

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030165.D
 Acq On : 29 Feb 2024 13:02
 Operator : MA/JU
 Sample : P1494-16MSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH3W6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :Sohil Jodhani 03/05/2024

Quant Time: Mar 05 06:41:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 06:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	3952m	0.400	ng/ul	0.16
4) Naphthalene-d8	10.836	136	11033	0.400	ng/ul	0.17
9) Acenaphthene-d10	14.658	164	5266m	0.400	ng/ul	0.15
13) Phenanthrene-d10	17.401	188	9484m	0.400	ng/ul	0.13
17) Chrysene-d12	21.584	240	6766m	0.400	ng/ul	0.12
23) Perylene-d12	24.048	264	6150m	0.400	ng/ul	0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.391	96	1637	0.332	ng/ul	0.07
6) 2-Methylnaphthalene-d10	12.425	152	4341	0.309	ng/ul	0.17
18) Fluoranthene-d10	19.423	212	12284m	0.552	ng/ul	0.12
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.424	88	4551	0.848	ng/ul	92
5) Naphthalene	10.885	128	12641	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.502	142	4957	0.278	ng/ul	98
8) 1-Methylnaphthalene	12.717	142	5294	0.292	ng/ul	99
10) Acenaphthylene	14.380	152	9521m	0.371	ng/ul	
11) Acenaphthene	14.718	153	8003m	0.410	ng/ul	
12) Fluorene	15.708	166	8283m	0.406	ng/ul	
14) Pentachlorophenol	17.051	266	2219m	1.049	ng/ul	
15) Phenanthrene	17.444	178	12643m	0.427	ng/ul	
16) Anthracene	17.536	178	11653m	0.468	ng/ul	
19) Fluoranthene	19.451	202	15289m	0.492	ng/ul	
20) Pyrene	19.813	202	15094	0.474	ng/ul	99
21) Benzo(a)anthracene	21.569	228	10702	0.439	ng/ul	99
22) Chrysene	21.622	228	14124m	0.529	ng/ul	
24) Benzo(b)fluoranthene	23.288	252	10974	0.474	ng/ul	99
25) Benzo(k)fluoranthene	23.343	252	12647m	0.493	ng/ul	
26) Benzo(a)pyrene	23.940	252	10096m	0.464	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.664	276	12661m	0.480	ng/ul	
28) Dibenzo(a,h)anthracene	26.708	278	10010m	0.483	ng/ul	
29) Benzo(g,h,i)perylene	27.466	276	11404m	0.476	ng/ul	

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

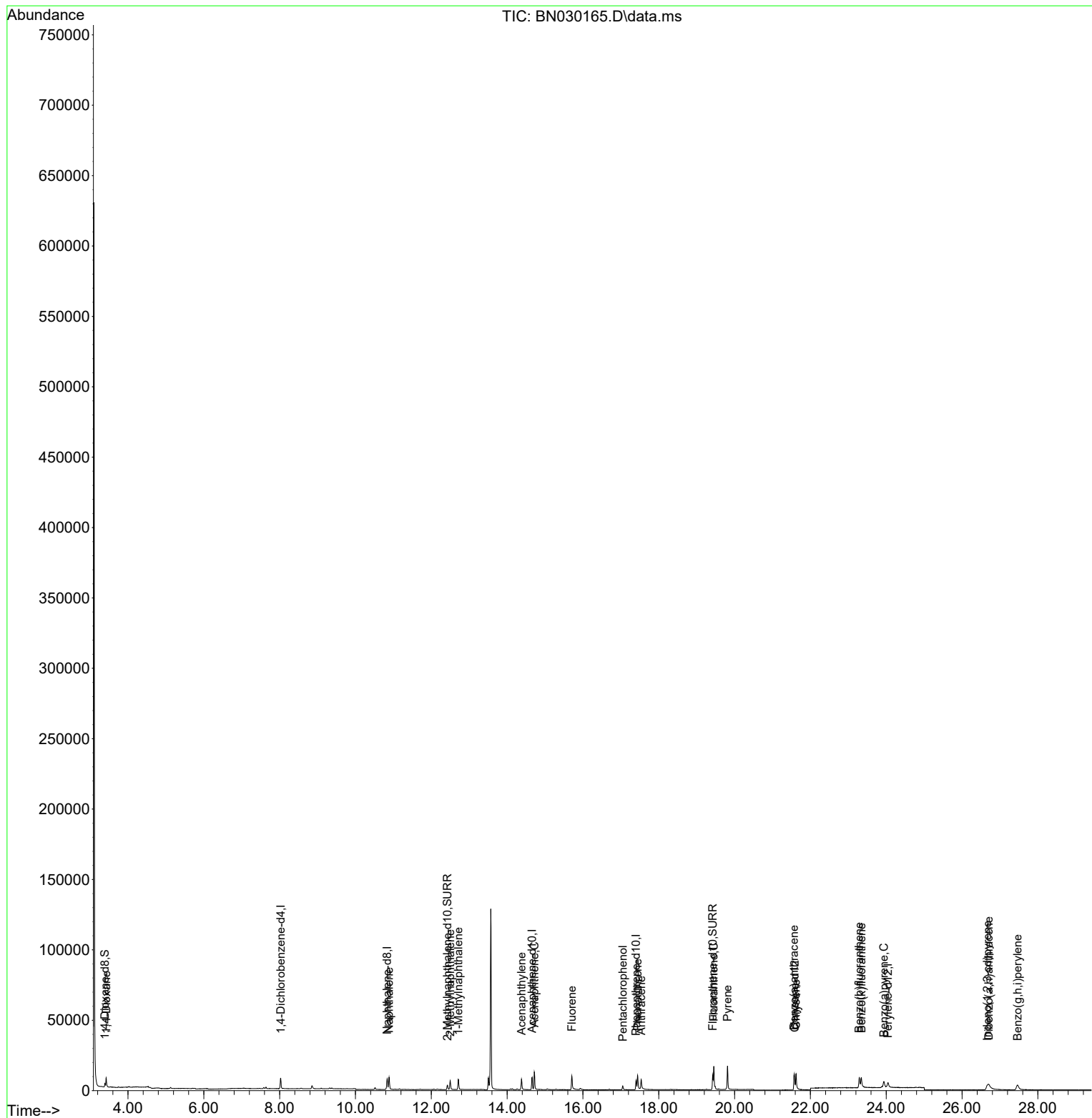
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030165.D
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ALS Vial : 72 Sample Multiplier: 1

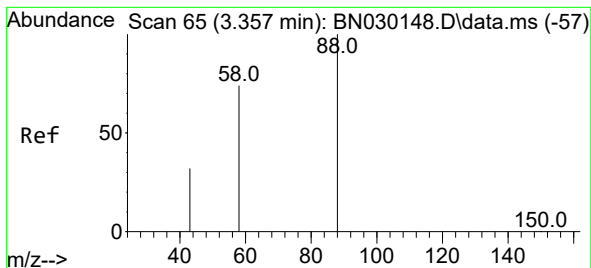
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD

Manual Integrations
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Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024

Quant Time: Mar 05 06:41:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 06:23:08 2024
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.848 ng/ul

RT: 3.424 min Scan# 81

Delta R.T. 0.067 min

Lab File: BN030165.D

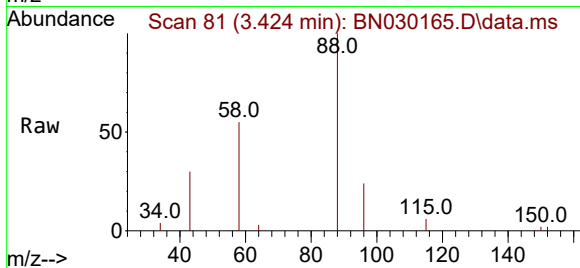
Acq: 29 Feb 2024 13:02

Instrument :

BNA_N

ClientSampleId :

BH3W6MSD



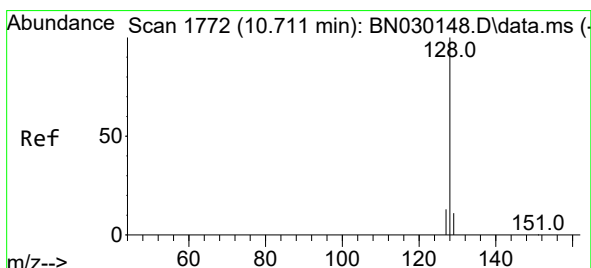
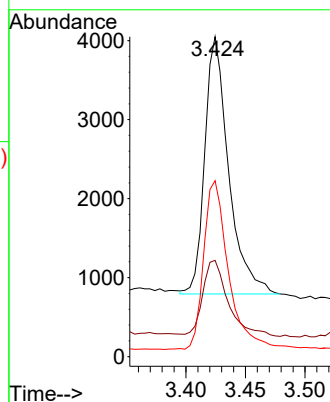
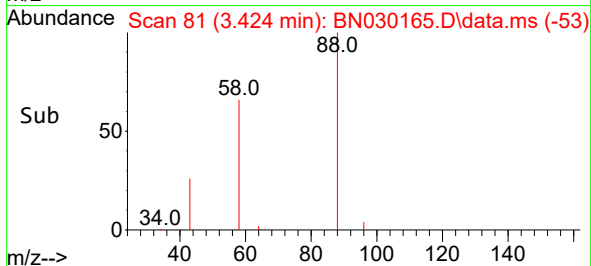
Tgt Ion: 88	Resp: 455
Ion Ratio	Lower Upper
88	100
43	30.1 21.8 32.6
58	55.0 39.3 58.9

Manual Integrations

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Reviewed By :Yogesh Patel 03/05/2024

Supervised By :Sohil Jodhani 03/05/2024



#5

Naphthalene

Concen: 0.407 ng/ul

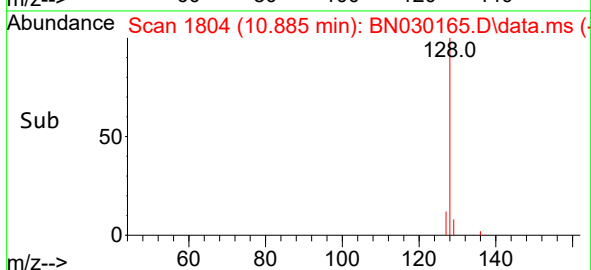
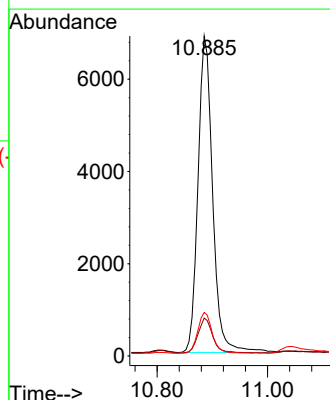
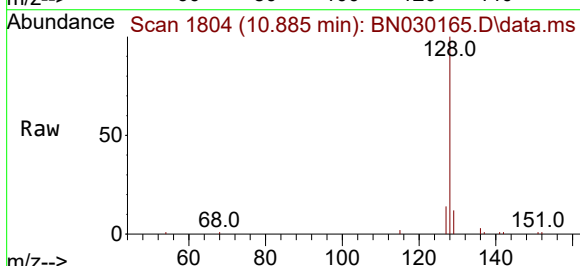
RT: 10.885 min Scan# 1804

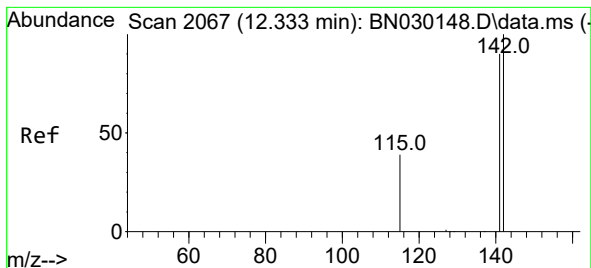
Delta R.T. 0.175 min

Lab File: BN030165.D

Acq: 29 Feb 2024 13:02

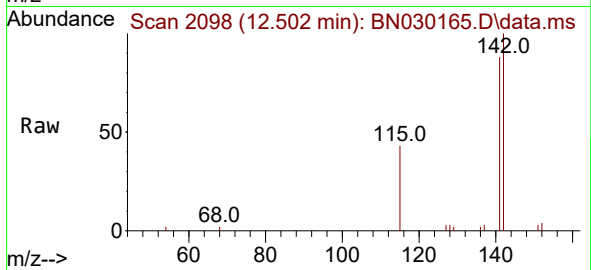
Tgt Ion:128	Resp: 12641
Ion Ratio	Lower Upper
128	100
129	11.9 9.1 13.7
127	13.6 11.0 16.6





#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.502 min Scan# 2067
Delta R.T. 0.169 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

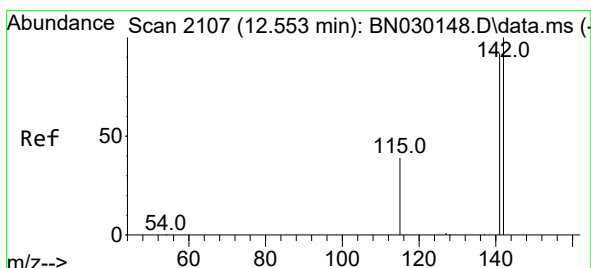
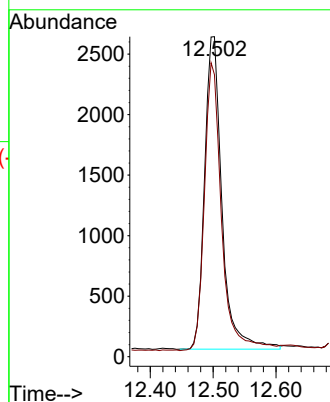
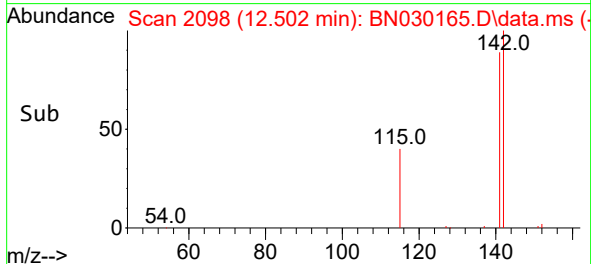
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



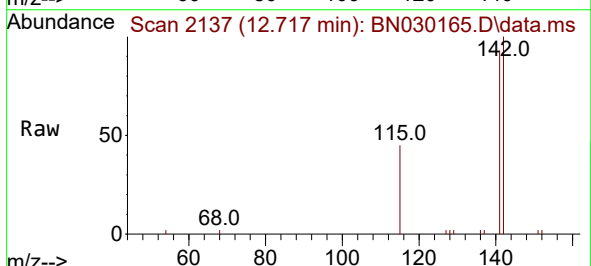
Tgt Ion:142 Resp: 495
Ion Ratio Lower Upper
142 100
141 91.2 71.5 107.3

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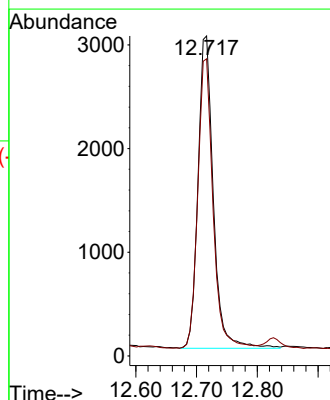
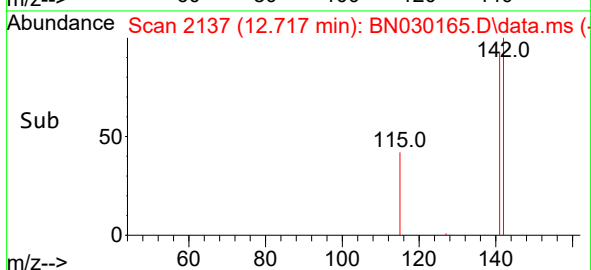
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024

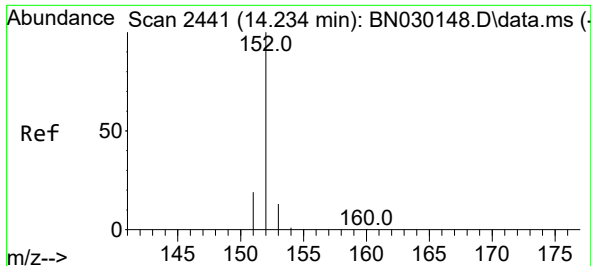


#8
1-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.717 min Scan# 2137
Delta R.T. 0.164 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02



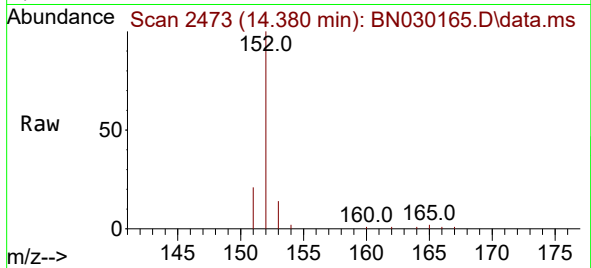
Tgt Ion:142 Resp: 5294
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9





#10
Acenaphthylene
Concen: 0.371 ng/ul m
RT: 14.380 min Scan# 2441
Delta R.T. 0.147 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

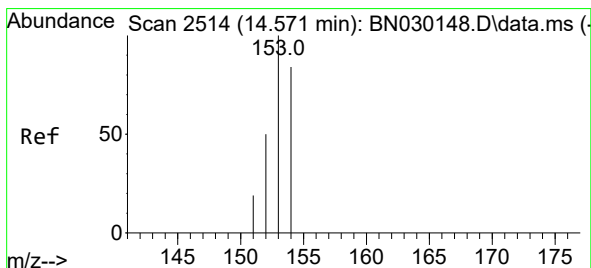
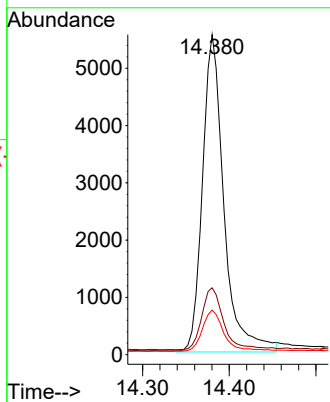
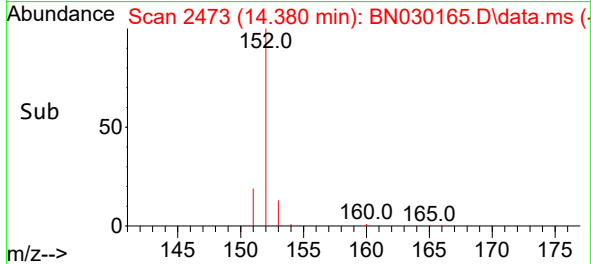
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



Tgt Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 13.9 10.9 16.3

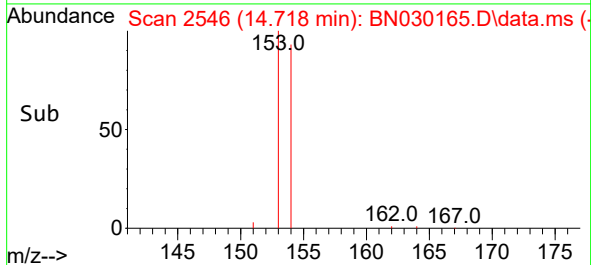
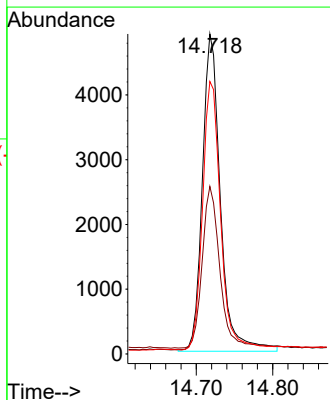
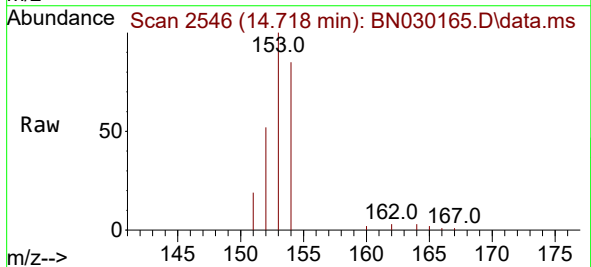
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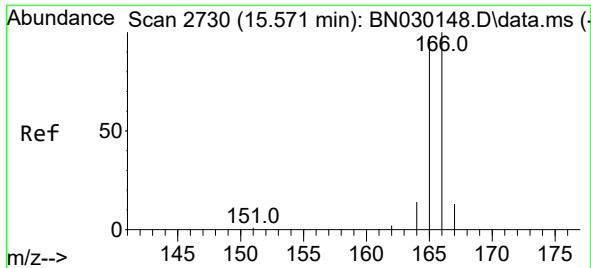
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024



#11
Acenaphthene
Concen: 0.410 ng/ul m
RT: 14.718 min Scan# 2546
Delta R.T. 0.147 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

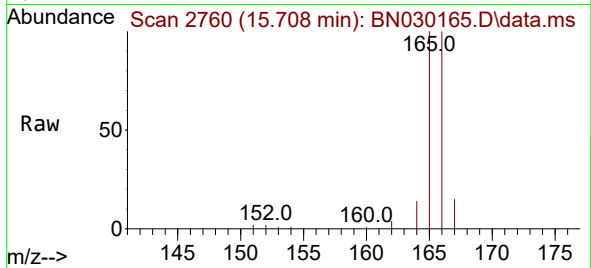
Tgt Ion:153 Resp: 8003
Ion Ratio Lower Upper
153 100
152 52.4 41.5 62.3
154 85.1 70.9 106.3





#12
Fluorene
Concen: 0.406 ng/ul m
RT: 15.708 min Scan# 2730
Delta R.T. 0.137 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

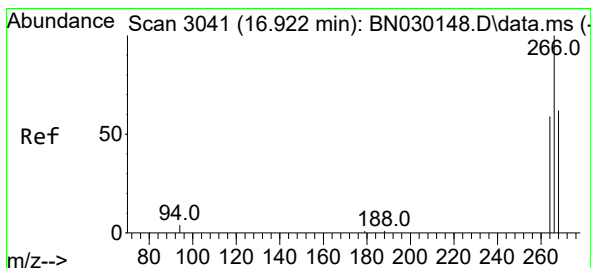
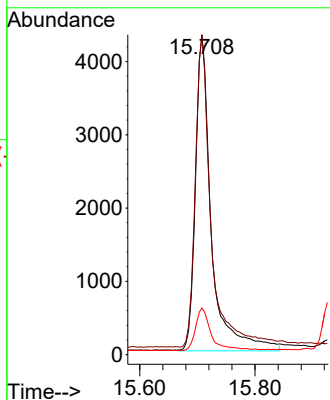
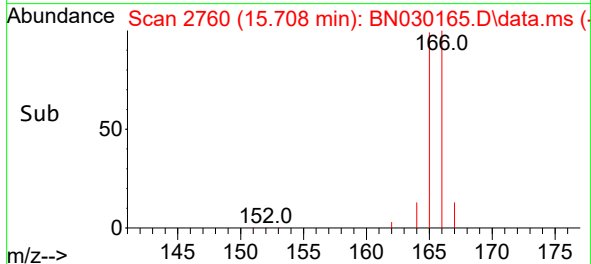
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



Tgt Ion:166 Resp: 828
Ion Ratio Lower Upper
166 100
165 100.3 78.6 117.8
167 14.6 11.5 17.3

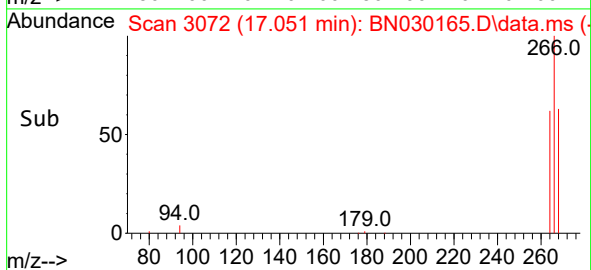
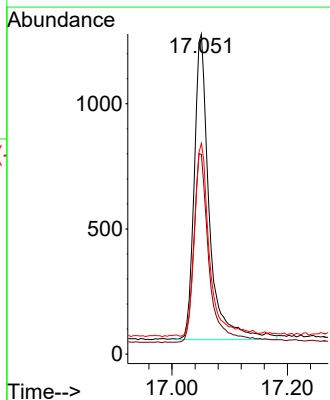
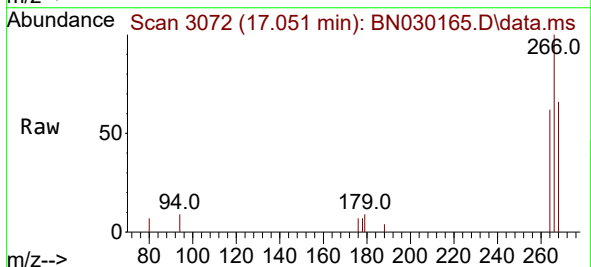
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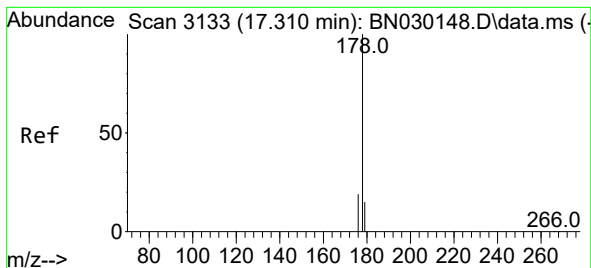
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024



#14
Pentachlorophenol
Concen: 1.049 ng/ul m
RT: 17.051 min Scan# 3072
Delta R.T. 0.129 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

Tgt Ion:266 Resp: 2219
Ion Ratio Lower Upper
266 100
264 0.0 0.0 0.0#
268 0.1 0.2 0.2#





#15

Phenanthrene

Concen: 0.427 ng/ul m

RT: 17.444 min Scan# 3165

Delta R.T. 0.134 min

Lab File: BN030165.D

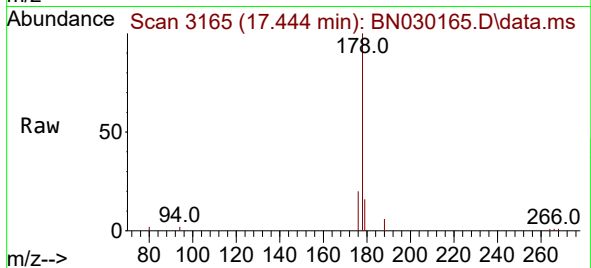
Acq: 29 Feb 2024 13:02

Instrument :

BNA_N

ClientSampleId :

BH3W6MSD



Tgt Ion:178 Resp: 1264

Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

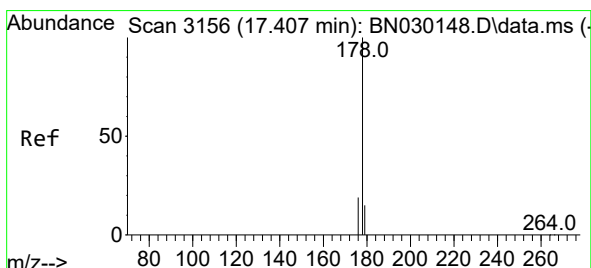
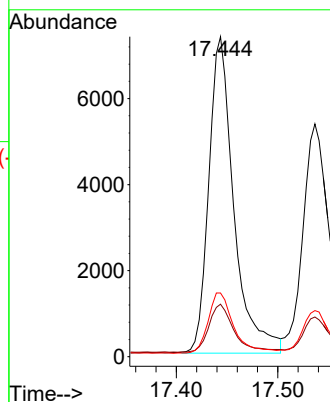
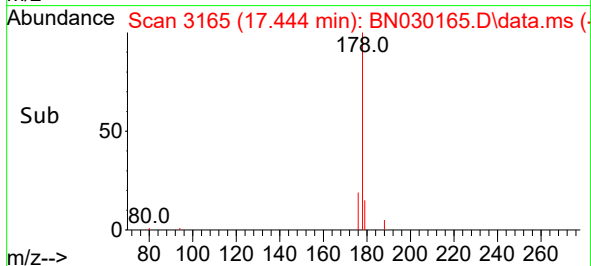
176 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/05/2024

Supervised By :Sohil Jodhani 03/05/2024



#16

Anthracene

Concen: 0.468 ng/ul m

RT: 17.536 min Scan# 3187

Delta R.T. 0.129 min

Lab File: BN030165.D

Acq: 29 Feb 2024 13:02

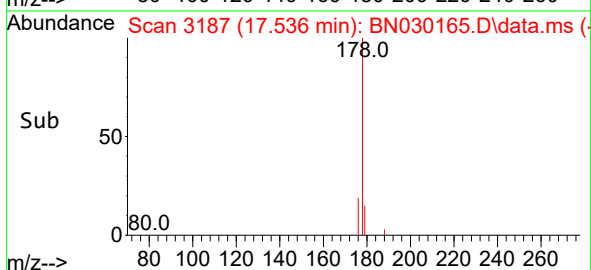
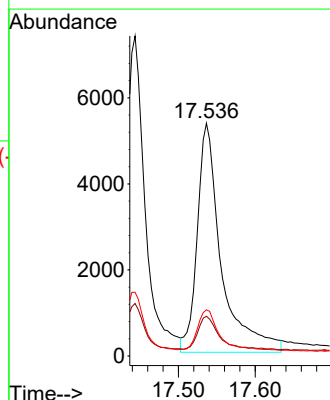
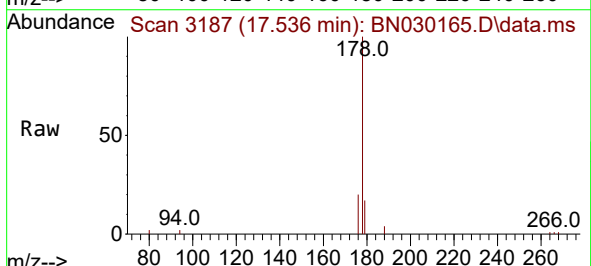
Tgt Ion:178 Resp: 11653

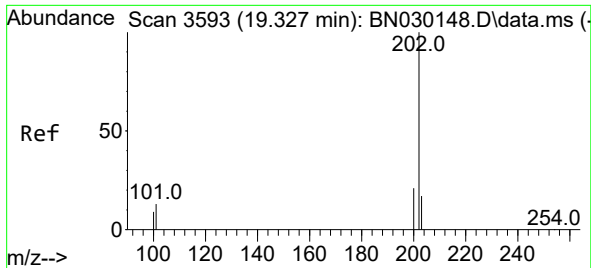
Ion Ratio Lower Upper

178 100

179 17.0 12.9 19.3

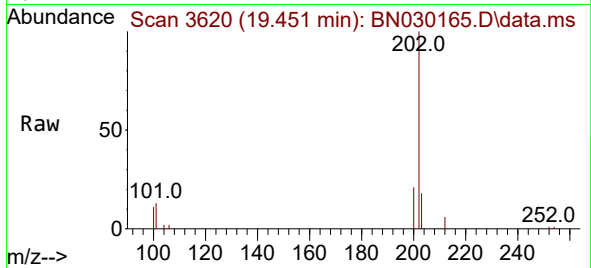
176 19.8 15.8 23.8





#19
Fluoranthene
Concen: 0.492 ng/ul m
RT: 19.451 min Scan# 3620
Delta R.T. 0.124 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

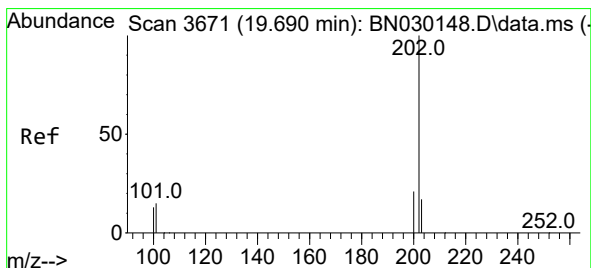
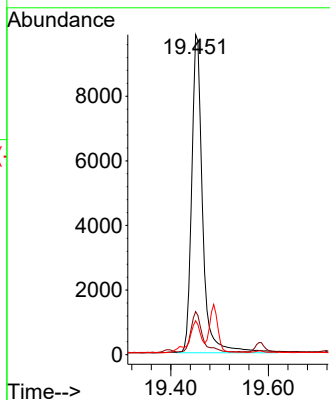
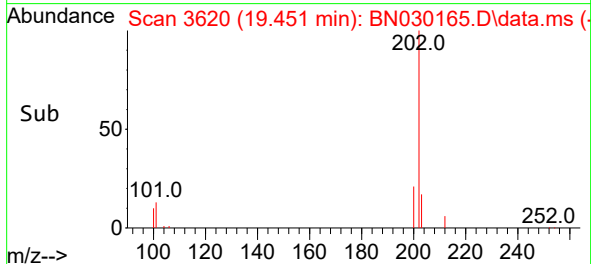
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



Tgt Ion:202 Resp: 15289
Ion Ratio Lower Upper
202 100
101 13.5 10.4 15.6
100 10.6 8.5 12.7

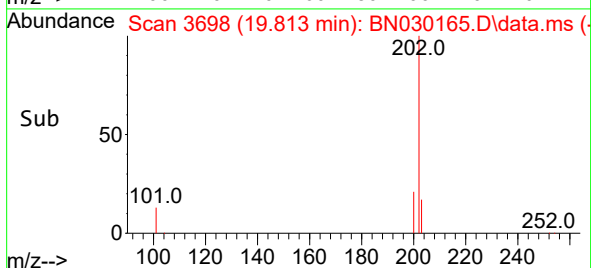
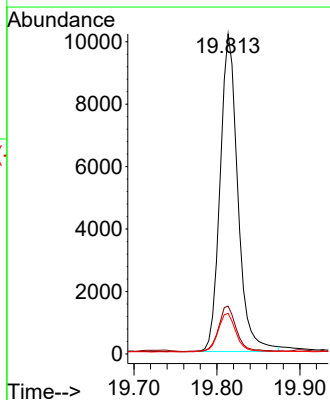
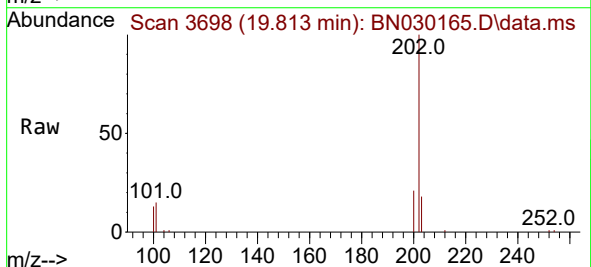
Manual Integrations
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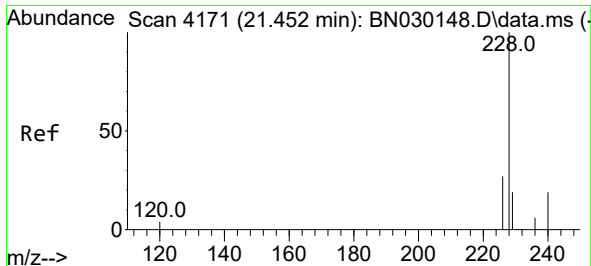
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024



#20
Pyrene
Concen: 0.474 ng/ul
RT: 19.813 min Scan# 3698
Delta R.T. 0.124 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

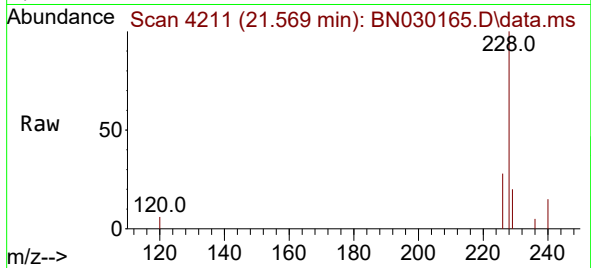
Tgt Ion:202 Resp: 15094
Ion Ratio Lower Upper
202 100
101 15.0 12.5 18.7
100 12.7 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.569 min Scan# 4171
Delta R.T. 0.117 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

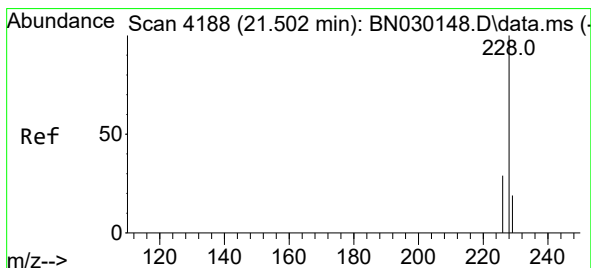
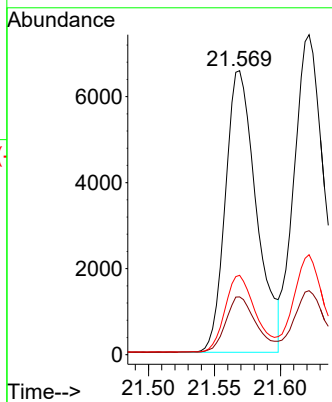
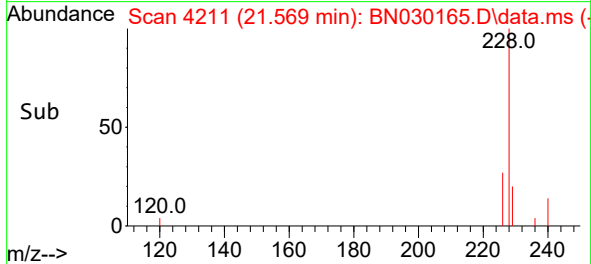
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



Tgt Ion:228 Resp: 1070
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.9 22.2 33.4

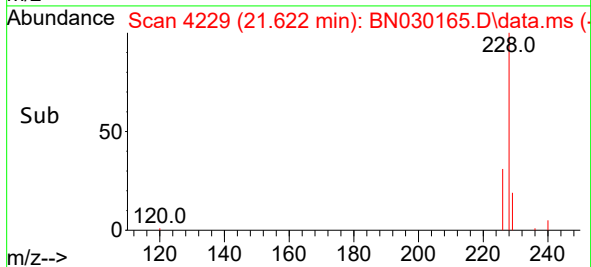
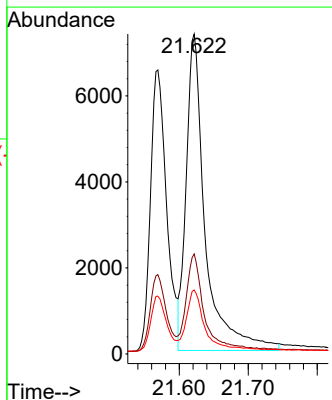
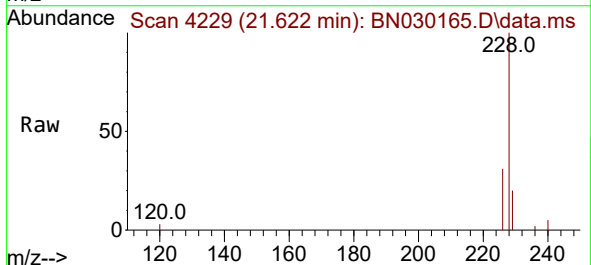
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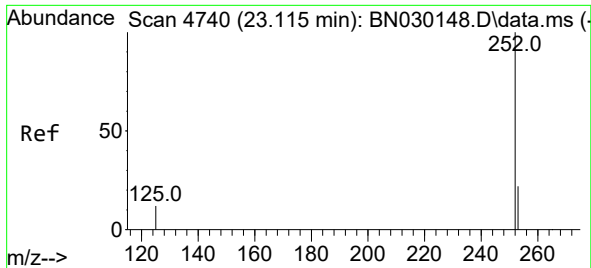
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024



#22
Chrysene
Concen: 0.529 ng/ul m
RT: 21.622 min Scan# 4229
Delta R.T. 0.120 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

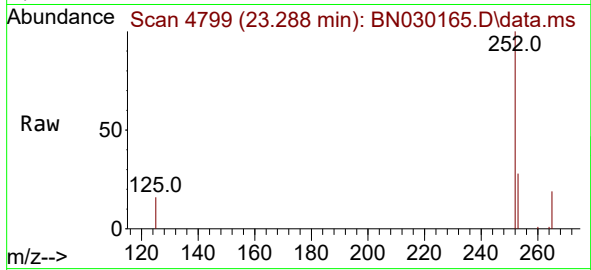
Tgt Ion:228 Resp: 14124
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 20.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.474 ng/ul
RT: 23.288 min Scan# 41
Delta R.T. 0.172 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

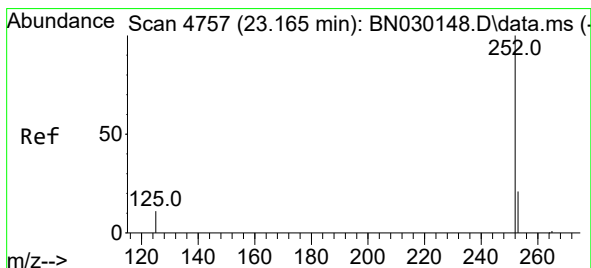
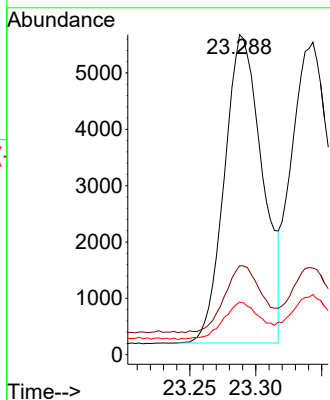
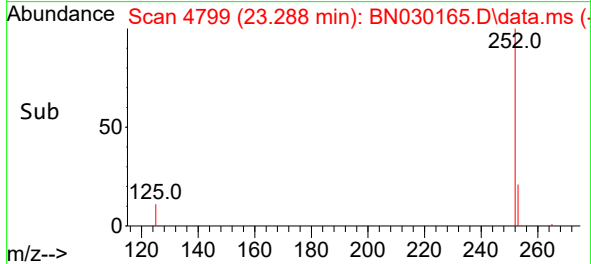
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



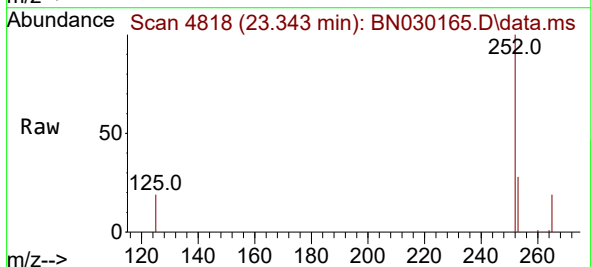
Tgt Ion:252 Resp: 10974
Ion Ratio Lower Upper
252 100
253 27.8 0.0 56.8
125 16.5 0.0 32.4

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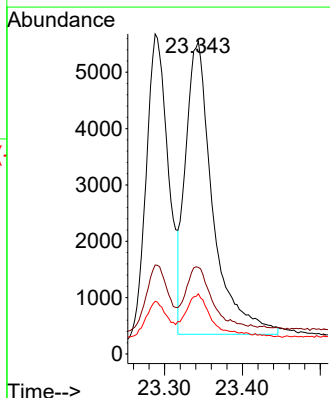
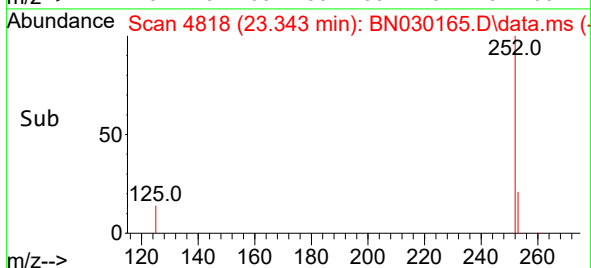
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024

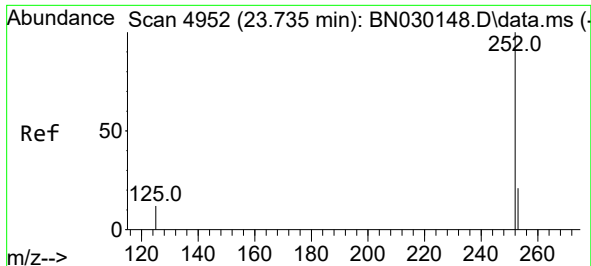


#25
Benzo(k)fluoranthene
Concen: 0.493 ng/ul m
RT: 23.343 min Scan# 4818
Delta R.T. 0.178 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02



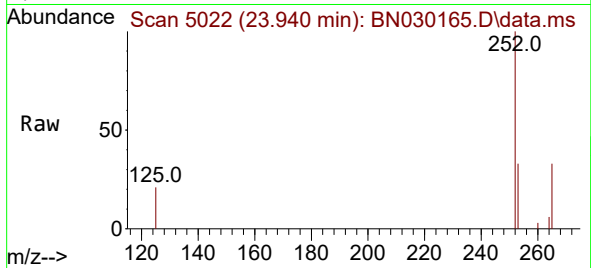
Tgt Ion:252 Resp: 12647
Ion Ratio Lower Upper
252 100
253 27.7 22.6 33.8
125 19.3 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.464 ng/ul m
RT: 23.940 min Scan# 5090
Delta R.T. 0.204 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

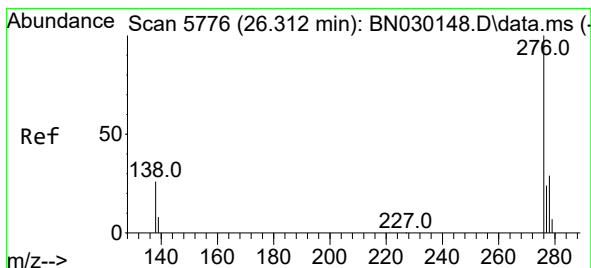
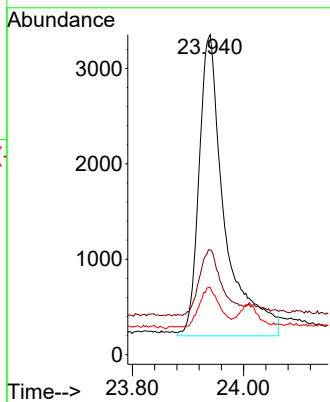
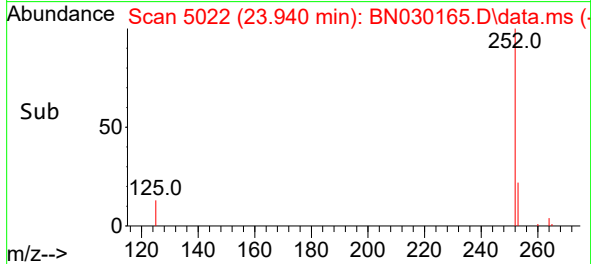
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



Tgt Ion:252 Resp: 10090
Ion Ratio Lower Upper
252 100
253 32.8 25.4 38.0
125 21.0 16.0 24.0

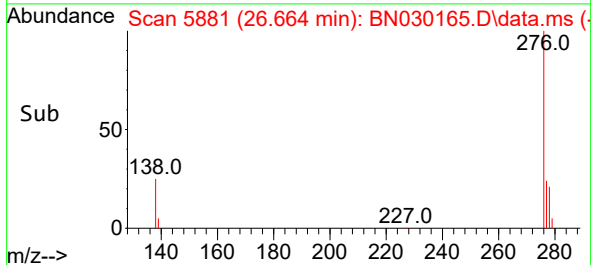
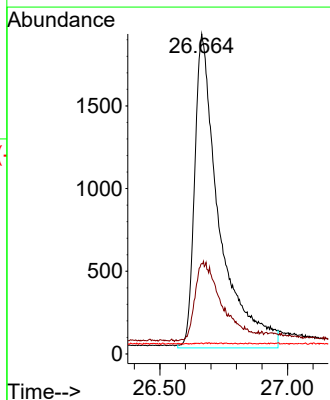
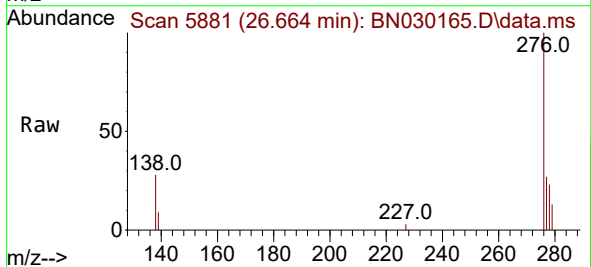
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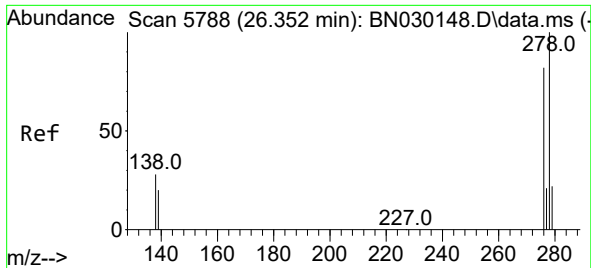
Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.480 ng/ul m
RT: 26.664 min Scan# 5881
Delta R.T. 0.352 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

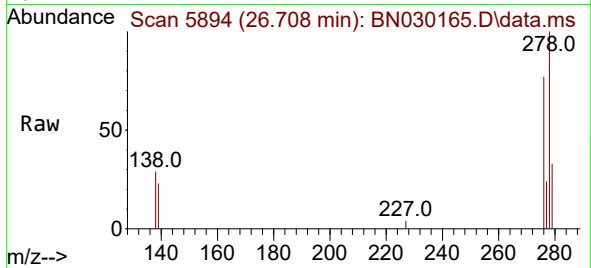
Tgt Ion:276 Resp: 12661
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.483 ng/ul m
RT: 26.708 min Scan# 51
Delta R.T. 0.355 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02

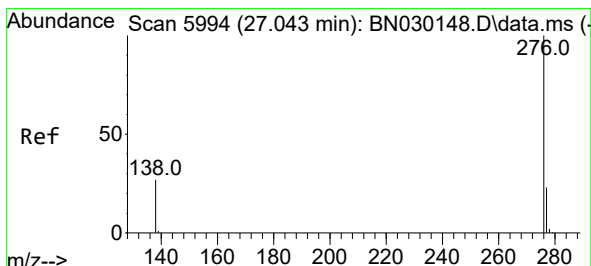
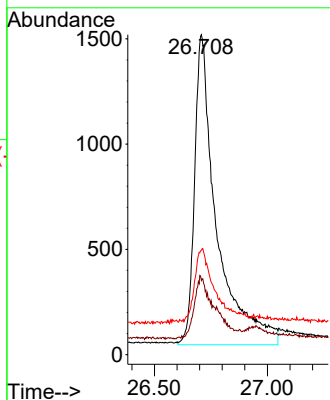
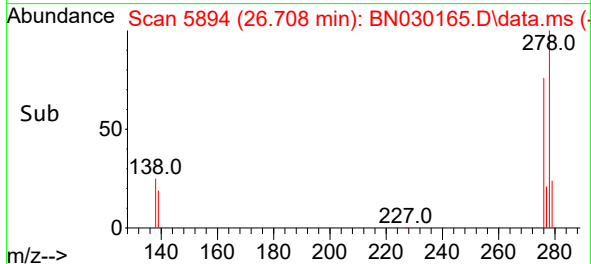
Instrument :
BNA_N
ClientSampleId :
BH3W6MSD



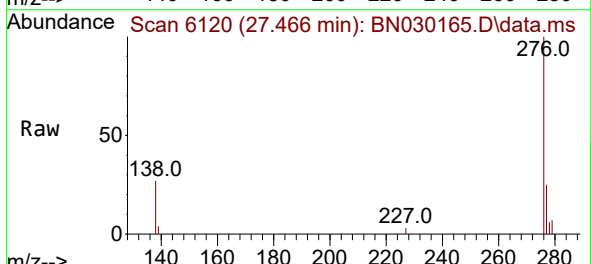
Tgt Ion:278 Resp: 10010
Ion Ratio Lower Upper
278 100
139 23.2 19.0 28.4
279 32.6 22.6 34.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2024
Supervised By :Sohil Jodhani 03/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.476 ng/ul m
RT: 27.466 min Scan# 6120
Delta R.T. 0.422 min
Lab File: BN030165.D
Acq: 29 Feb 2024 13:02



Tgt Ion:276 Resp: 11404
Ion Ratio Lower Upper
276 100
138 27.3 24.6 37.0
277 24.9 19.7 29.5

