

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019565.D
 Acq On : 28 Apr 2022 14:40
 Operator : CG/JU
 Sample : PB144347BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS347

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:02:41 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	3817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	10445	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	5152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	9665	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	7831	0.400	ng/ul	# 0.00
23) Perylene-d12	23.763	264	6488	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	3266	0.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	5664	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	10132	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	8491m	1.770	ng/ul	
5) Naphthalene	10.716	128	11181	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	6725	0.326	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	6688	0.351	ng/ul#	100
10) Acenaphthylene	14.215	152	8236	0.323	ng/ul	99
11) Acenaphthene	14.557	153	6708	0.328	ng/ul	98
12) Fluorene	15.543	166	7289	0.324	ng/ul	99
14) Pentachlorophenol	16.888	266	1402	0.674	ng/ul	92
15) Phenanthrene	17.276	178	11944	0.336	ng/ul	100
16) Anthracene	17.365	178	9569	0.330	ng/ul	98
19) Fluoranthene	19.290	202	12961	0.362	ng/ul	98
20) Pyrene	19.652	202	12963	0.362	ng/ul	98
21) Benzo(a)anthracene	21.398	228	10656	0.364	ng/ul	100
22) Chrysene	21.451	228	13029	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.053	252	12378	0.376	ng/ul	99
25) Benzo(k)fluoranthene	23.099	252	12407	0.391	ng/ul#	92
26) Benzo(a)pyrene	23.664	252	10420	0.372	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.183	276	13496	0.386	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.203	278	11460	0.392	ng/ul#	82
29) Benzo(g,h,i)perylene	26.921	276	12261	0.383	ng/ul	94

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

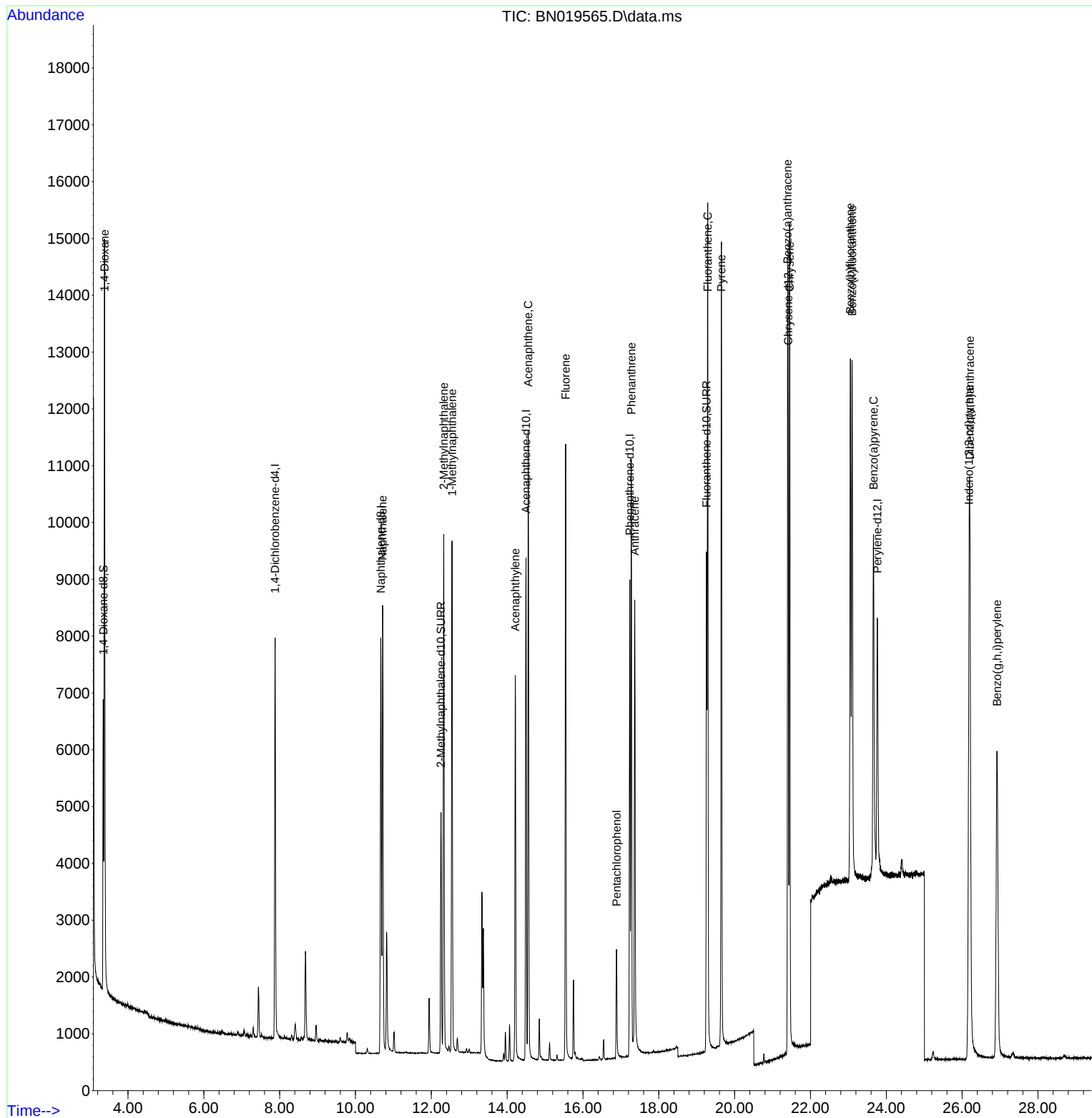
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019565.D
Acq On : 28 Apr 2022 14:40
Operator : CG/JU
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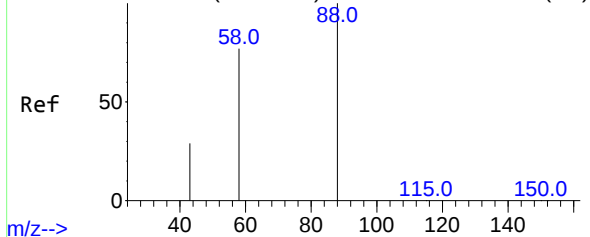
Quant Time: Apr 29 02:02:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
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Abundance Scan 72 (3.387 min): BN019559.D\data.ms (-64)



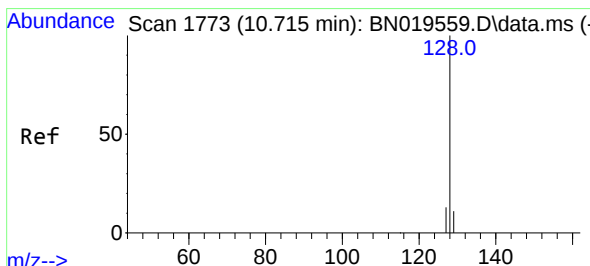
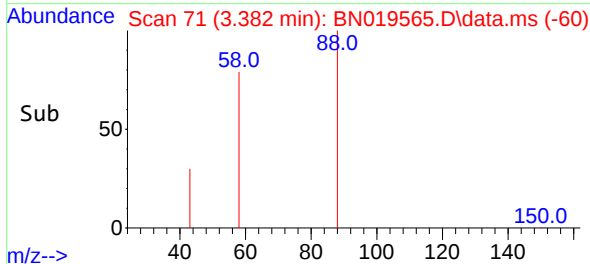
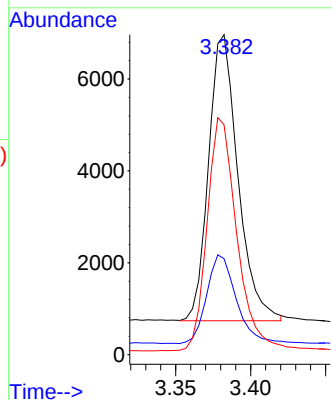
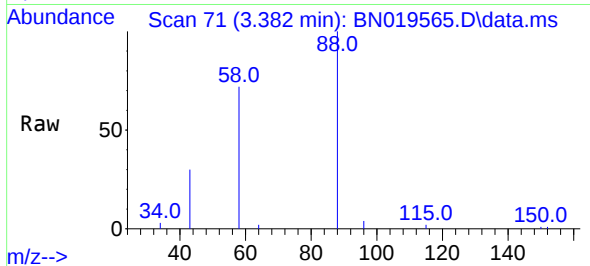
#2
1,4-Dioxane
Concen: 1.770 ng/ul m
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 88 Resp: 849
Ion Ratio Lower Upper
88 100
43 30.0 39.0 58.4
58 71.8 39.8 59.8

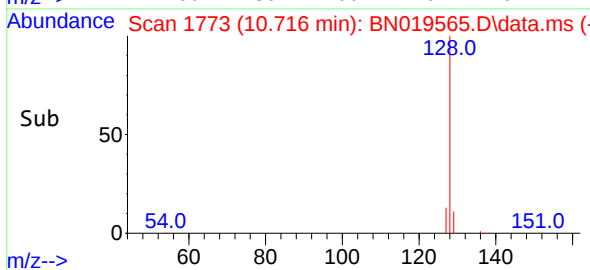
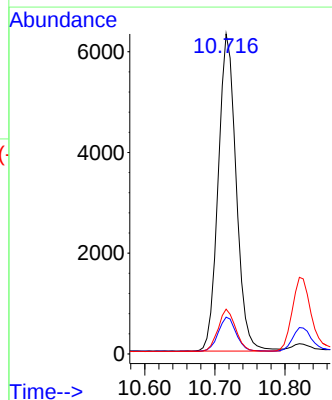
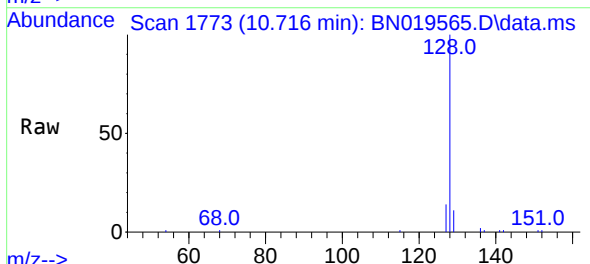
Manual Integrations
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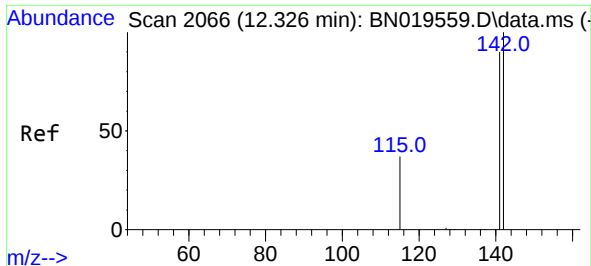
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

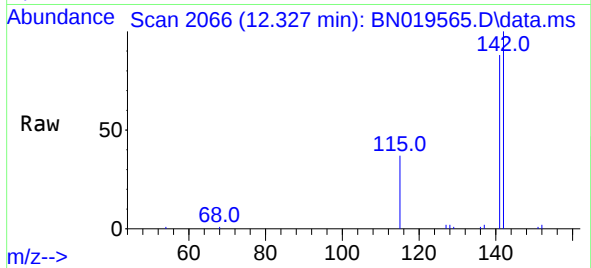
Tgt Ion:128 Resp: 11181
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 14.0 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

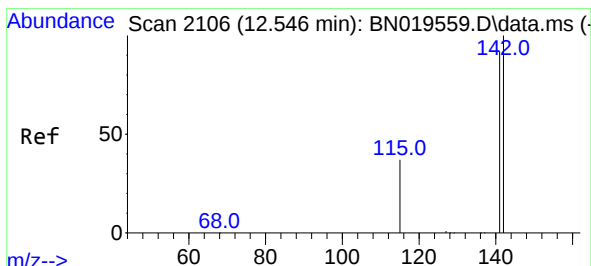
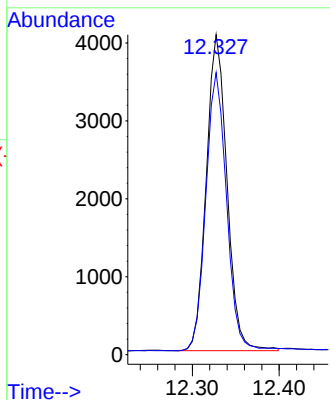
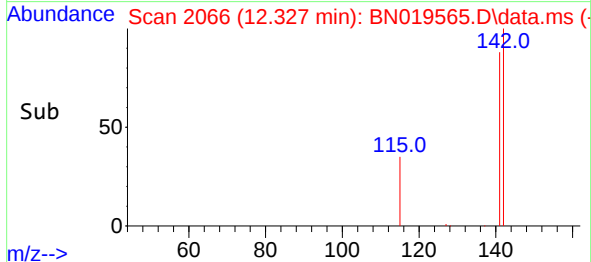
Instrument :
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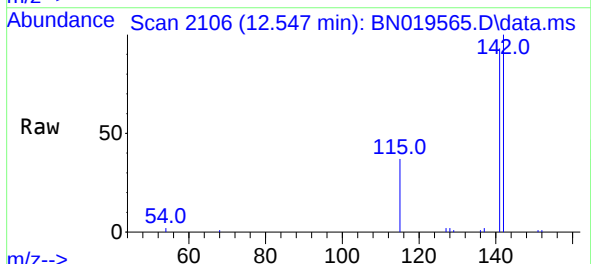
Tgt Ion:142 Resp: 6725
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0

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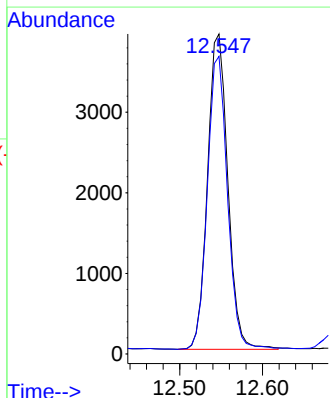
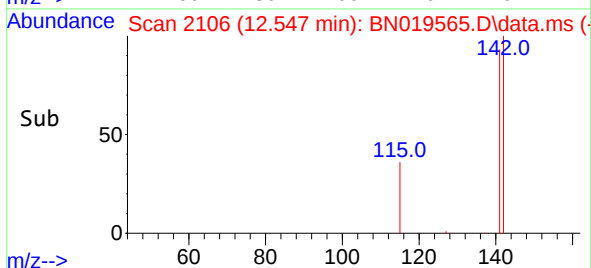
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

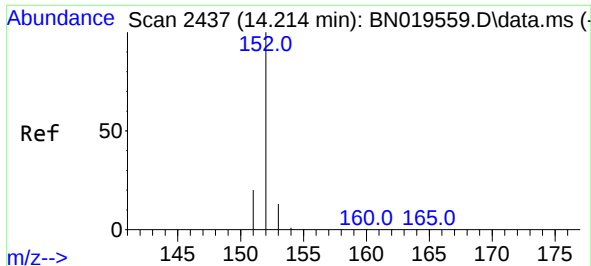


#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40



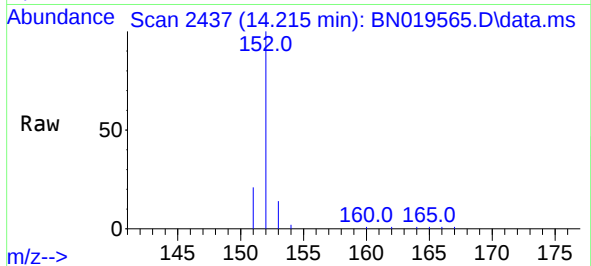
Tgt Ion:142 Resp: 6688
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0





#10
Acenaphthylene
Concen: 0.323 ng/u1
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

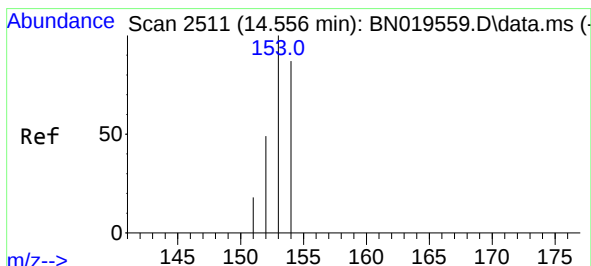
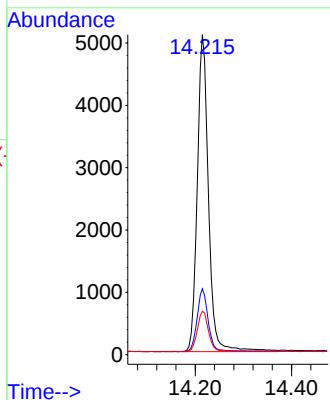
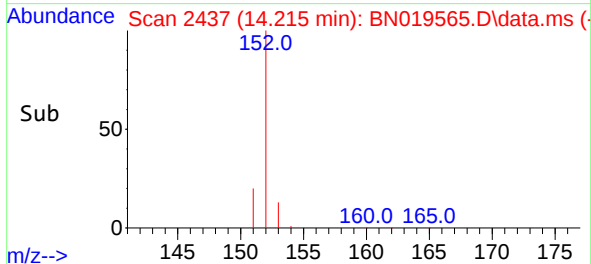
Instrument :
BNA_N
ClientSampleId :
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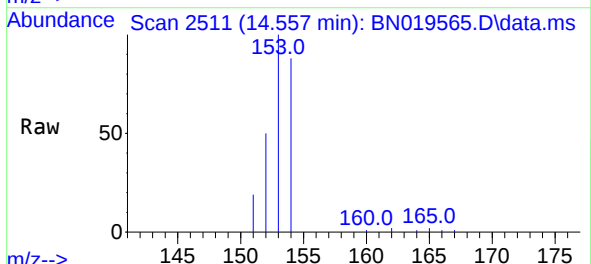
Tgt Ion:152 Resp: 8230
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.5 11.1 16.7

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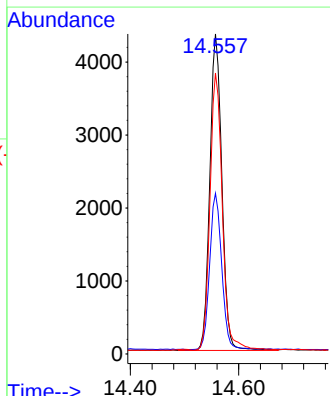
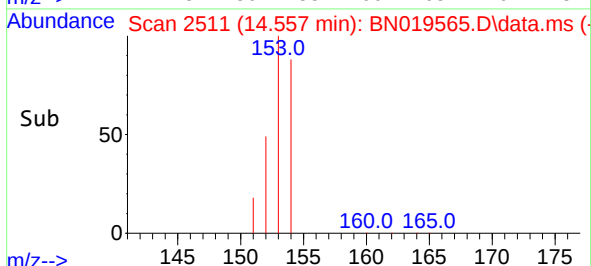
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

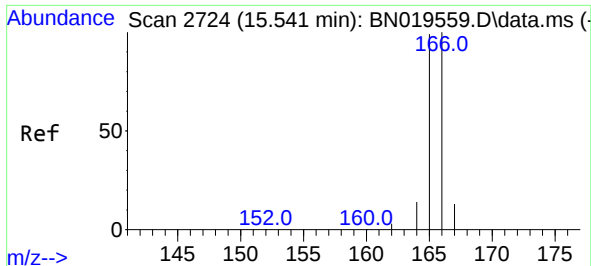


#11
Acenaphthene
Concen: 0.328 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40



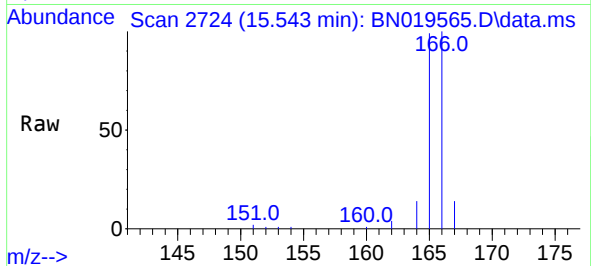
Tgt Ion:153 Resp: 6708
Ion Ratio Lower Upper
153 100
152 50.2 38.6 57.8
154 87.8 71.2 106.8





#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

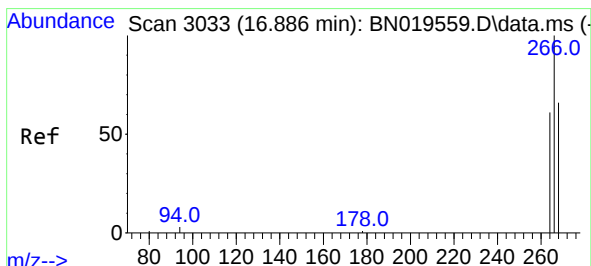
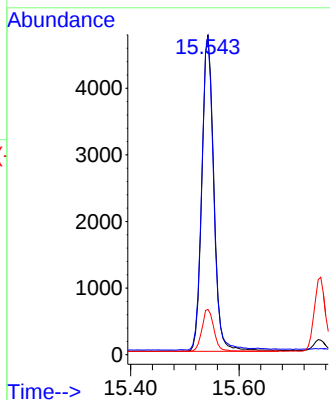
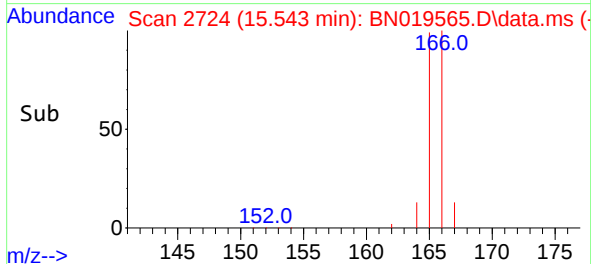
Instrument :
BNA_N
ClientSampleId :
SLCS347



Tgt Ion:166 Resp: 7289
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 14.1 11.3 16.9

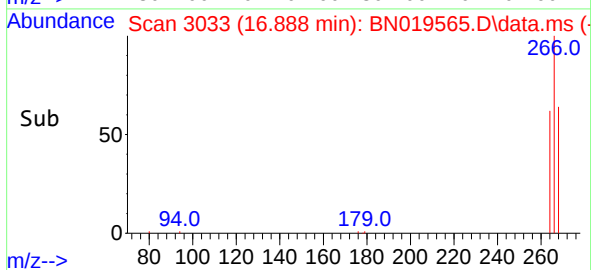
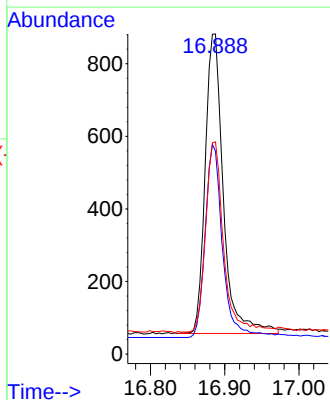
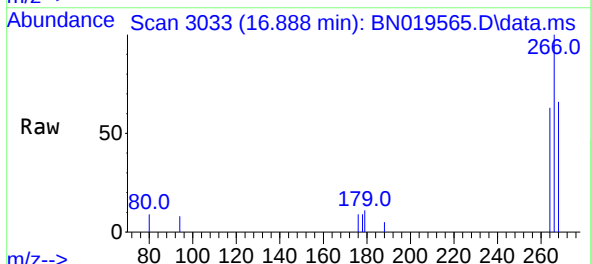
Manual Integrations
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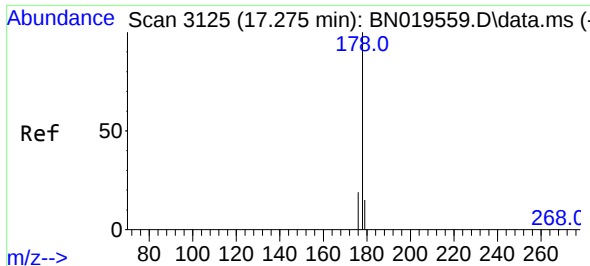
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#14
Pentachlorophenol
Concen: 0.674 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

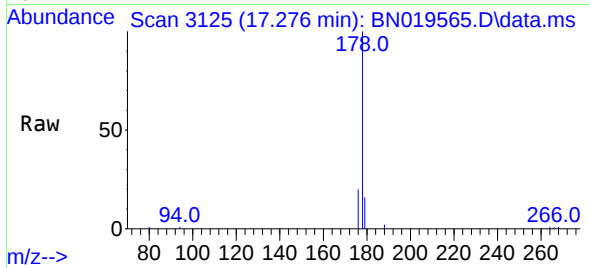
Tgt Ion:266 Resp: 1402
Ion Ratio Lower Upper
266 100
264 61.8 44.9 67.3
268 62.3 44.6 67.0





#15
Phenanthrene
Concen: 0.336 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

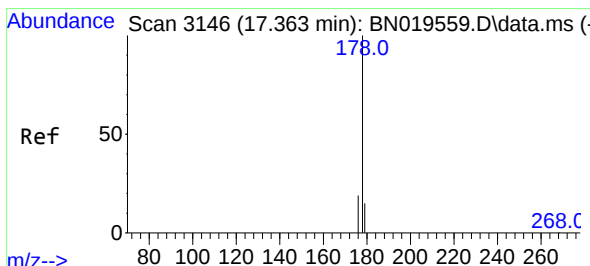
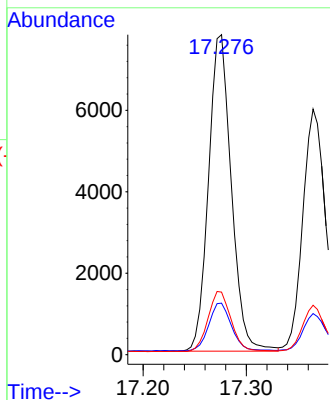
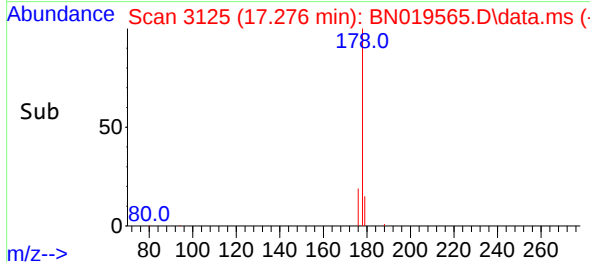
Instrument :
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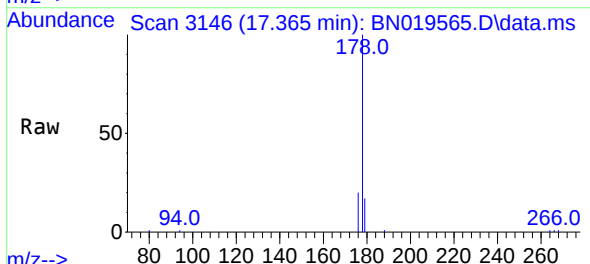
Tgt Ion:178 Resp: 11944
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.5 23.3

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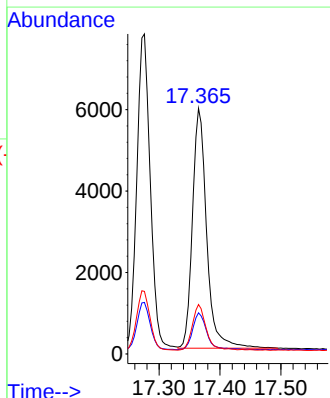
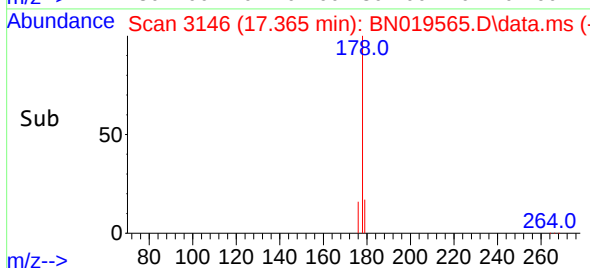
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

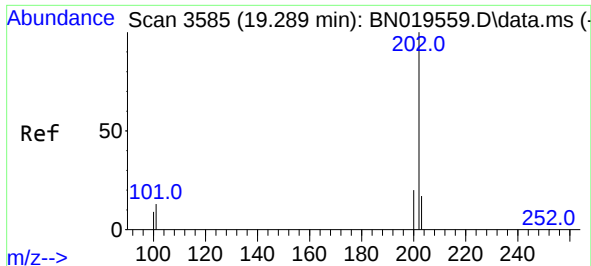


#16
Anthracene
Concen: 0.330 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40



Tgt Ion:178 Resp: 9569
Ion Ratio Lower Upper
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179 16.8 13.1 19.7
176 20.1 15.3 22.9





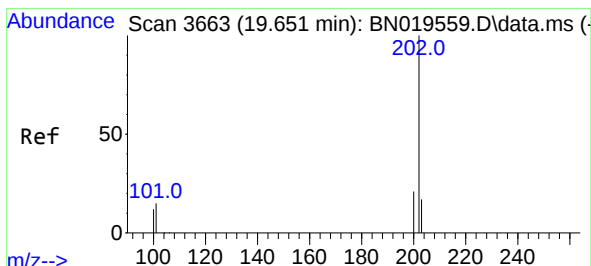
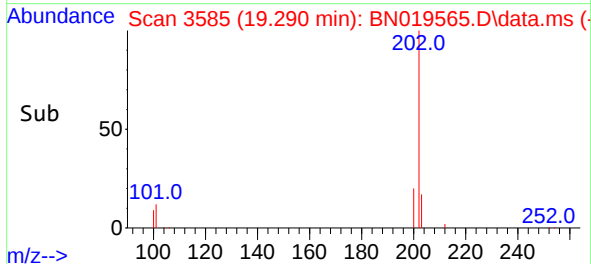
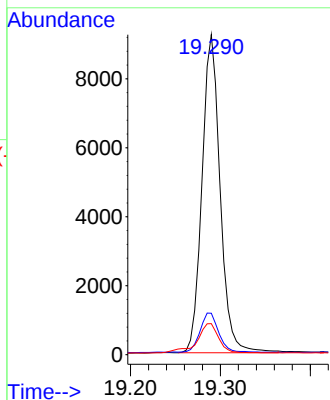
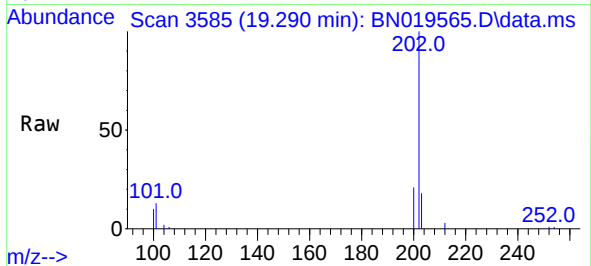
#19
Fluoranthene
Concen: 0.362 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

Instrument :
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ClientSampleId :
SLCS347

Tgt Ion:202 Resp: 12963
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
100 9.7 7.4 11.2

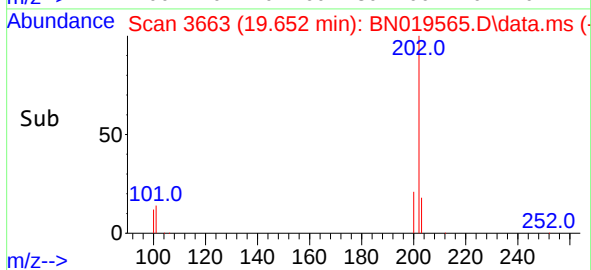
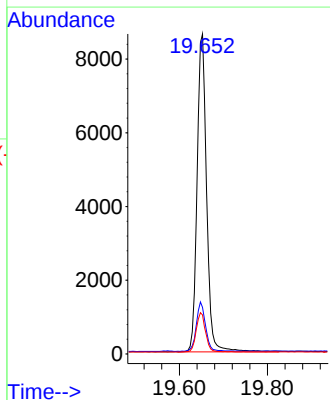
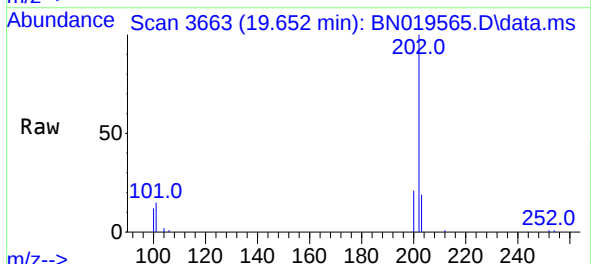
Manual Integrations
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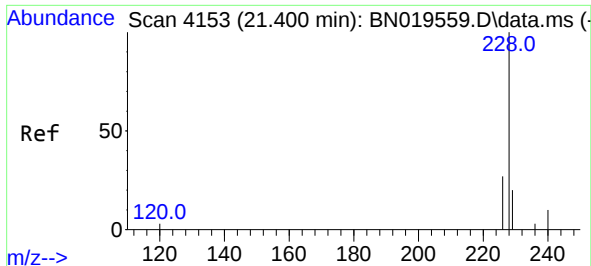
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 0.362 ng/u1
RT: 19.652 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

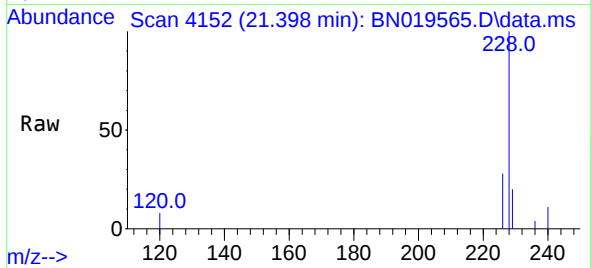
Tgt Ion:202 Resp: 12963
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 12.2 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.364 ng/u1
RT: 21.398 min Scan# 4153
Delta R.T. -0.002 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

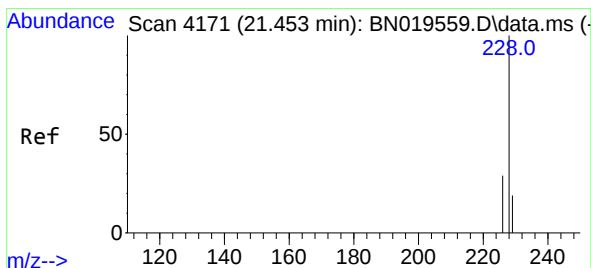
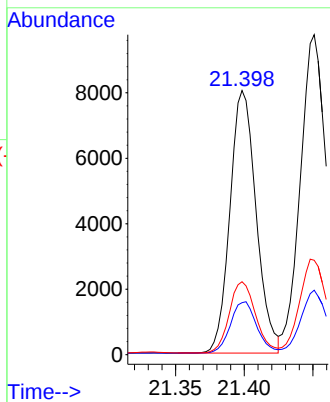
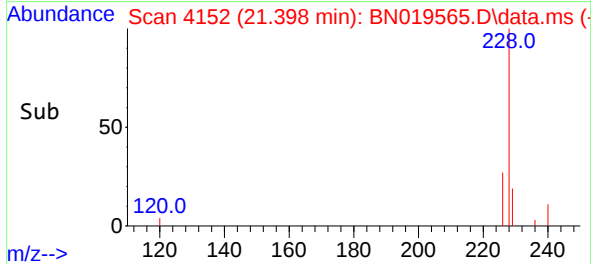
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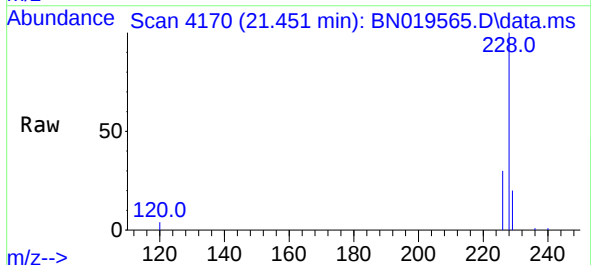
Tgt Ion:228 Resp: 10650
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.6 22.1 33.1

Manual Integrations
APPROVED

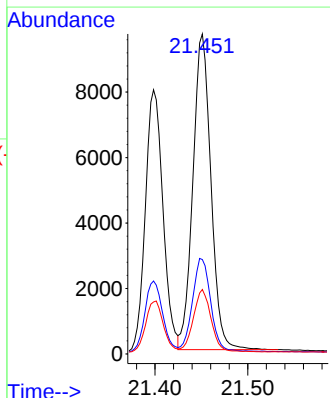
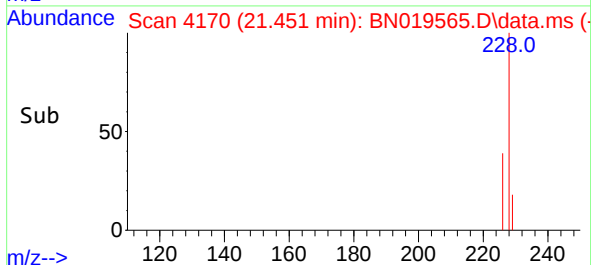
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

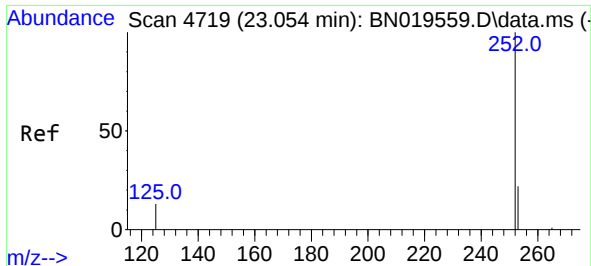


#22
Chrysene
Concen: 0.378 ng/u1
RT: 21.451 min Scan# 4170
Delta R.T. -0.002 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40



Tgt Ion:228 Resp: 13029
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 20.2 16.0 24.0





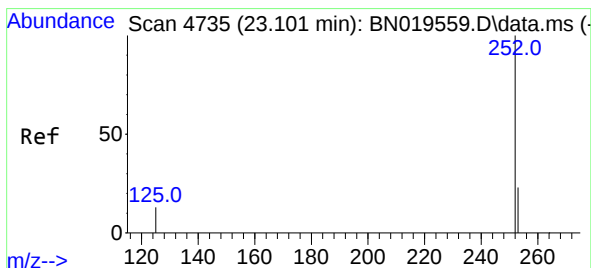
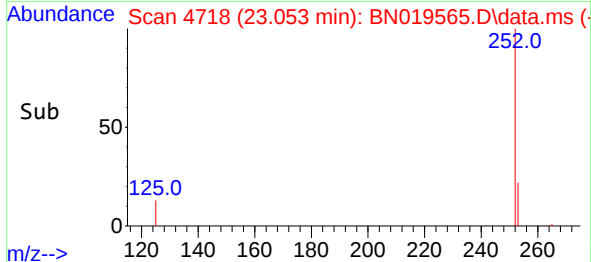
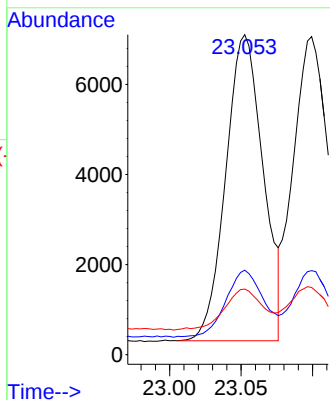
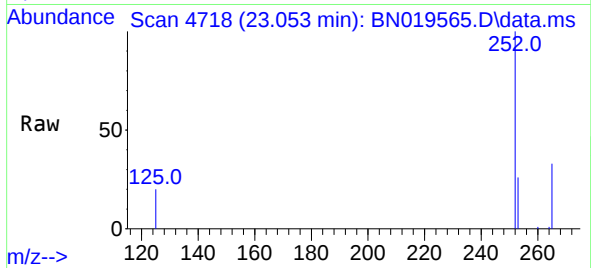
#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.053 min Scan# 4719
Delta R.T. -0.002 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

Instrument :
BNA_N
ClientSampleId :
SLCS347

Tgt Ion:252 Resp: 12378
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.0
125 20.5 0.0 40.2

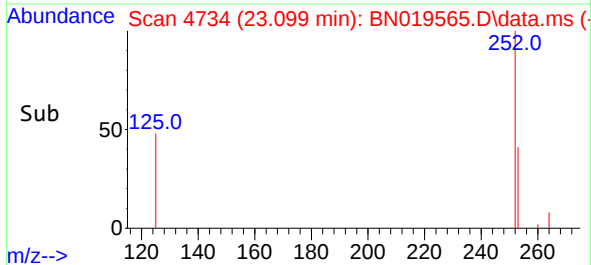
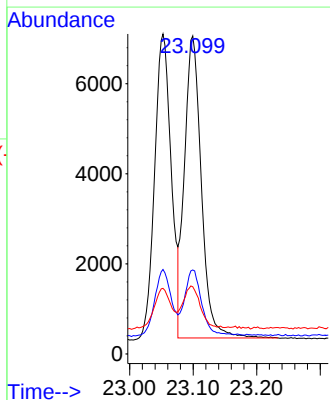
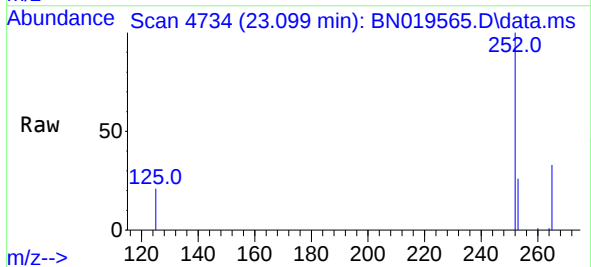
Manual Integrations
APPROVED

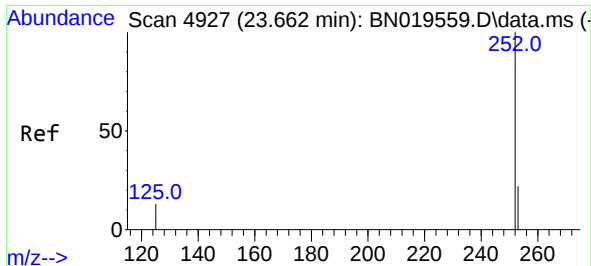
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.002 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

Tgt Ion:252 Resp: 12407
Ion Ratio Lower Upper
252 100
253 26.4 20.2 30.2
125 21.1 11.0 16.6#





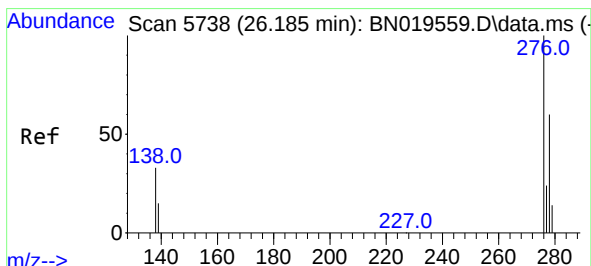
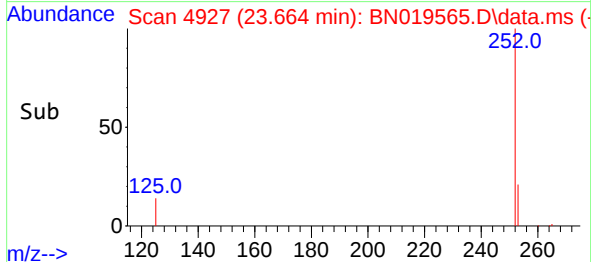
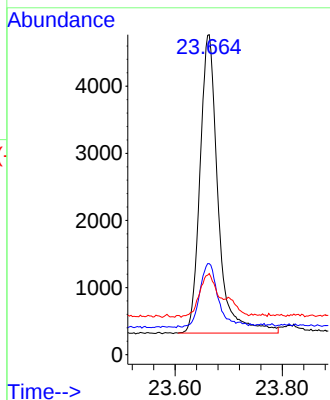
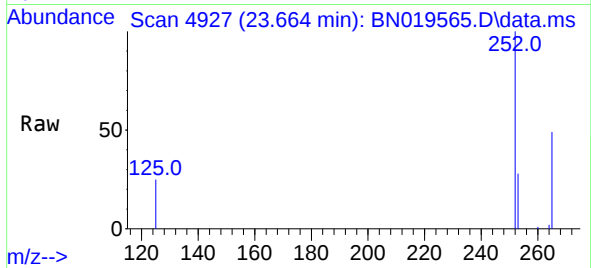
#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.664 min Scan# 4927
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

Instrument :
BNA_N
ClientSampleId :
SLCS347

Tgt Ion:	252	Resp:	10420
Ion Ratio	Lower	Upper	
252	100		
253	28.4	23.4	35.0
125	25.3	28.3	42.5

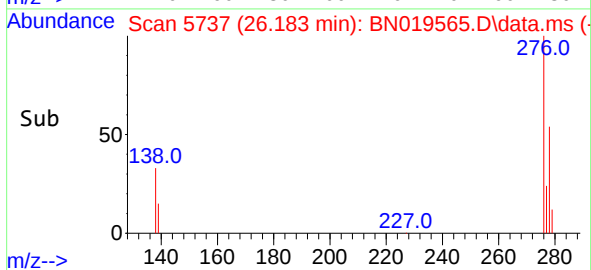
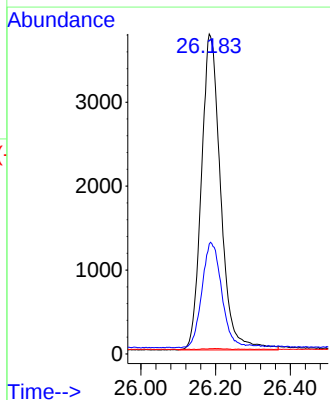
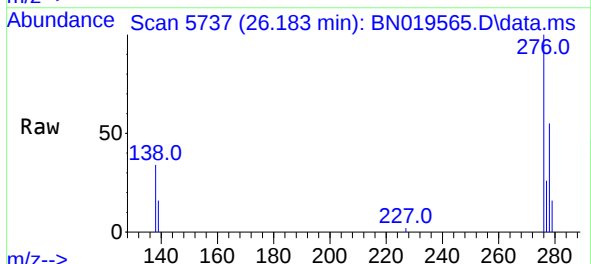
Manual Integrations
APPROVED

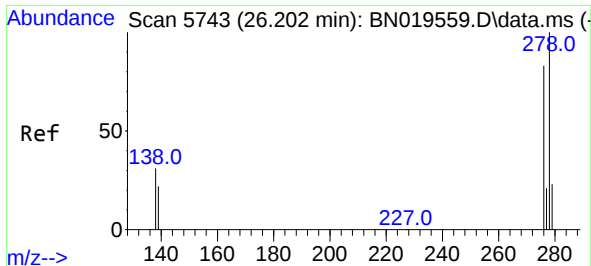
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 26.183 min Scan# 5737
Delta R.T. -0.002 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

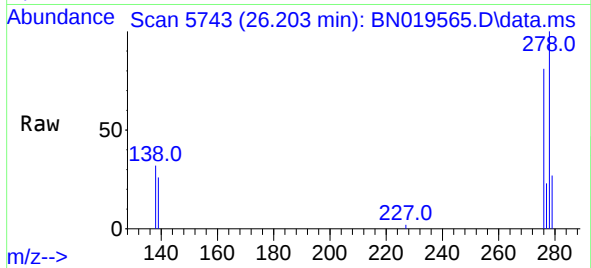
Tgt Ion:	276	Resp:	13496
Ion Ratio	Lower	Upper	
276	100		
138	34.6	23.6	35.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.203 min Scan# 511460
Delta R.T. 0.001 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40

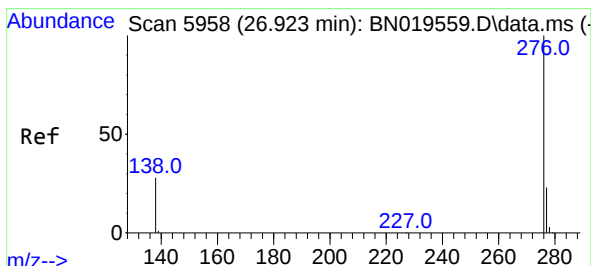
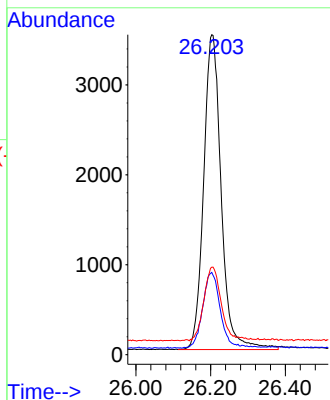
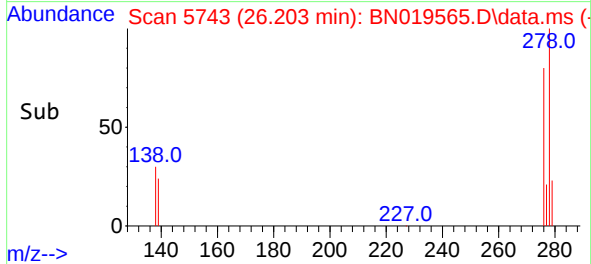
Instrument :
BNA_N
ClientSampleId :
SLCS347



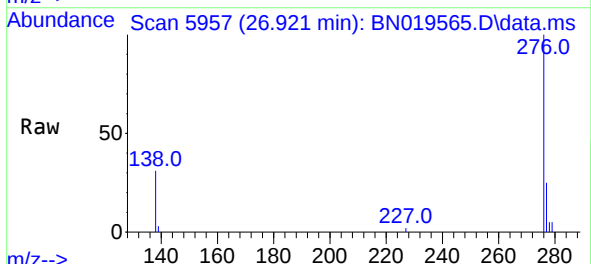
Tgt Ion:278 Resp: 11460
Ion Ratio Lower Upper
278 100
139 25.7 18.6 28.0
279 27.3 35.1 52.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 26.921 min Scan# 5957
Delta R.T. -0.002 min
Lab File: BN019565.D
Acq: 28 Apr 2022 14:40



Tgt Ion:276 Resp: 12261
Ion Ratio Lower Upper
276 100
138 31.1 20.9 31.3
277 24.9 20.4 30.6

