

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025387.D
 Acq On : 10 May 2023 19:07
 Operator : CG/JU
 Sample : 02479-22MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW975MSD

Quant Time: May 11 02:09:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 02:07:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	24526	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	15698	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	32694	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.500	240	20500	0.400	ng/ul	# 0.00
23) Perylene-d12	23.938	264	22171	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	1228	0.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	3999	0.127	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	9376	0.173	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	3050	0.351	ng/ul#	45
5) Naphthalene	10.759	128	160565	2.555	ng/ul	100
7) 2-Methylnaphthalene	12.376	142	204747	5.319	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	101960	2.485	ng/ul	100
10) Acenaphthylene	14.274	152	55193	0.944	ng/ul#	94
11) Acenaphthene	14.612	153	53090	1.077	ng/ul	99
12) Fluorene	15.602	166	56602	1.027	ng/ul	98
14) Pentachlorophenol	16.963	266	1632	0.254	ng/ul	97
15) Phenanthrene	17.343	178	1025773	11.115	ng/ul	100
16) Anthracene	17.436	178	230213	3.049	ng/ul	99
19) Fluoranthene	19.363	202	1820294	24.555	ng/ul	99
20) Pyrene	19.726	202	1575509	20.685	ng/ul	99
21) Benzo(a)anthracene	21.482	228	699184	11.318	ng/ul	97
22) Chrysene	21.535	228	698754	10.369	ng/ul	97
24) Benzo(b)fluoranthene	23.192	252	884677m	9.835	ng/ul	
25) Benzo(k)fluoranthene	23.236	252	312049m	3.607	ng/ul	
26) Benzo(a)pyrene	23.832	252	624521	8.391	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.484	276	464039	5.412	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.491	278	127528	1.904	ng/ul#	81
29) Benzo(g,h,i)perylene	27.275	276	401038	5.500	ng/ul	97

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

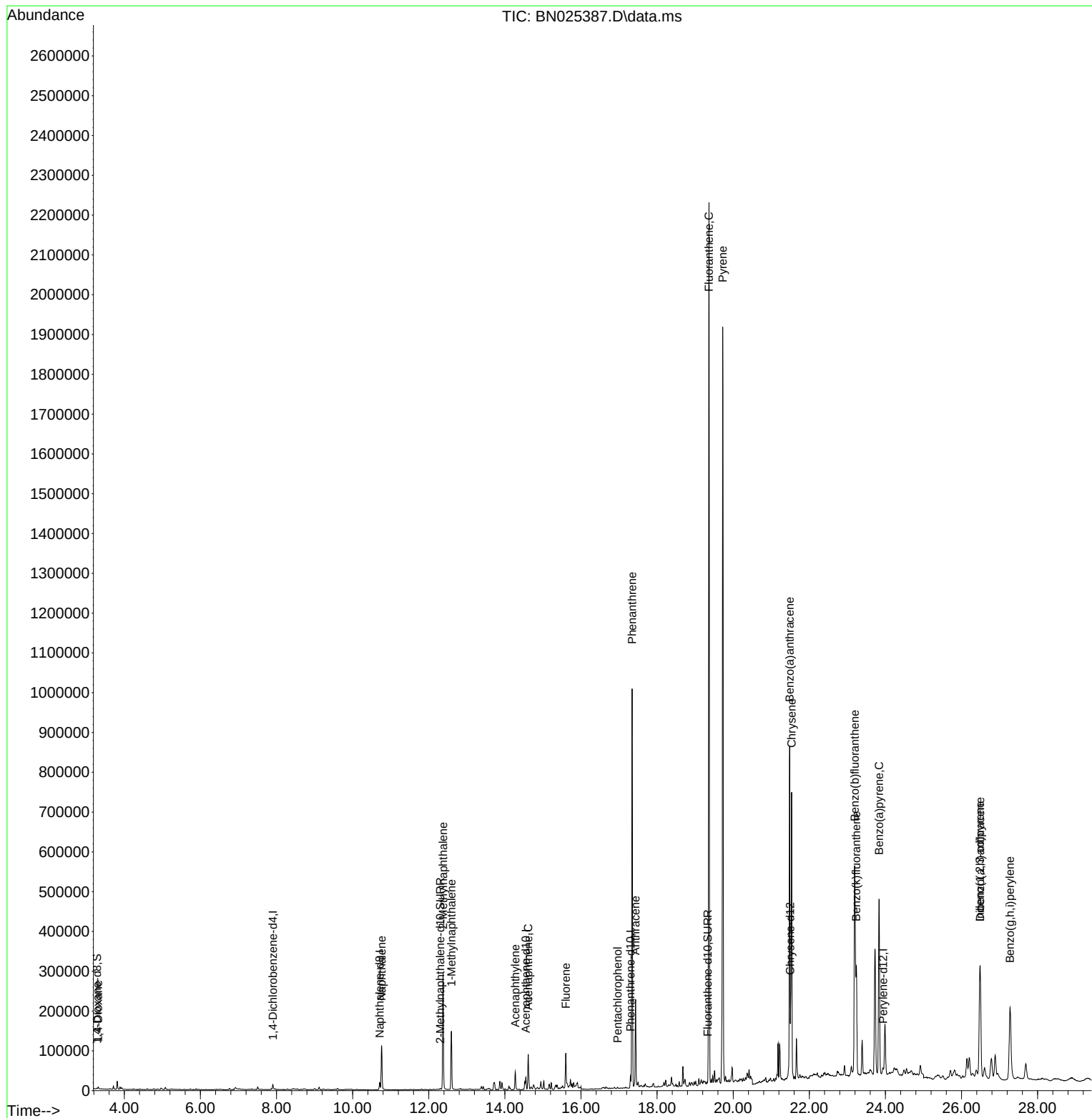
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
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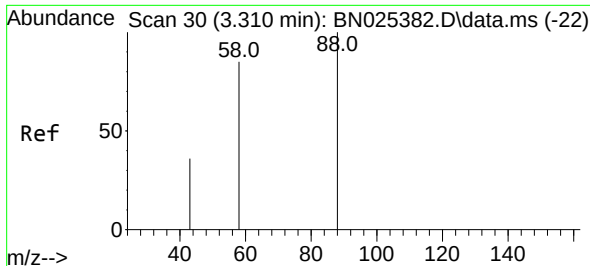
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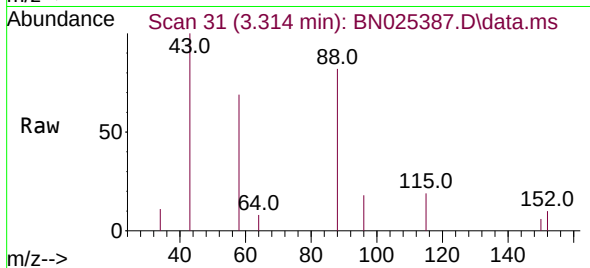
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023





#2
1,4-Dioxane
Concen: 0.351 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

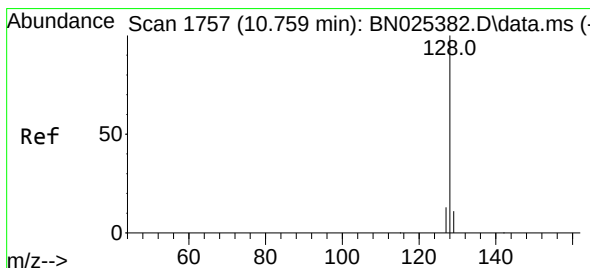
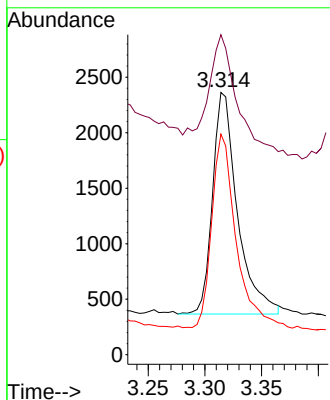
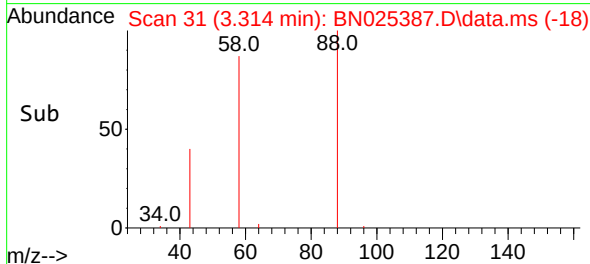
Instrument :
BNA_N
ClientSampleId :
EW975MSD



Tgt Ion: 88 Resp: 3050
Ion Ratio Lower Upper
88 100
43 122.0 37.0 55.4
58 84.1 56.9 85.3

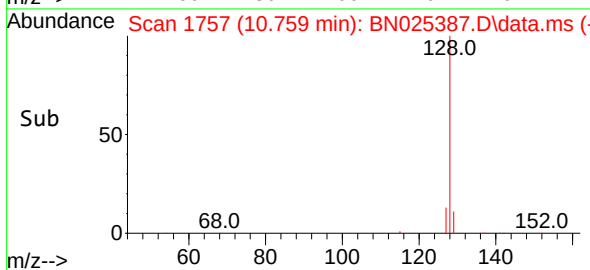
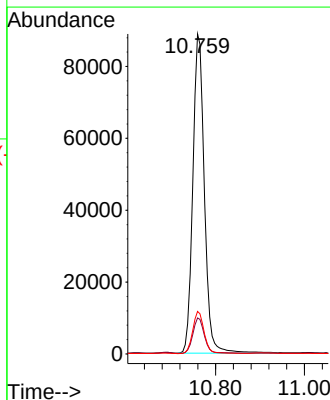
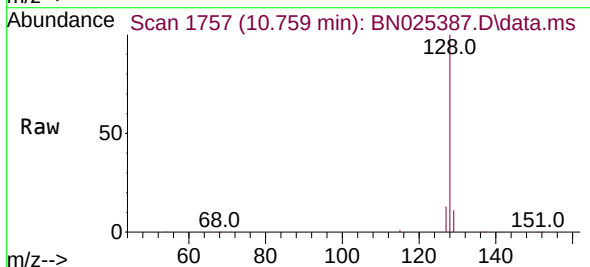
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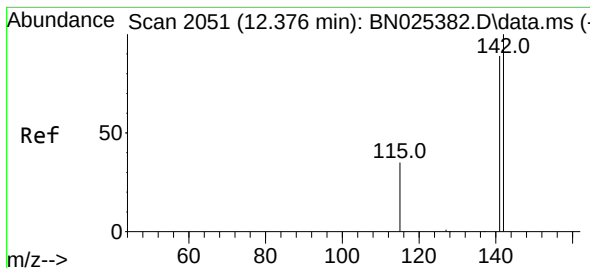
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#5
Naphthalene
Concen: 2.555 ng/ul
RT: 10.759 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

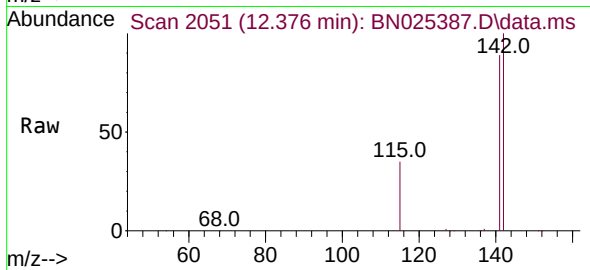
Tgt Ion:128 Resp: 160565
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.7 16.1





#7
2-Methylnaphthalene
Concen: 5.319 ng/ul
RT: 12.376 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

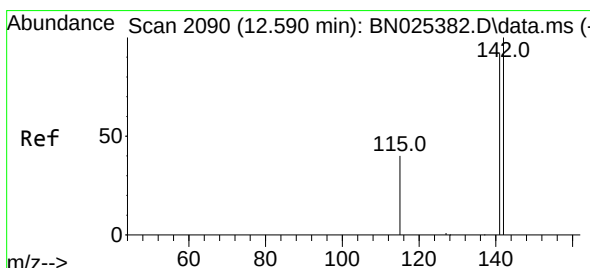
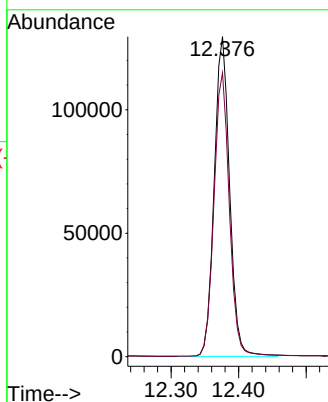
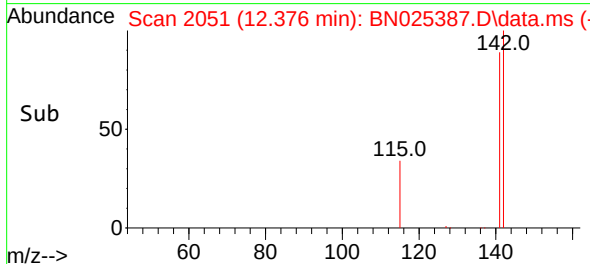
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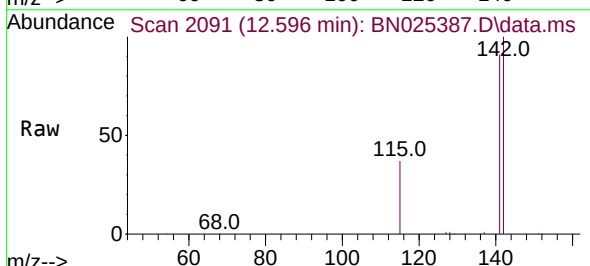
Tgt Ion:142 Resp: 20474
Ion Ratio Lower Upper
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141 88.6 71.4 107.0

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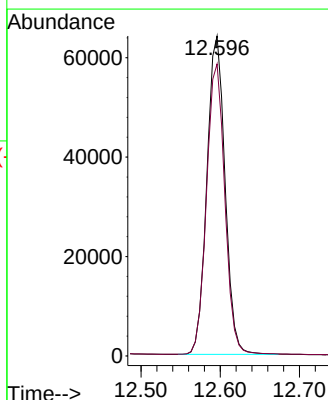
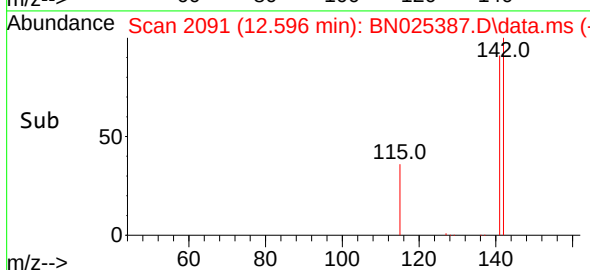
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Supervised By :Jagrut Upadhyay 05/11/2023

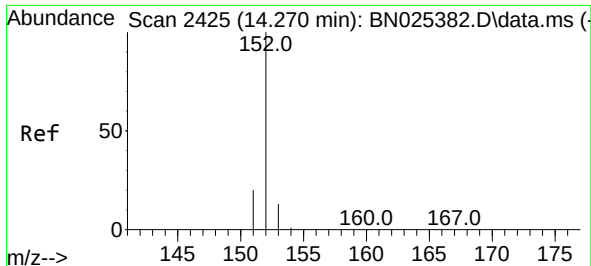


#8
1-Methylnaphthalene
Concen: 2.485 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07



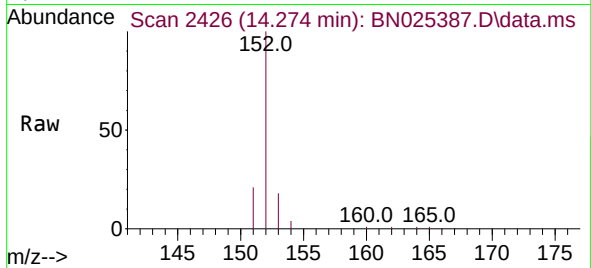
Tgt Ion:142 Resp: 101960
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6





#10
Acenaphthylene
Concen: 0.944 ng/ul
RT: 14.274 min Scan# 2425
Delta R.T. 0.004 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

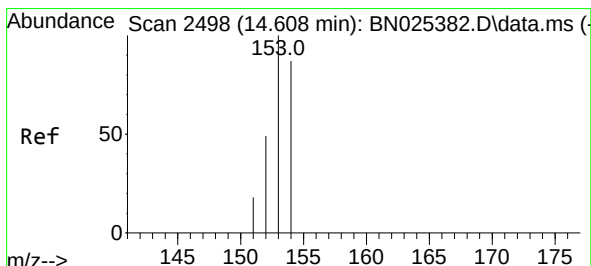
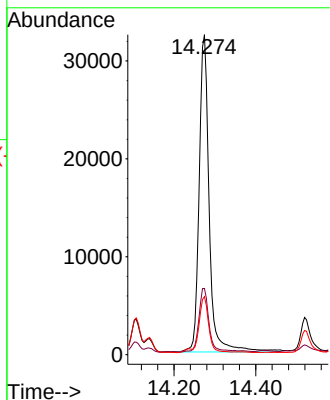
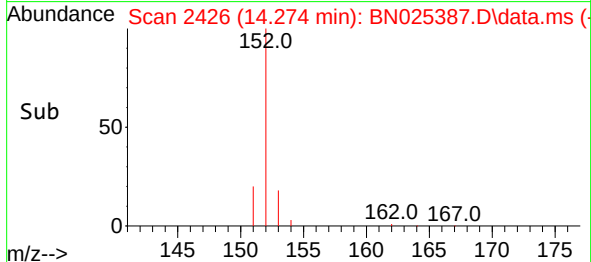
Instrument :
BNA_N
ClientSampleId :
EW975MSD



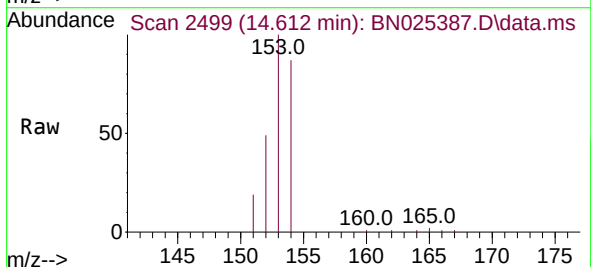
Tgt Ion:152 Resp: 5519
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 18.1 10.8 16.2

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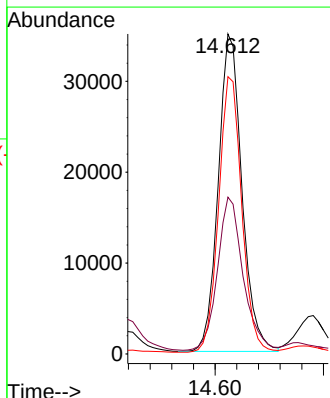
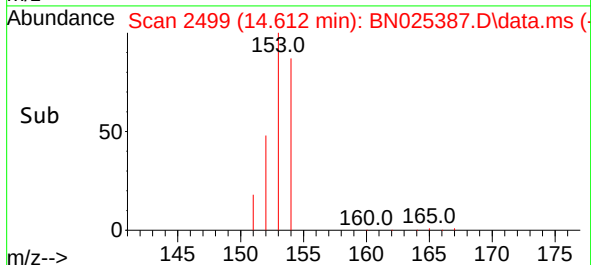
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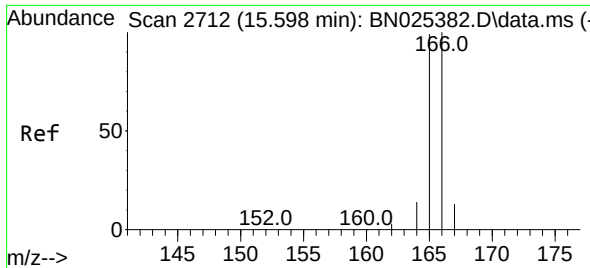


#11
Acenaphthene
Concen: 1.077 ng/ul
RT: 14.612 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07



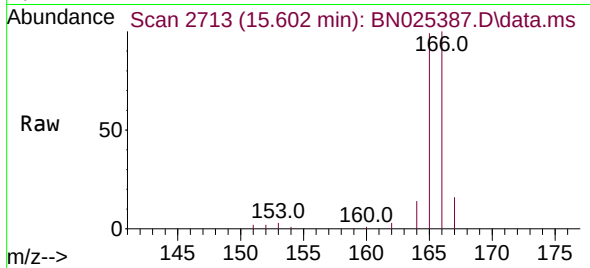
Tgt Ion:153 Resp: 53090
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 86.7 69.4 104.2





#12
 Fluorene
 Concen: 1.027 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025387.D
 Acq: 10 May 2023 19:07

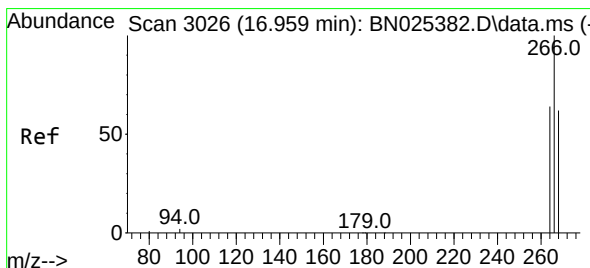
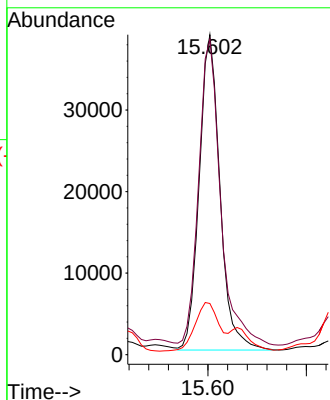
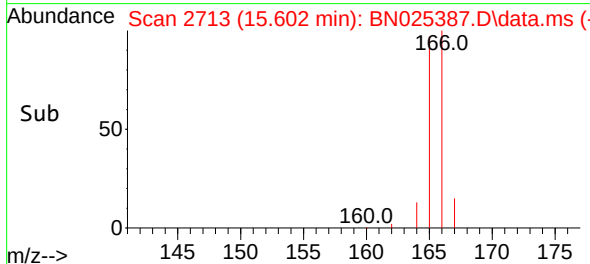
Instrument :
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 ClientSampleId :
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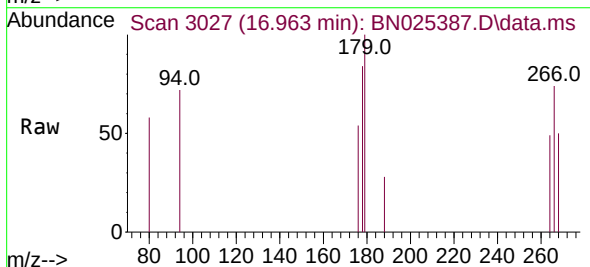
Tgt Ion:166 Resp: 5660
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.1 117.1
 167 16.0 11.0 16.6

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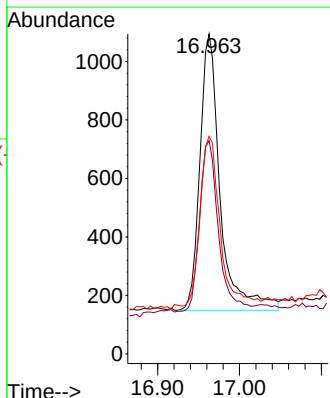
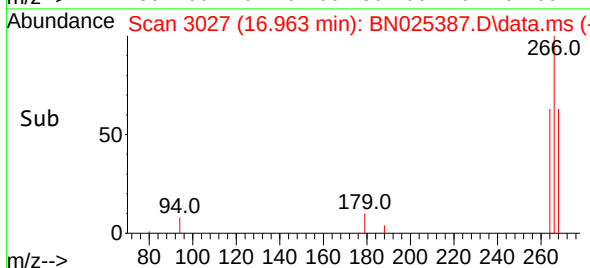
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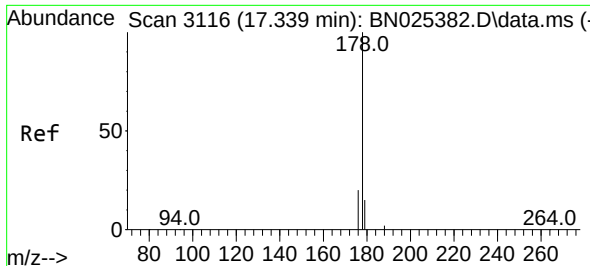


#14
 Pentachlorophenol
 Concen: 0.254 ng/ul
 RT: 16.963 min Scan# 3027
 Delta R.T. 0.003 min
 Lab File: BN025387.D
 Acq: 10 May 2023 19:07



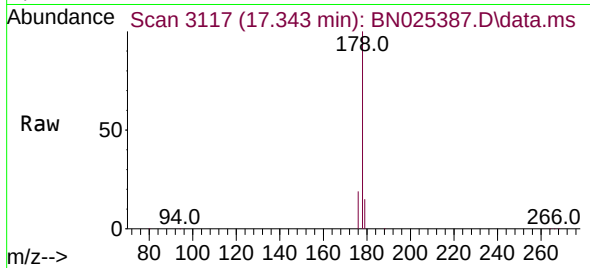
Tgt Ion:266 Resp: 1632
 Ion Ratio Lower Upper
 266 100
 264 60.2 49.6 74.4
 268 67.0 51.3 76.9





#15
Phenanthrene
Concen: 11.115 ng/ul
RT: 17.343 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

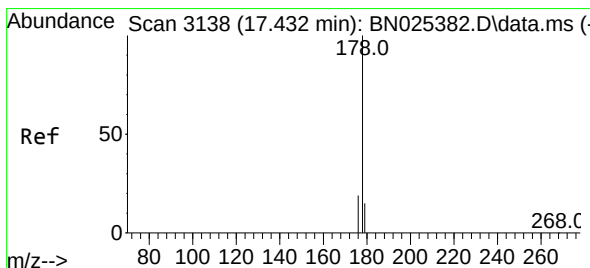
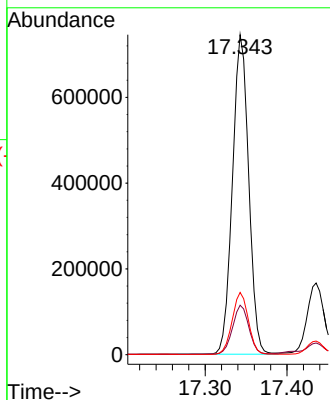
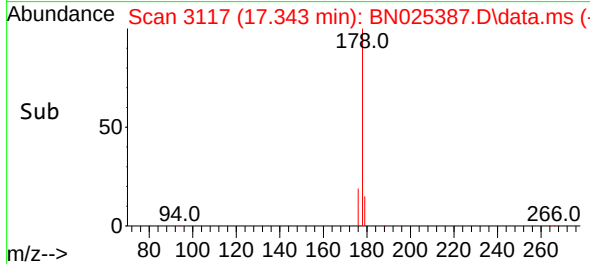
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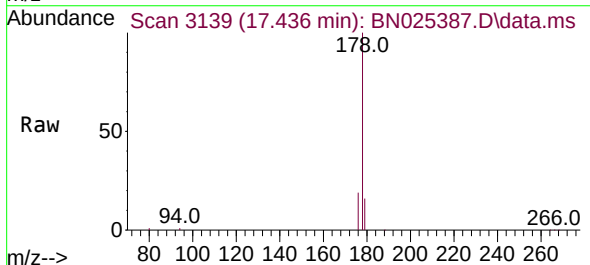
Tgt Ion:178 Resp: 102577
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.4 15.6 23.4

Manual Integrations
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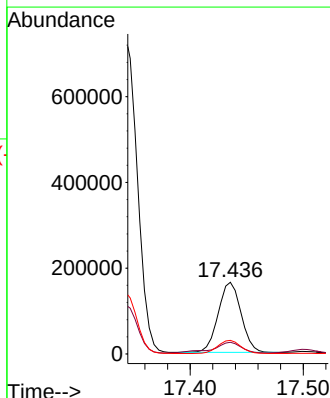
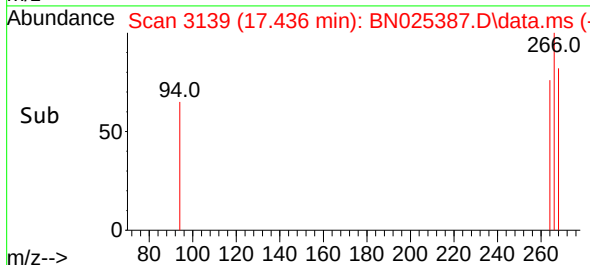
Reviewed By :Christian Giraldo 05/11/2023
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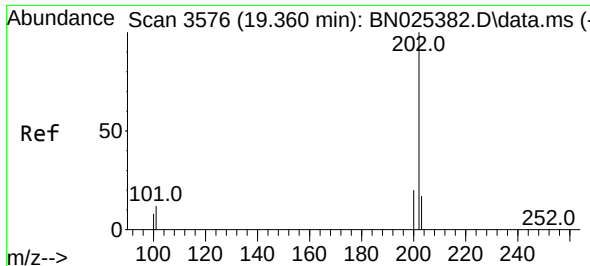


#16
Anthracene
Concen: 3.049 ng/ul
RT: 17.436 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07



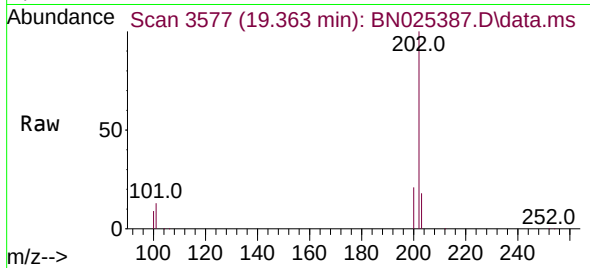
Tgt Ion:178 Resp: 230213
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 24.555 ng/u1
RT: 19.363 min Scan# 3577
Delta R.T. 0.004 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

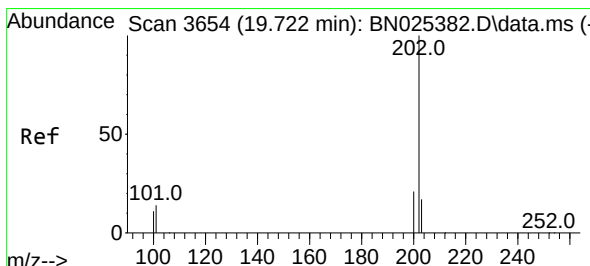
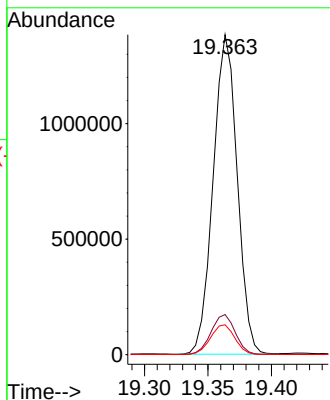
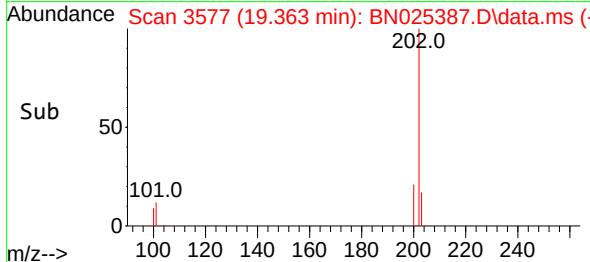
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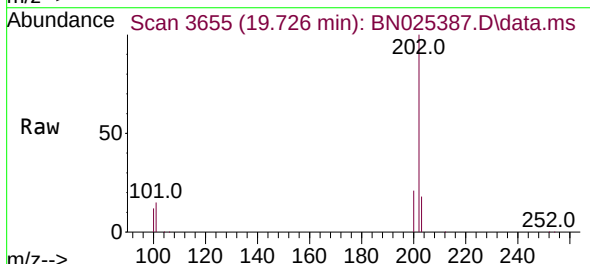
Tgt Ion:202 Resp: 1820294
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.4 7.3 10.9

Manual Integrations
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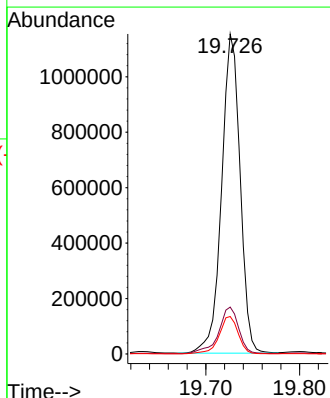
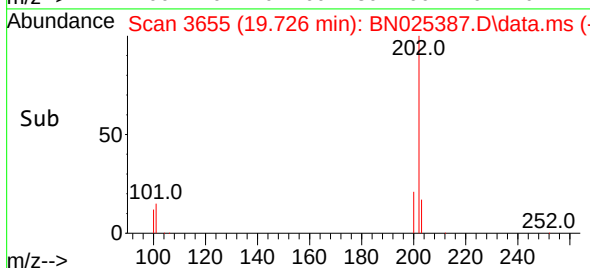
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Supervised By :Jagrut Upadhyay 05/11/2023

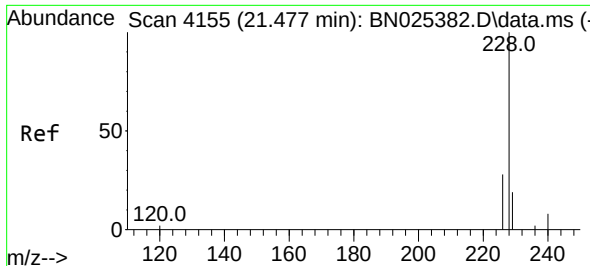


#20
Pyrene
Concen: 20.685 ng/u1
RT: 19.726 min Scan# 3655
Delta R.T. 0.004 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07



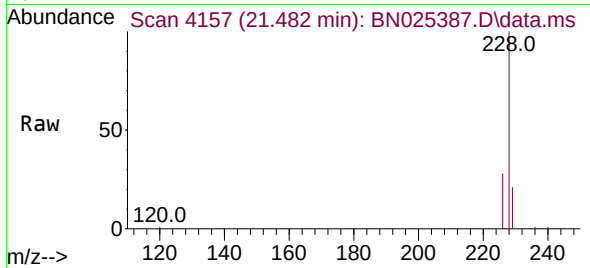
Tgt Ion:202 Resp: 1575509
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.7 9.2 13.8





#21
Benzo(a)anthracene
Concen: 11.318 ng/u1
RT: 21.482 min Scan# 4155
Delta R.T. 0.005 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

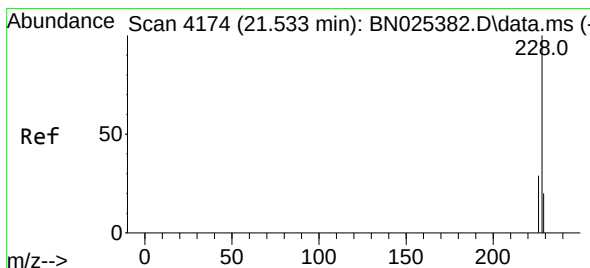
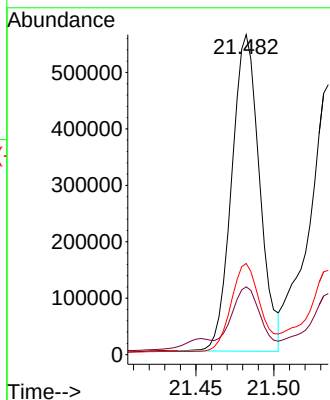
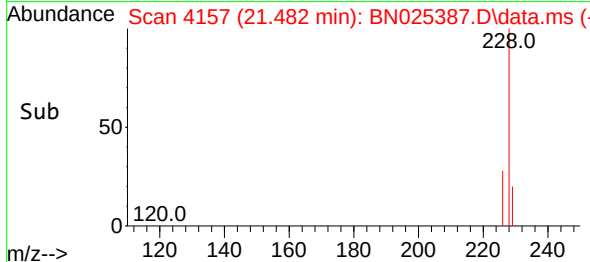
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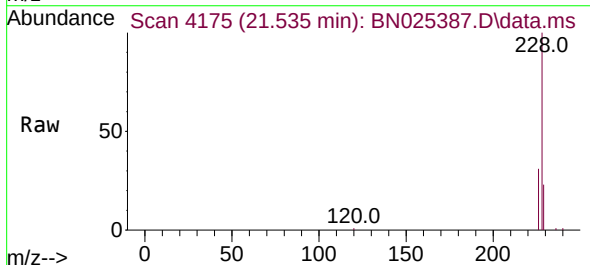
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Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.5 22.1 33.1

Manual Integrations
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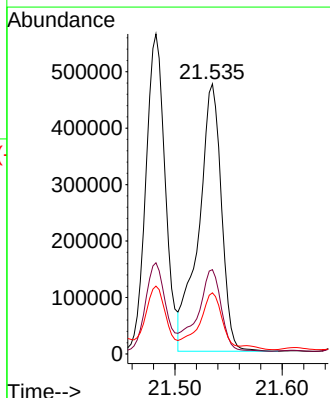
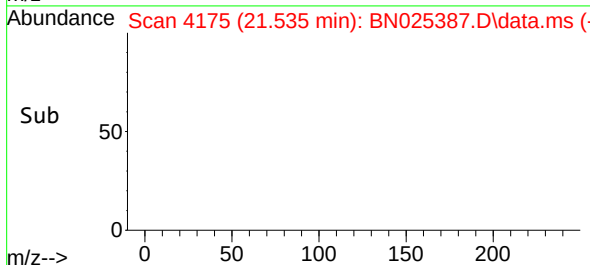
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

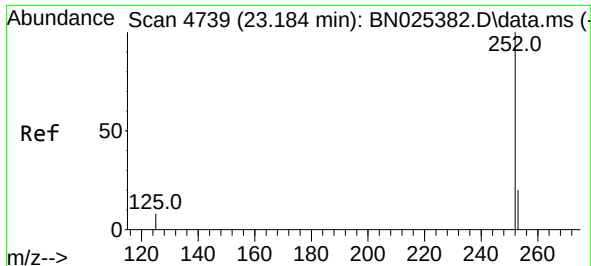


#22
Chrysene
Concen: 10.369 ng/u1
RT: 21.535 min Scan# 4175
Delta R.T. 0.002 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07



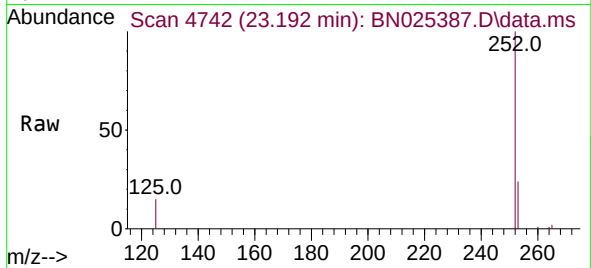
Tgt Ion:228 Resp: 698754
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 9.835 ng/ul m
RT: 23.192 min Scan# 4742
Delta R.T. 0.008 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

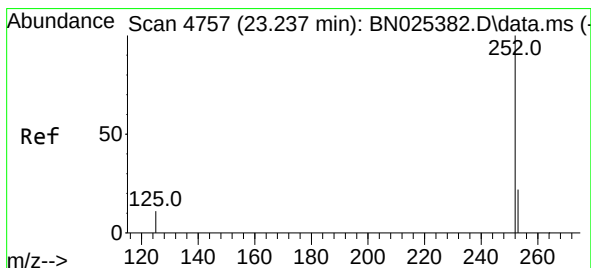
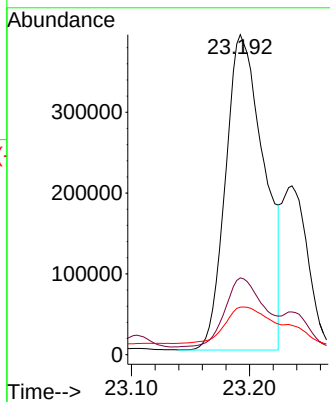
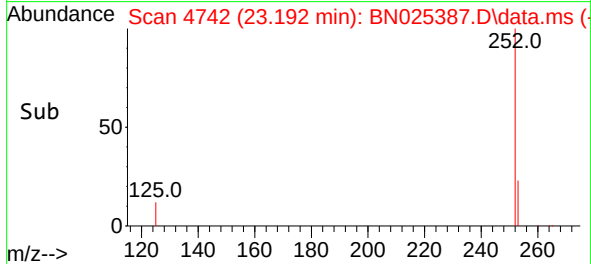
Instrument :
BNA_N
ClientSampleId :
EW975MSD



Tgt Ion:252 Resp: 88467
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 14.9 0.0 30.4

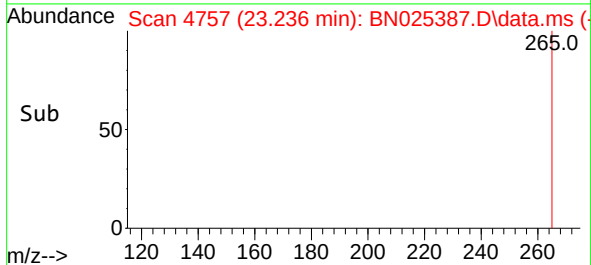
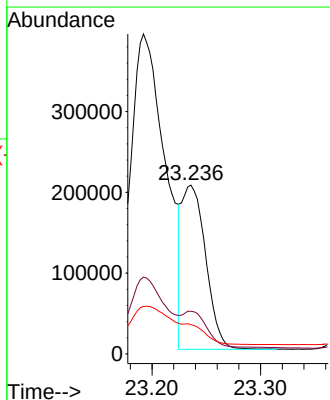
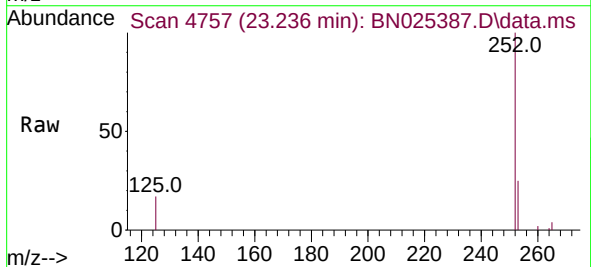
Manual Integrations
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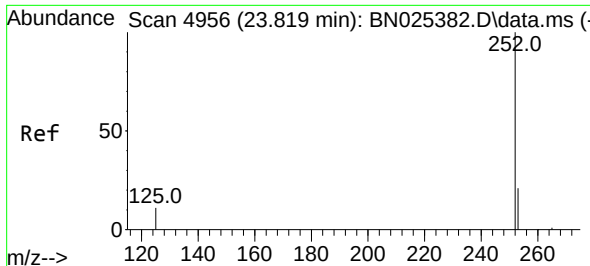
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 3.607 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.001 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

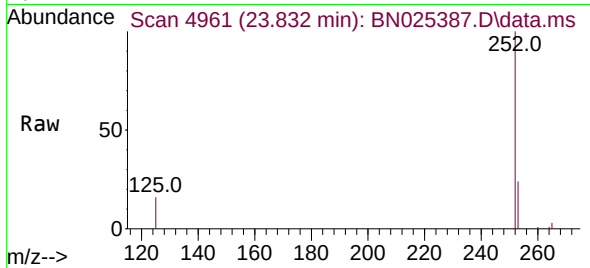
Tgt Ion:252 Resp: 312049
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 17.4 11.8 17.8





#26
Benzo(a)pyrene
Concen: 8.391 ng/ul
RT: 23.832 min Scan# 4956
Delta R.T. 0.014 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

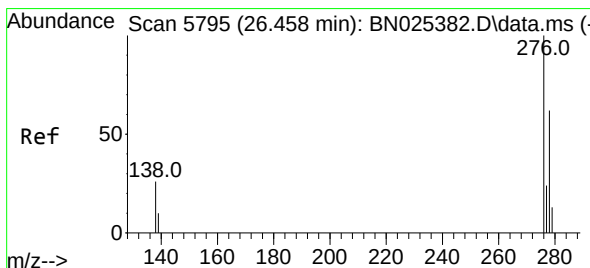
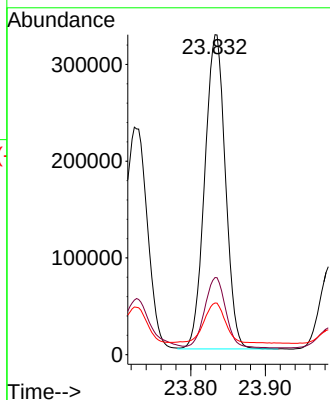
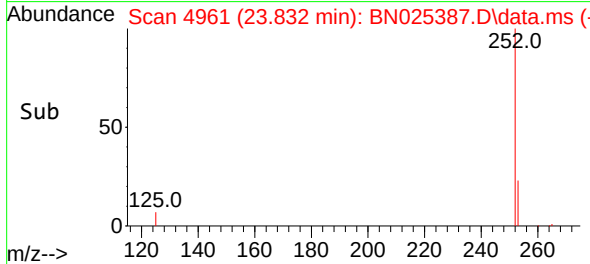
Instrument :
BNA_N
ClientSampleId :
EW975MSD



Tgt Ion:252 Resp: 62452
Ion Ratio Lower Upper
252 100
253 24.1 21.4 32.2
125 16.2 14.6 22.0

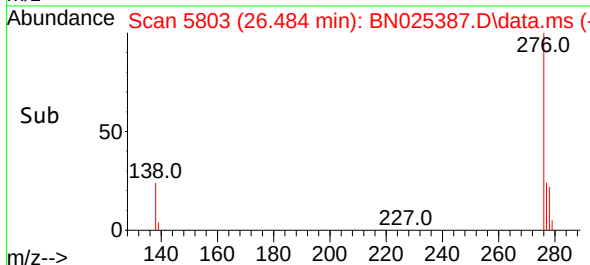
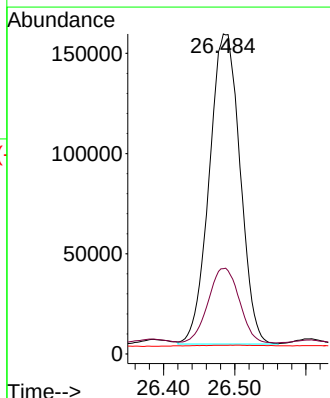
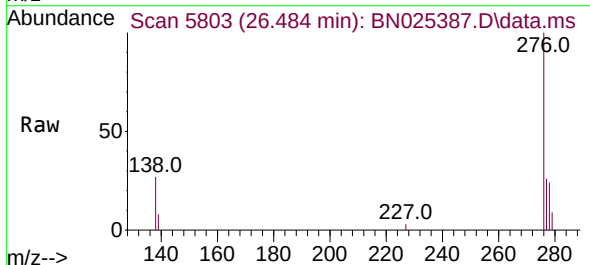
Manual Integrations
APPROVED

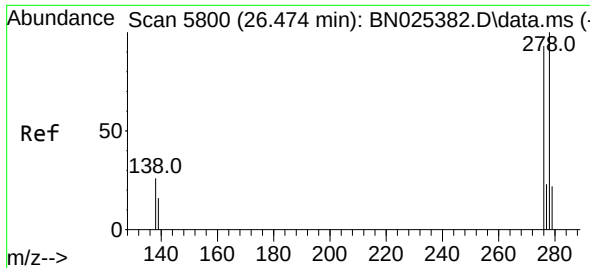
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.412 ng/ul
RT: 26.484 min Scan# 5803
Delta R.T. 0.026 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

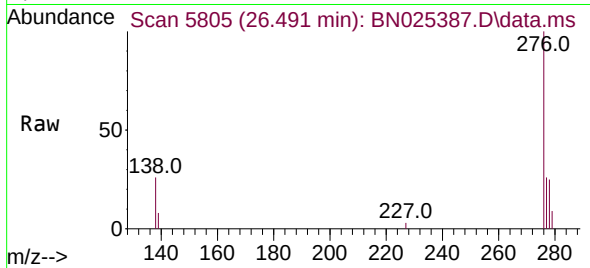
Tgt Ion:276 Resp: 464039
Ion Ratio Lower Upper
276 100
138 24.3 21.9 32.9
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.904 ng/ul
RT: 26.491 min Scan# 5805
Delta R.T. 0.016 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07

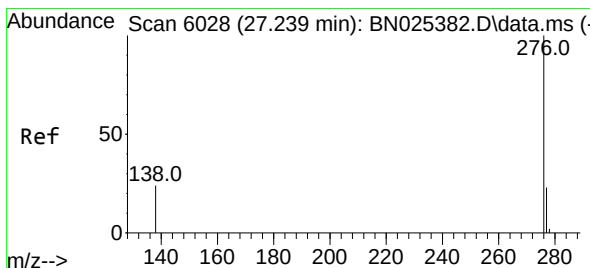
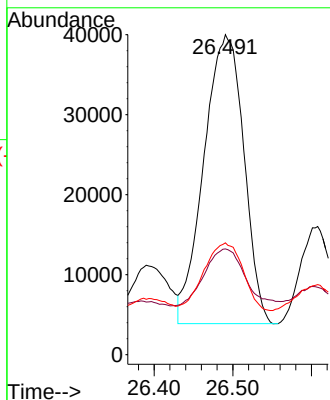
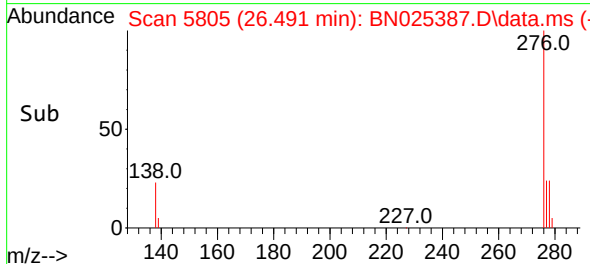
Instrument :
BNA_N
ClientSampleId :
EW975MSD



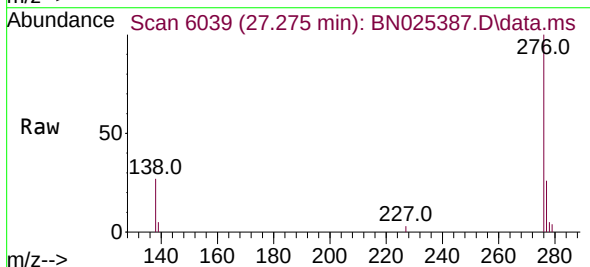
Tgt Ion:278 Resp: 127528
Ion Ratio Lower Upper
278 100
139 33.0 17.0 25.6
279 35.0 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#29
Benzo(g,h,i)perylene
Concen: 5.500 ng/ul
RT: 27.275 min Scan# 6039
Delta R.T. 0.036 min
Lab File: BN025387.D
Acq: 10 May 2023 19:07



Tgt Ion:276 Resp: 401038
Ion Ratio Lower Upper
276 100
138 27.0 20.3 30.5
277 26.3 19.8 29.6

