

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019572.D
 Acq On : 28 Apr 2022 18:50
 Operator : CG/JU
 Sample : N2469-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFF8

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 03:00:50 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	4411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	12354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6587	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	13309	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	11698	0.400	ng/ul	# 0.00
23) Perylene-d12	23.770	264	10699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	13124	2.514	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3311	0.177	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	7106	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2313	0.058	ng/ul#	91
7) 2-Methylnaphthalene	12.327	142	1591	0.065	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	1268	0.056	ng/ul#	100
10) Acenaphthylene	14.215	152	14355	0.441	ng/ul	100
11) Acenaphthene	14.557	153	1097	0.042	ng/ul#	95
12) Fluorene	15.543	166	2309	0.080	ng/ul#	96
15) Phenanthrene	17.276	178	57299	1.170	ng/ul	99
16) Anthracene	17.365	178	16683	0.418	ng/ul	100
19) Fluoranthene	19.290	202	196819	3.676	ng/ul	99
20) Pyrene	19.653	202	194843	3.646	ng/ul	98
21) Benzo(a)anthracene	21.400	228	94254	2.156	ng/ul	96
22) Chrysene	21.452	228	137830	2.675	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	238787m	4.399	ng/ul	
25) Benzo(k)fluoranthene	23.095	252	71643m	1.370	ng/ul	
26) Benzo(a)pyrene	23.665	252	121380	2.625	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.188	276	110076	1.908	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.198	278	24151	0.501	ng/ul#	75
29) Benzo(g,h,i)perylene	26.929	276	100315	1.902	ng/ul	96

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

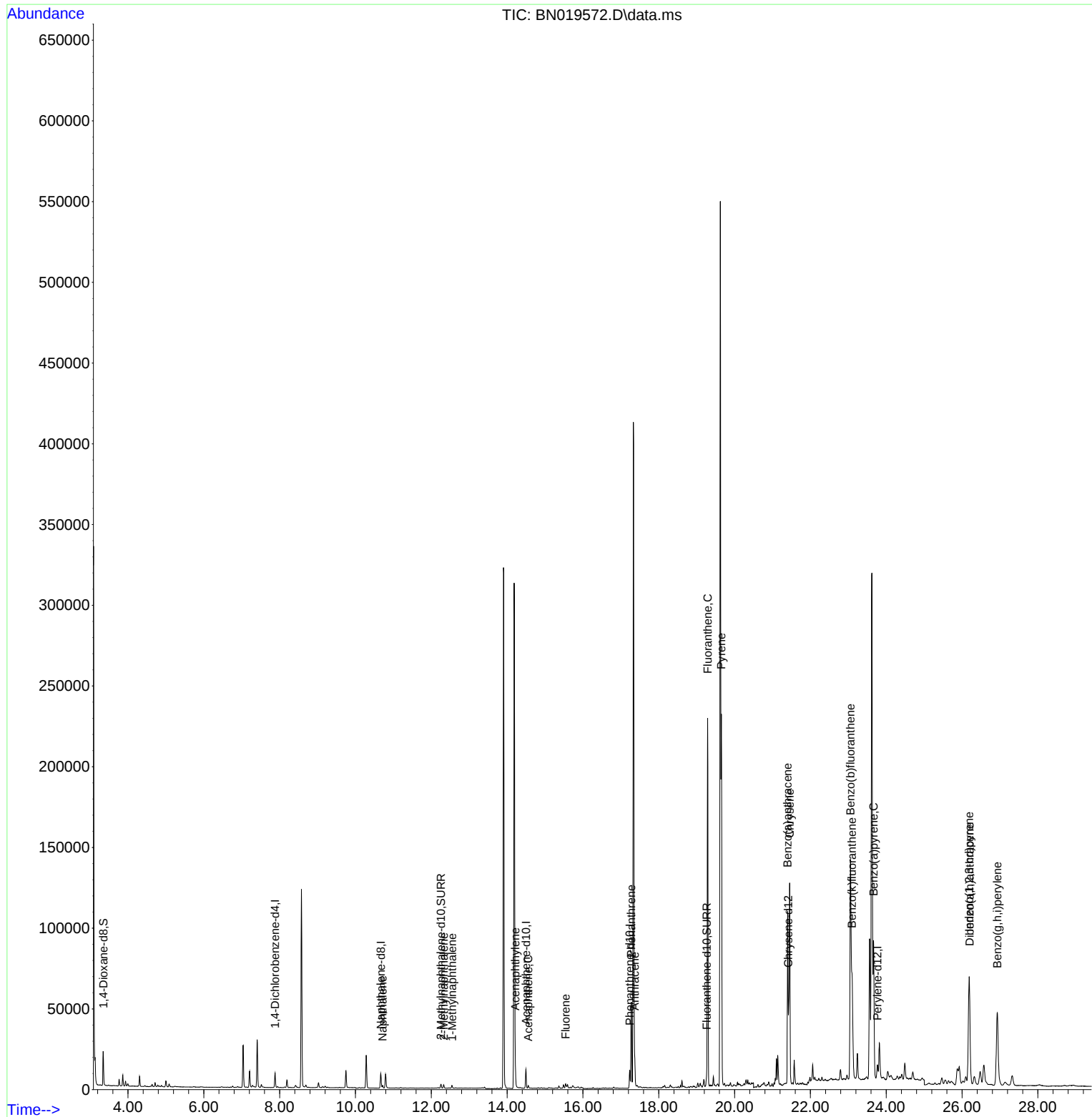
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019572.D
Acq On : 28 Apr 2022 18:50
Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

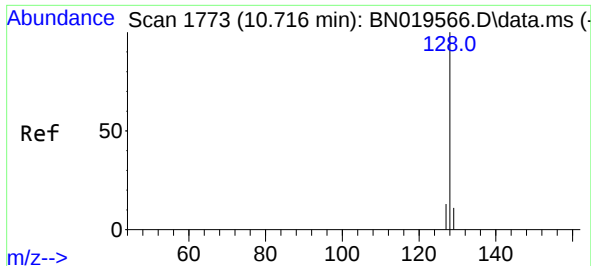
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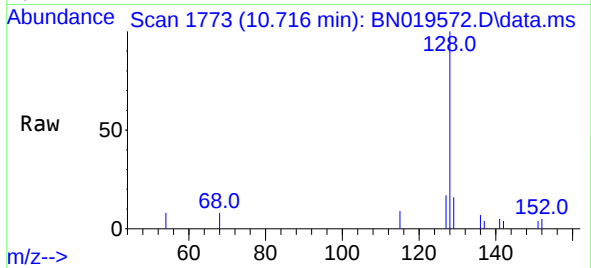
Quant Time: Apr 29 03:00:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

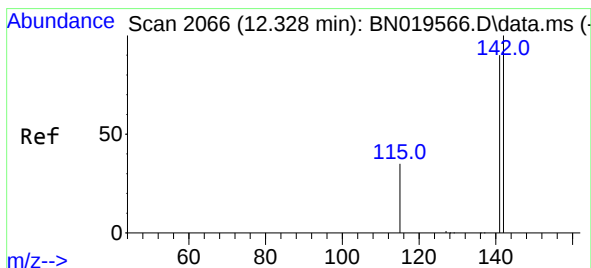
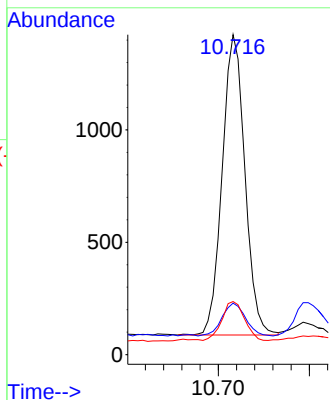
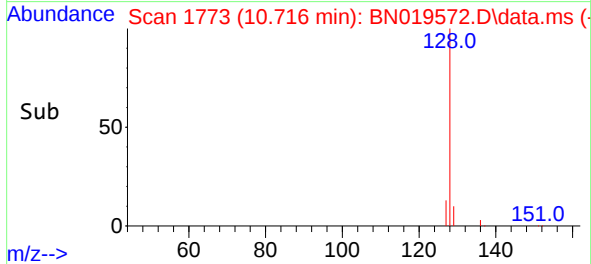
Instrument :
BNA_N
ClientSampleId :
BFFF8



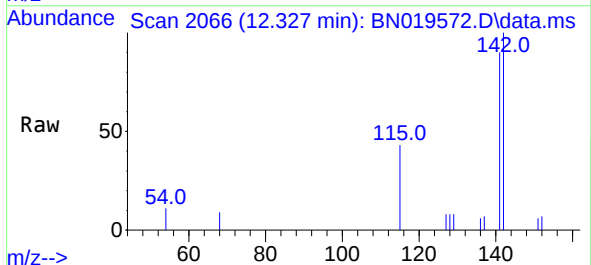
Tgt Ion:128 Resp: 2311
Ion Ratio Lower Upper
128 100
129 16.1 9.5 14.3
127 16.6 11.0 16.4

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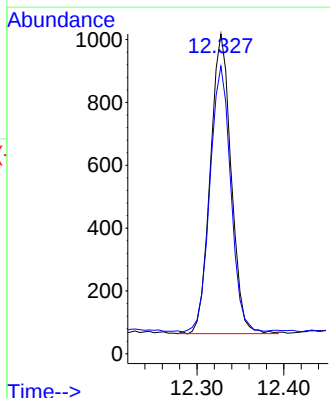
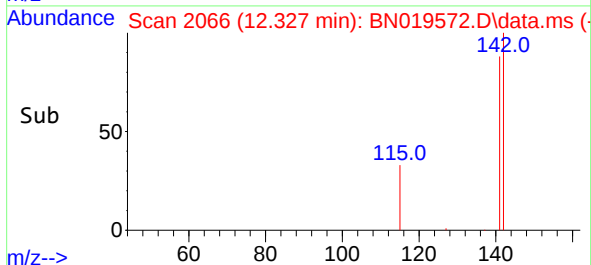
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

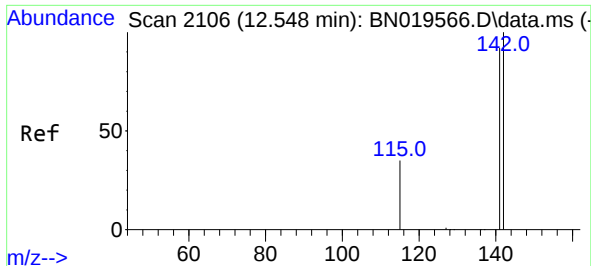


#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50



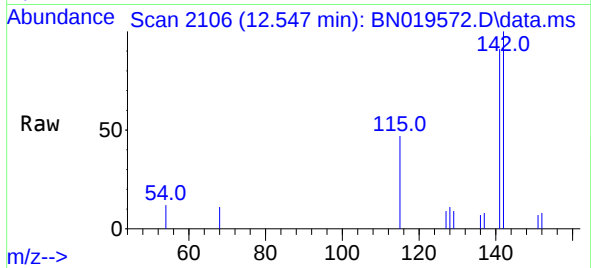
Tgt Ion:142 Resp: 1591
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

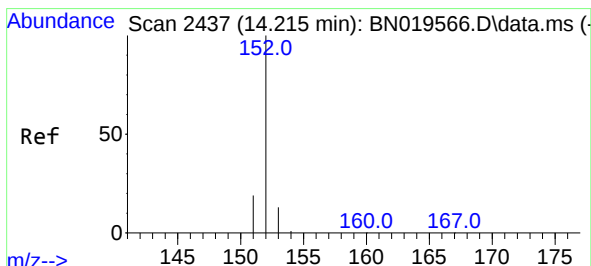
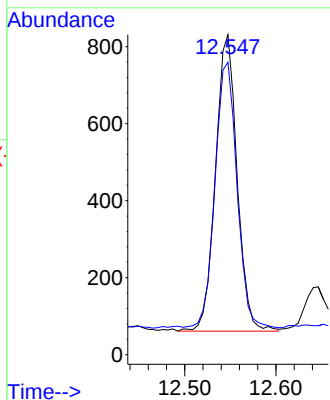
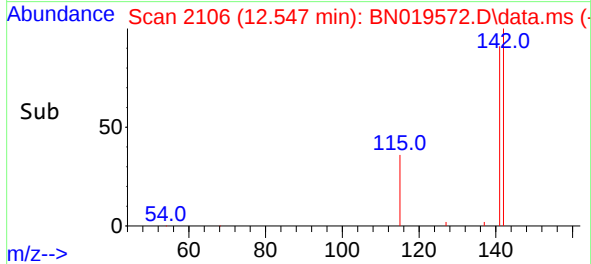
Instrument :
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ClientSampleId :
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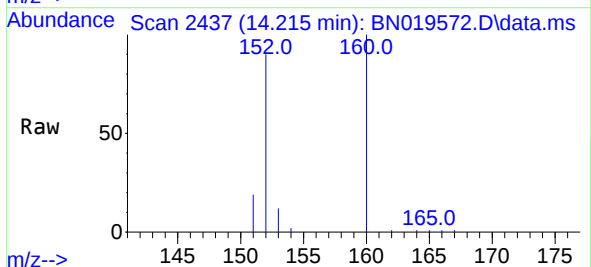
Tgt Ion:142 Resp: 1268
Ion Ratio Lower Upper
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141 90.6 0.0 0.0

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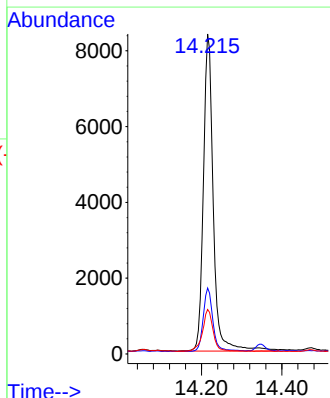
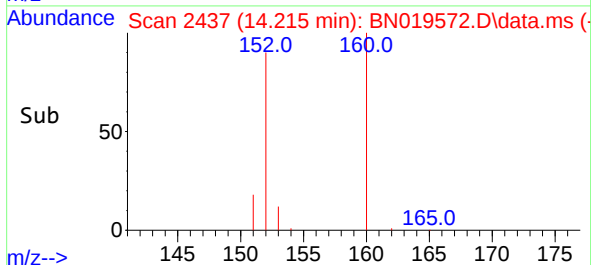
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

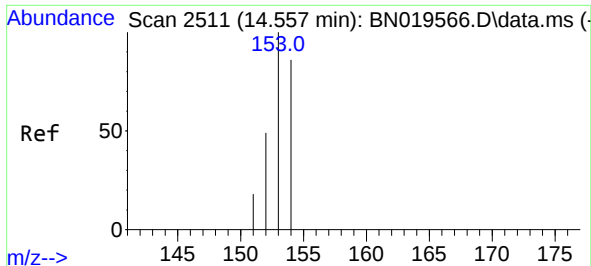


#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50



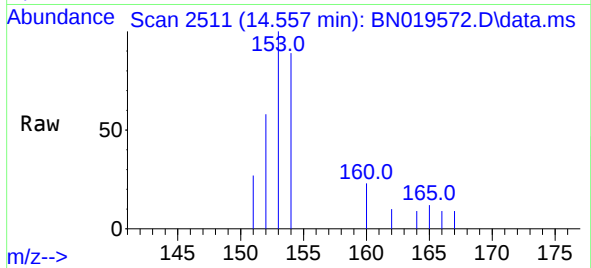
Tgt Ion:152 Resp: 14355
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.1 16.7





#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

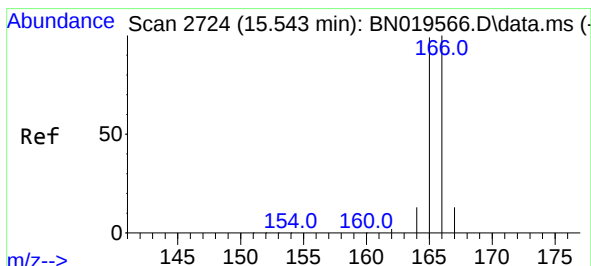
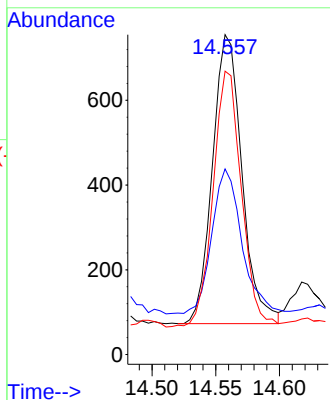
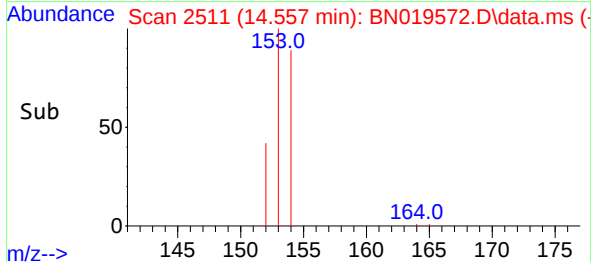
Instrument :
BNA_N
ClientSampleId :
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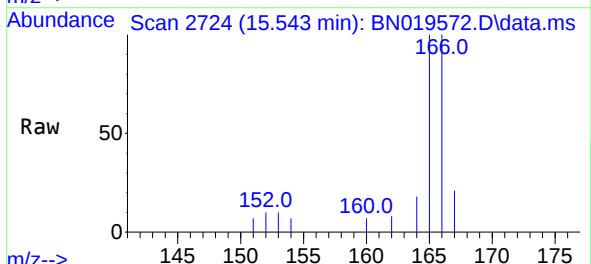
Tgt Ion:153 Resp: 109
Ion Ratio Lower Upper
153 100
152 58.0 38.6 57.8
154 88.6 71.2 106.8

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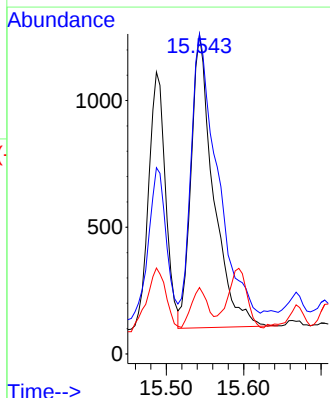
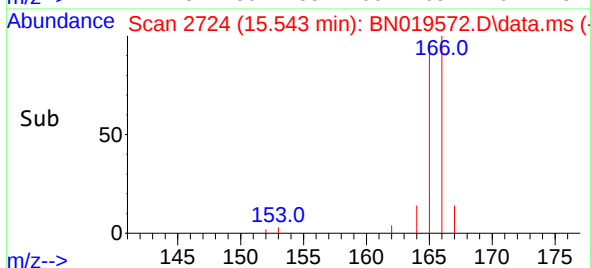
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

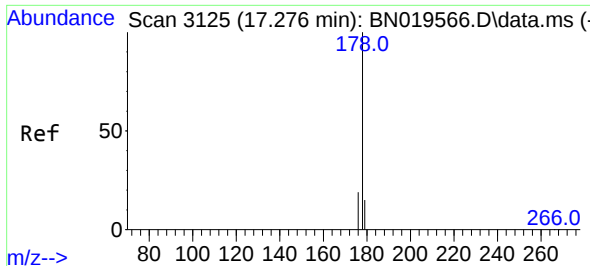


#12
Fluorene
Concen: 0.080 ng/u1
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50



Tgt Ion:166 Resp: 2309
Ion Ratio Lower Upper
166 100
165 100.3 78.2 117.2
167 20.8 11.3 16.9





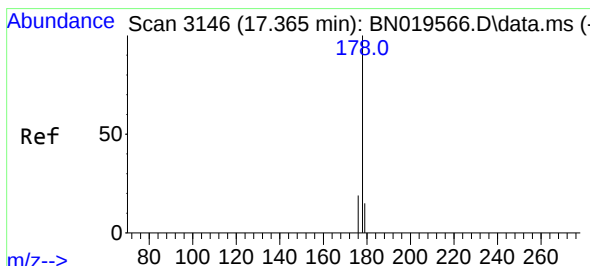
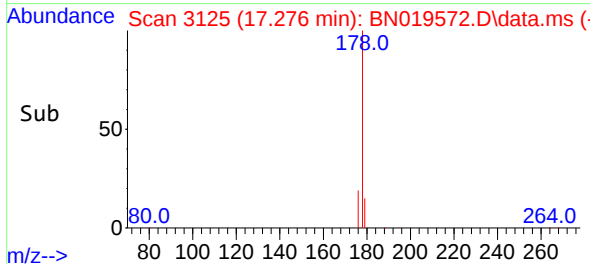
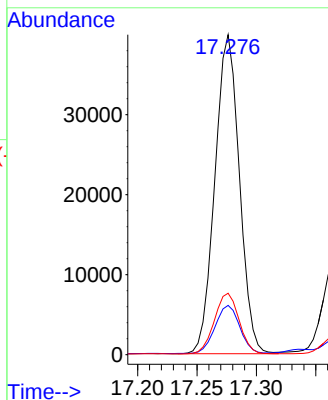
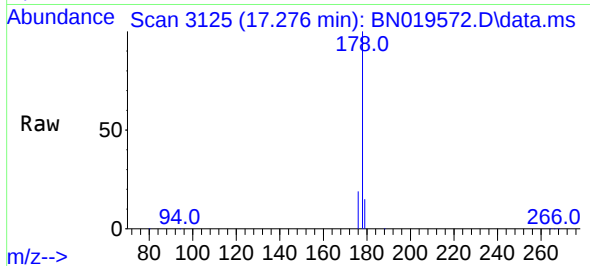
#15
Phenanthrene
Concen: 1.170 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

Instrument :
BNA_N
ClientSampleId :
BFFF8

Tgt Ion:178 Resp: 57299
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.2 15.5 23.3

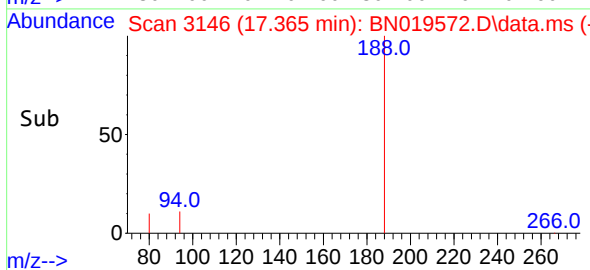
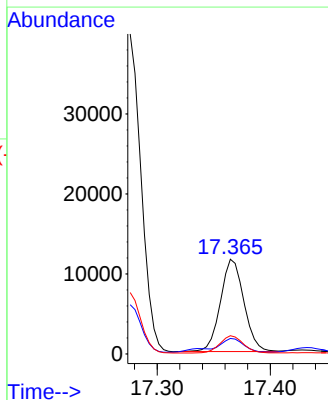
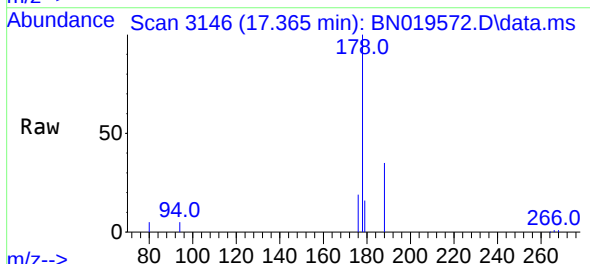
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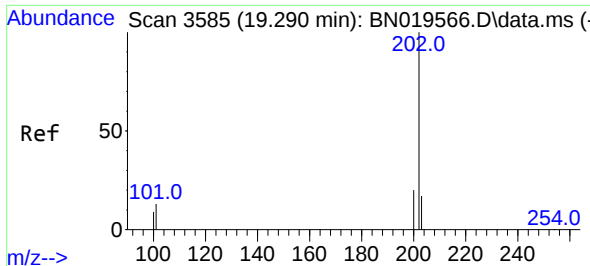
Reviewed By :Jagrut Upadhyay 04/29/2022
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#16
Anthracene
Concen: 0.418 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

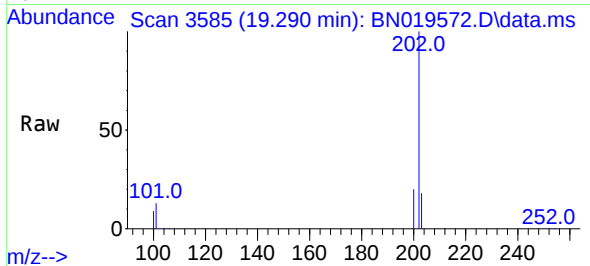
Tgt Ion:178 Resp: 16683
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 3.676 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

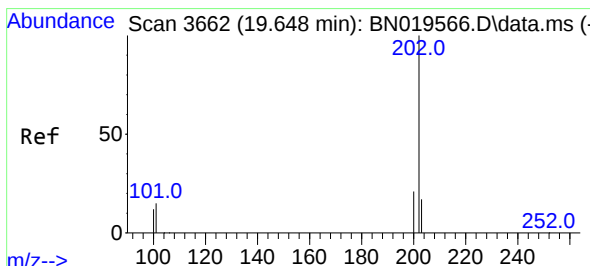
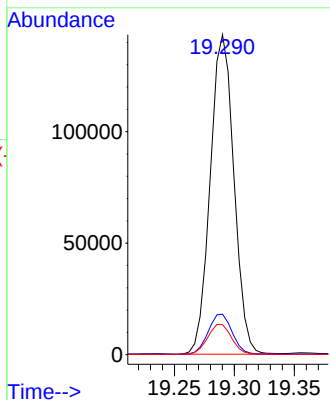
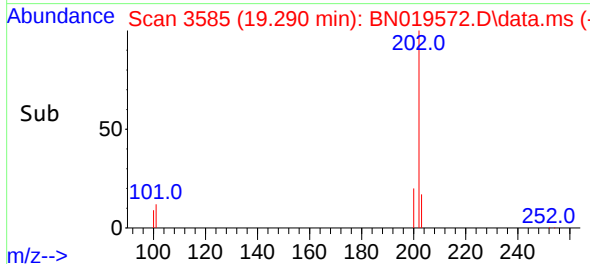
Instrument :
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BFFF8



Tgt Ion:202 Resp: 196819
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 9.4 7.4 11.2

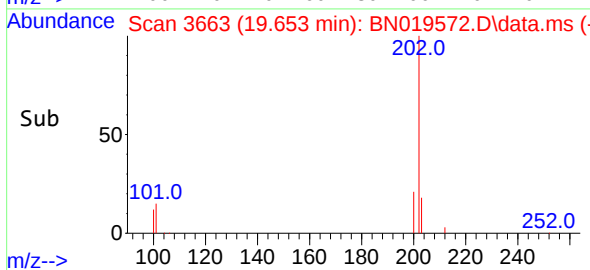
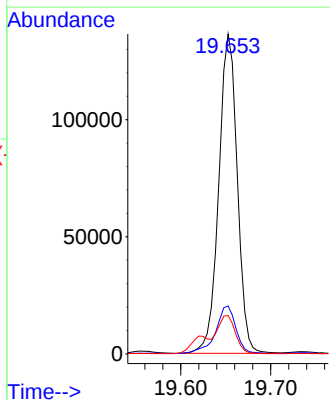
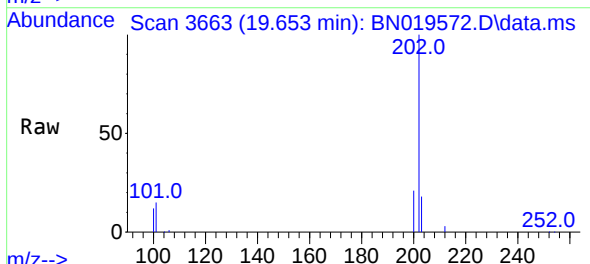
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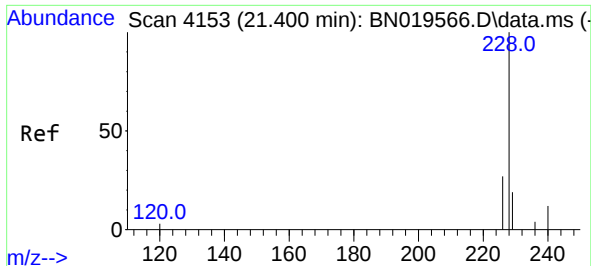
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 3.646 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

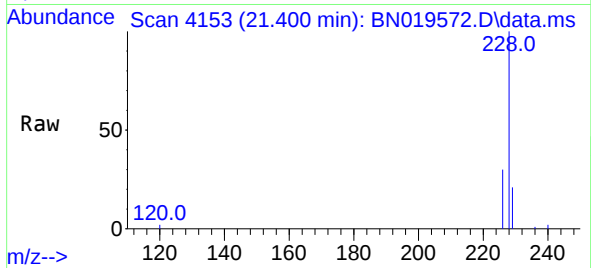
Tgt Ion:202 Resp: 194843
Ion Ratio Lower Upper
202 100
101 15.0 11.4 17.0
100 12.0 9.0 13.4





#21
Benzo(a)anthracene
Concen: 2.156 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

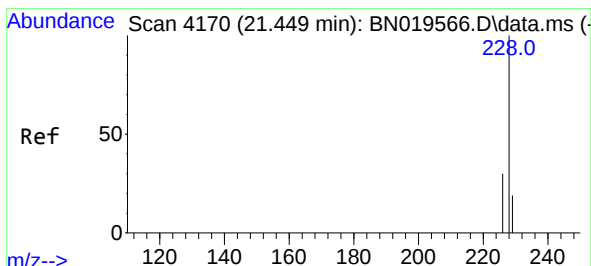
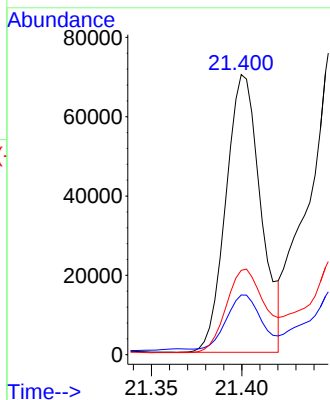
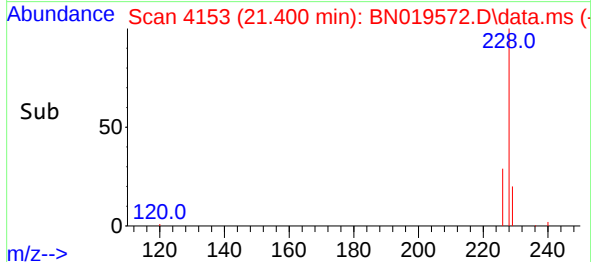
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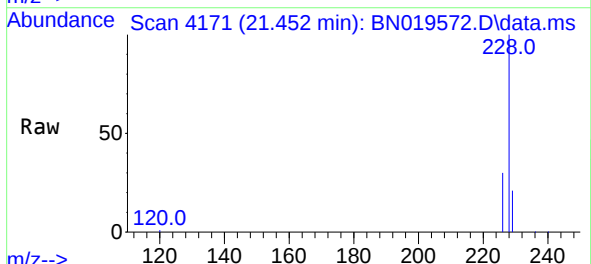
Tgt Ion:228 Resp: 94254
Ion Ratio Lower Upper
228 100
229 21.3 16.1 24.1
226 30.1 22.1 33.1

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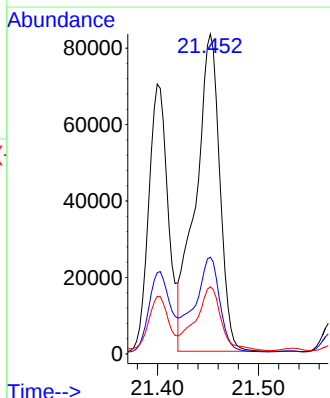
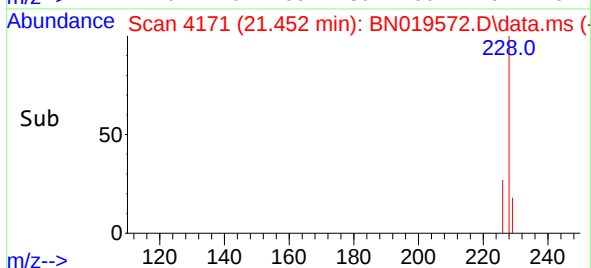
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

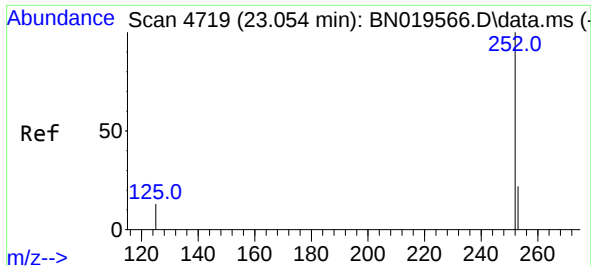


#22
Chrysene
Concen: 2.675 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50



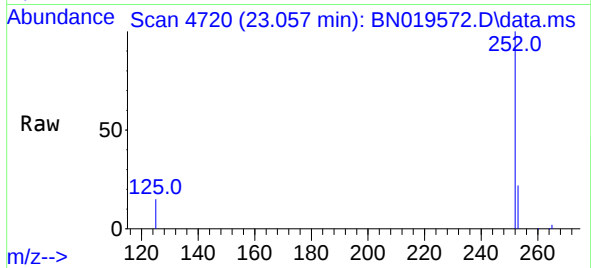
Tgt Ion:228 Resp: 137830
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.399 ng/ul m
RT: 23.057 min Scan# 4719
Delta R.T. 0.002 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

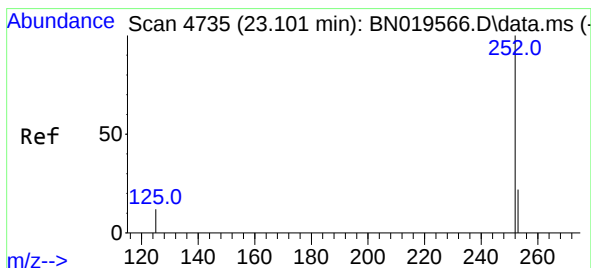
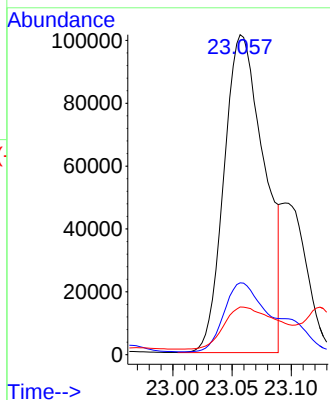
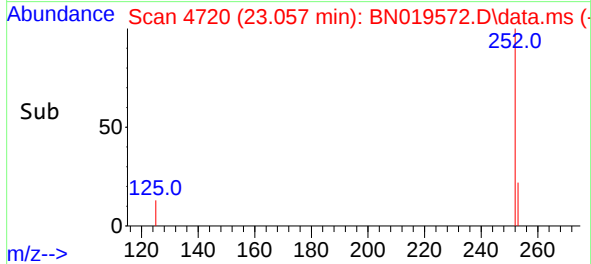
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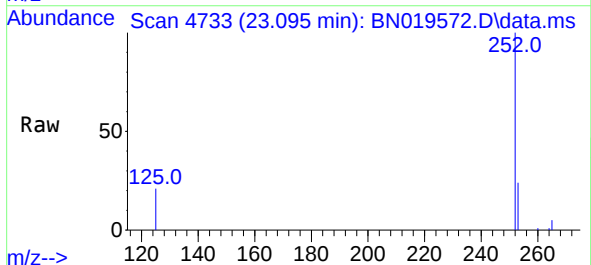
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Ion Ratio Lower Upper
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125 14.9 0.0 40.2

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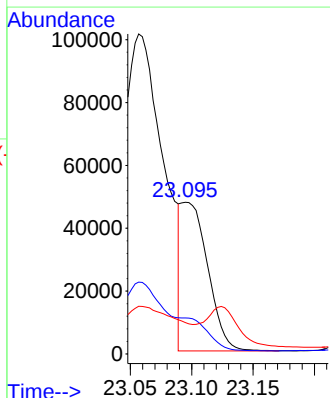
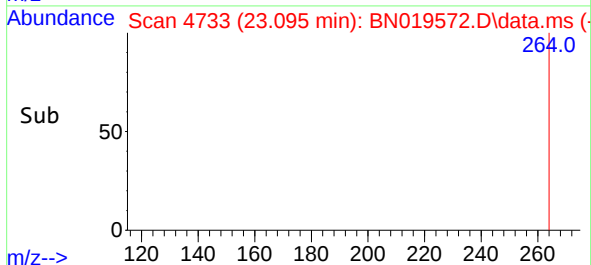
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

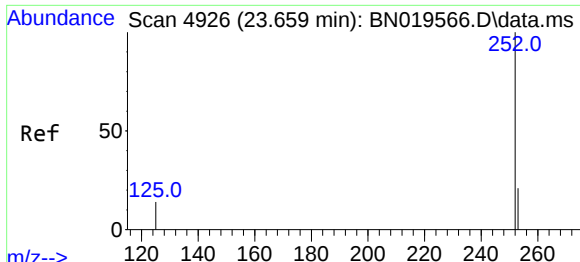


#25
Benzo(k)fluoranthene
Concen: 1.370 ng/ul m
RT: 23.095 min Scan# 4733
Delta R.T. -0.006 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50



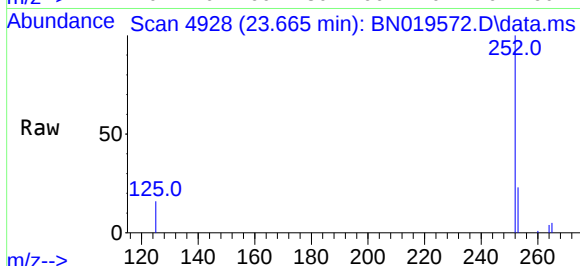
Tgt Ion:252 Resp: 71643
Ion Ratio Lower Upper
252 100
253 23.8 20.2 30.2
125 20.6 11.0 16.6





#26
Benzo(a)pyrene
Concen: 2.625 ng/ul
RT: 23.665 min Scan# 4928
Delta R.T. 0.003 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50

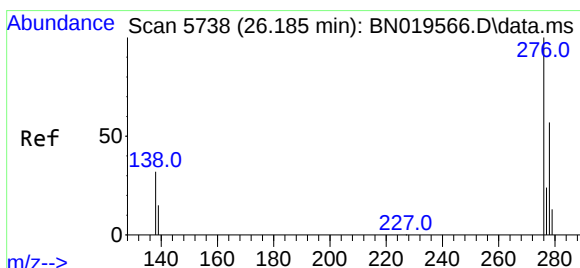
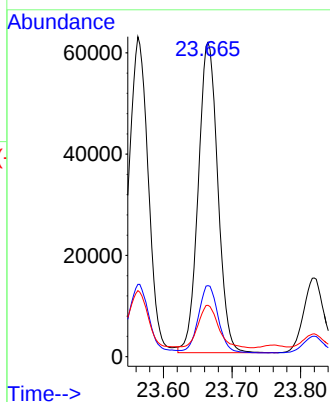
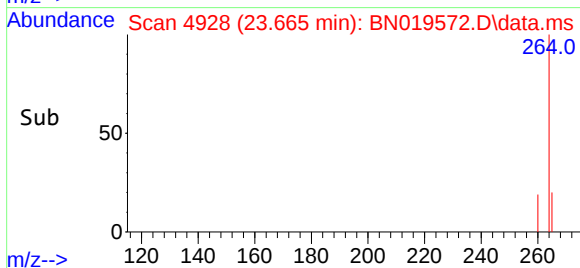
Instrument :
BNA_N
ClientSampleId :
BFFF8



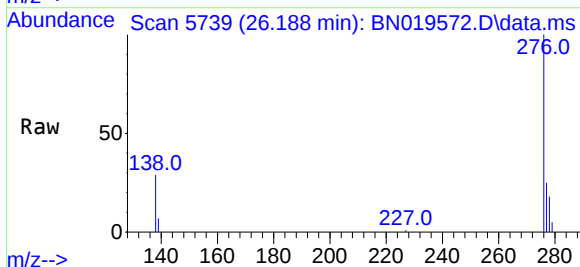
Tgt Ion:252 Resp: 121380
Ion Ratio Lower Upper
252 100
253 22.6 23.4 35.0
125 16.4 28.3 42.5

Manual Integrations
APPROVED

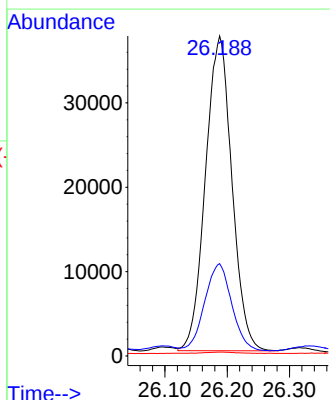
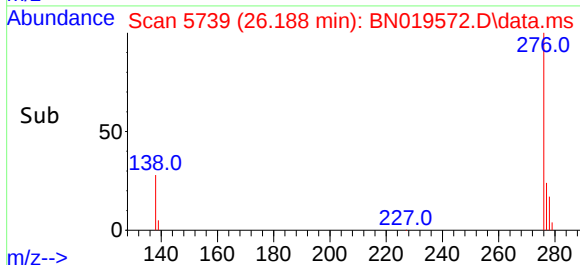
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

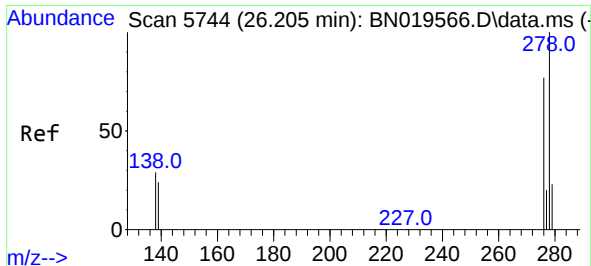


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.908 ng/ul
RT: 26.188 min Scan# 5739
Delta R.T. 0.003 min
Lab File: BN019572.D
Acq: 28 Apr 2022 18:50



Tgt Ion:276 Resp: 110076
Ion Ratio Lower Upper
276 100
138 28.4 23.6 35.4
227 0.5 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.501 ng/ul

RT: 26.198 min Scan# 51

Delta R.T. -0.004 min

Lab File: BN019572.D

Acq: 28 Apr 2022 18:50

Instrument :

BNA_N

ClientSampleId :

BFFF8

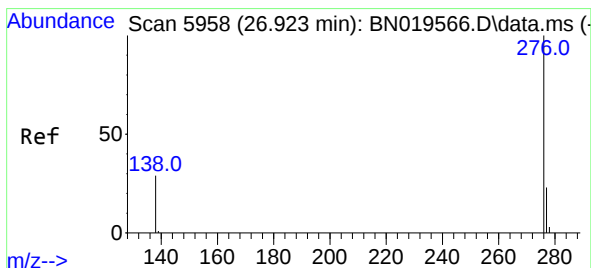
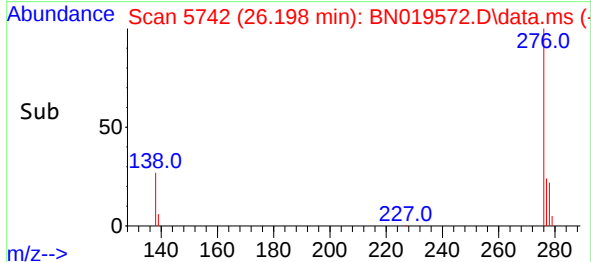
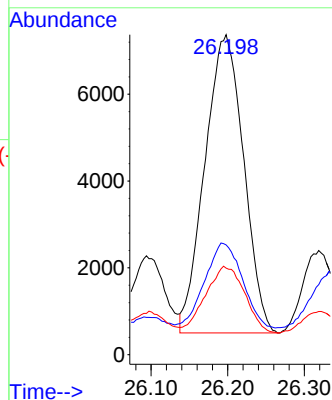
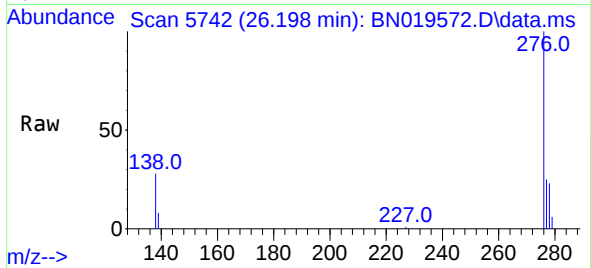
Tgt Ion:278 Resp: 2415

Ion	Ratio	Lower	Upper
278	100		
139	34.3	18.6	28.0
279	27.1	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: 1.902 ng/ul

RT: 26.929 min Scan# 5960

Delta R.T. 0.006 min

Lab File: BN019572.D

Acq: 28 Apr 2022 18:50

Tgt Ion:276 Resp: 100315

Ion	Ratio	Lower	Upper
276	100		
138	29.0	20.9	31.3
277	24.3	20.4	30.6

