166	2795	0.101	ng/ul#	92
15) Phenanthrene	17.276	178	75052	1.580	ng/ul	99
16) Anthracene	17.365	178	18967	0.490	ng/ul	100
19) Fluoranthene	19.290	202	258460	5.092	ng/ul	99
20) Pyrene	19.652	202	247345	4.882	ng/ul	98
21) Benzo(a)anthracene	21.398	228	110412	2.664	ng/ul	96
22) Chrysene	21.451	228	168042	3.441	ng/ul	98
24) Benzo(b)fluoranthene	23.058	252	264635m	5.077	ng/ul	
25) Benzo(k)fluoranthene	23.099	252	86162m	1.716	ng/ul	
26) Benzo(a)pyrene	23.664	252	142509	3.210	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.186	276	132502	2.392	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.196	278	28853	0.623	ng/ul#	78
29) Benzo(g,h,i)perylene	26.931	276	117737	2.325	ng/ul	96

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

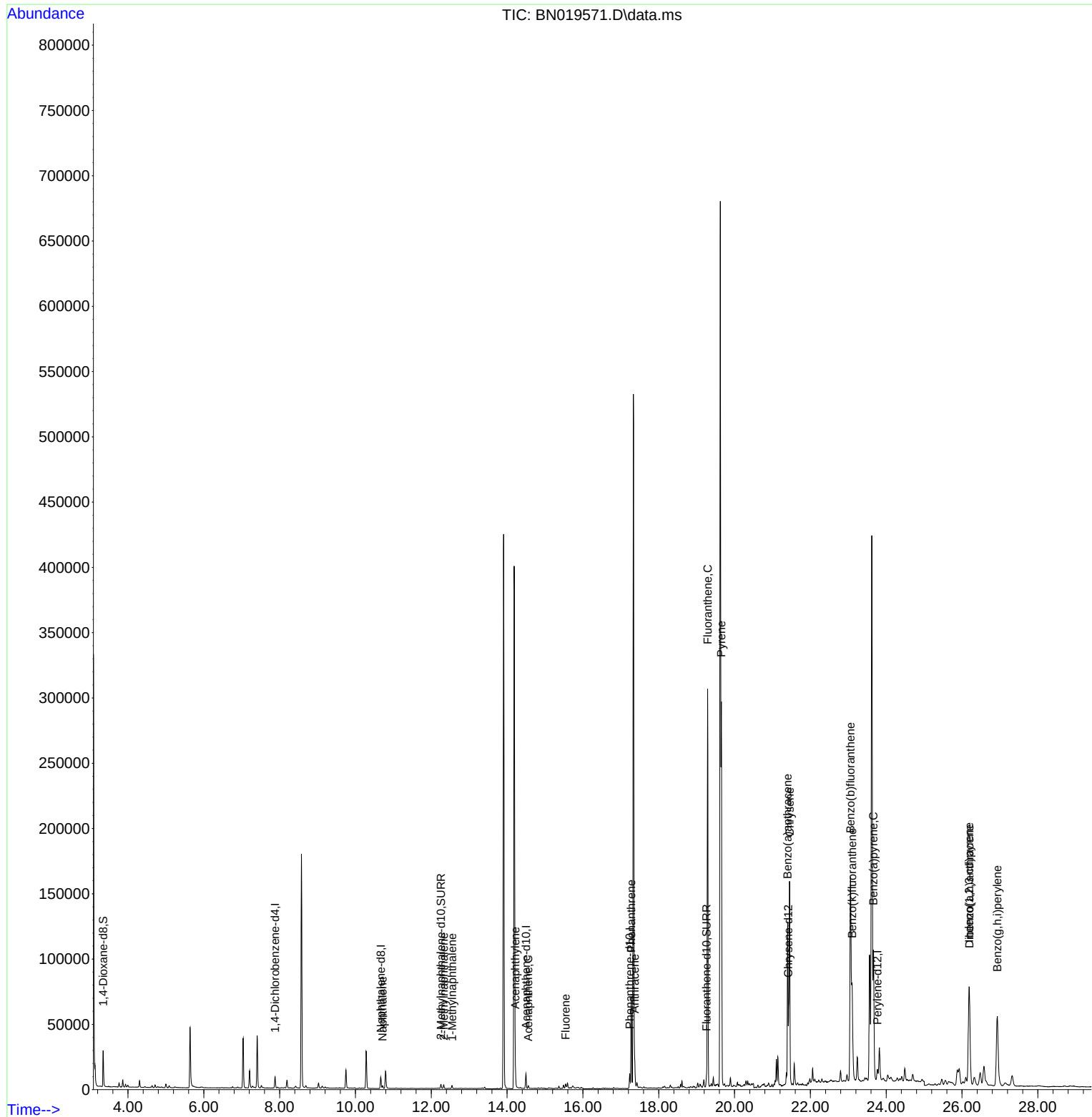
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019571.D
Acq On : 28 Apr 2022 18:14
Operator : CG/JU
Sample : N2469-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

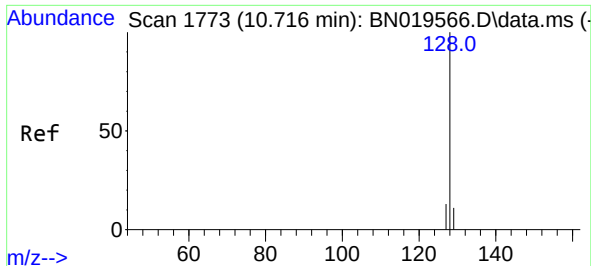
Instrument :
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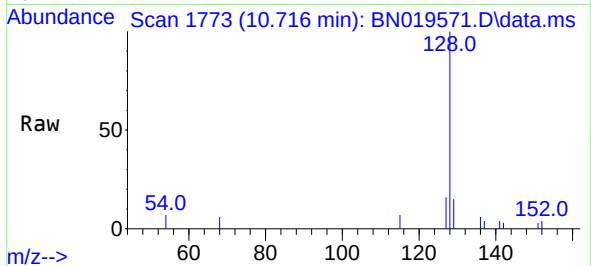
Quant Time: Apr 29 02:16:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
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#5
Naphthalene
Concen: 0.074 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

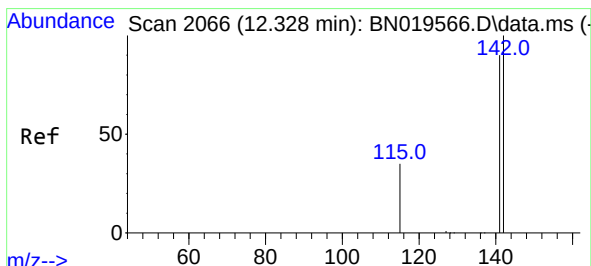
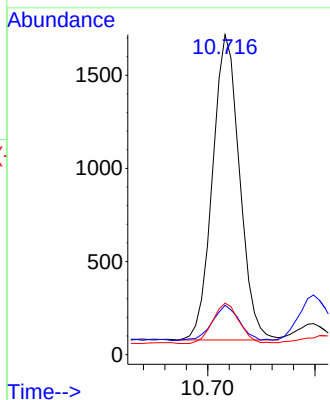
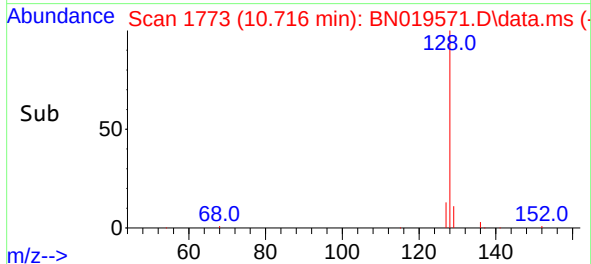
Instrument :
BNA_N
ClientSampleId :
BFFF9



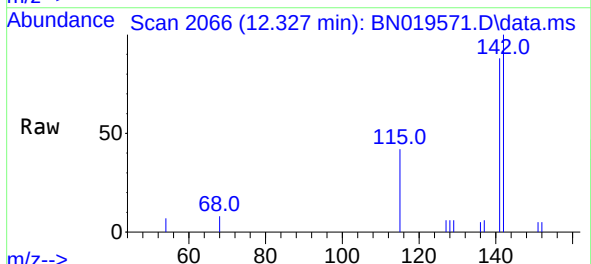
Tgt Ion:128 Resp: 2864
Ion Ratio Lower Upper
128 100
129 15.4 9.5 14.3
127 16.1 11.0 16.4

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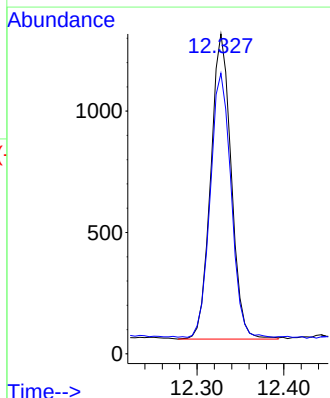
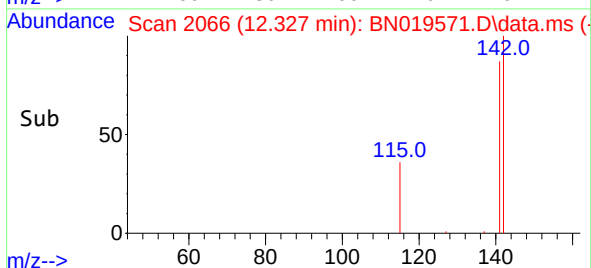
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

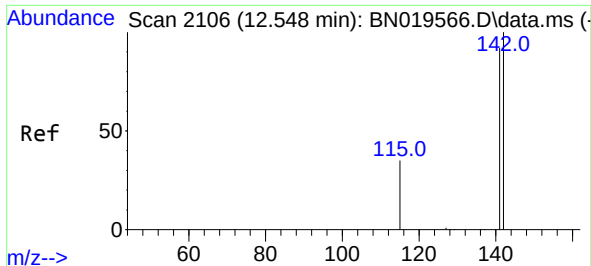


#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14



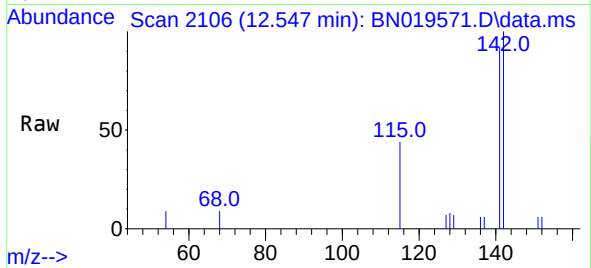
Tgt Ion:142 Resp: 2061
Ion Ratio Lower Upper
142 100
141 87.4 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

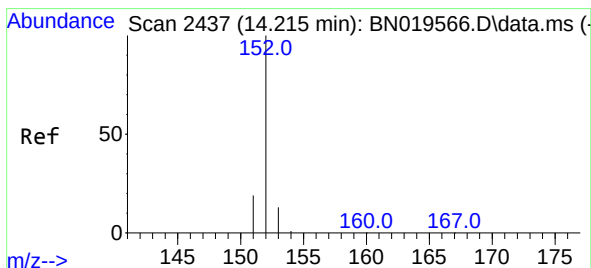
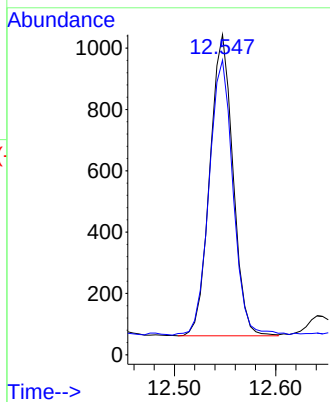
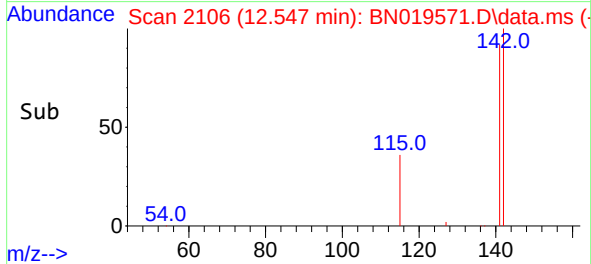
Instrument :
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ClientSampleId :
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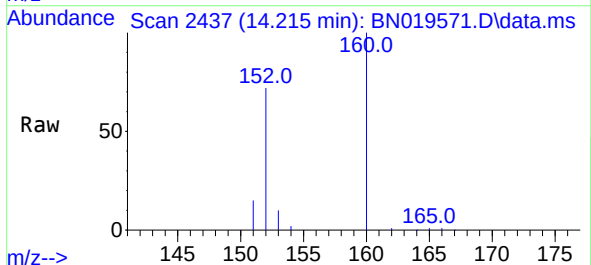
Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
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141 94.6 0.0 0.0

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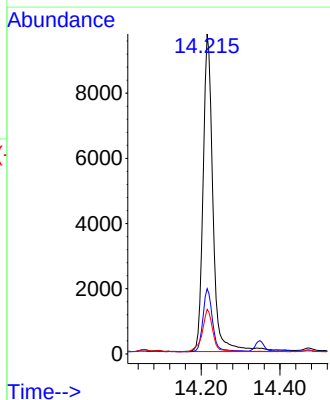
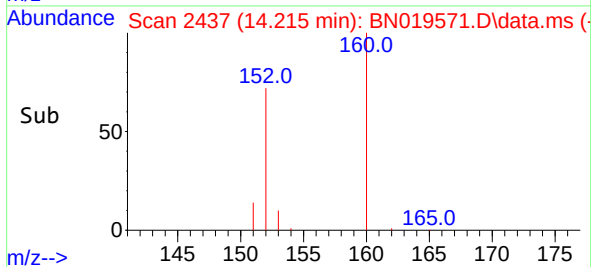
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

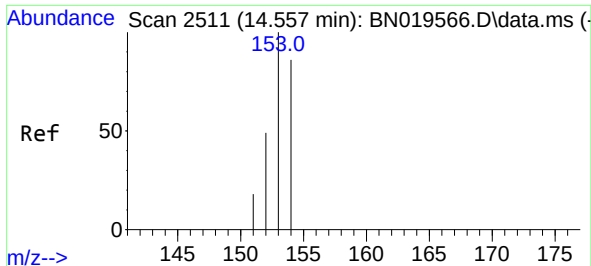


#10
Acenaphthylene
Concen: 0.541 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14



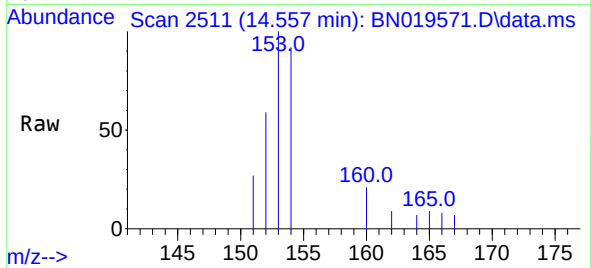
Tgt Ion:152 Resp: 17004
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.9 11.1 16.7





#11
Acenaphthene
Concen: 0.054 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

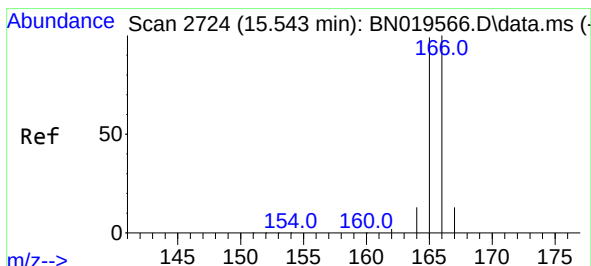
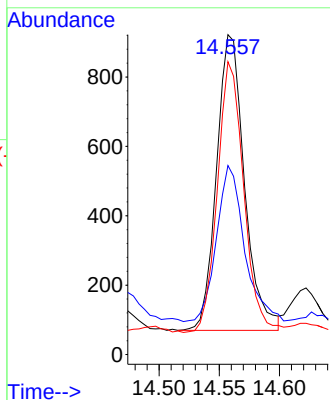
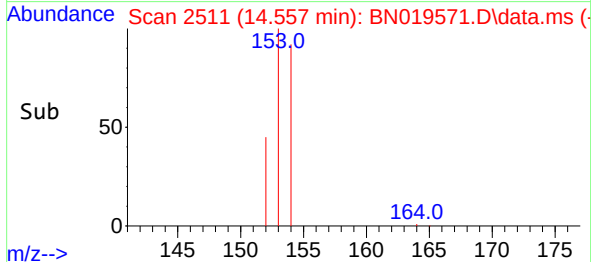
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 137
Ion Ratio Lower Upper
153 100
152 59.1 38.6 57.8
154 91.5 71.2 106.8

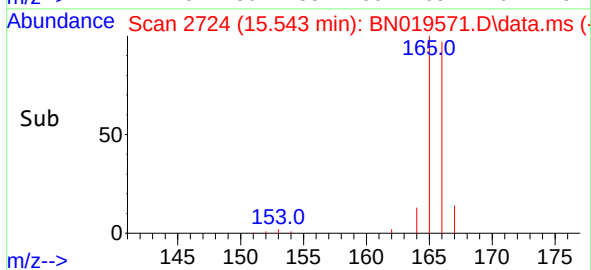
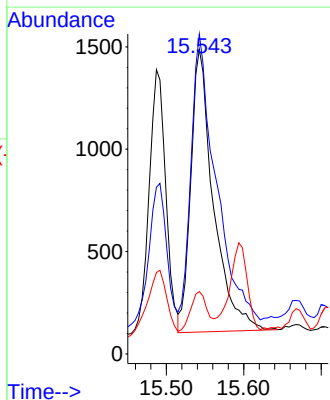
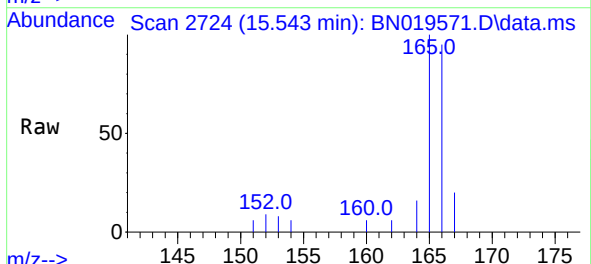
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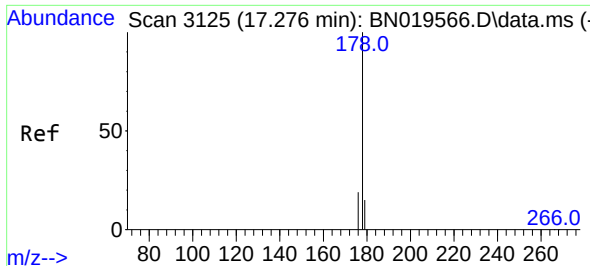
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#12
Fluorene
Concen: 0.101 ng/u1
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

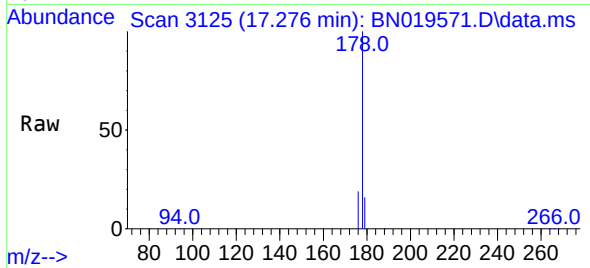
Tgt Ion:166 Resp: 2795
Ion Ratio Lower Upper
166 100
165 105.0 78.2 117.2
167 20.5 11.3 16.9





#15
Phenanthrene
Concen: 1.580 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

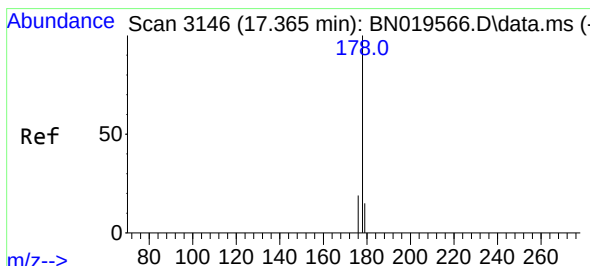
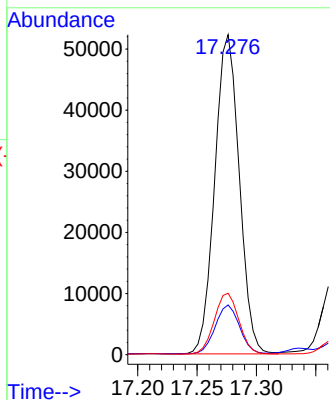
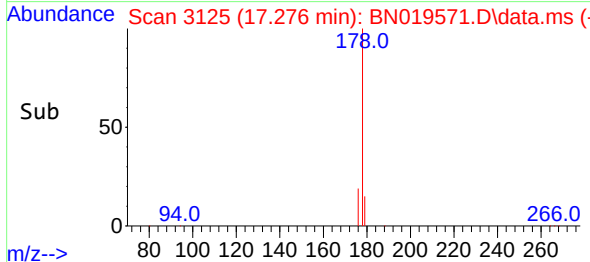
Instrument :
BNA_N
ClientSampleId :
BFFF9



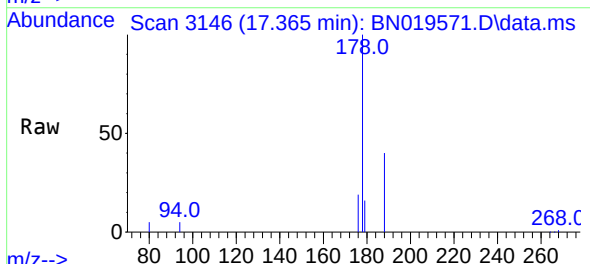
Tgt Ion:178 Resp: 75052
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.2 15.5 23.3

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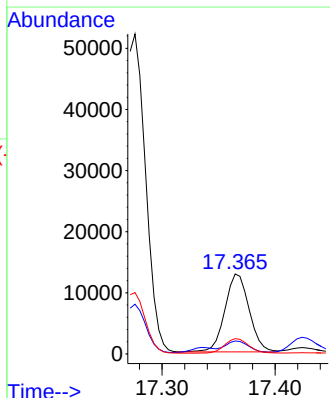
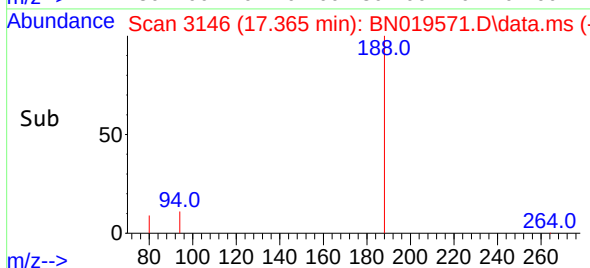
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

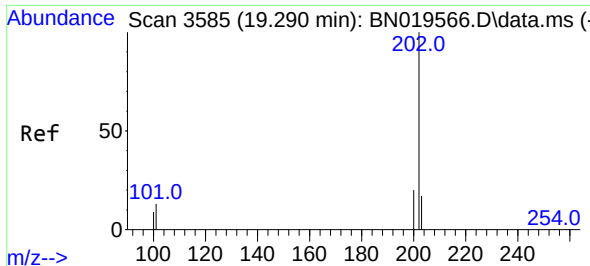


#16
Anthracene
Concen: 0.490 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14



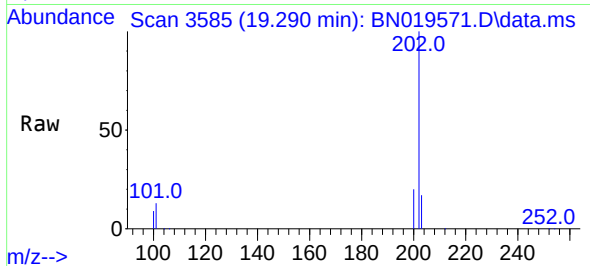
Tgt Ion:178 Resp: 18967
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 5.092 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

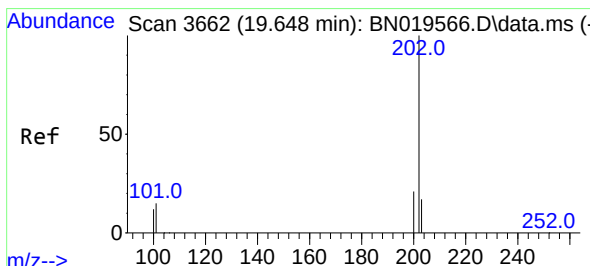
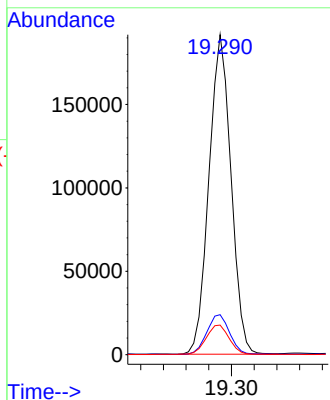
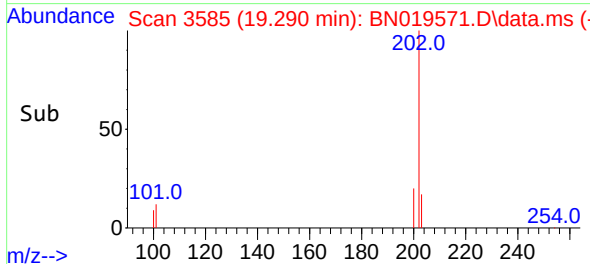
Instrument :
BNA_N
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BFFF9



Tgt Ion:202 Resp: 258460
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.3 7.4 11.2

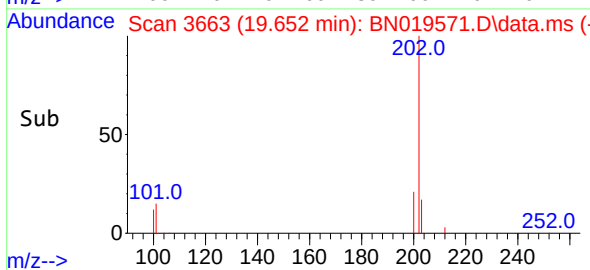
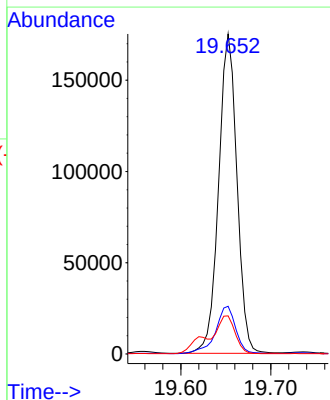
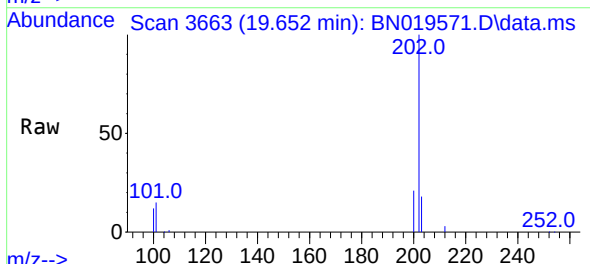
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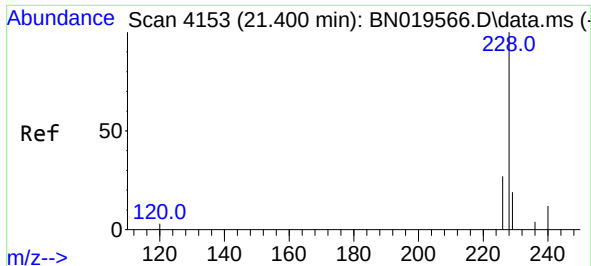
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 4.882 ng/u1
RT: 19.652 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

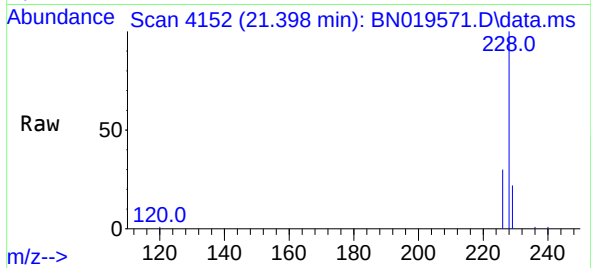
Tgt Ion:202 Resp: 247345
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 2.664 ng/ul
RT: 21.398 min Scan# 4153
Delta R.T. -0.002 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

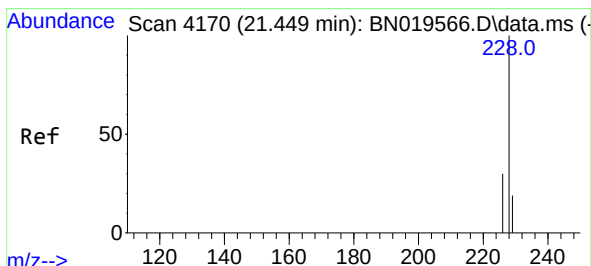
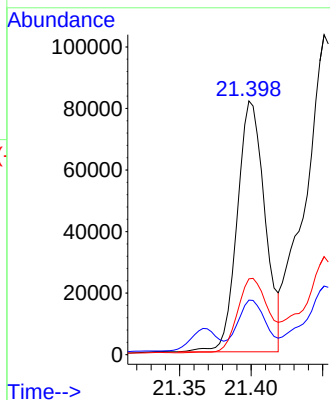
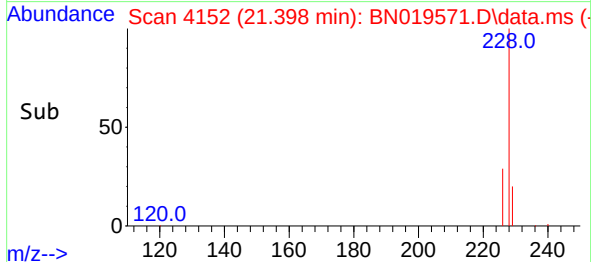
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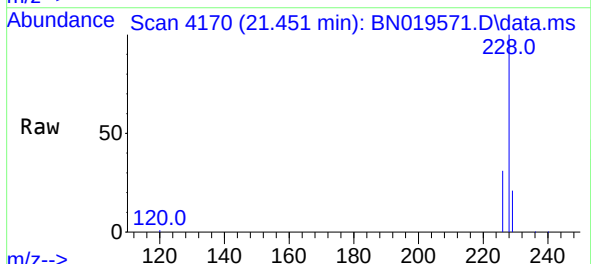
Tgt Ion:228 Resp: 110412
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 29.9 22.1 33.1

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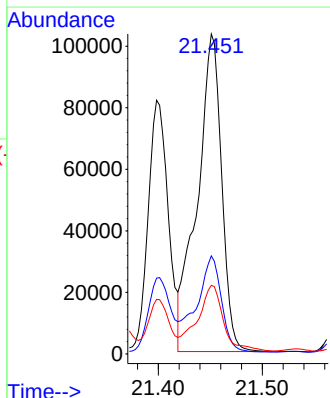
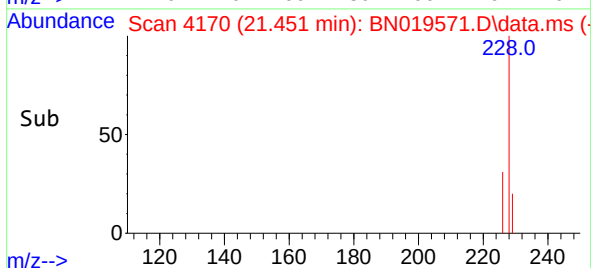
Reviewed By :Jagrut Upadhyay 04/29/2022
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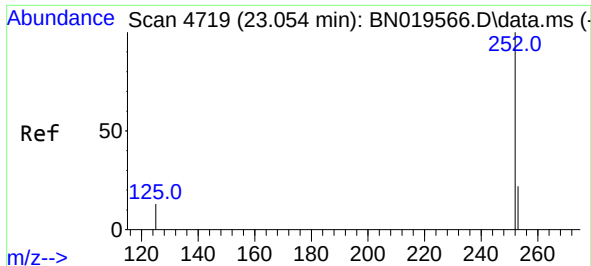


#22
Chrysene
Concen: 3.441 ng/ul
RT: 21.451 min Scan# 4170
Delta R.T. -0.002 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14



Tgt Ion:228 Resp: 168042
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 21.4 16.0 24.0





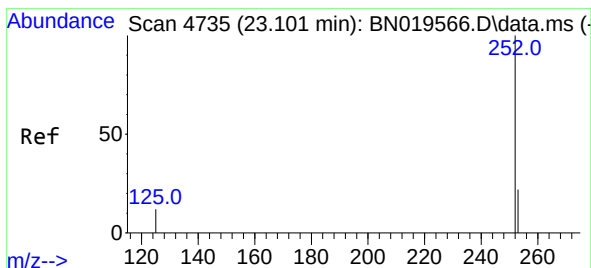
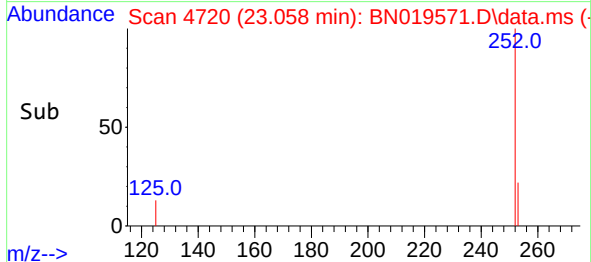
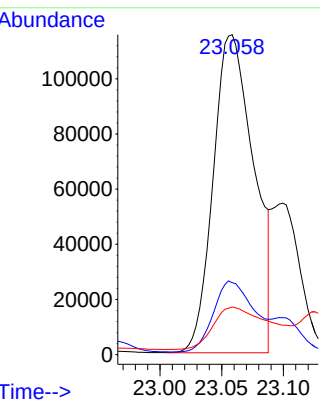
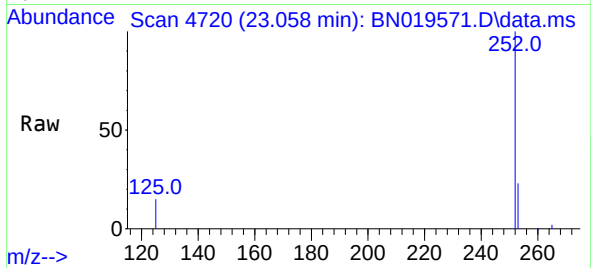
#24
Benzo(b)fluoranthene
Concen: 5.077 ng/ul m
RT: 23.058 min Scan# 4719
Delta R.T. 0.004 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 264635
Ion Ratio Lower Upper
252 100
253 22.5 0.0 52.0
125 14.9 0.0 40.2

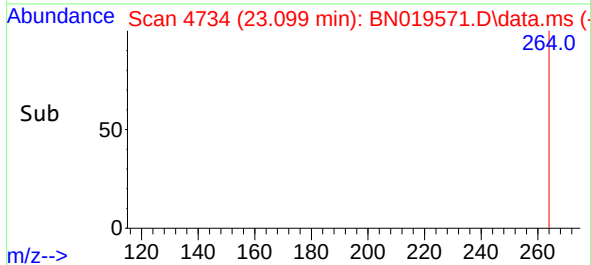
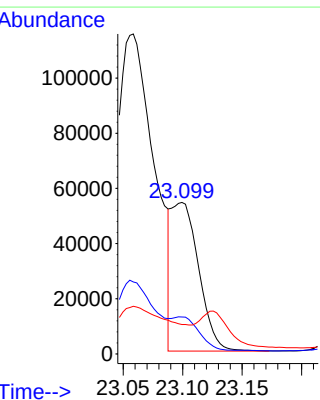
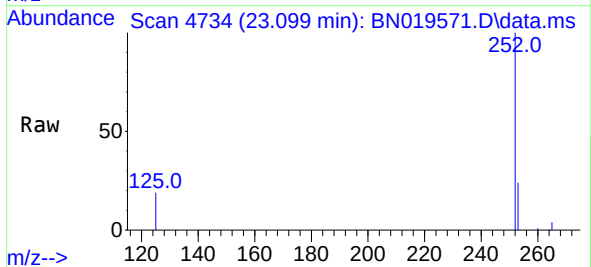
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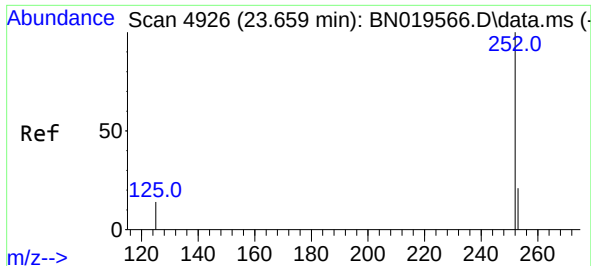
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#25
Benzo(k)fluoranthene
Concen: 1.716 ng/ul m
RT: 23.099 min Scan# 4734
Delta R.T. -0.002 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

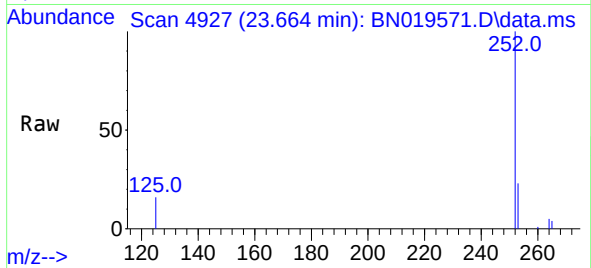
Tgt Ion:252 Resp: 86162
Ion Ratio Lower Upper
252 100
253 24.4 20.2 30.2
125 19.4 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 3.210 ng/ul
RT: 23.664 min Scan# 4927
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

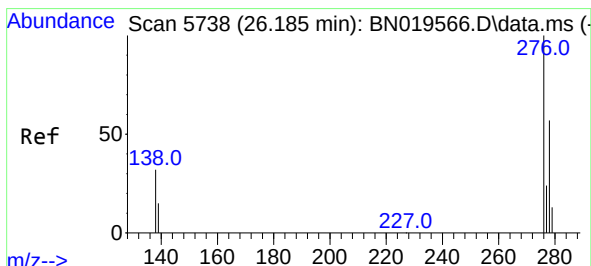
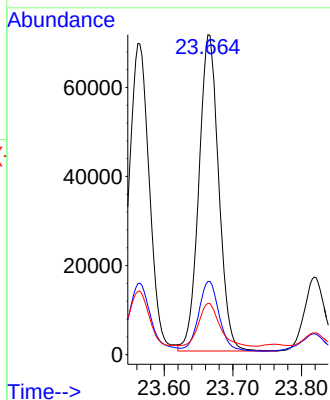
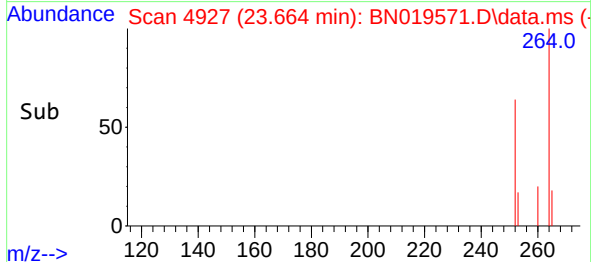
Instrument :
BNA_N
ClientSampleId :
BFFF9



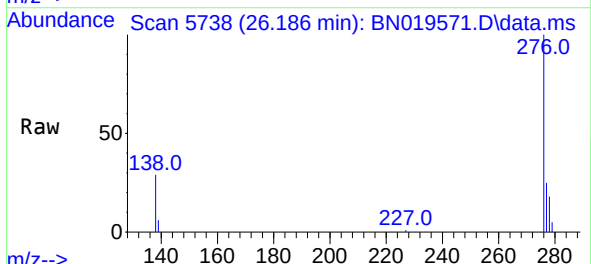
Tgt Ion:252 Resp: 142509
Ion Ratio Lower Upper
252 100
253 22.9 23.4 35.0
125 16.1 28.3 42.5

Manual Integrations
APPROVED

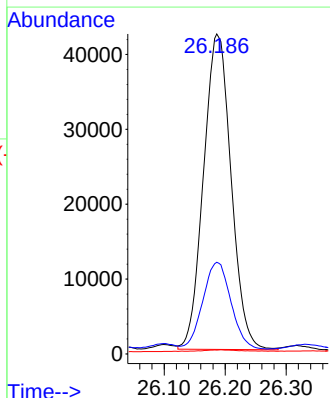
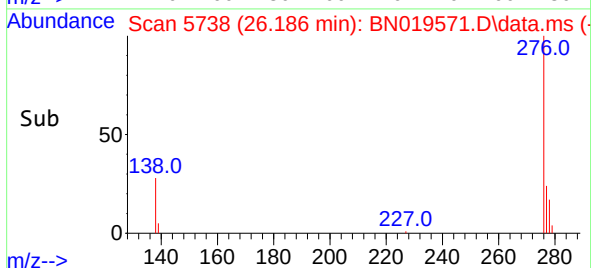
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

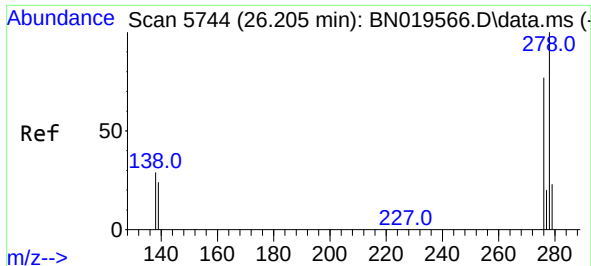


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.392 ng/ul
RT: 26.186 min Scan# 5738
Delta R.T. 0.001 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14



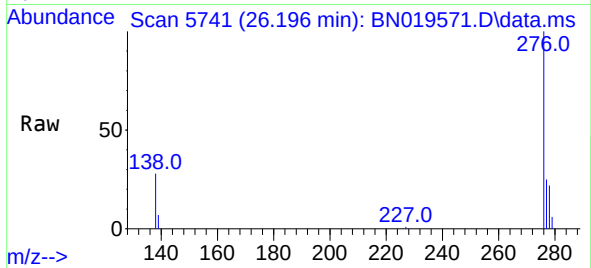
Tgt Ion:276 Resp: 132502
Ion Ratio Lower Upper
276 100
138 28.0 23.6 35.4
227 0.6 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.623 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14

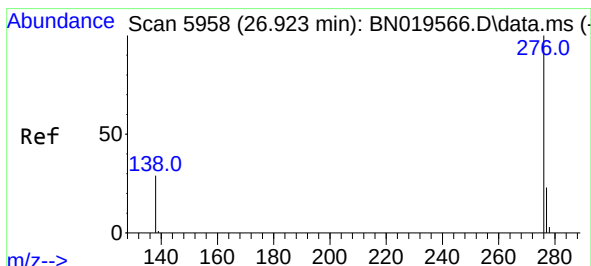
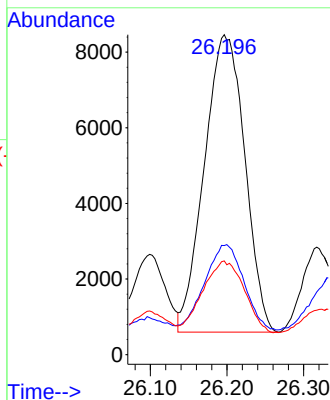
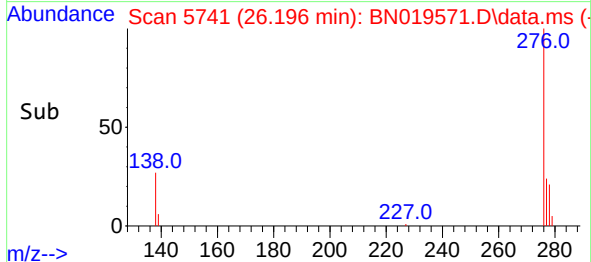
Instrument :
BNA_N
ClientSampleId :
BFFF9



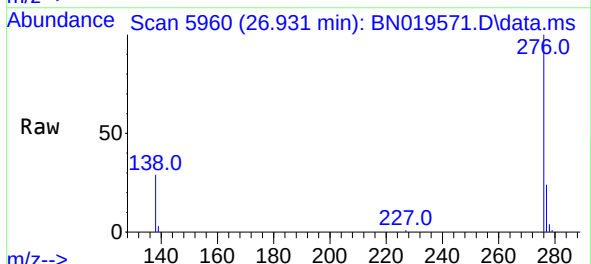
Tgt Ion:278 Resp: 2885
Ion Ratio Lower Upper
278 100
139 34.1 18.6 28.0
279 29.3 35.1 52.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.325 ng/ul
RT: 26.931 min Scan# 5960
Delta R.T. 0.008 min
Lab File: BN019571.D
Acq: 28 Apr 2022 18:14



Tgt Ion:276 Resp: 117737
Ion Ratio Lower Upper
276 100
138 28.8 20.9 31.3
277 24.1 20.4 30.6

