

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019585.D
 Acq On : 29 Apr 2022 11:06
 Operator : CG/JU
 Sample : N2470-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG0DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 03:17:43 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	7.876	152	6917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.665	136	19805	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.496	164	10248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.232	188	20282	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	18020	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	16917	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	4368	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.249	152	1068	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.260	212	2474	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.214	152	2107	0.042	ng/ul#	93
11) Acenaphthene	14.556	153	6828	0.168	ng/ul	99
12) Fluorene	15.541	166	10781	0.241	ng/ul	100
15) Phenanthrene	17.275	178	250650	3.359	ng/ul	99
16) Anthracene	17.363	178	45292	0.744	ng/ul	99
19) Fluoranthene	19.288	202	561026	6.802	ng/ul	99
20) Pyrene	19.651	202	356931	4.335	ng/ul	99
21) Benzo(a)anthracene	21.400	228	228845	3.398	ng/ul	100
22) Chrysene	21.452	228	227589	2.868	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	298608m	3.479	ng/ul	
25) Benzo(k)fluoranthene	23.101	252	118966m	1.439	ng/ul	
26) Benzo(a)pyrene	23.662	252	100284	1.372	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.184	276	96264	1.055	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.198	278	32912	0.432	ng/ul#	81
29) Benzo(g,h,i)perylene	26.926	276	5635	0.068	ng/ul#	76

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

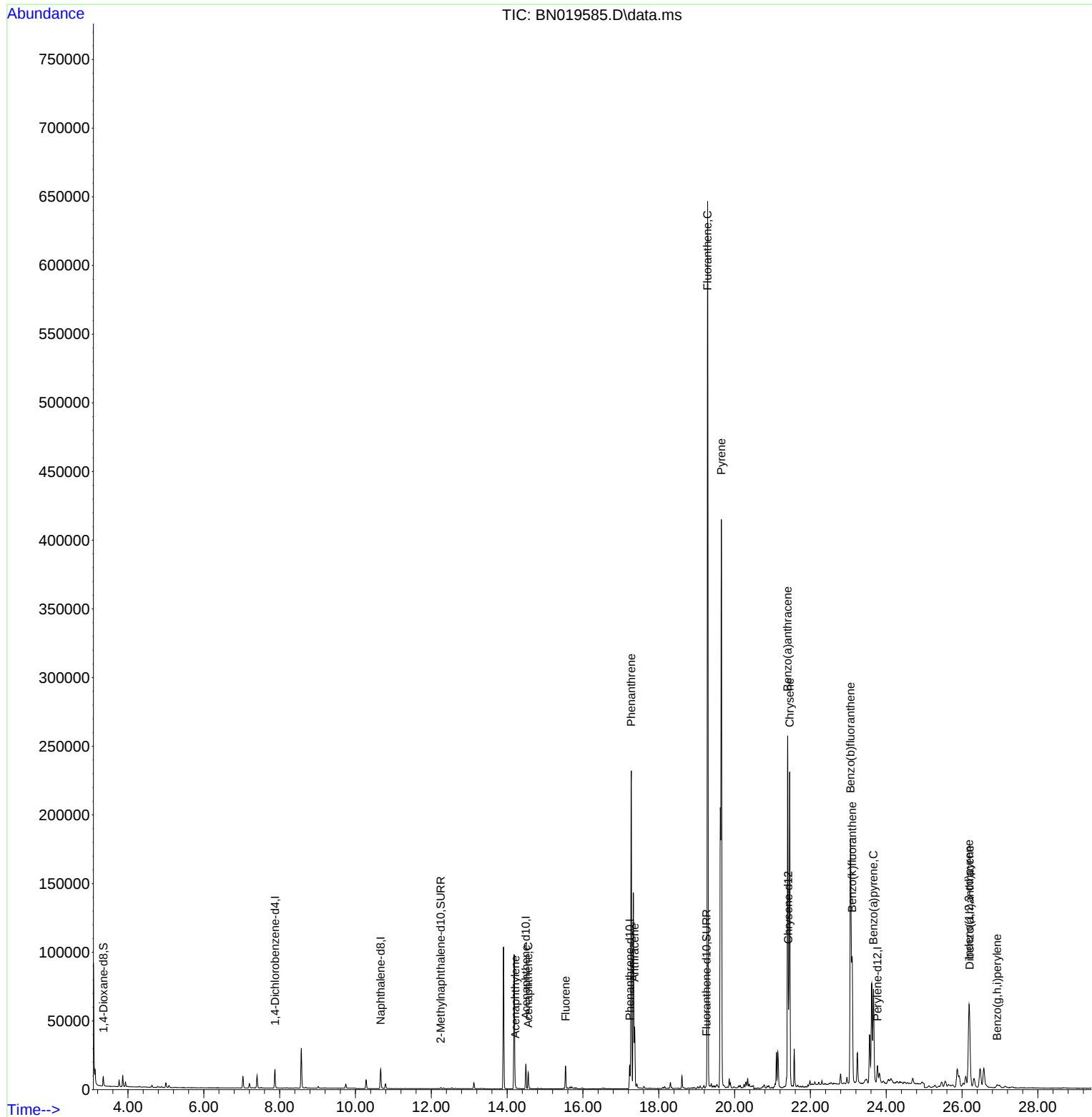
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019585.D
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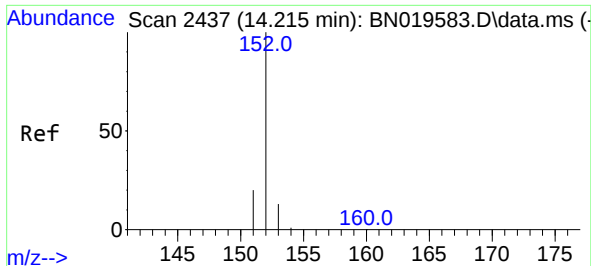
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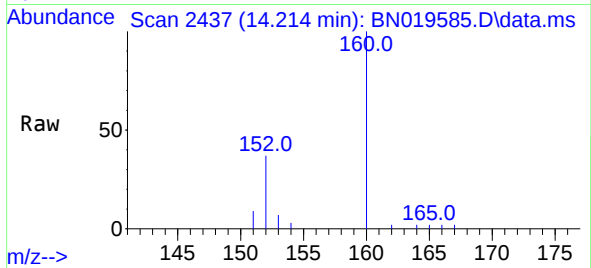
Quant Time: Apr 30 03:17:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
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#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.214 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

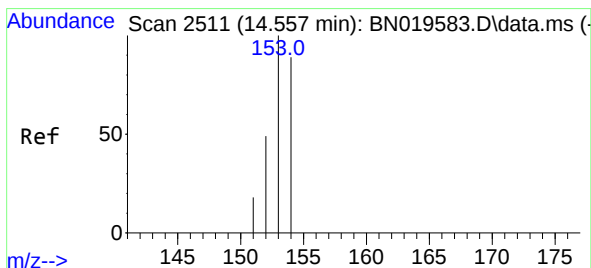
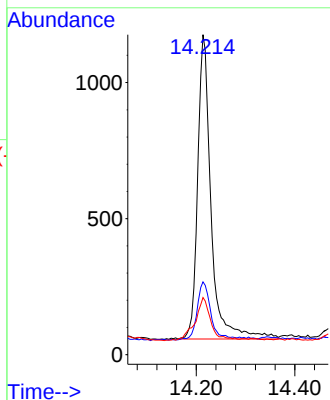
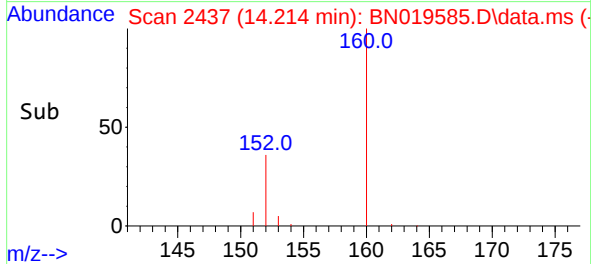
Instrument :
BNA_N
ClientSampleId :
BFFG0DL



Tgt Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 17.9 11.1 16.7

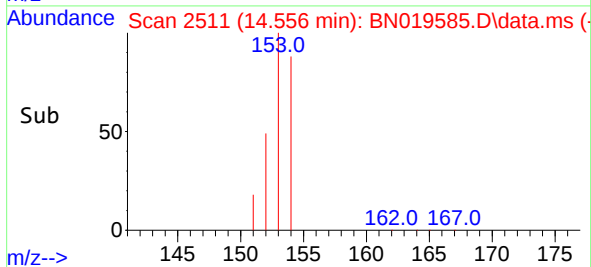
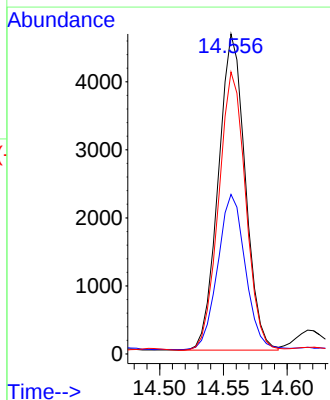
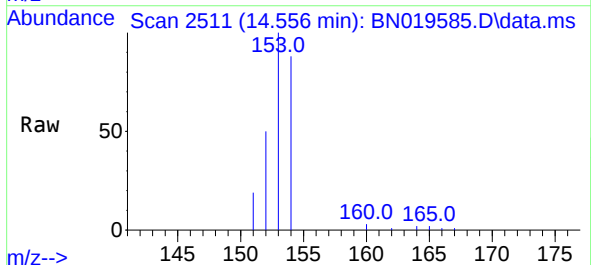
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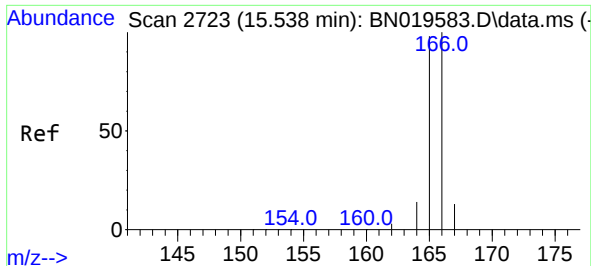
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#11
Acenaphthene
Concen: 0.168 ng/ul
RT: 14.556 min Scan# 2511
Delta R.T. -0.000 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

Tgt Ion:153 Resp: 6828
Ion Ratio Lower Upper
153 100
152 49.8 38.6 57.8
154 88.1 71.2 106.8





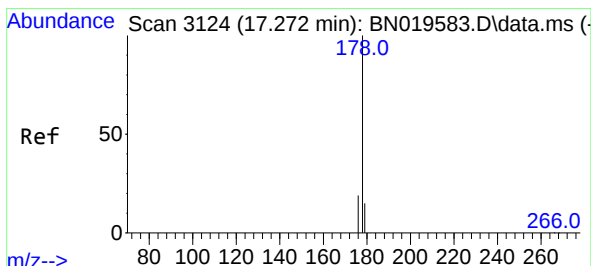
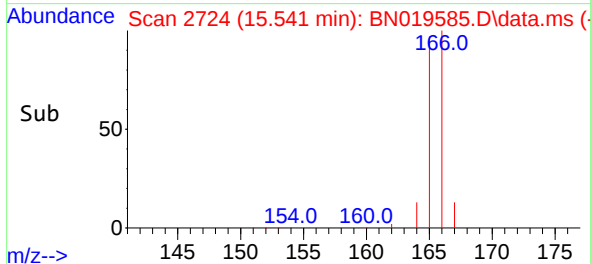
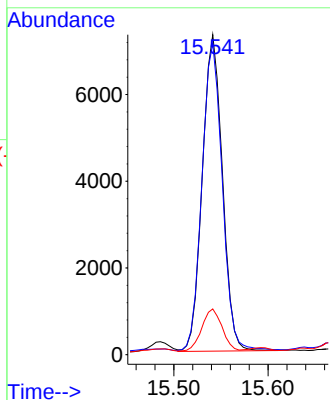
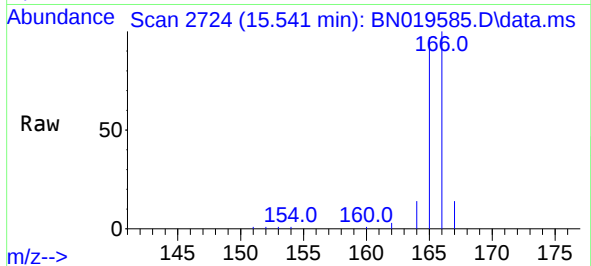
#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.541 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 1078
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 14.3 11.3 16.9

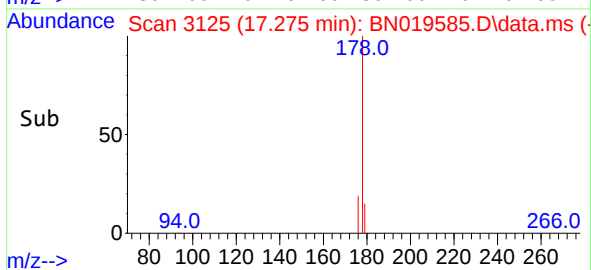
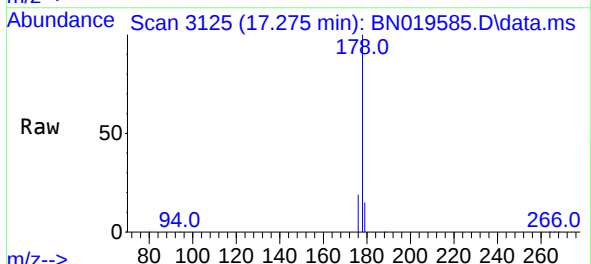
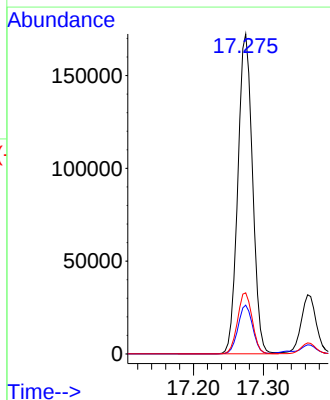
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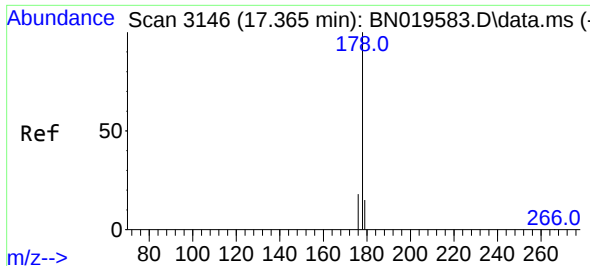
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#15
Phenanthrene
Concen: 3.359 ng/ul
RT: 17.275 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

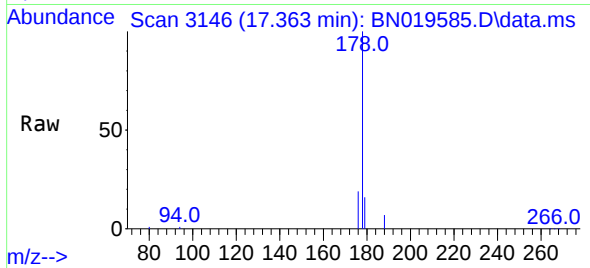
Tgt Ion:178 Resp: 250650
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.1 15.5 23.3





#16
 Anthracene
 Concen: 0.744 ng/ul
 RT: 17.363 min Scan# 3146
 Delta R.T. -0.000 min
 Lab File: BN019585.D
 Acq: 29 Apr 2022 11:06

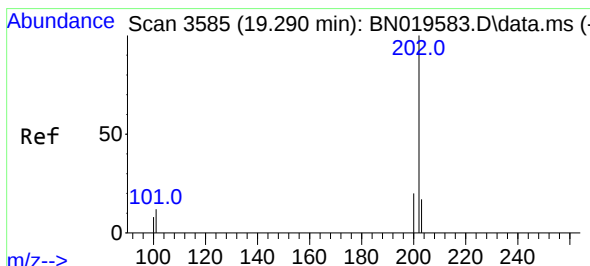
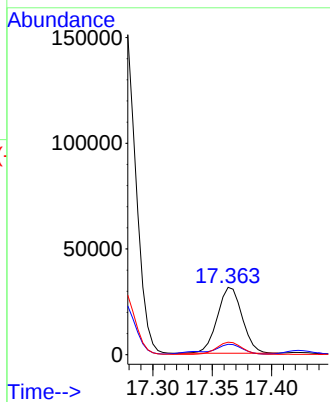
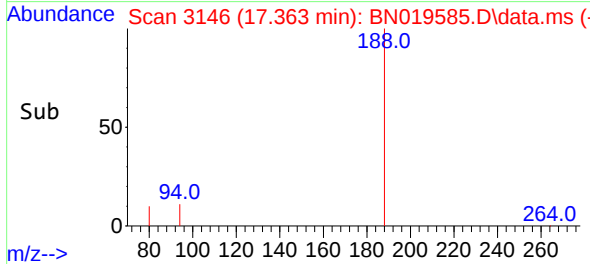
Instrument :
 BNA_N
 ClientSampleId :
 BFFG0DL



Tgt Ion:178 Resp: 45292
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.1 19.7
 176 18.6 15.3 22.9

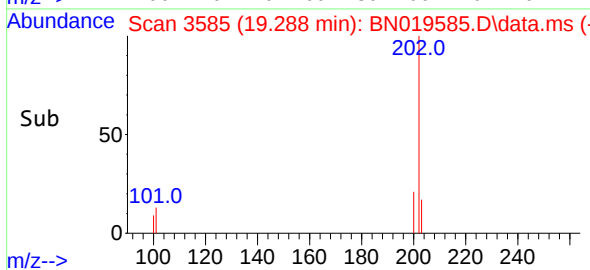
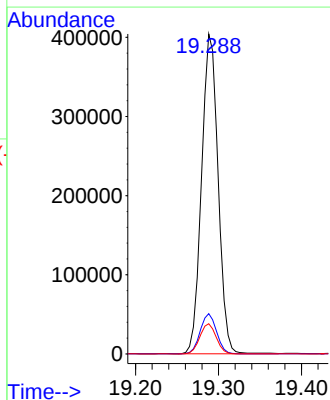
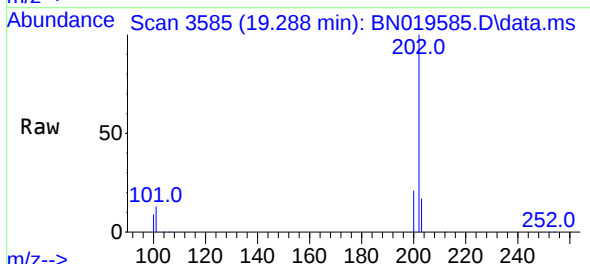
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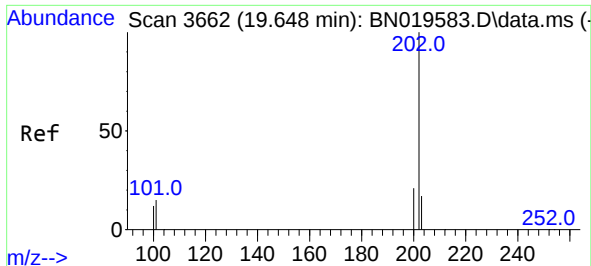
Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022



#19
 Fluoranthene
 Concen: 6.802 ng/ul
 RT: 19.288 min Scan# 3585
 Delta R.T. -0.001 min
 Lab File: BN019585.D
 Acq: 29 Apr 2022 11:06

Tgt Ion:202 Resp: 561026
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.7 14.5
 100 9.4 7.4 11.2





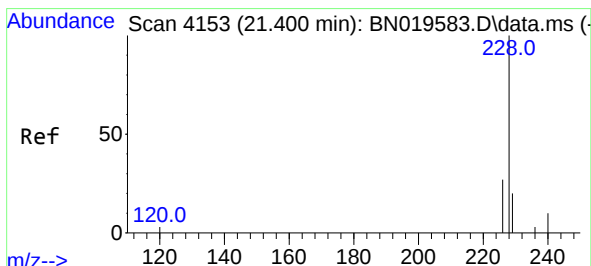
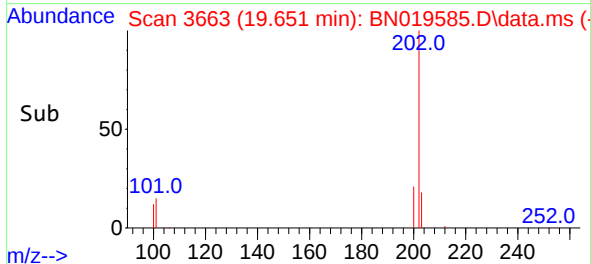
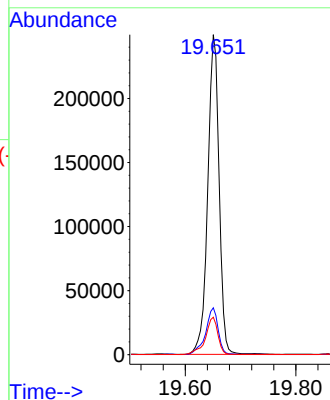
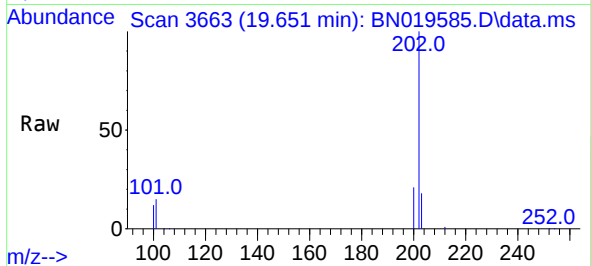
#20
Pyrene
Concen: 4.335 ng/ul
RT: 19.651 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

Instrument :
BNA_N
ClientSampleId :
BFFG0DL

Tgt Ion:202 Resp: 35693
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.7 9.0 13.4

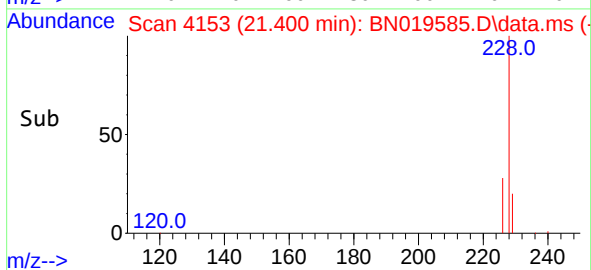
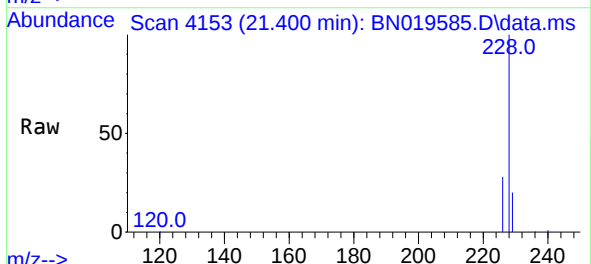
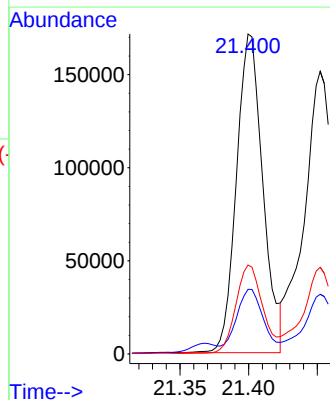
Manual Integrations
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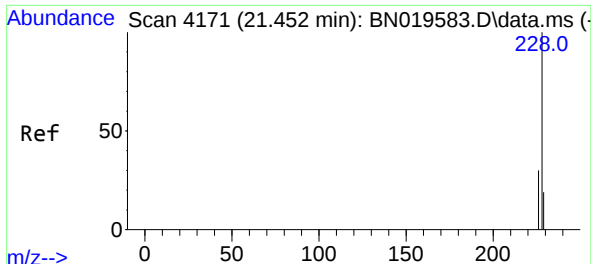
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#21
Benzo(a)anthracene
Concen: 3.398 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.001 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

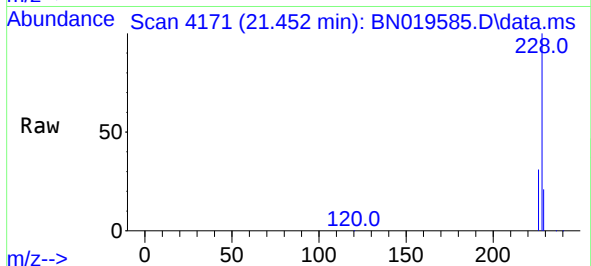
Tgt Ion:228 Resp: 228845
Ion Ratio Lower Upper
228 100
229 20.2 16.1 24.1
226 27.8 22.1 33.1





#22
Chrysene
Concen: 2.868 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.001 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

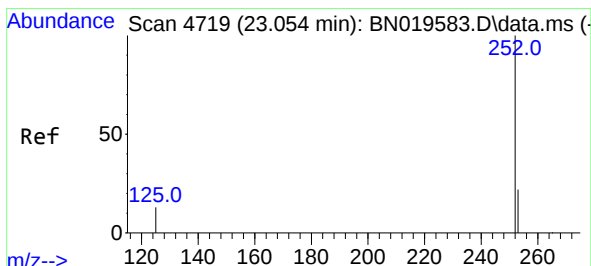
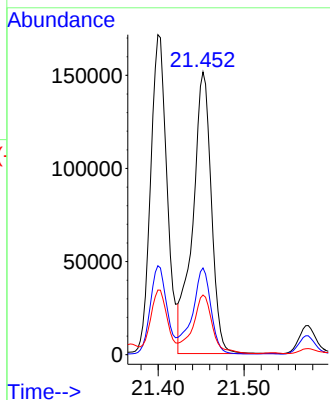
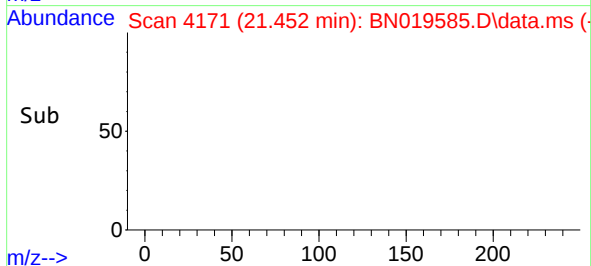
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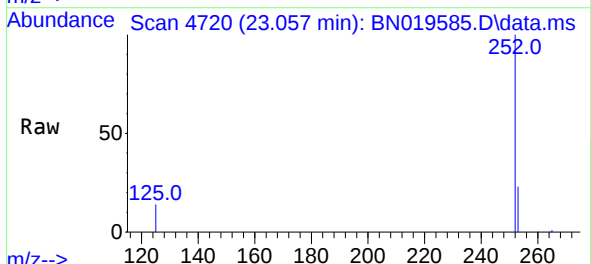
Tgt Ion:228 Resp: 227589
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 21.1 16.0 24.0

Manual Integrations
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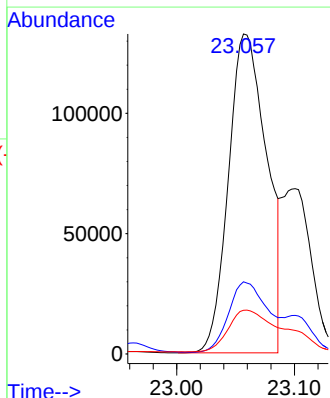
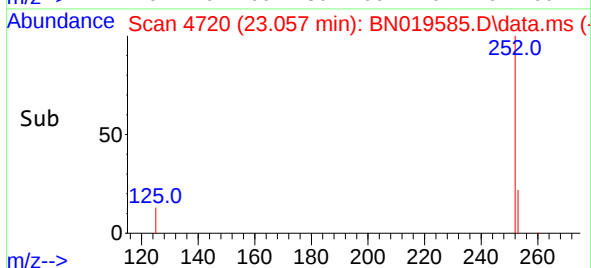
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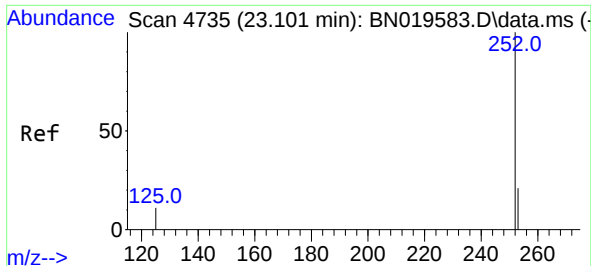


#24
Benzo(b)fluoranthene
Concen: 3.479 ng/ul m
RT: 23.057 min Scan# 4720
Delta R.T. 0.002 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06



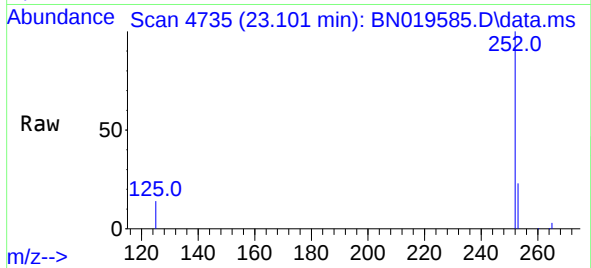
Tgt Ion:252 Resp: 298608
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.0
125 13.7 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 1.439 ng/ul m
RT: 23.101 min Scan# 4735
Delta R.T. -0.001 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

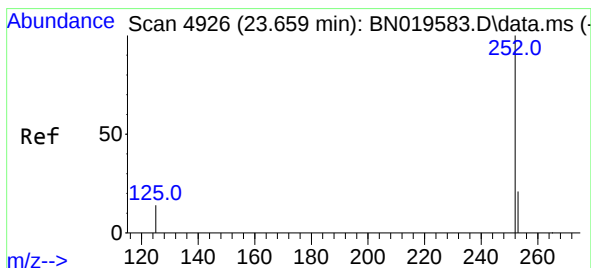
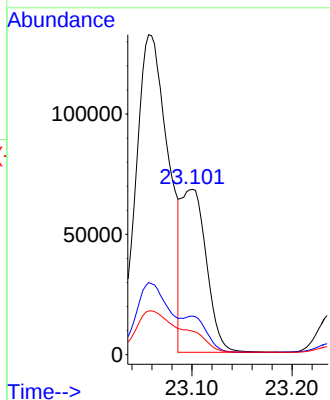
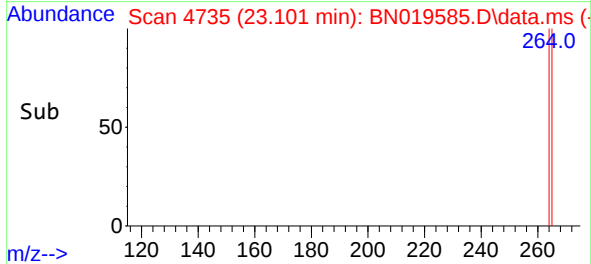
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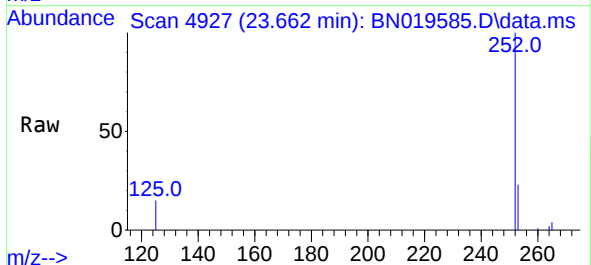
Tgt Ion:252 Resp: 118960
Ion Ratio Lower Upper
252 100
253 23.3 20.2 30.2
125 14.2 11.0 16.6

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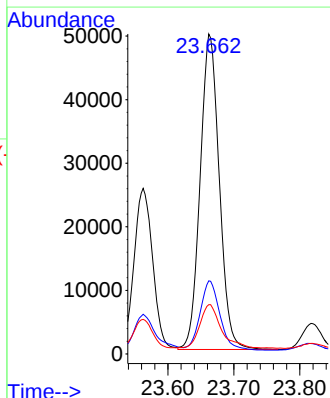
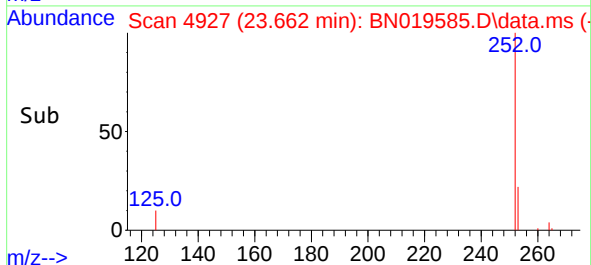
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

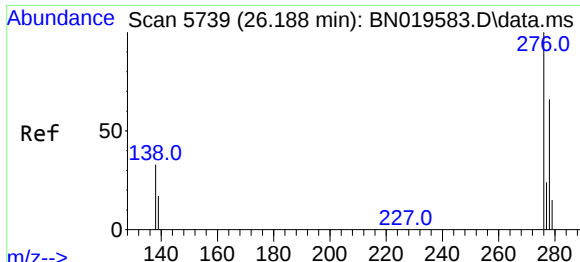


#26
Benzo(a)pyrene
Concen: 1.372 ng/ul
RT: 23.662 min Scan# 4927
Delta R.T. -0.001 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06



Tgt Ion:252 Resp: 100284
Ion Ratio Lower Upper
252 100
253 22.8 23.4 35.0#
125 15.4 28.3 42.5#





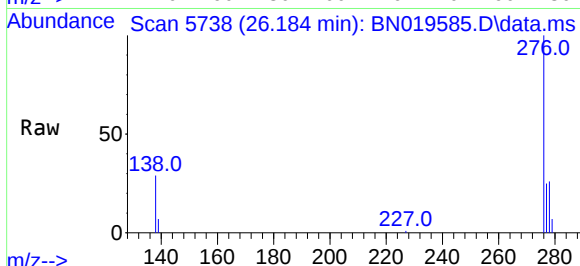
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.055 ng/ul
RT: 26.184 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06

Instrument :

BNA_N

ClientSampleId :

BFFG0DL

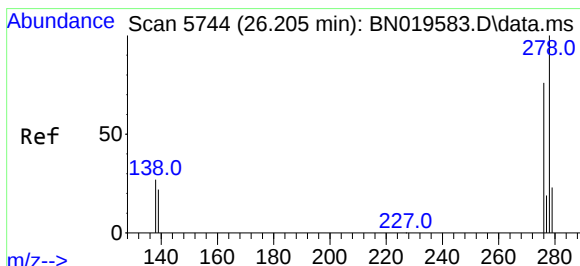
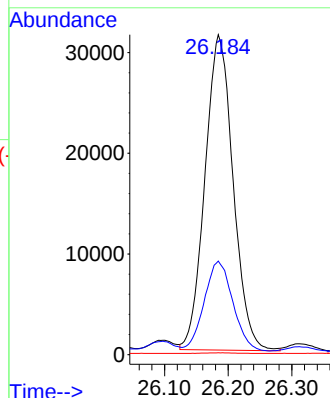
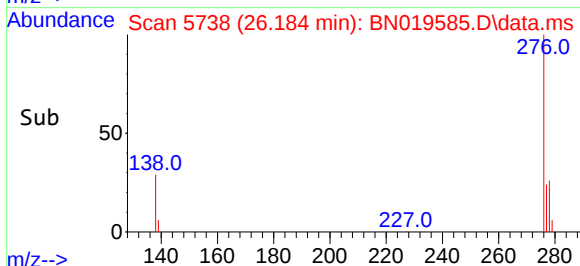


Tgt Ion:276 Resp: 96264
Ion Ratio Lower Upper
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138 29.1 23.6 35.4
227 0.2 0.0 0.0

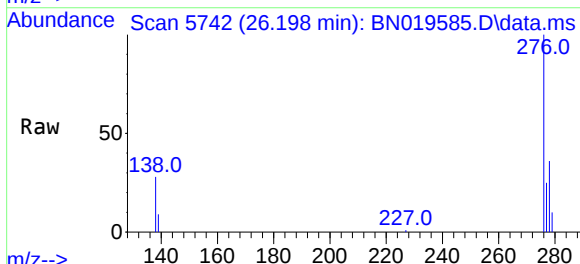
Manual Integrations

APPROVED

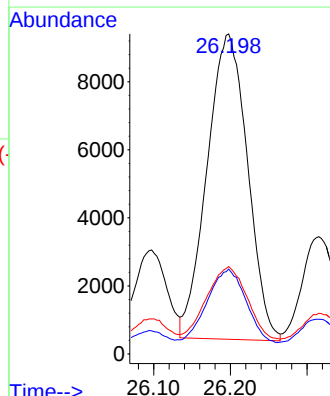
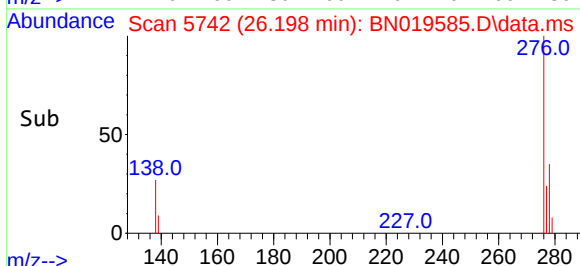
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

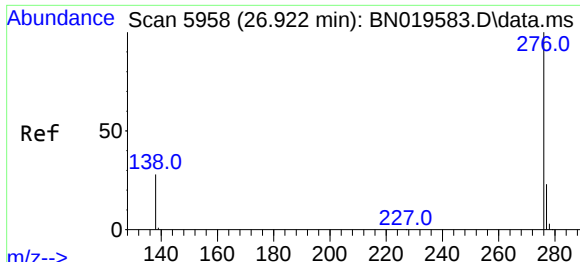


#28
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.004 min
Lab File: BN019585.D
Acq: 29 Apr 2022 11:06



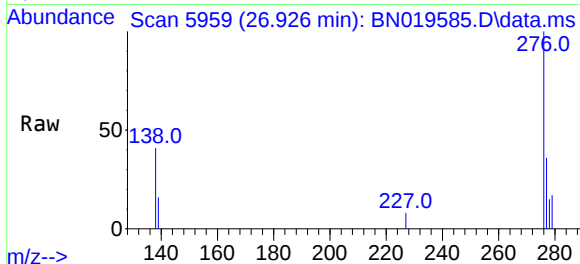
Tgt Ion:278 Resp: 32912
Ion Ratio Lower Upper
278 100
139 26.5 18.6 28.0
279 27.3 35.1 52.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.068 ng/ul
 RT: 26.926 min Scan# 5958
 Delta R.T. 0.003 min
 Lab File: BN019585.D
 Acq: 29 Apr 2022 11:06

Instrument :
 BNA_N
 ClientSampleId :
 BFFG0DL



Tgt Ion: 276 Resp: 563
 Ion Ratio Lower Upper
 276 100
 138 40.6 20.9 31.3
 277 35.9 20.4 30.6

Manual Integrations
 APPROVED

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

