

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
 Data File : BN029596.D
 Acq On : 09 Feb 2024 02:47
 Operator : MA/JU
 Sample : P1303-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FJ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 03:43:23 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 : Wed Feb 07 02:17:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	5683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	15577	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.525	164	7089	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.276	188	13295	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	10037	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	12439	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	51048	7.204	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	9290	0.469	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	16140	0.489	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.733	128	1286	0.029	ng/ul#	80
7) 2-Methylnaphthalene	12.350	142	666	0.026	ng/ul	94
10) Acenaphthylene	14.247	152	936	0.027	ng/ul#	65
11) Acenaphthene	14.590	153	925	0.035	ng/ul	94
12) Fluorene	15.580	166	1060	0.039	ng/ul#	96
14) Pentachlorophenol	16.922	266	195	0.066	ng/ul#	52
15) Phenanthrene	17.318	178	21771	0.524	ng/ul	100
16) Anthracene	17.411	178	5613	0.161	ng/ul#	95
19) Fluoranthene	19.337	202	60847	1.320	ng/ul	99
20) Pyrene	19.704	202	53097m	1.124	ng/ul	
21) Benzo(a)anthracene	21.455	228	25795	0.713	ng/ul	99
22) Chrysene	21.508	228	27225	0.687	ng/ul	97
24) Benzo(b)fluoranthene	23.124	252	33620m	0.718	ng/ul	
25) Benzo(k)fluoranthene	23.168	252	15178m	0.292	ng/ul	
26) Benzo(a)pyrene	23.741	252	23755	0.540	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.289	276	16779	0.314	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.315	278	3824	0.091	ng/ul#	69
29) Benzo(g,h,i)perylene	27.040	276	14065	0.290	ng/ul	99

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

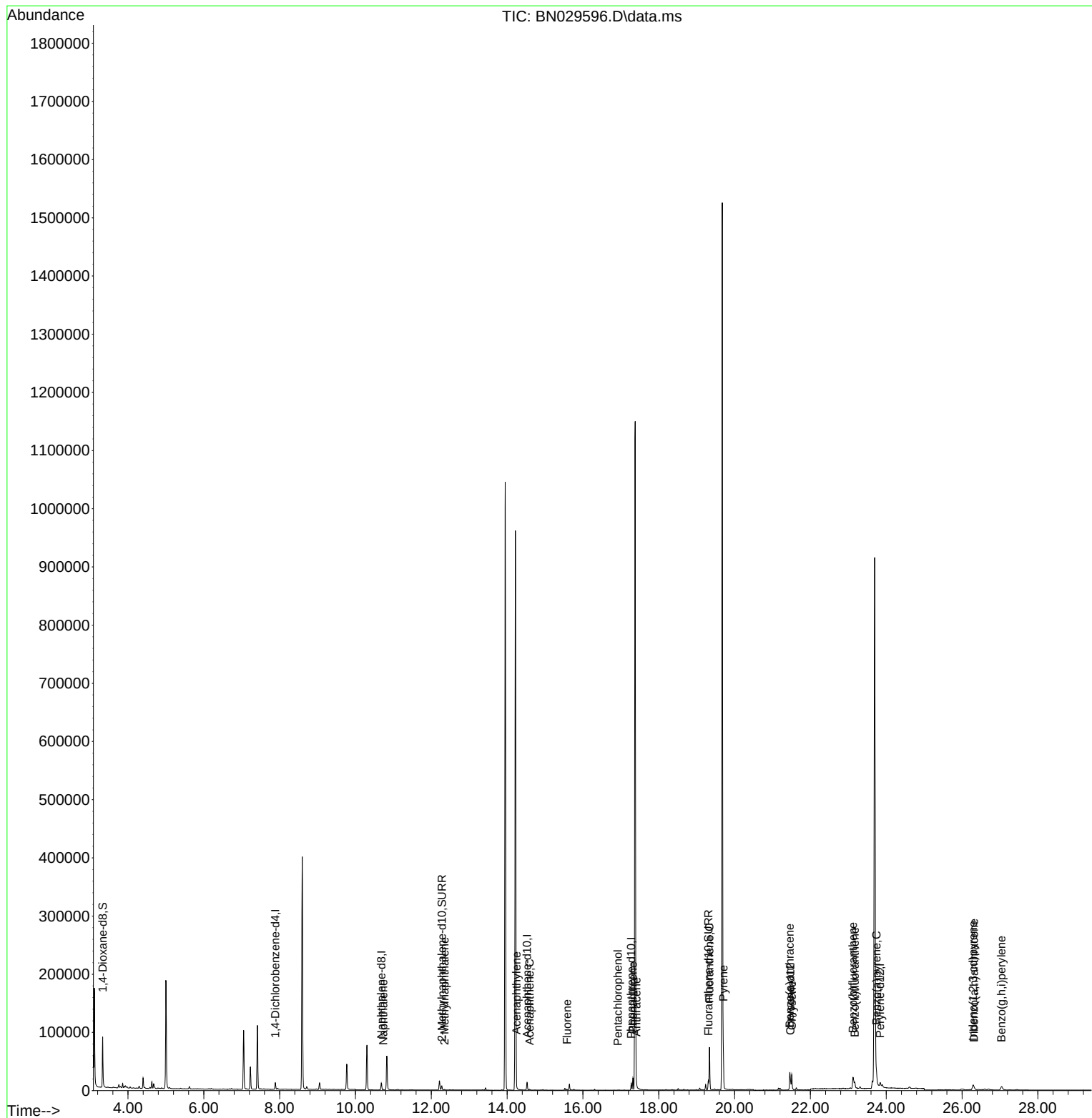
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
Data File : BN029596.D
Acq On : 09 Feb 2024 02:47
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ALS Vial : 24 Sample Multiplier: 1

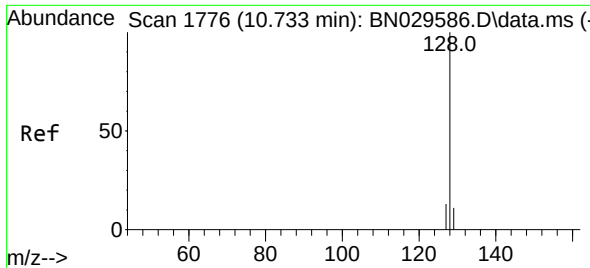
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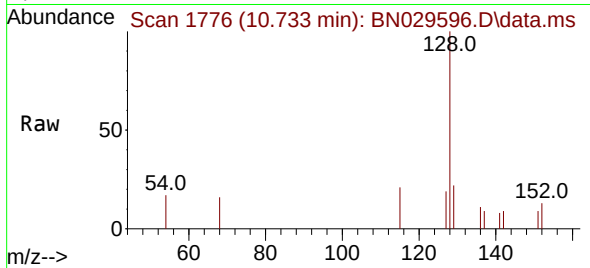
Quant Time: Feb 09 03:43:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 02:17:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.733 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

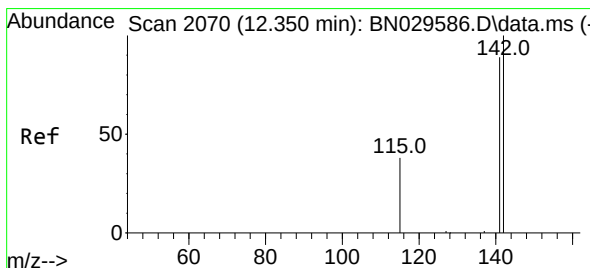
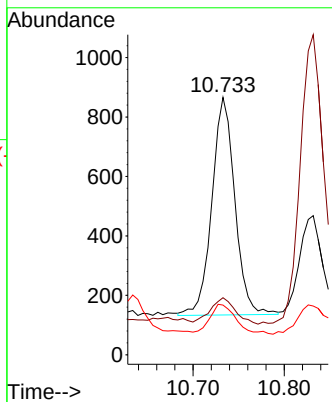
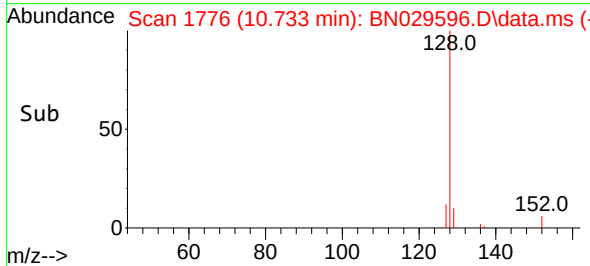
Instrument :
BNA_N
ClientSampleId :
C0FJ7



Tgt Ion:128 Resp: 1280
Ion Ratio Lower Upper
128 100
129 22.2 9.1 13.7
127 19.3 11.0 16.6

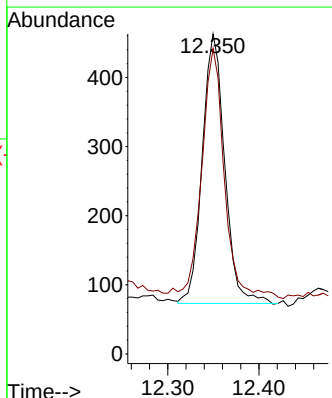
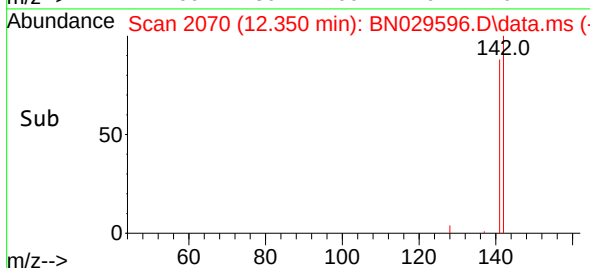
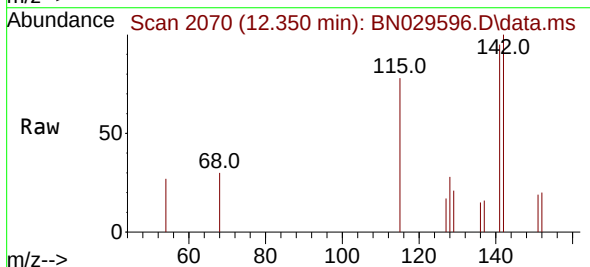
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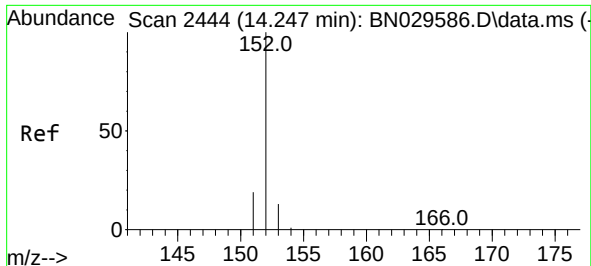
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.350 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

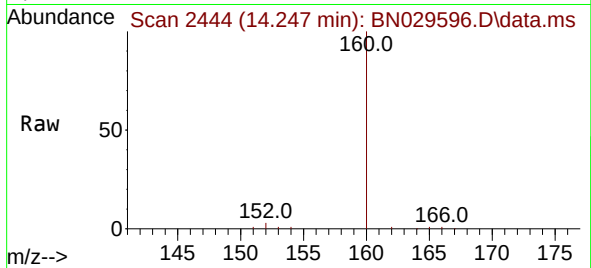
Tgt Ion:142 Resp: 666
Ion Ratio Lower Upper
142 100
141 94.7 71.5 107.3





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.247 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

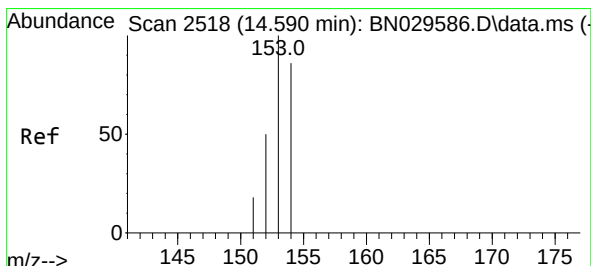
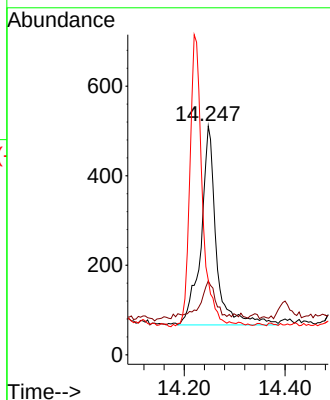
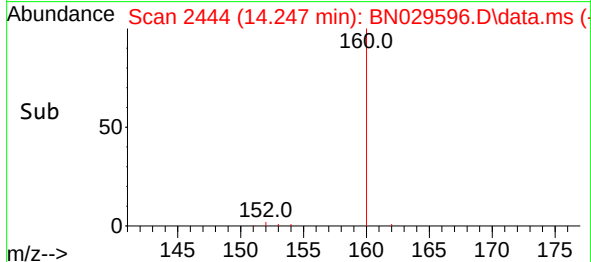
Instrument :
BNA_N
ClientSampleId :
C0FJ7



Tgt Ion:152 Resp: 930
Ion Ratio Lower Upper
152 100
151 32.3 15.8 23.8
153 32.7 10.9 16.3

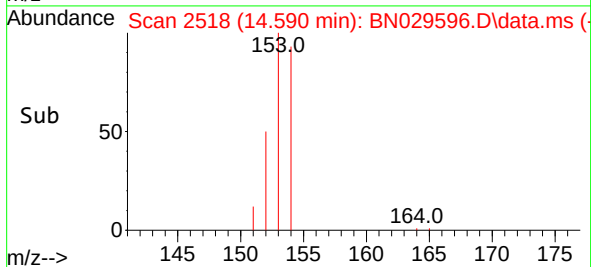
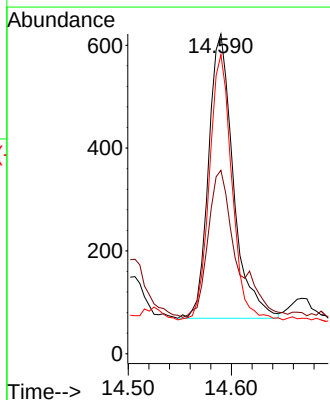
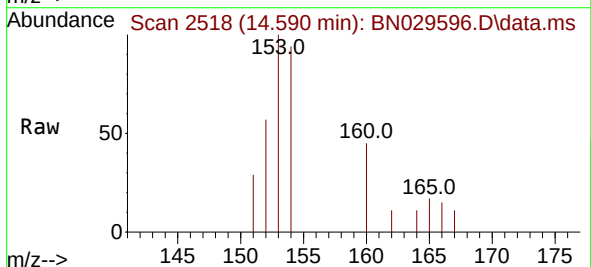
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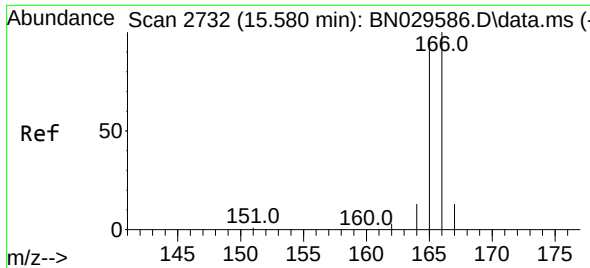
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.590 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

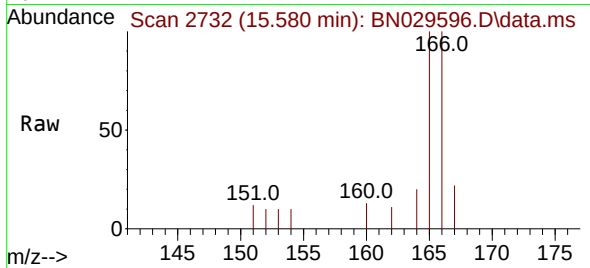
Tgt Ion:153 Resp: 925
Ion Ratio Lower Upper
153 100
152 57.4 41.5 62.3
154 93.6 70.9 106.3





#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.580 min Scan# 2732
Delta R.T. -0.004 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

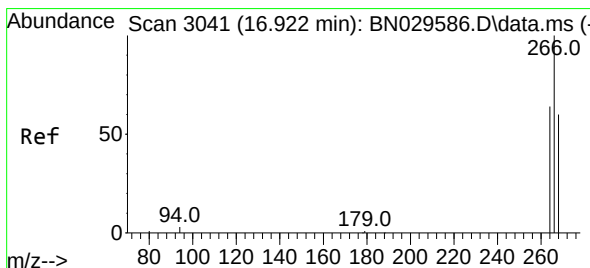
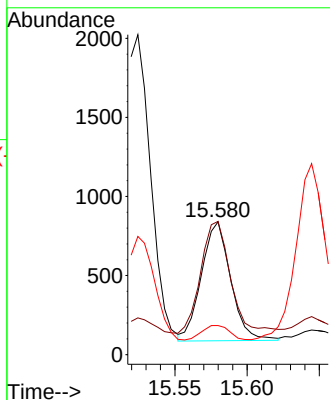
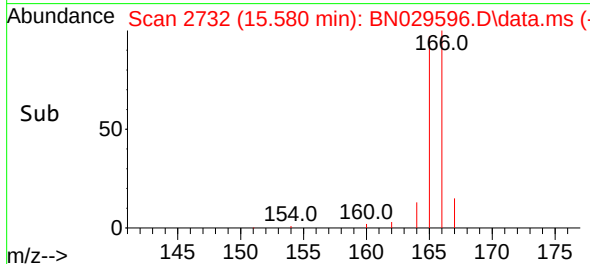
Instrument :
BNA_N
ClientSampleId :
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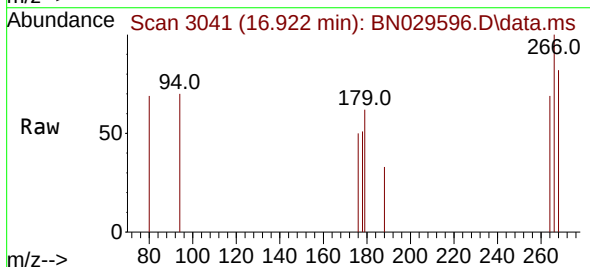
Tgt Ion:166 Resp: 1060
Ion Ratio Lower Upper
166 100
165 100.4 78.6 117.8
167 21.9 11.5 17.3

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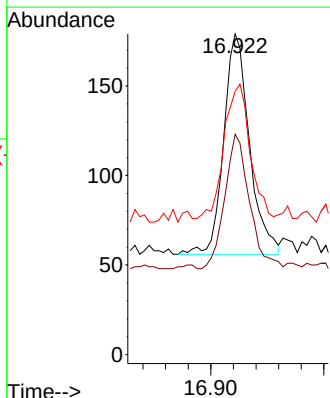
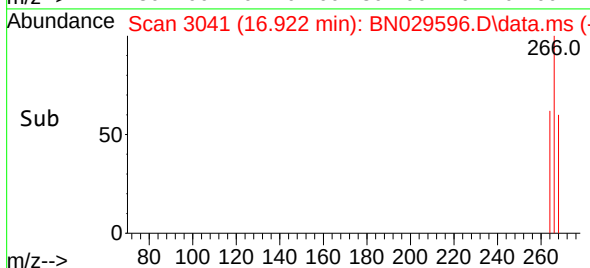
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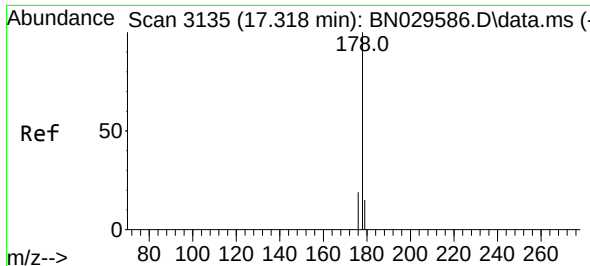


#14
Pentachlorophenol
Concen: 0.066 ng/ul
RT: 16.922 min Scan# 3041
Delta R.T. -0.008 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



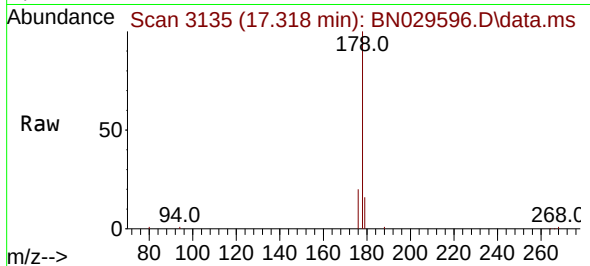
Tgt Ion:266 Resp: 195
Ion Ratio Lower Upper
266 100
264 57.9 0.0 0.0#
268 62.1 0.2 0.2#





#15
Phenanthrene
Concen: 0.524 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

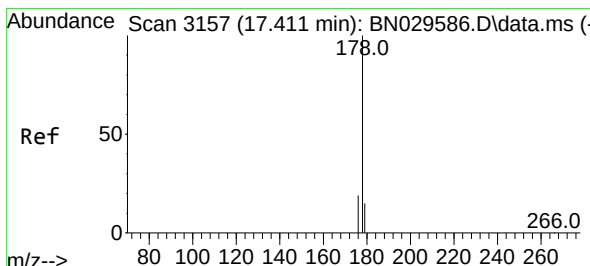
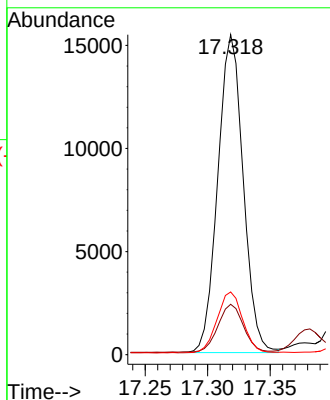
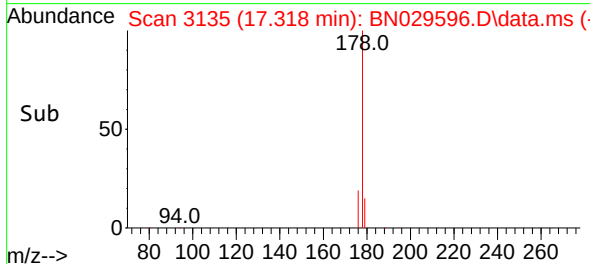
Instrument :
BNA_N
ClientSampleId :
C0FJ7



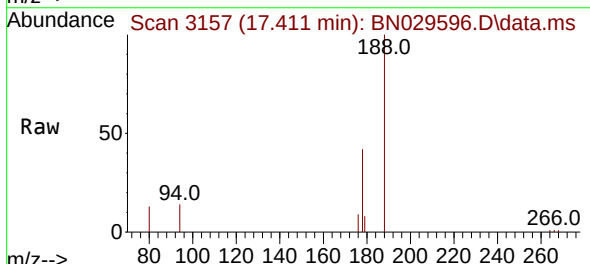
Tgt Ion:178 Resp: 2177
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.7 23.5

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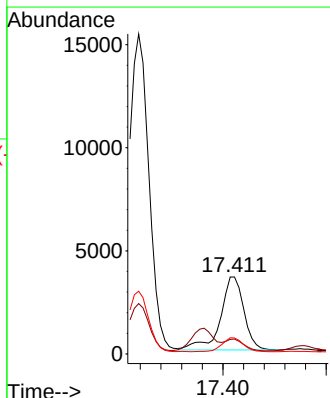
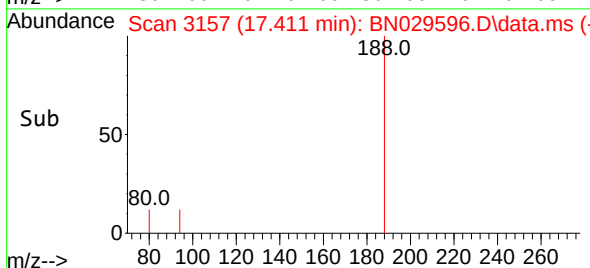
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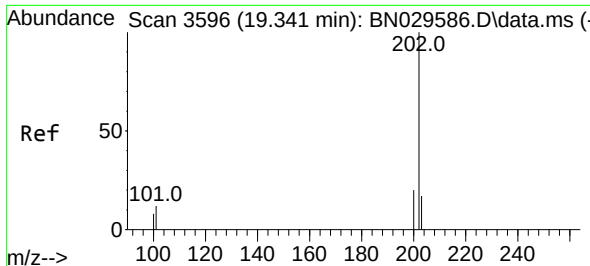


#16
Anthracene
Concen: 0.161 ng/ul
RT: 17.411 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



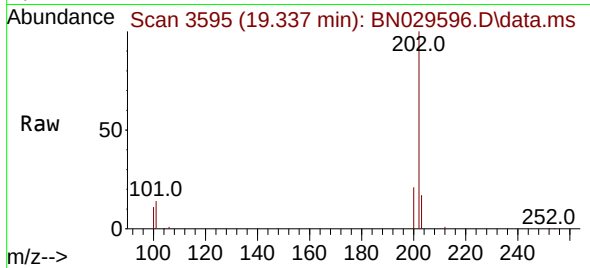
Tgt Ion:178 Resp: 5613
Ion Ratio Lower Upper
178 100
179 19.4 12.9 19.3#
176 20.7 15.8 23.8





#19
Fluoranthene
Concen: 1.320 ng/ul
RT: 19.337 min Scan# 3595
Delta R.T. -0.009 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

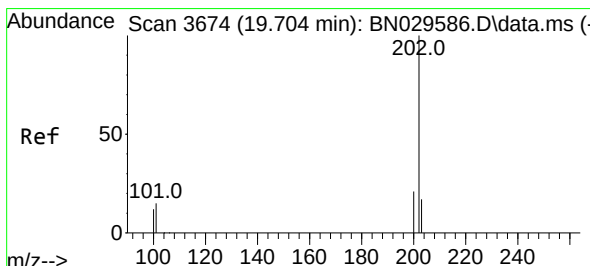
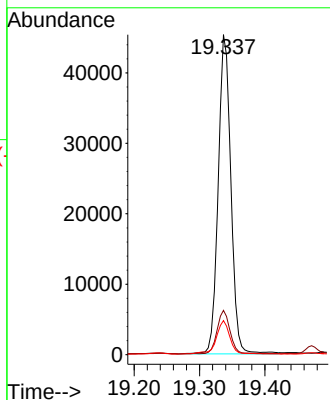
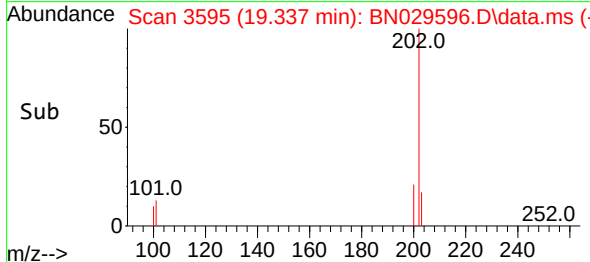
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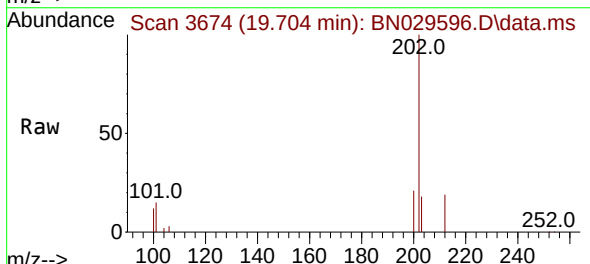
Tgt Ion:202 Resp: 6084
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 10.7 8.5 12.7

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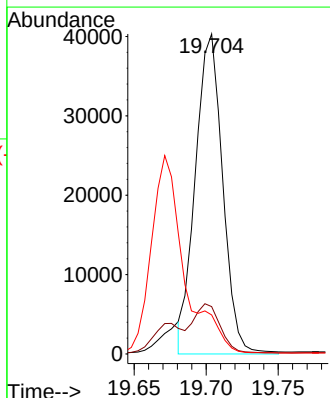
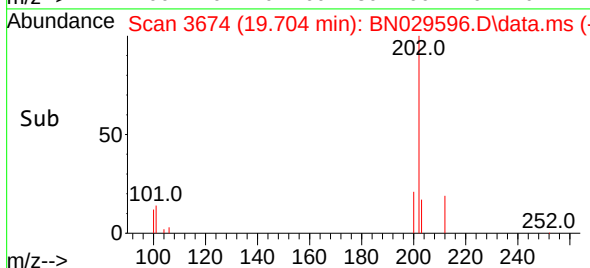
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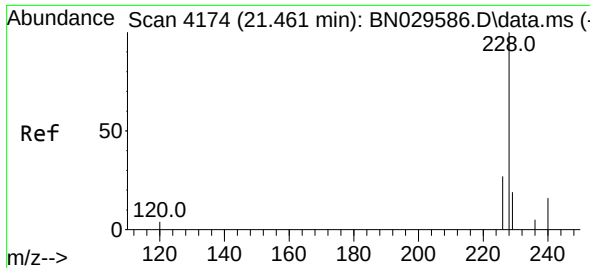


#20
Pyrene
Concen: 1.124 ng/ul m
RT: 19.704 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



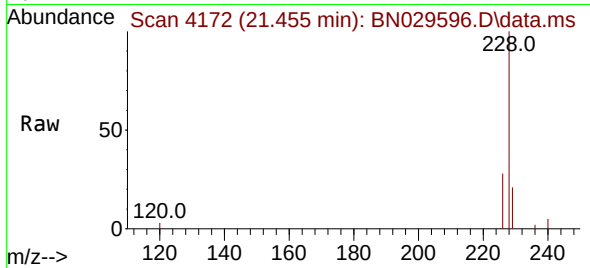
Tgt Ion:202 Resp: 53097
Ion Ratio Lower Upper
202 100
101 14.8 12.5 18.7
100 12.2 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.713 ng/ul
RT: 21.455 min Scan# 4174
Delta R.T. -0.011 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

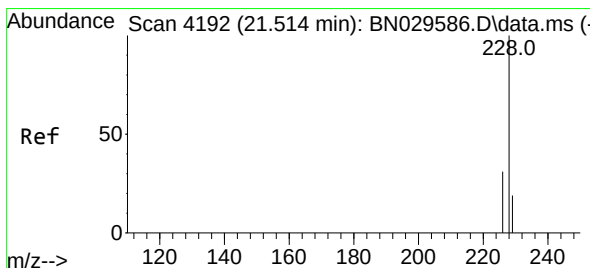
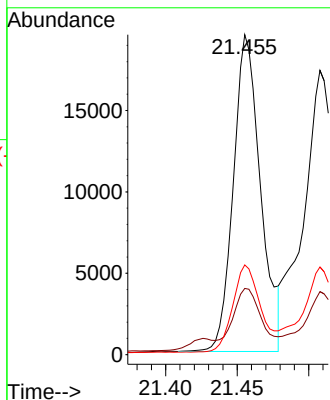
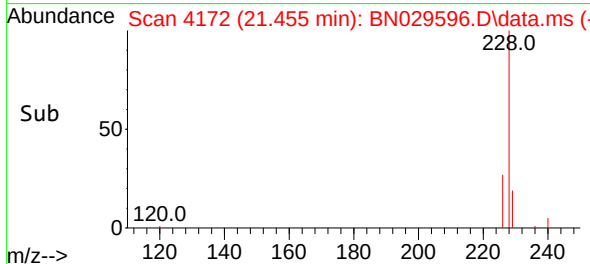
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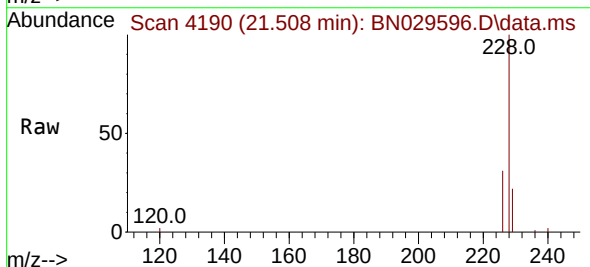
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Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.0 22.2 33.4

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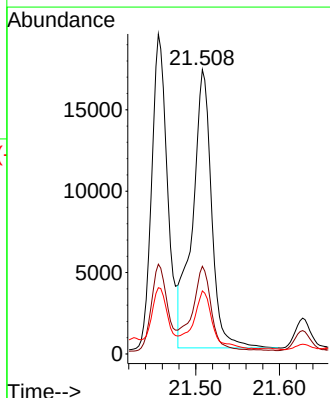
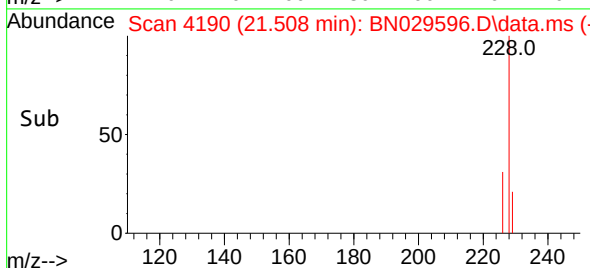
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

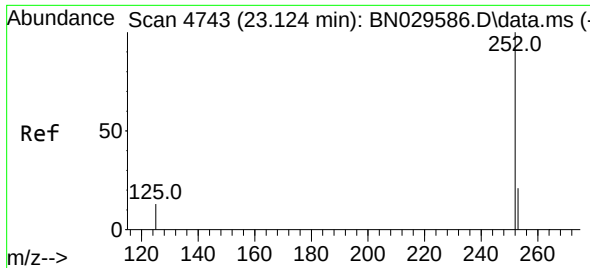


#22
Chrysene
Concen: 0.687 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.011 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



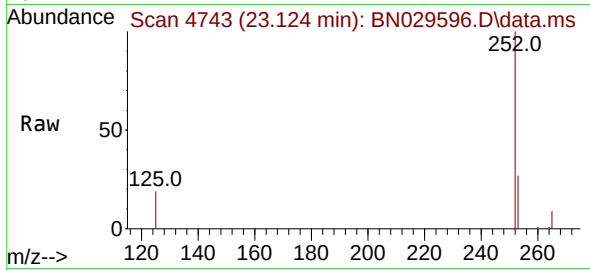
Tgt Ion:228 Resp: 27225
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.718 ng/ul m
RT: 23.124 min Scan# 4743
Delta R.T. -0.011 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

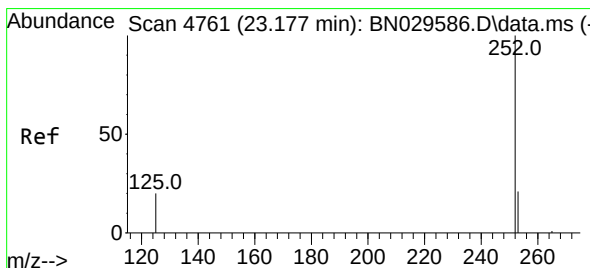
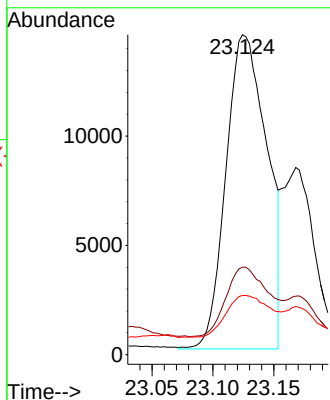
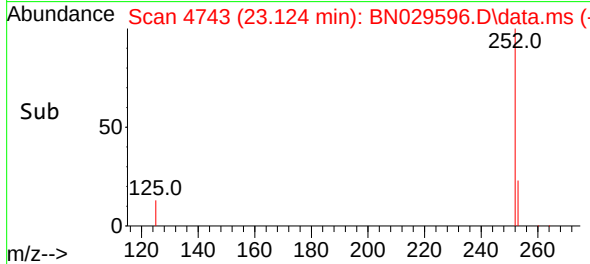
Instrument :
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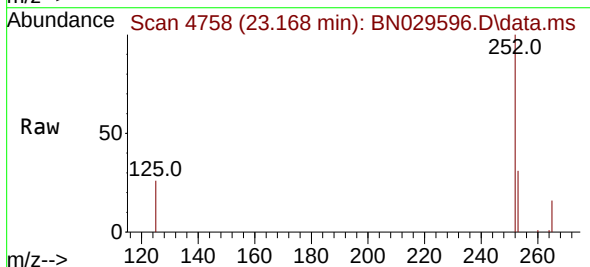
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Ion Ratio Lower Upper
252 100
253 27.3 0.0 56.8
125 18.5 0.0 32.4

Manual Integrations
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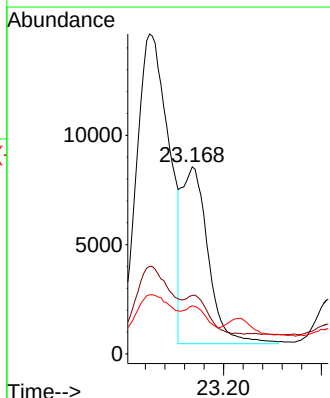
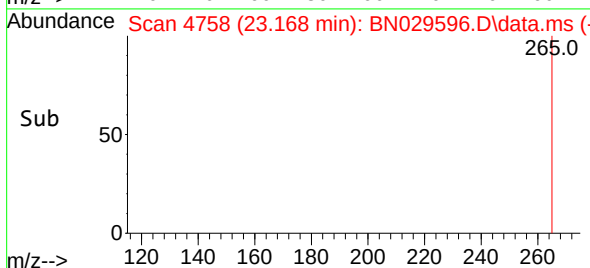
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

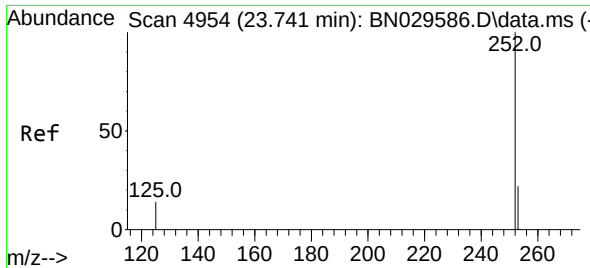


#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul m
RT: 23.168 min Scan# 4758
Delta R.T. -0.017 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



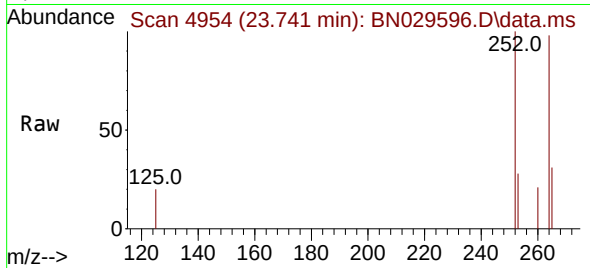
Tgt Ion:252 Resp: 15178
Ion Ratio Lower Upper
252 100
253 31.3 22.6 33.8
125 25.7 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.540 ng/ul
RT: 23.741 min Scan# 4954
Delta R.T. -0.011 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

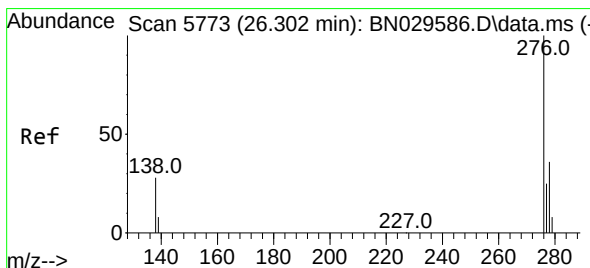
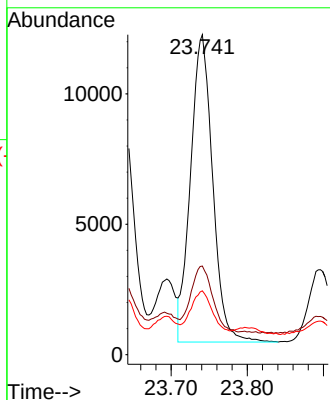
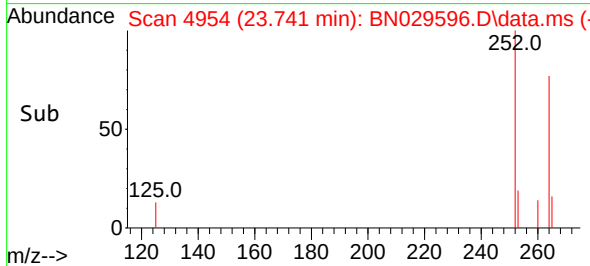
Instrument :
BNA_N
ClientSampleId :
C0FJ7



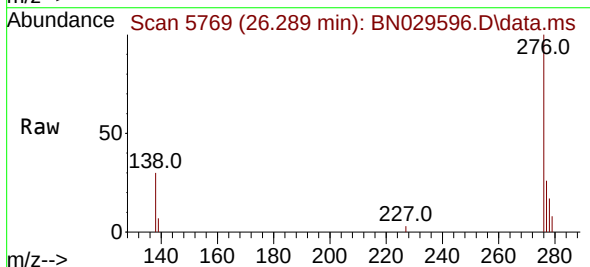
Tgt Ion:252 Resp: 2375
Ion Ratio Lower Upper
252 100
253 27.7 25.4 38.0
125 19.9 16.0 24.0

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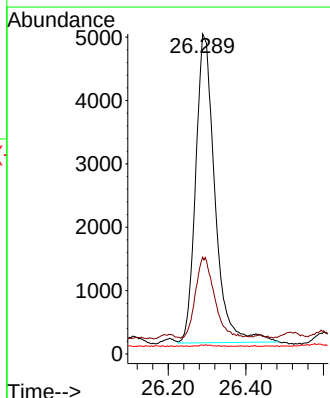
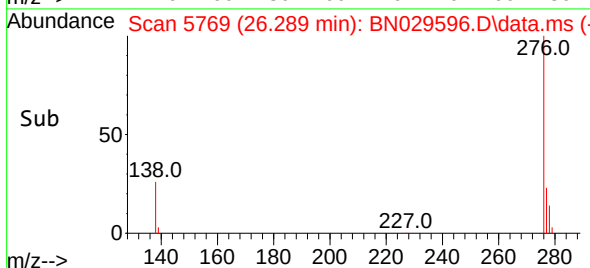
Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024

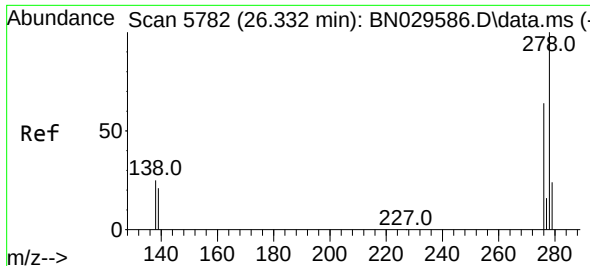


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.030 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



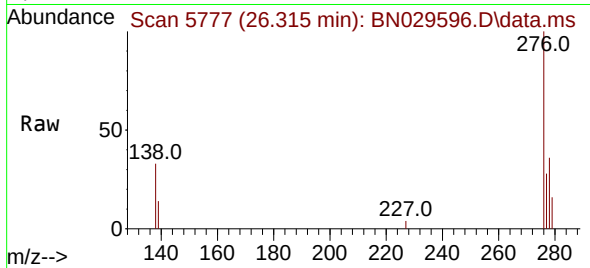
Tgt Ion:276 Resp: 16779
Ion Ratio Lower Upper
276 100
138 26.0 0.0 0.0#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 26.315 min Scan# 5777
Delta R.T. -0.033 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47

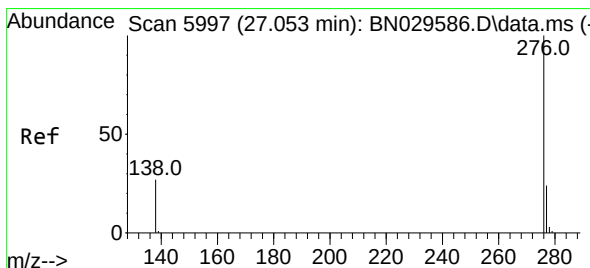
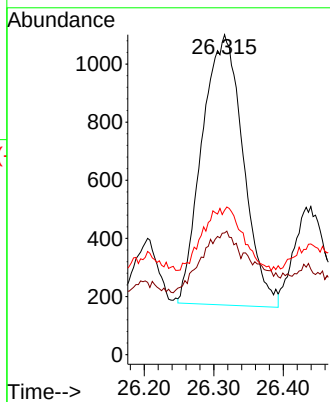
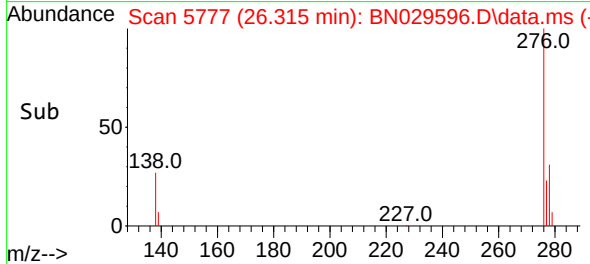
Instrument :
BNA_N
ClientSampleId :
C0FJ7



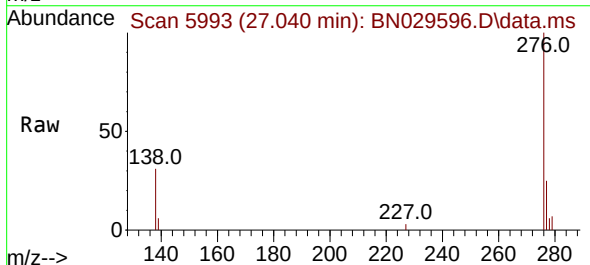
Tgt Ion:278 Resp: 3824
Ion Ratio Lower Upper
278 100
139 38.1 19.0 28.4
279 45.1 22.6 34.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024
Supervised By :mohammad ahmed 02/09/2024



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 27.040 min Scan# 5993
Delta R.T. -0.023 min
Lab File: BN029596.D
Acq: 09 Feb 2024 02:47



Tgt Ion:276 Resp: 14065
Ion Ratio Lower Upper
276 100
138 31.1 24.6 37.0
277 24.9 19.7 29.5

