

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
 Data File : BN019458.D
 Acq On : 15 Apr 2022 12:27
 Operator : CG/JU
 Sample : N2280-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 05:01:43 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	4934	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	15267	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	8799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.197	188	17351	0.400	ng/ul	0.00
17) Chrysene-d12	21.389	240	11718	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	7371m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	11281	1.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.213	152	2847	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	6766	0.156	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	4975	0.114	ng/ul	97
7) 2-Methylnaphthalene	12.290	142	3528	0.125	ng/ul#	100
8) 1-Methylnaphthalene	12.505	142	3581	0.121	ng/ul#	100
10) Acenaphthylene	14.174	152	7296	0.229	ng/ul	96
11) Acenaphthene	14.521	153	2573	0.081	ng/ul	98
12) Fluorene	15.507	166	5309	0.150	ng/ul#	97
15) Phenanthrene	17.239	178	114544	1.987	ng/ul	99
16) Anthracene	17.332	178	8340	0.188	ng/ul	98
19) Fluoranthene	19.259	202	130778	2.243	ng/ul	99
20) Pyrene	19.621	202	185171	2.985	ng/ul	99
21) Benzo(a)anthracene	21.372	228	42696	1.184	ng/ul	95
22) Chrysene	21.424	228	78428	1.661	ng/ul	97
24) Benzo(b)fluoranthene	23.026	252	64200m	1.882	ng/ul	
25) Benzo(k)fluoranthene	23.067	252	22953m	0.583	ng/ul	
26) Benzo(a)pyrene	23.631	252	40834	1.401	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.162	276	28547	0.881	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.172	278	6129	0.266	ng/ul#	85
29) Benzo(g,h,i)perylene	26.903	276	34237	1.093	ng/ul	99

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

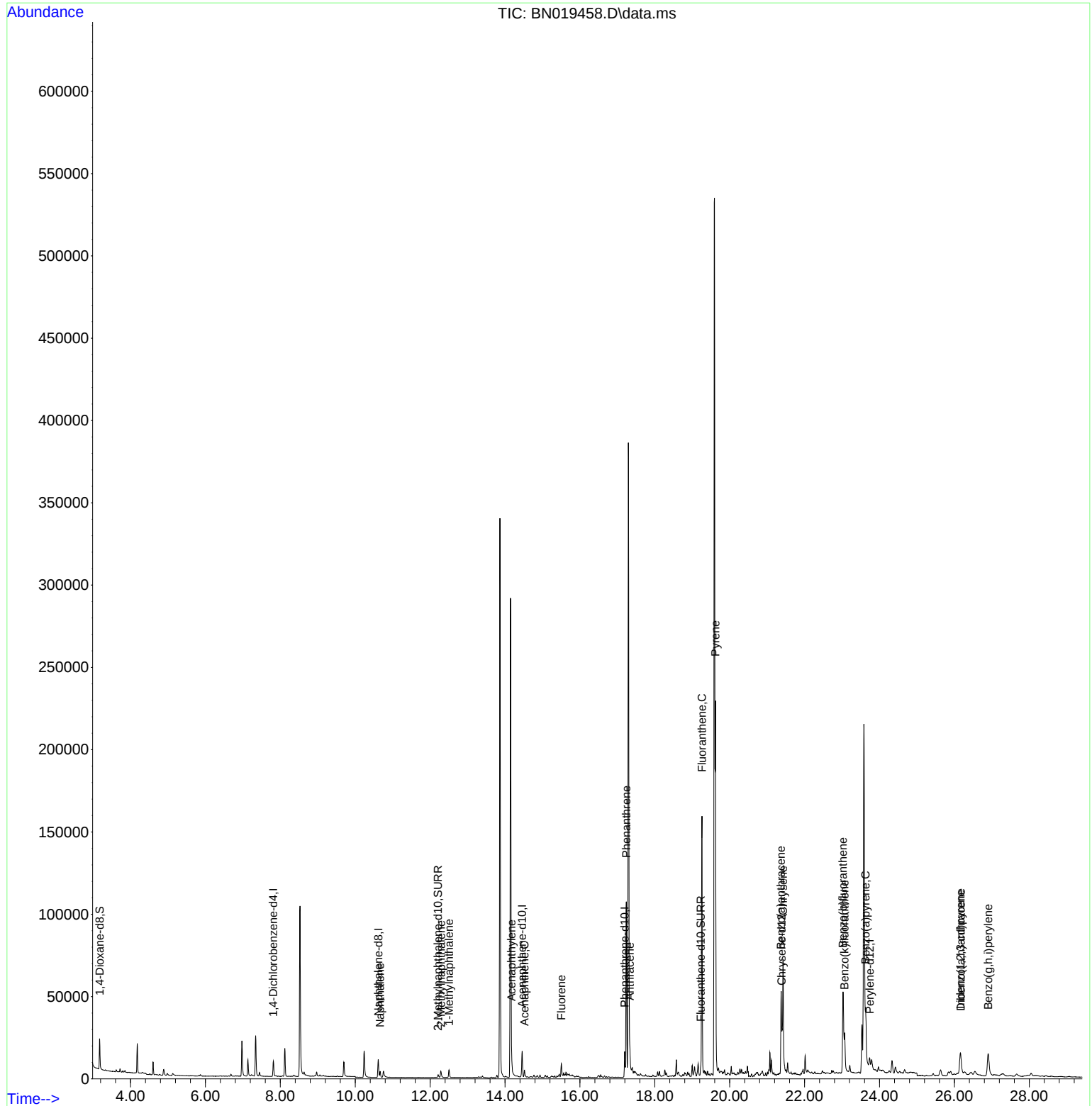
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
Data File : BN019458.D
Acq On : 15 Apr 2022 12:27
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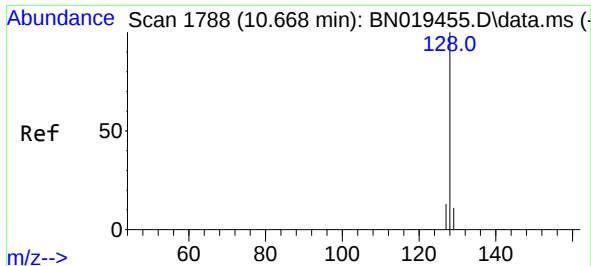
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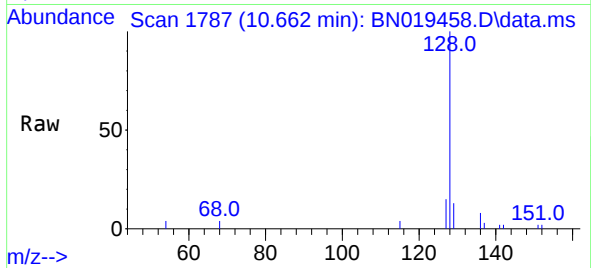
Quant Time: Apr 18 05:01:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:35:39 2022
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#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.662 min Scan# 1788
Delta R.T. -0.011 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

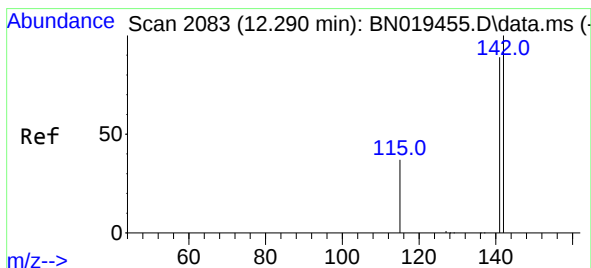
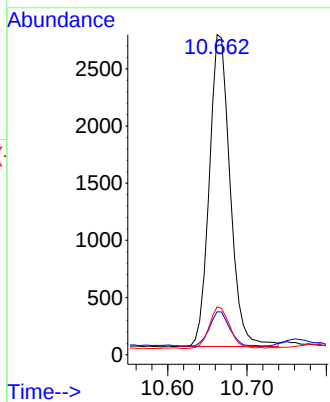
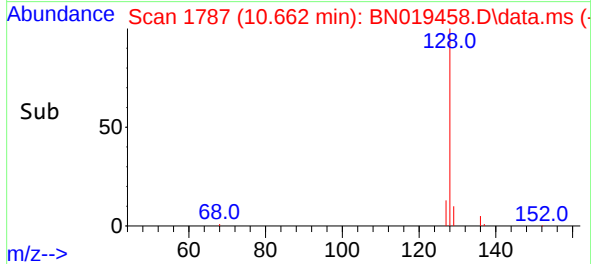
Instrument :
BNA_N
ClientSampleId :
BFFC0



Tgt Ion:128 Resp: 4975
Ion Ratio Lower Upper
128 100
129 13.4 9.5 14.3
127 14.9 11.0 16.4

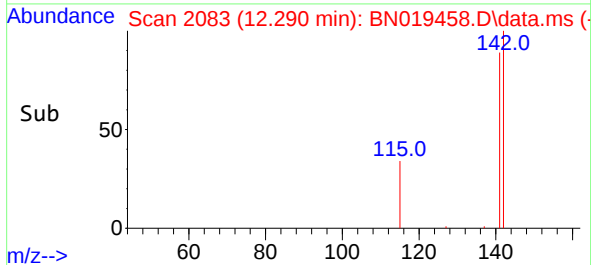
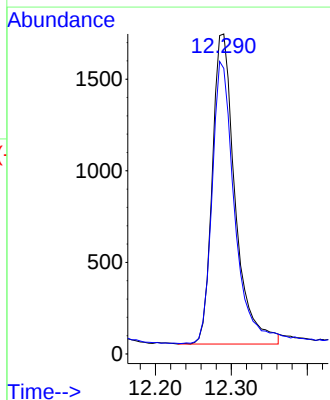
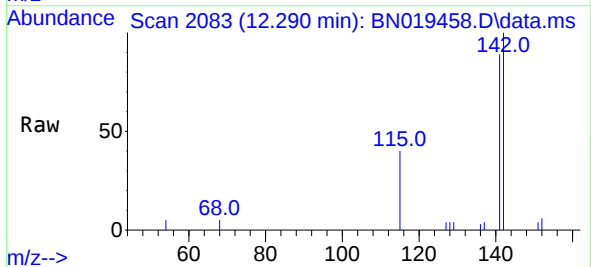
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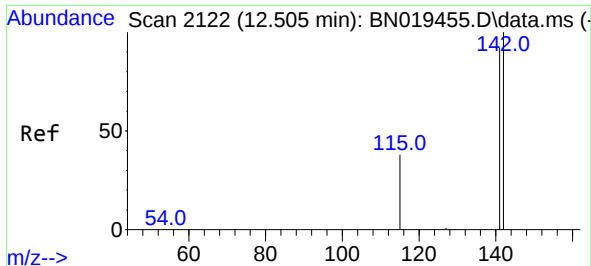
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#7
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

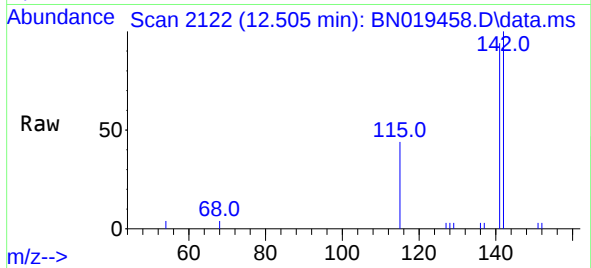
Tgt Ion:142 Resp: 3528
Ion Ratio Lower Upper
142 100
141 89.6 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

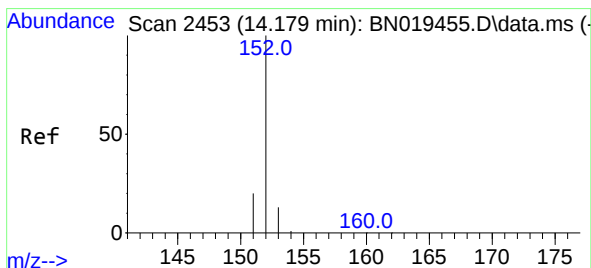
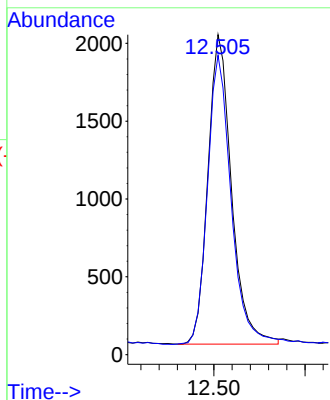
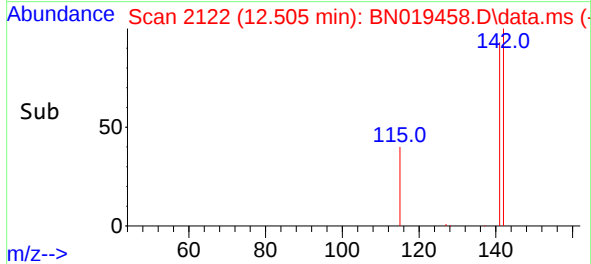
Instrument :
BNA_N
ClientSampleId :
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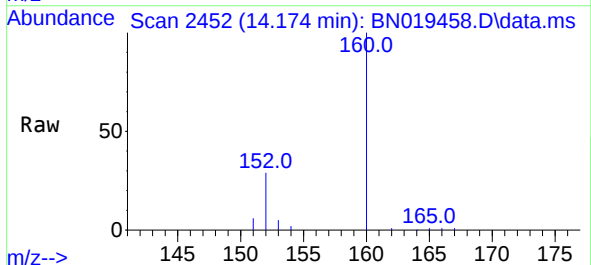
Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
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141 93.7 0.0 0.0

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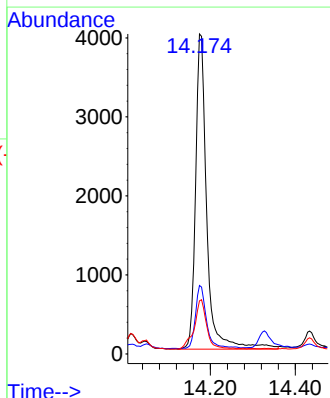
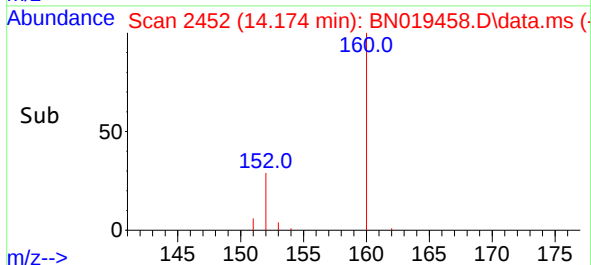
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

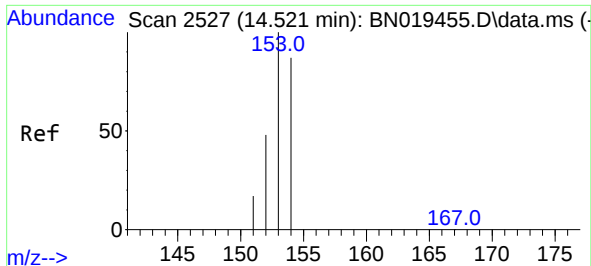


#10
Acenaphthylene
Concen: 0.229 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27



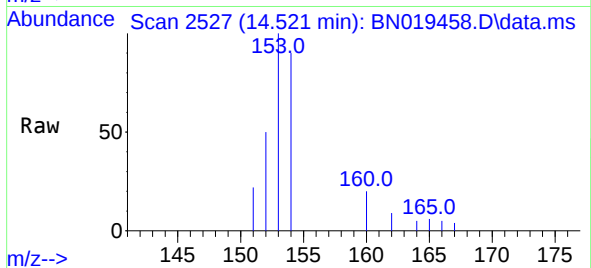
Tgt Ion:152 Resp: 7296
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 16.6 11.1 16.7





#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

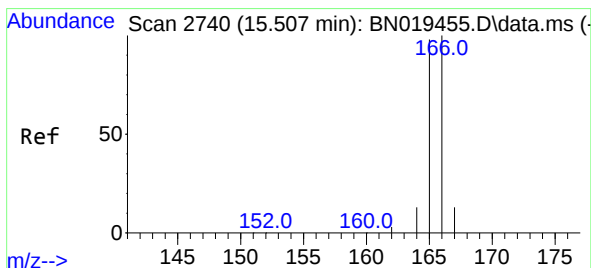
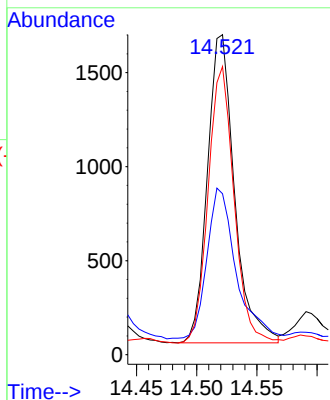
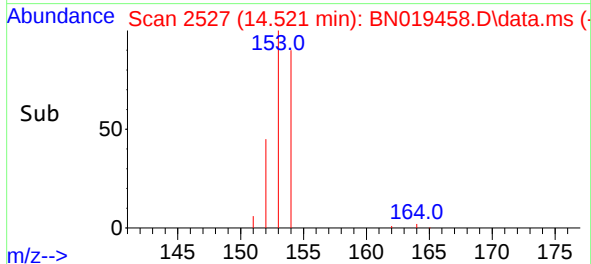
Instrument :
BNA_N
ClientSampleId :
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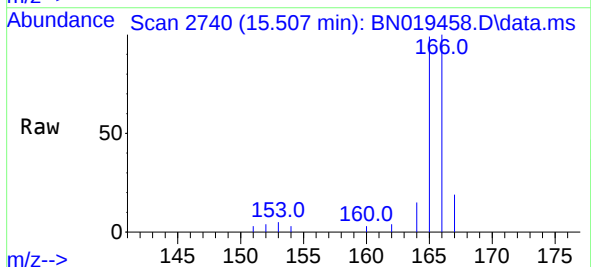
Tgt Ion:153 Resp: 257
Ion Ratio Lower Upper
153 100
152 50.3 38.6 57.8
154 90.1 71.2 106.8

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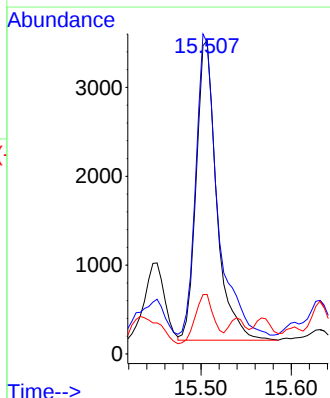
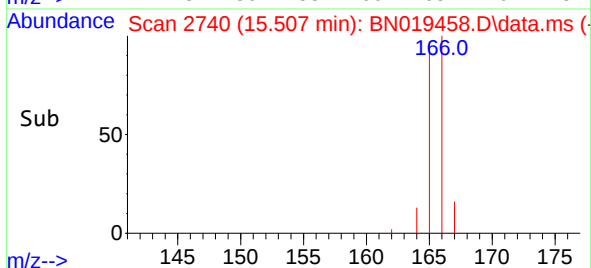
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

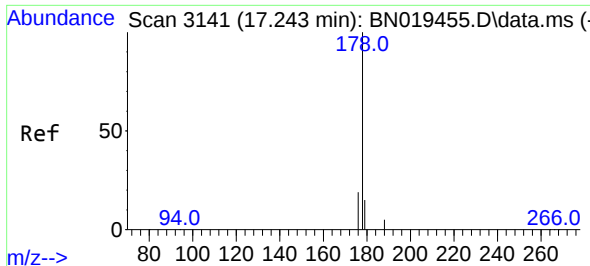


#12
Fluorene
Concen: 0.150 ng/ul
RT: 15.507 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27



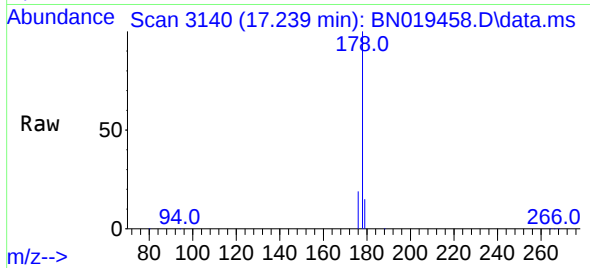
Tgt Ion:166 Resp: 5309
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 19.0 11.3 16.9#





#15
Phenanthrene
Concen: 1.987 ng/ul
RT: 17.239 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

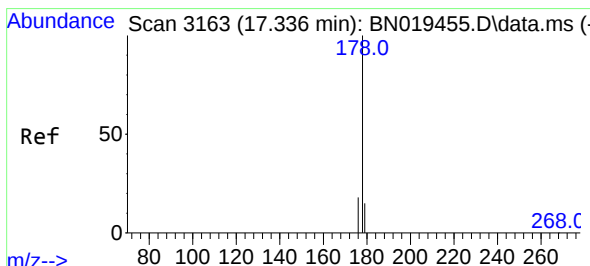
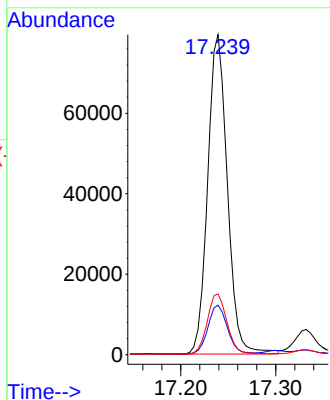
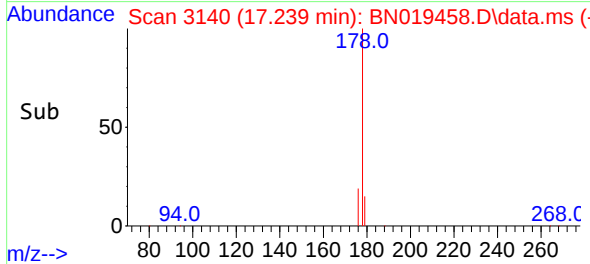
Instrument :
BNA_N
ClientSampleId :
BFFC0



Tgt Ion:178 Resp: 114544
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.0 15.5 23.3

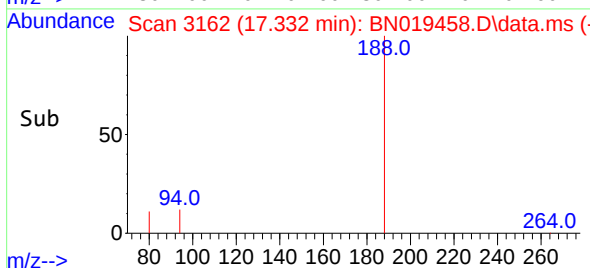
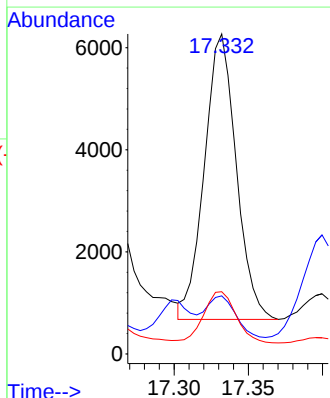
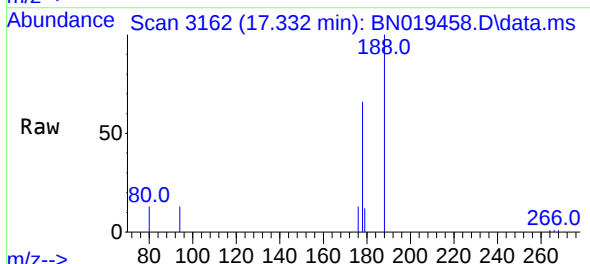
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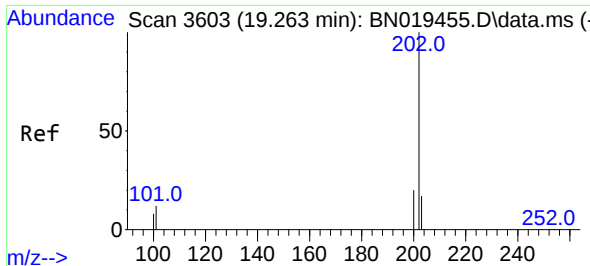
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#16
Anthracene
Concen: 0.188 ng/ul
RT: 17.332 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

Tgt Ion:178 Resp: 8340
Ion Ratio Lower Upper
178 100
179 18.2 13.1 19.7
176 19.5 15.3 22.9





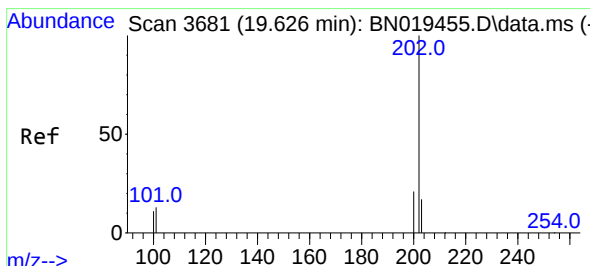
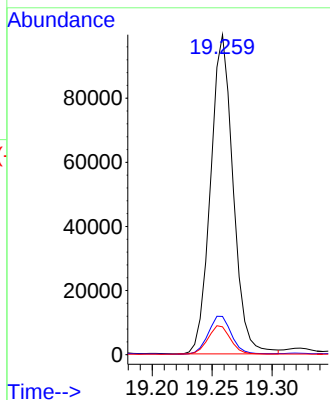
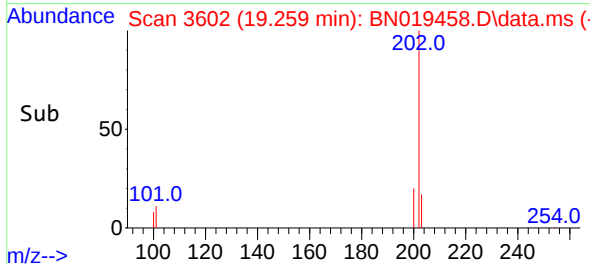
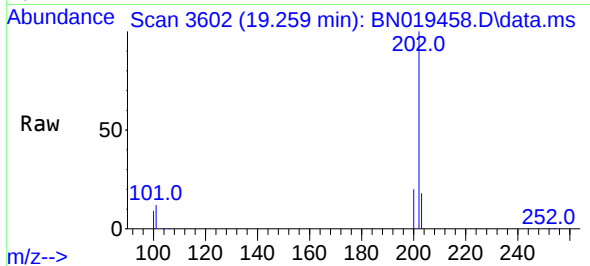
#19
Fluoranthene
Concen: 2.243 ng/u1
RT: 19.259 min Scan# 3602
Delta R.T. -0.005 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

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ClientSampleId :
BFFC0

Tgt Ion:202 Resp: 130778
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 8.7 7.4 11.2

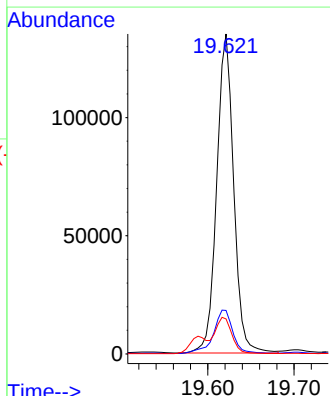
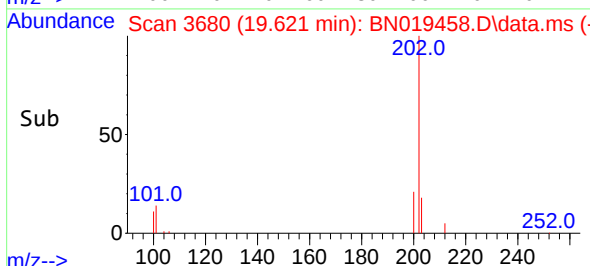
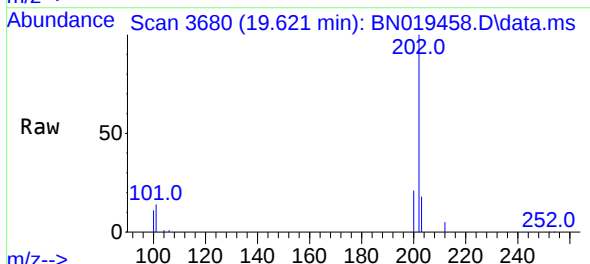
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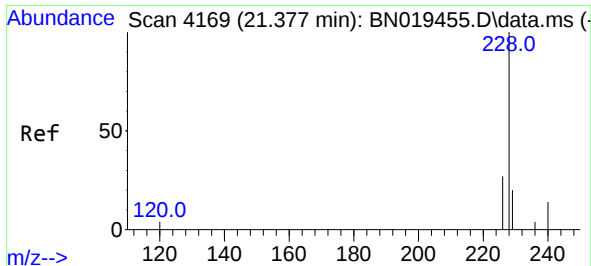
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#20
Pyrene
Concen: 2.985 ng/u1
RT: 19.621 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

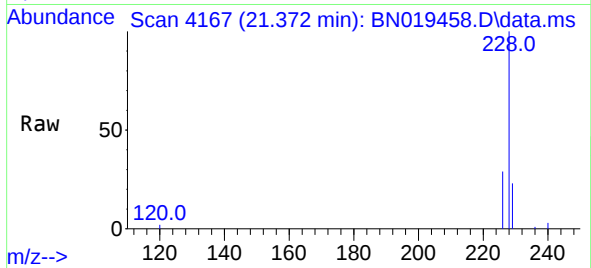
Tgt Ion:202 Resp: 185171
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 1.184 ng/ul
RT: 21.372 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

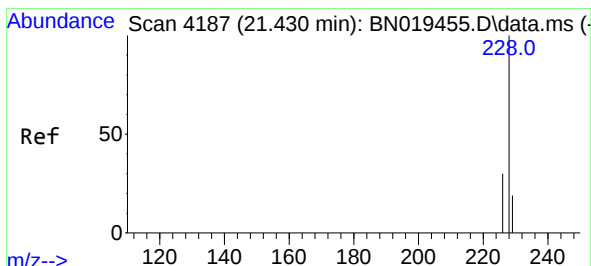
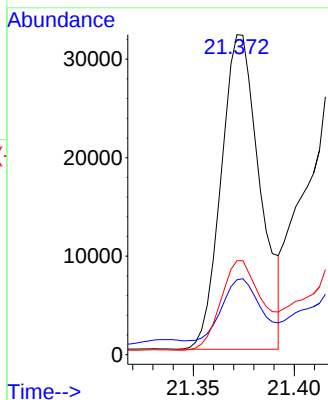
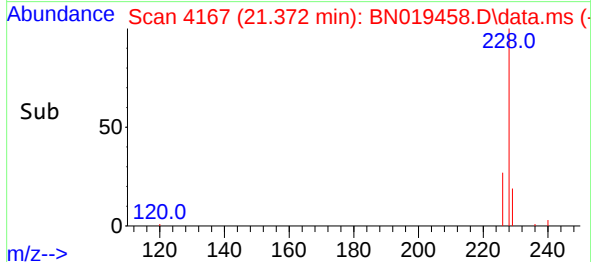
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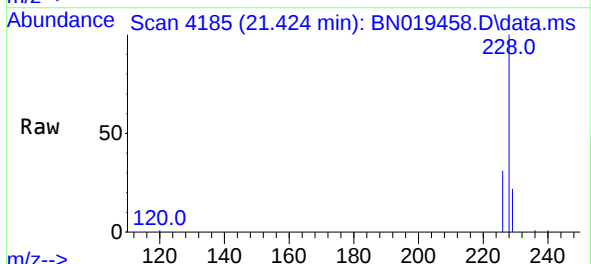
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Ion Ratio Lower Upper
228 100
229 23.4 16.1 24.1
226 29.3 22.1 33.1

Manual Integrations
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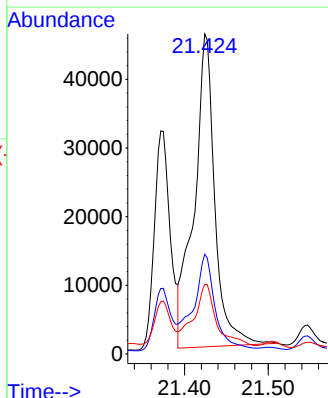
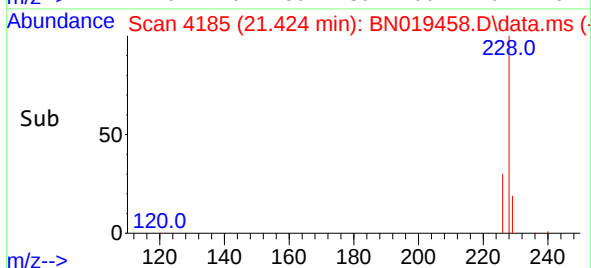
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

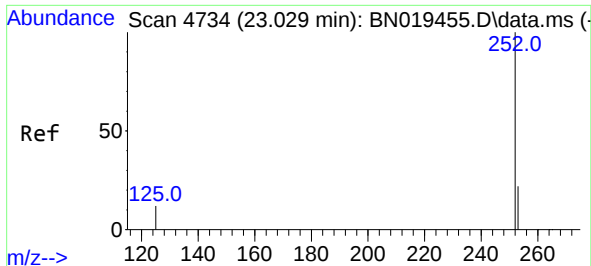


#22
Chrysene
Concen: 1.661 ng/ul
RT: 21.424 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27



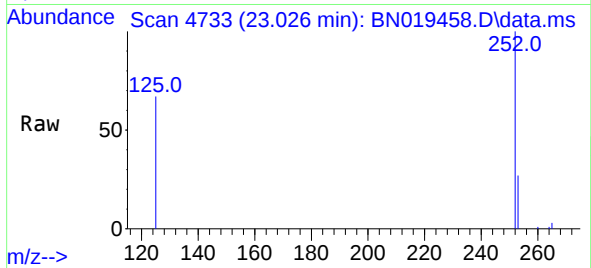
Tgt Ion:228 Resp: 78428
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 21.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.882 ng/ul m
RT: 23.026 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

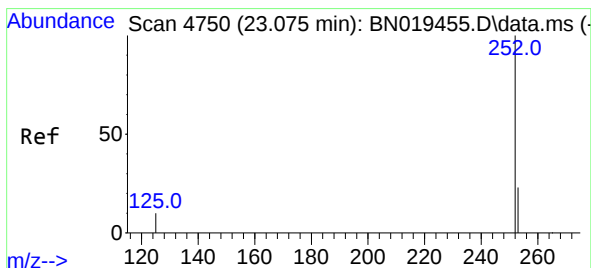
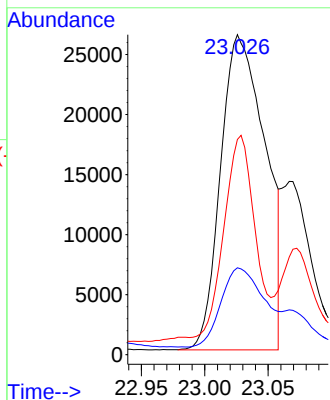
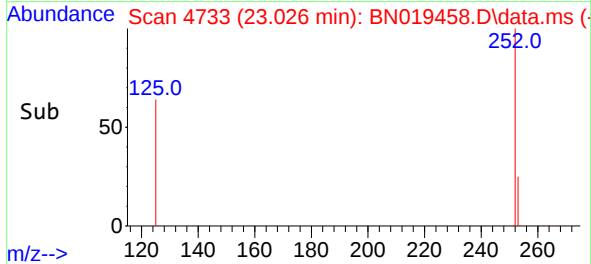
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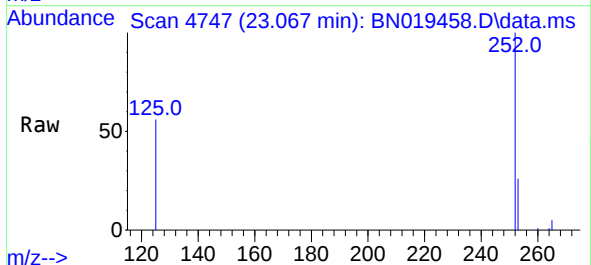
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Ion Ratio Lower Upper
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253 27.2 0.0 52.0
125 67.2 0.0 40.2

Manual Integrations
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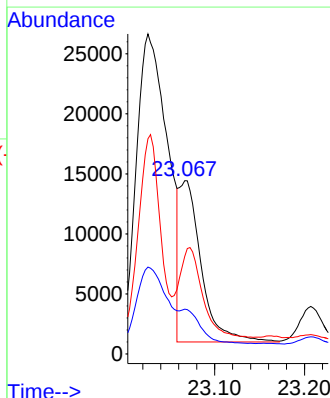
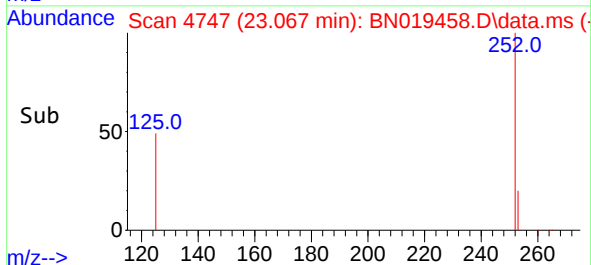
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

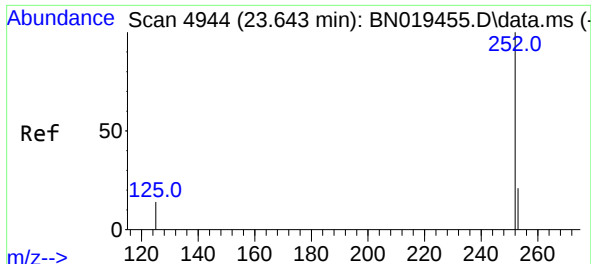


#25
Benzo(k)fluoranthene
Concen: 0.583 ng/ul m
RT: 23.067 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27



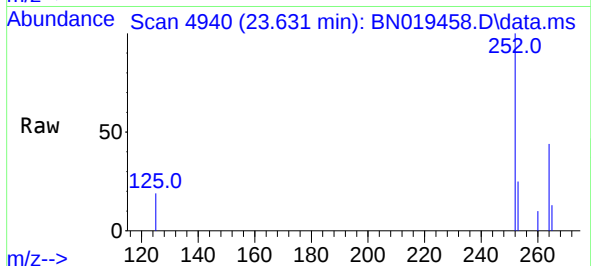
Tgt Ion:252 Resp: 22953
Ion Ratio Lower Upper
252 100
253 25.8 20.2 30.2
125 56.4 11.0 16.6





#26
Benzo(a)pyrene
Concen: 1.401 ng/ul
RT: 23.631 min Scan# 4944
Delta R.T. -0.015 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

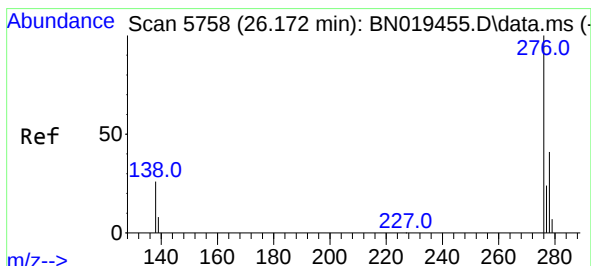
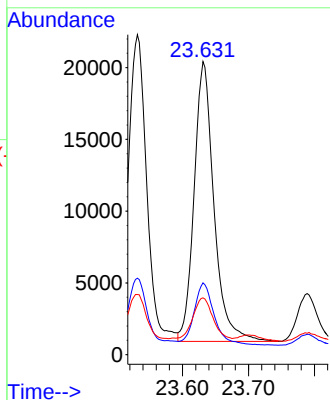
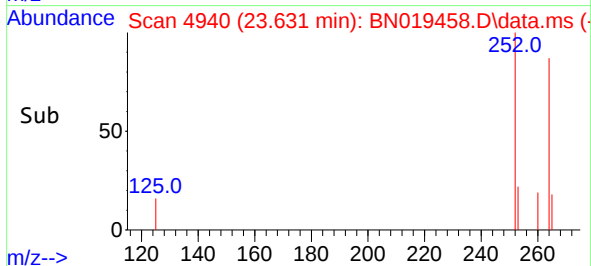
Instrument :
BNA_N
ClientSampleId :
BFFC0



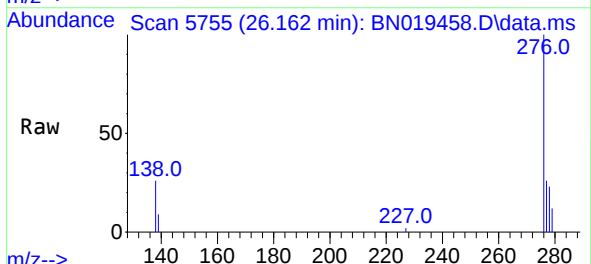
Tgt Ion:252 Resp: 40834
Ion Ratio Lower Upper
252 100
253 24.5 23.4 35.0
125 19.4 28.3 42.5

Manual Integrations
APPROVED

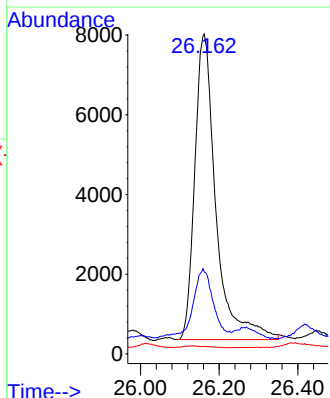
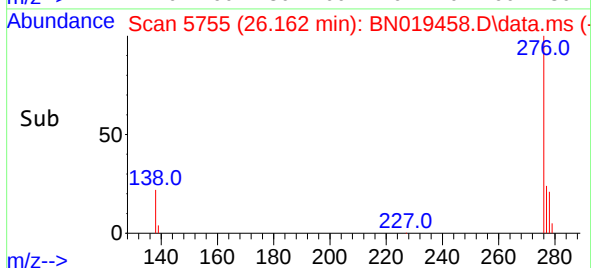
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

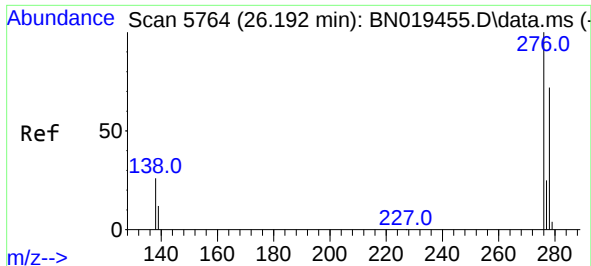


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.881 ng/ul
RT: 26.162 min Scan# 5755
Delta R.T. -0.017 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27



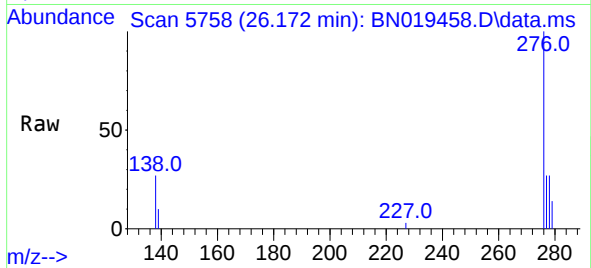
Tgt Ion:276 Resp: 28547
Ion Ratio Lower Upper
276 100
138 21.1 23.6 35.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.266 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.027 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27

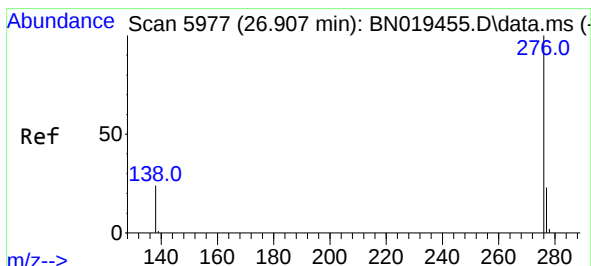
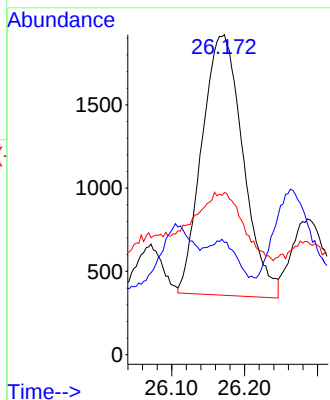
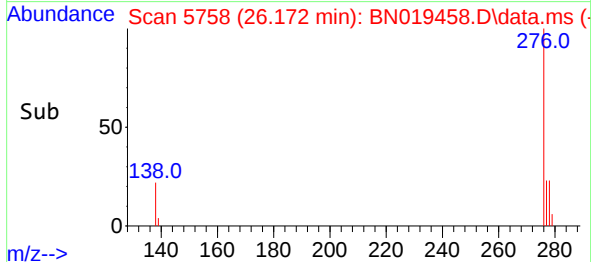
Instrument :
BNA_N
ClientSampleId :
BFFC0



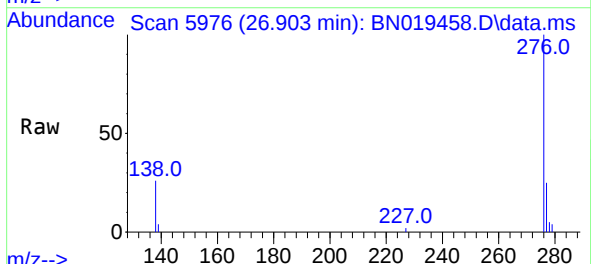
Tgt Ion:278 Resp: 6129
Ion Ratio Lower Upper
278 100
139 35.1 18.6 28.0
279 50.7 35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#29
Benzo(g,h,i)perylene
Concen: 1.093 ng/ul
RT: 26.903 min Scan# 5976
Delta R.T. -0.017 min
Lab File: BN019458.D
Acq: 15 Apr 2022 12:27



Tgt Ion:276 Resp: 34237
Ion Ratio Lower Upper
276 100
138 26.0 20.9 31.3
277 24.9 20.4 30.6

