

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019574.D
 Acq On : 28 Apr 2022 20:01
 Operator : CG/JU
 Sample : N2469-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG7

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:24:02 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	4746	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	13327	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6999	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	14122	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	12495	0.400	ng/ul	# 0.00
23) Perylene-d12	23.767	264	11696	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	12675	2.257	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3155	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	8485	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	1148	0.027	ng/ul#	83
7) 2-Methylnaphthalene	12.328	142	643	0.024	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	715	0.029	ng/ul#	100
10) Acenaphthylene	14.215	152	3522	0.102	ng/ul	95
12) Fluorene	15.543	166	1318	0.043	ng/ul#	92
15) Phenanthrene	17.276	178	22046	0.424	ng/ul	99
16) Anthracene	17.365	178	3023	0.071	ng/ul#	93
19) Fluoranthene	19.290	202	35942	0.628	ng/ul#	85
20) Pyrene	19.653	202	40393	0.708	ng/ul	98
21) Benzo(a)anthracene	21.403	228	15000m	0.321	ng/ul	
22) Chrysene	21.455	228	21116	0.384	ng/ul	96
24) Benzo(b)fluoranthene	23.060	252	24719m	0.417	ng/ul	
25) Benzo(k)fluoranthene	23.101	252	7475m	0.131	ng/ul	
26) Benzo(a)pyrene	23.668	252	15234	0.301	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.188	276	12286	0.195	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.198	278	3082	0.058	ng/ul#	57
29) Benzo(g,h,i)perylene	26.929	276	11652	0.202	ng/ul#	86

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

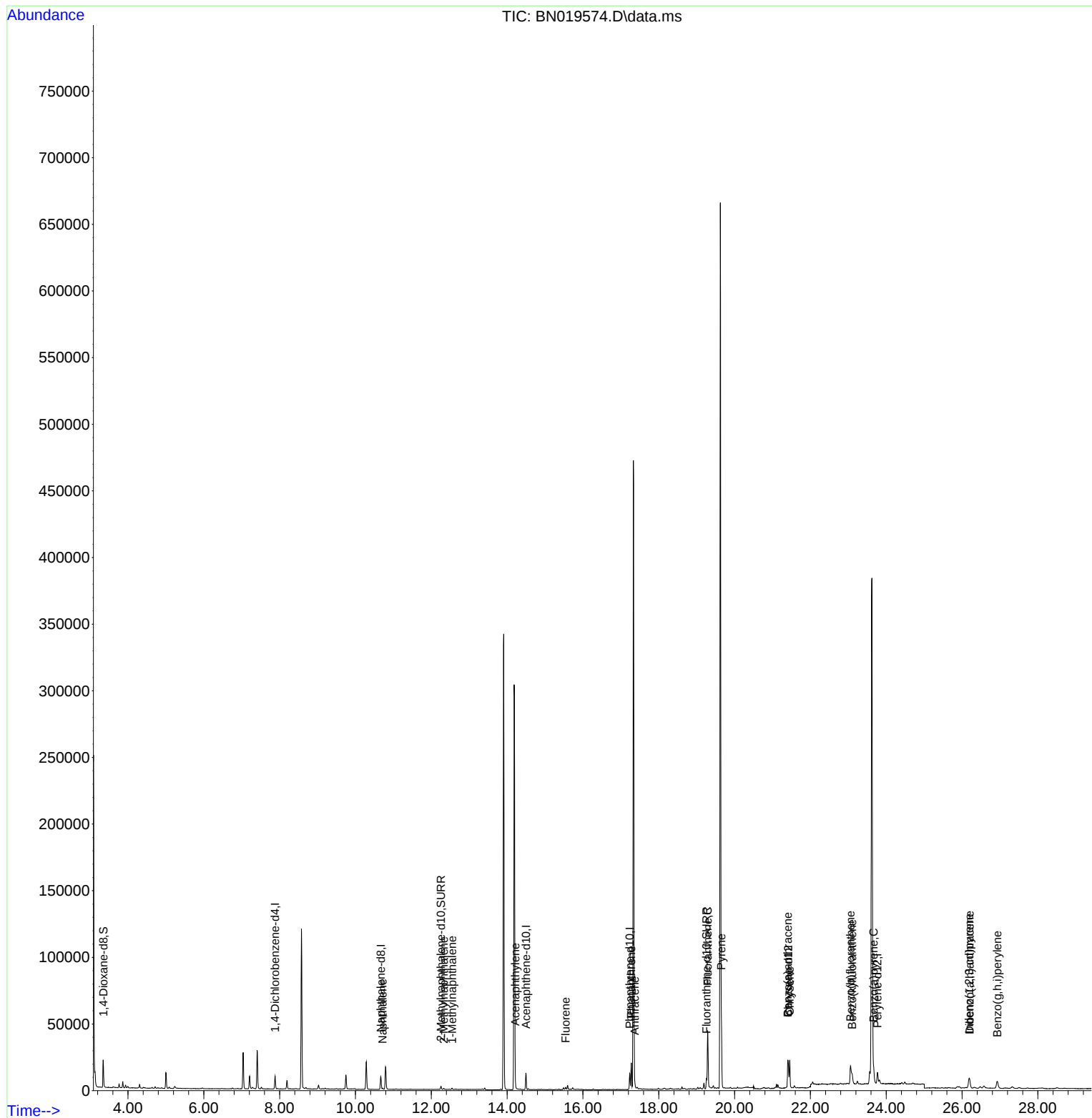
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019574.D
Acq On : 28 Apr 2022 20:01
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Sample : N2469-05
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ALS Vial : 19 Sample Multiplier: 1

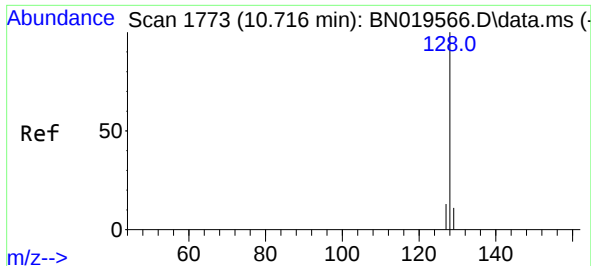
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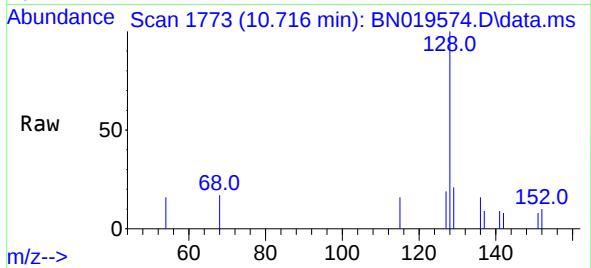
Quant Time: Apr 29 02:24:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

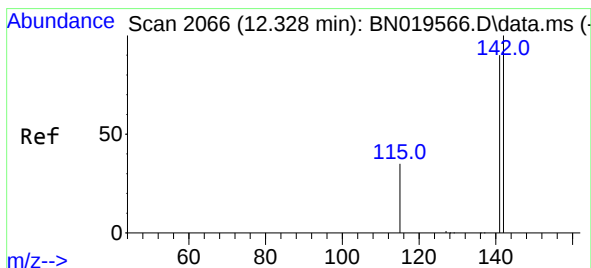
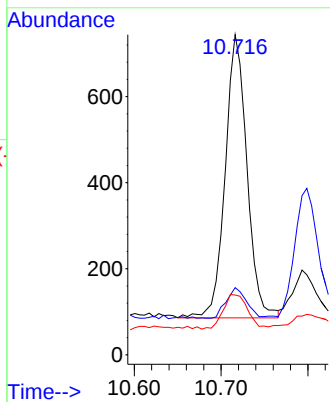
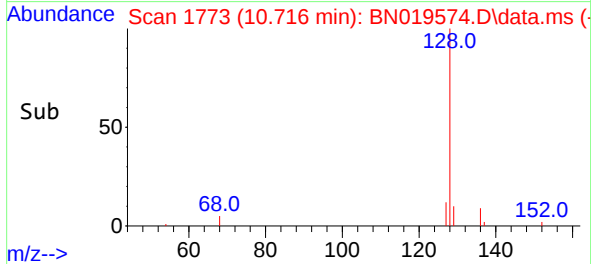
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:128 Resp: 1148
Ion Ratio Lower Upper
128 100
129 21.0 9.5 14.3
127 18.7 11.0 16.4

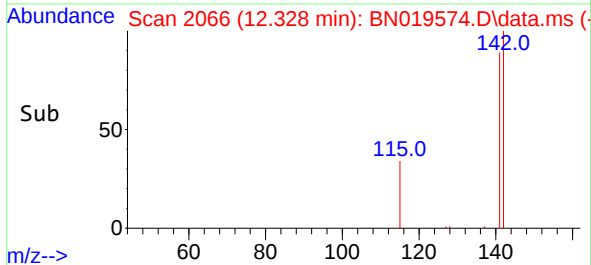
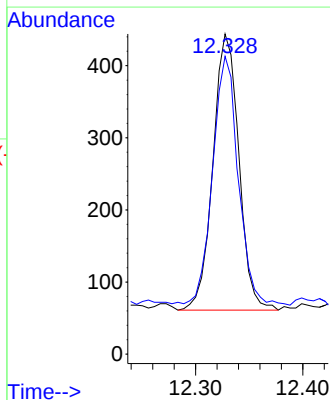
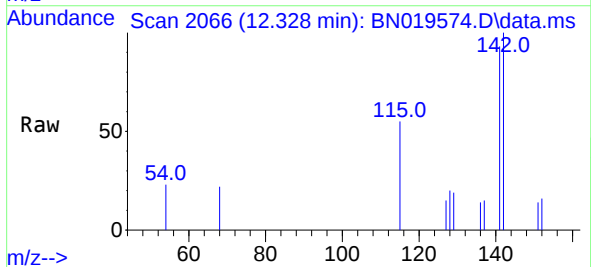
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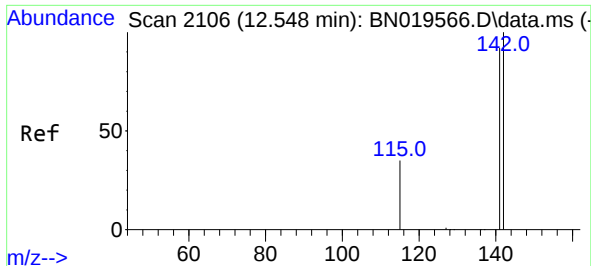
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.328 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

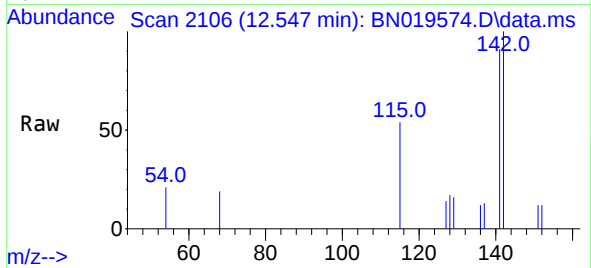
Tgt Ion:142 Resp: 643
Ion Ratio Lower Upper
142 100
141 89.3 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

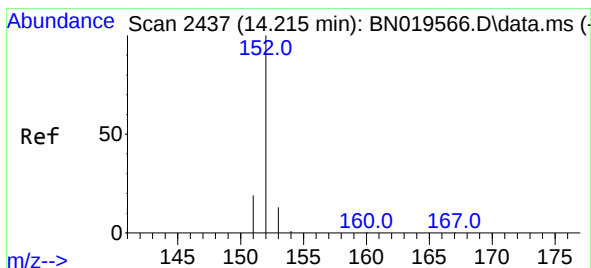
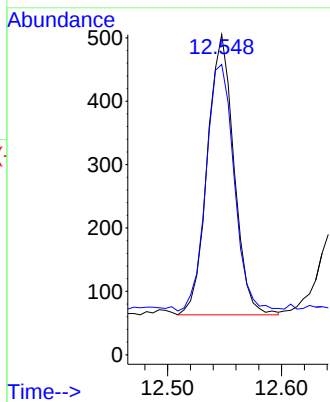
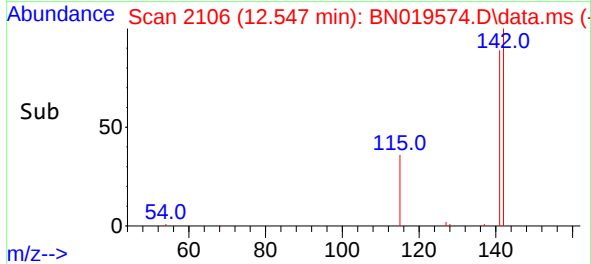
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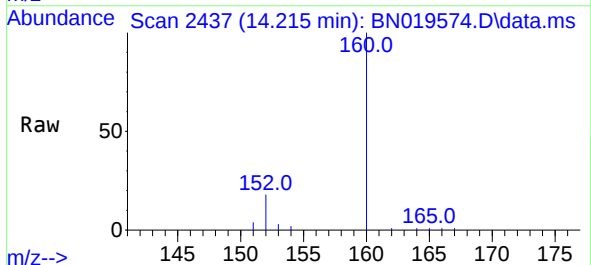
Tgt Ion:142 Resp: 715
Ion Ratio Lower Upper
142 100
141 93.0 0.0 0.0

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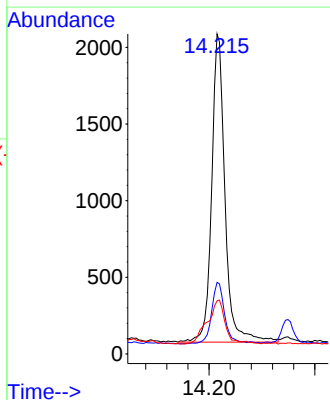
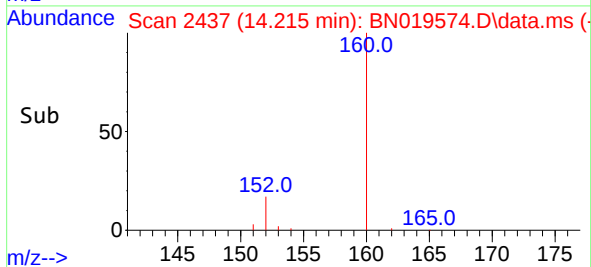
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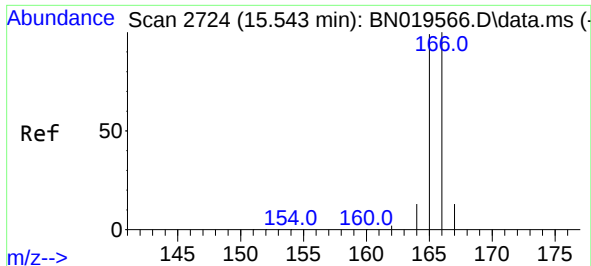


#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01



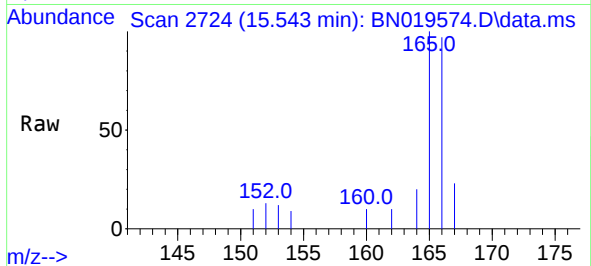
Tgt Ion:152 Resp: 3522
Ion Ratio Lower Upper
152 100
151 22.3 16.3 24.5
153 16.6 11.1 16.7





#12
Fluorene
Concen: 0.043 ng/u1
RT: 15.543 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

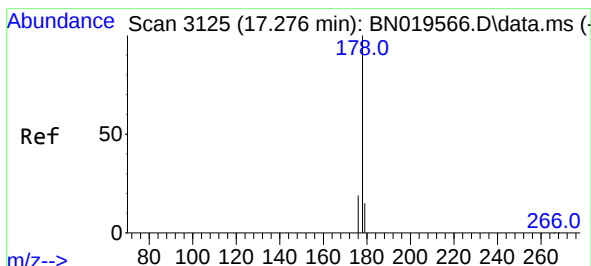
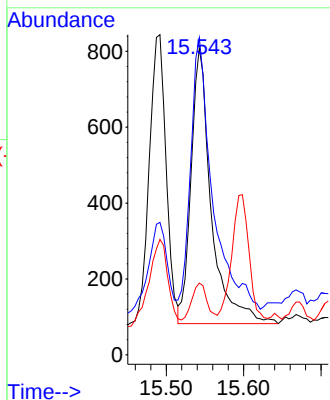
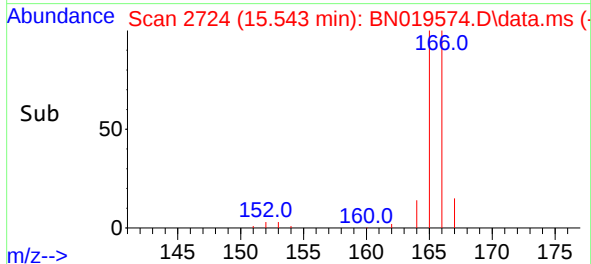
Instrument :
BNA_N
ClientSampleId :
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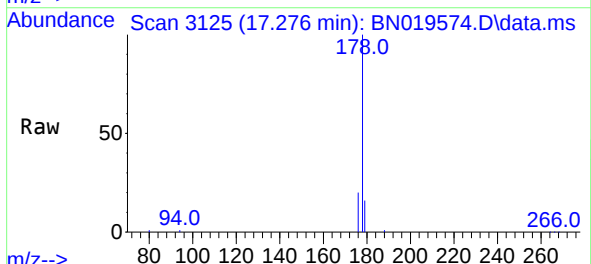
Tgt Ion:166 Resp: 1318
Ion Ratio Lower Upper
166 100
165 103.5 78.2 117.2
167 23.4 11.3 16.9

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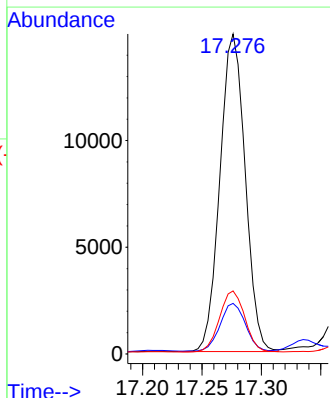
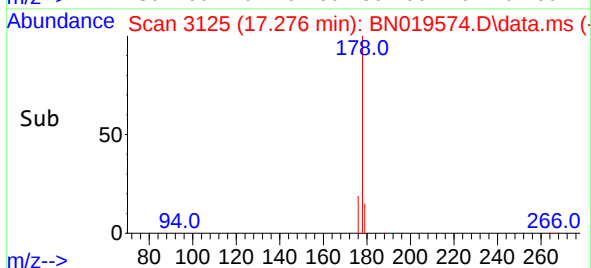
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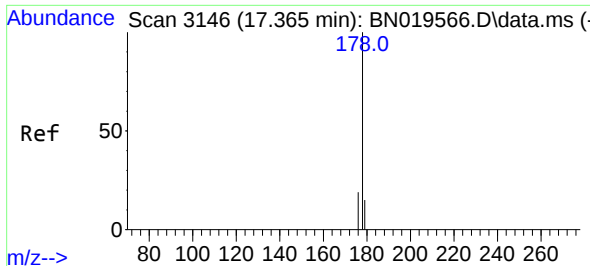


#15
Phenanthrene
Concen: 0.424 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01



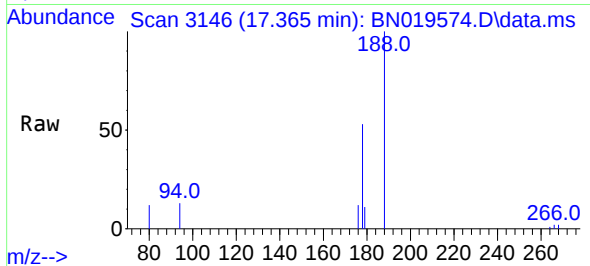
Tgt Ion:178 Resp: 22046
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.7 15.5 23.3





#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 17.365 min Scan# 3146
 Delta R.T. 0.001 min
 Lab File: BN019574.D
 Acq: 28 Apr 2022 20:01

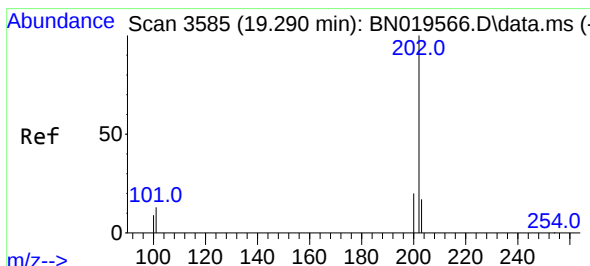
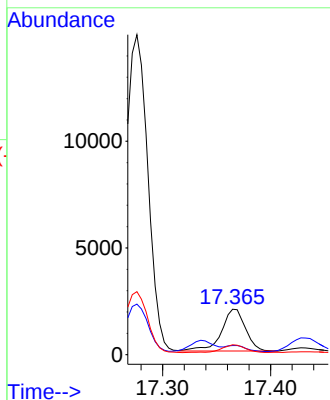
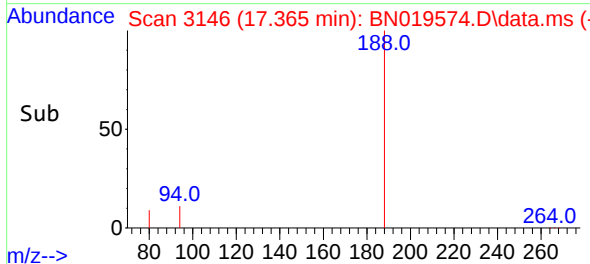
Instrument :
 BNA_N
 ClientSampleId :
 BFFG7



Tgt Ion:178 Resp: 3023
 Ion Ratio Lower Upper
 178 100
 179 20.2 13.1 19.7#
 176 21.9 15.3 22.9#

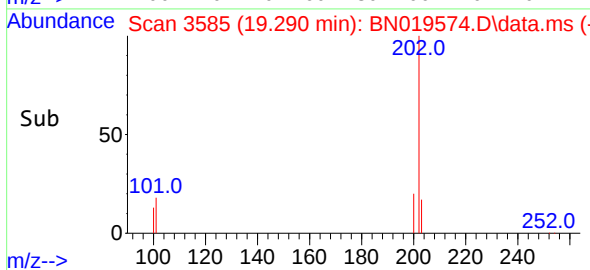
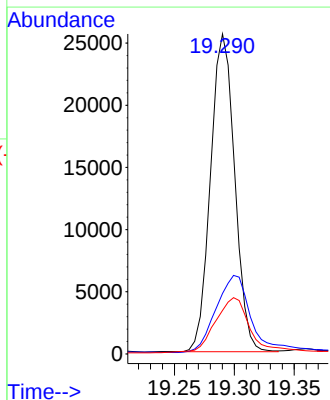
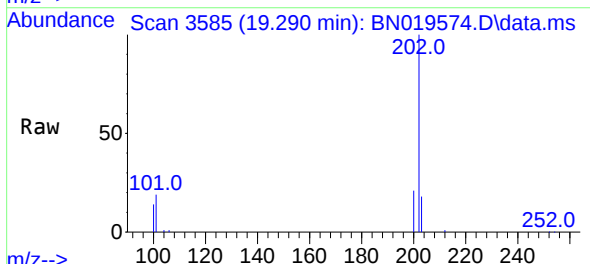
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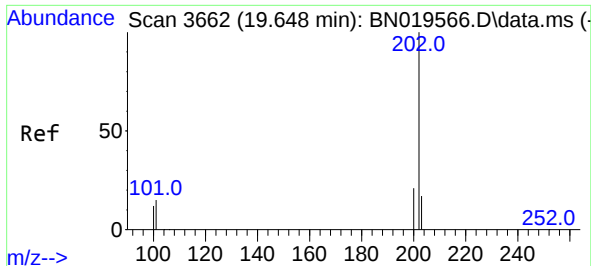
Reviewed By :Jagrut Upadhyay 04/29/2022
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#19
 Fluoranthene
 Concen: 0.628 ng/ul
 RT: 19.290 min Scan# 3585
 Delta R.T. 0.001 min
 Lab File: BN019574.D
 Acq: 28 Apr 2022 20:01

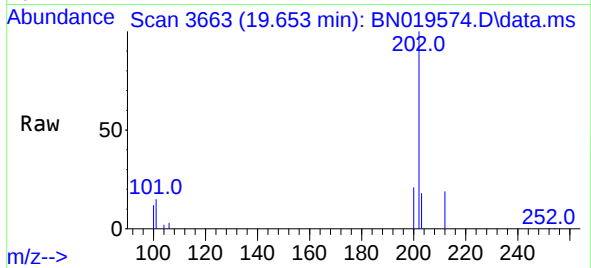
Tgt Ion:202 Resp: 35942
 Ion Ratio Lower Upper
 202 100
 101 18.9 9.7 14.5#
 100 13.6 7.4 11.2#





#20
Pyrene
Concen: 0.708 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

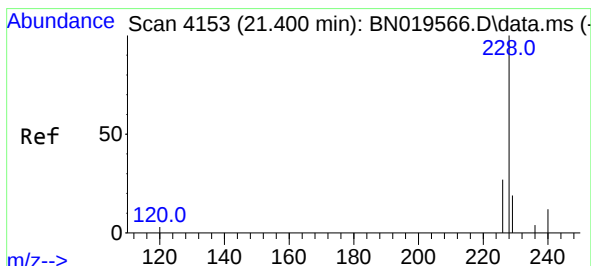
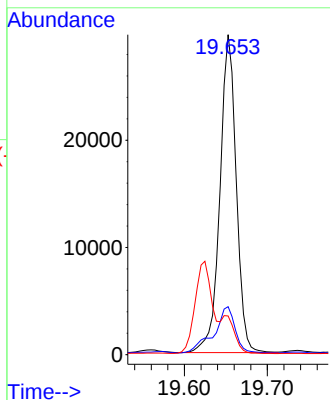
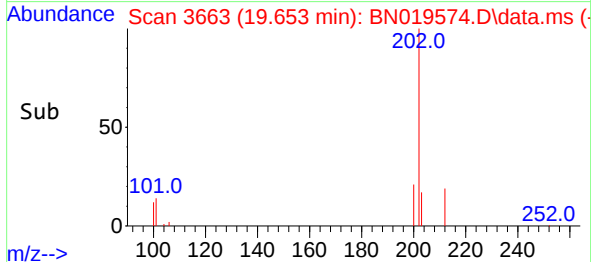
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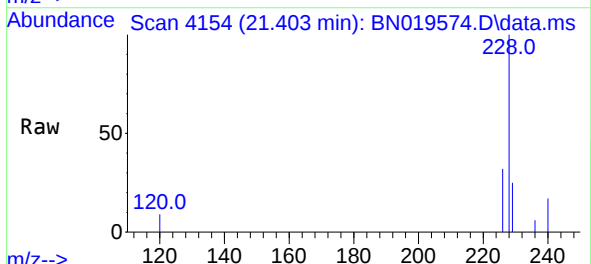
Tgt Ion:202 Resp: 4039
Ion Ratio Lower Upper
202 100
101 15.0 11.4 17.0
100 12.1 9.0 13.4

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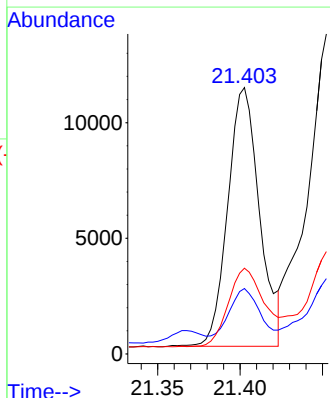
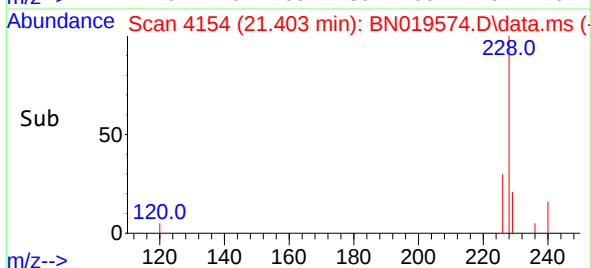
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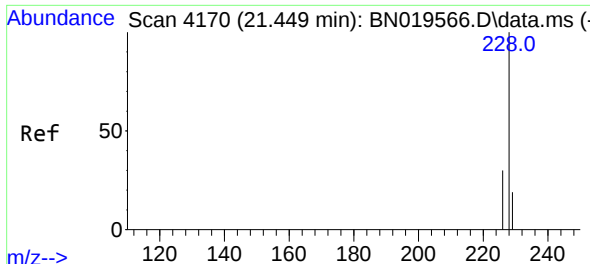


#21
Benzo(a)anthracene
Concen: 0.321 ng/ul m
RT: 21.403 min Scan# 4154
Delta R.T. 0.003 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01



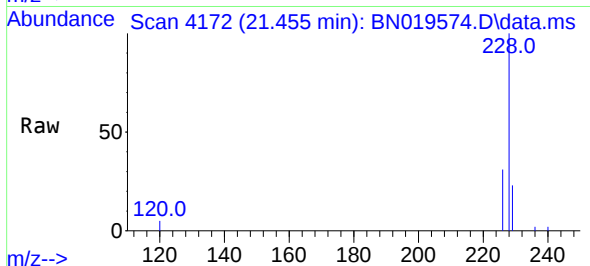
Tgt Ion:228 Resp: 15000
Ion Ratio Lower Upper
228 100
229 24.6 16.1 24.1#
226 32.2 22.1 33.1





#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.455 min Scan# 4170
Delta R.T. 0.003 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

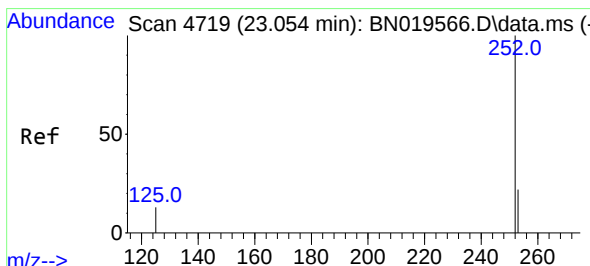
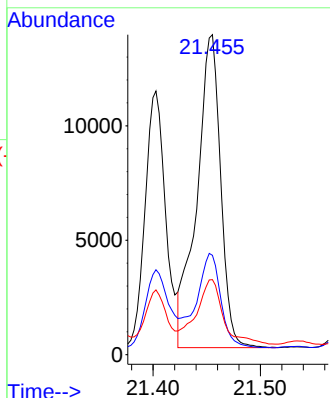
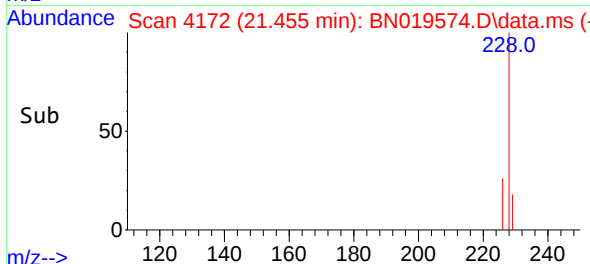
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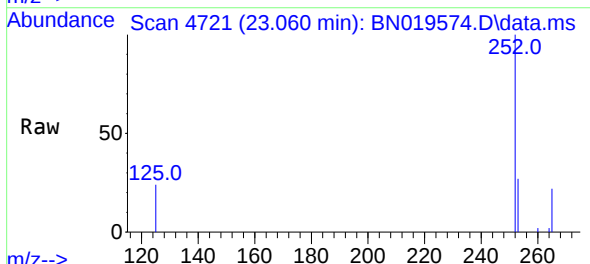
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Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 23.4 16.0 24.0

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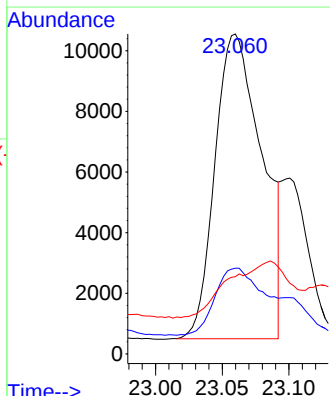
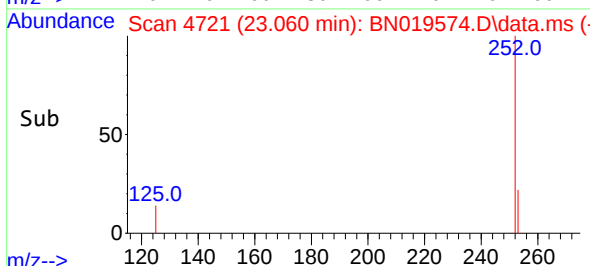
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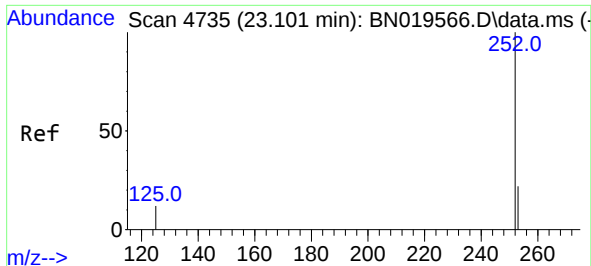


#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul m
RT: 23.060 min Scan# 4721
Delta R.T. 0.005 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01



Tgt Ion:252 Resp: 24719
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.0
125 24.2 0.0 40.2





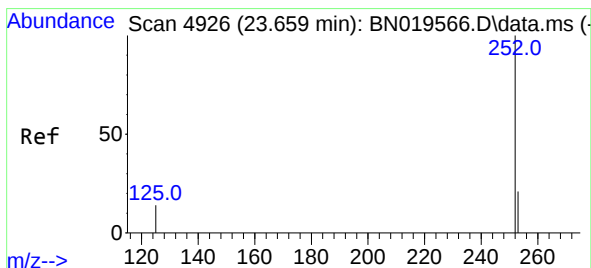
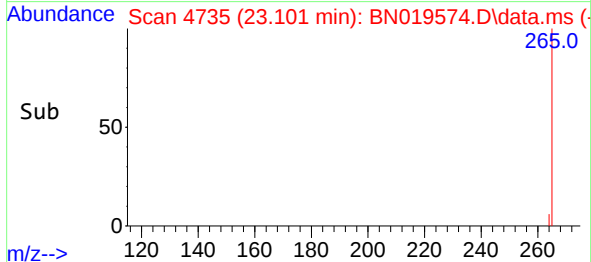
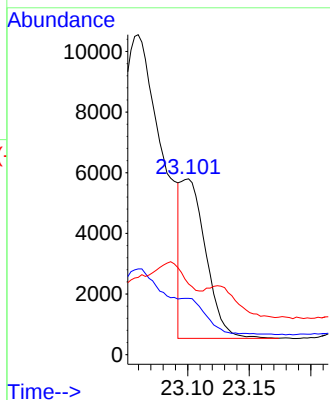
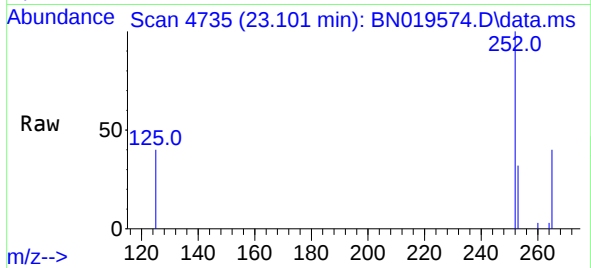
#25
Benzo(k)fluoranthene
Concen: 0.131 ng/ul m
RT: 23.101 min Scan# 4735
Delta R.T. -0.000 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 7475
Ion Ratio Lower Upper
252 100
253 32.1 20.2 30.2
125 40.2 11.0 16.6

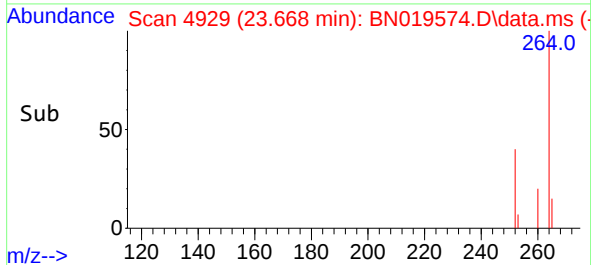
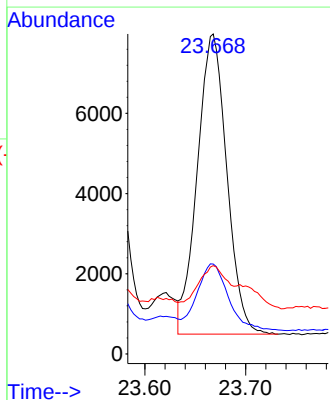
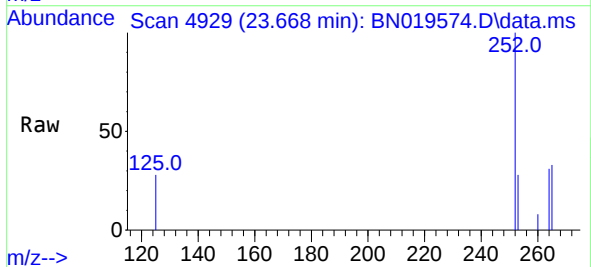
Manual Integrations
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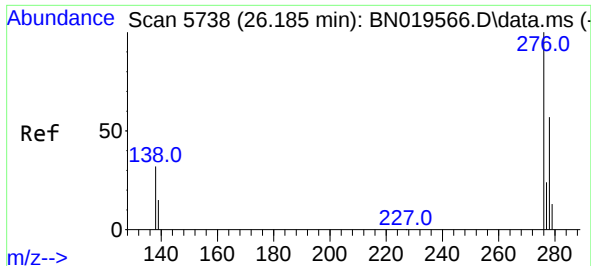
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.668 min Scan# 4929
Delta R.T. 0.005 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

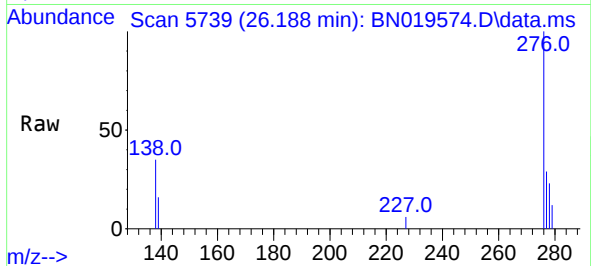
Tgt Ion:252 Resp: 15234
Ion Ratio Lower Upper
252 100
253 28.1 23.4 35.0
125 27.6 28.3 42.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul
RT: 26.188 min Scan# 5738
Delta R.T. 0.003 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01

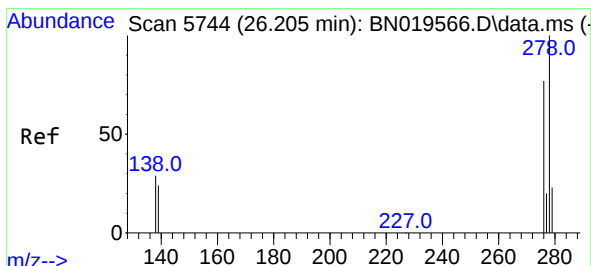
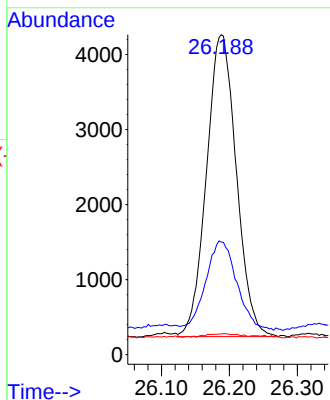
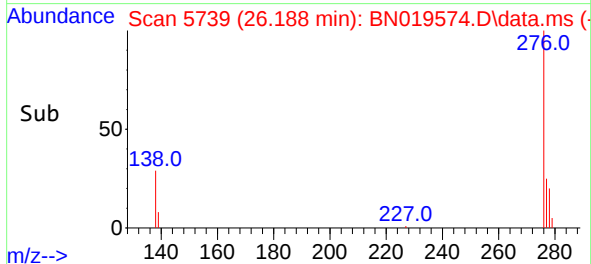
Instrument :
BNA_N
ClientSampleId :
BFFG7



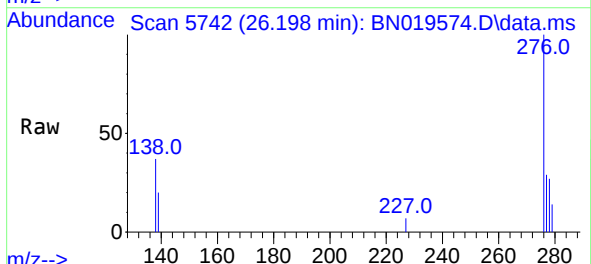
Tgt Ion: 276 Resp: 12280
Ion Ratio Lower Upper
276 100
138 30.9 23.6 35.4
227 2.2 0.0 0.0

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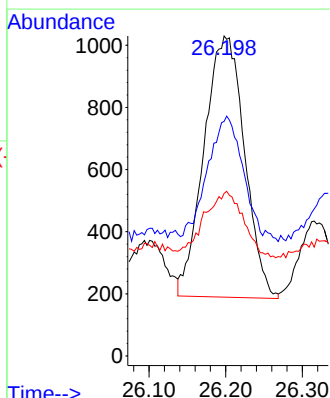
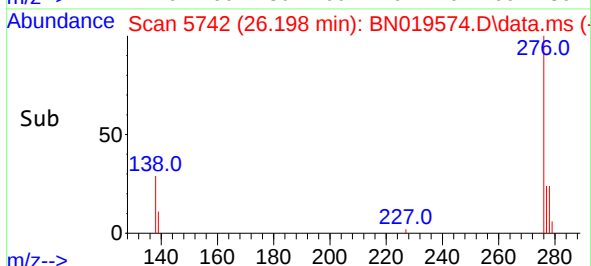
Reviewed By : Jagrut Upadhyay 04/29/2022
Supervised By : Yogesh Patel 05/05/2022

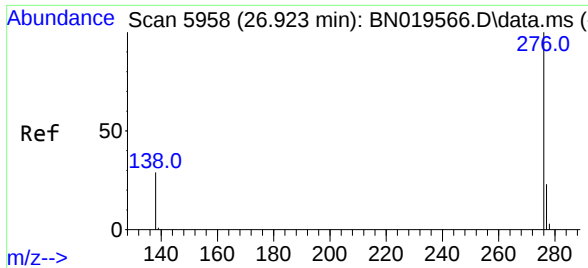


#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.004 min
Lab File: BN019574.D
Acq: 28 Apr 2022 20:01



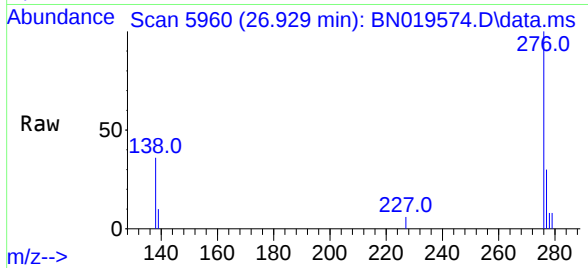
Tgt Ion: 278 Resp: 3082
Ion Ratio Lower Upper
278 100
139 73.3 18.6 28.0#
279 50.8 35.1 52.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.202 ng/ul
 RT: 26.929 min Scan# 5960
 Delta R.T. 0.006 min
 Lab File: BN019574.D
 Acq: 28 Apr 2022 20:01

Instrument :
 BNA_N
 ClientSampleId :
 BFFG7



Tgt Ion: 276 Resp: 11652
 Ion Ratio Lower Upper
 276 100
 138 35.9 20.9 31.3
 277 29.6 20.4 30.6

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

