

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025385.D
 Acq On : 10 May 2023 17:55
 Operator : CG/JU
 Sample : 02479-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW975

Manual Integrations
 APPROVED

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

Quant Time: May 11 02:08:57 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	6471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	21868	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	16009	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.296	188	31967	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.494	240	19816	0.400	ng/ul	# 0.00
23) Perylene-d12	23.926	264	22858	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21799	3.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	7869	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	20548	0.393	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.754	128	279818	4.994	ng/ul	100
7) 2-Methylnaphthalene	12.370	142	346346	10.092	ng/ul	99
8) 1-Methylnaphthalene	12.590	142	172097	4.705	ng/ul	100
10) Acenaphthylene	14.269	152	177855	2.982	ng/ul	97
11) Acenaphthene	14.607	153	115846	2.304	ng/ul	99
12) Fluorene	15.597	166	139630	2.485	ng/ul	99
15) Phenanthrene	17.343	178	2627139	29.116	ng/ul	100
16) Anthracene	17.431	178	613408	8.310	ng/ul	99
19) Fluoranthene	19.363	202	4559194	63.624	ng/ul	98
20) Pyrene	19.726	202	3942094	53.543	ng/ul	98
21) Benzo(a)anthracene	21.476	228	1820562	30.489	ng/ul	97
22) Chrysene	21.532	228	1794871	27.554	ng/ul	97
24) Benzo(b)fluoranthene	23.189	252	2202879m	23.754	ng/ul	
25) Benzo(k)fluoranthene	23.227	252	771420m	8.648	ng/ul	
26) Benzo(a)pyrene	23.820	252	1525655	19.884	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.453	276	1106855	12.520	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.457	278	294679	4.267	ng/ul#	89
29) Benzo(g,h,i)perylene	27.238	276	1076879	14.326	ng/ul	99

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

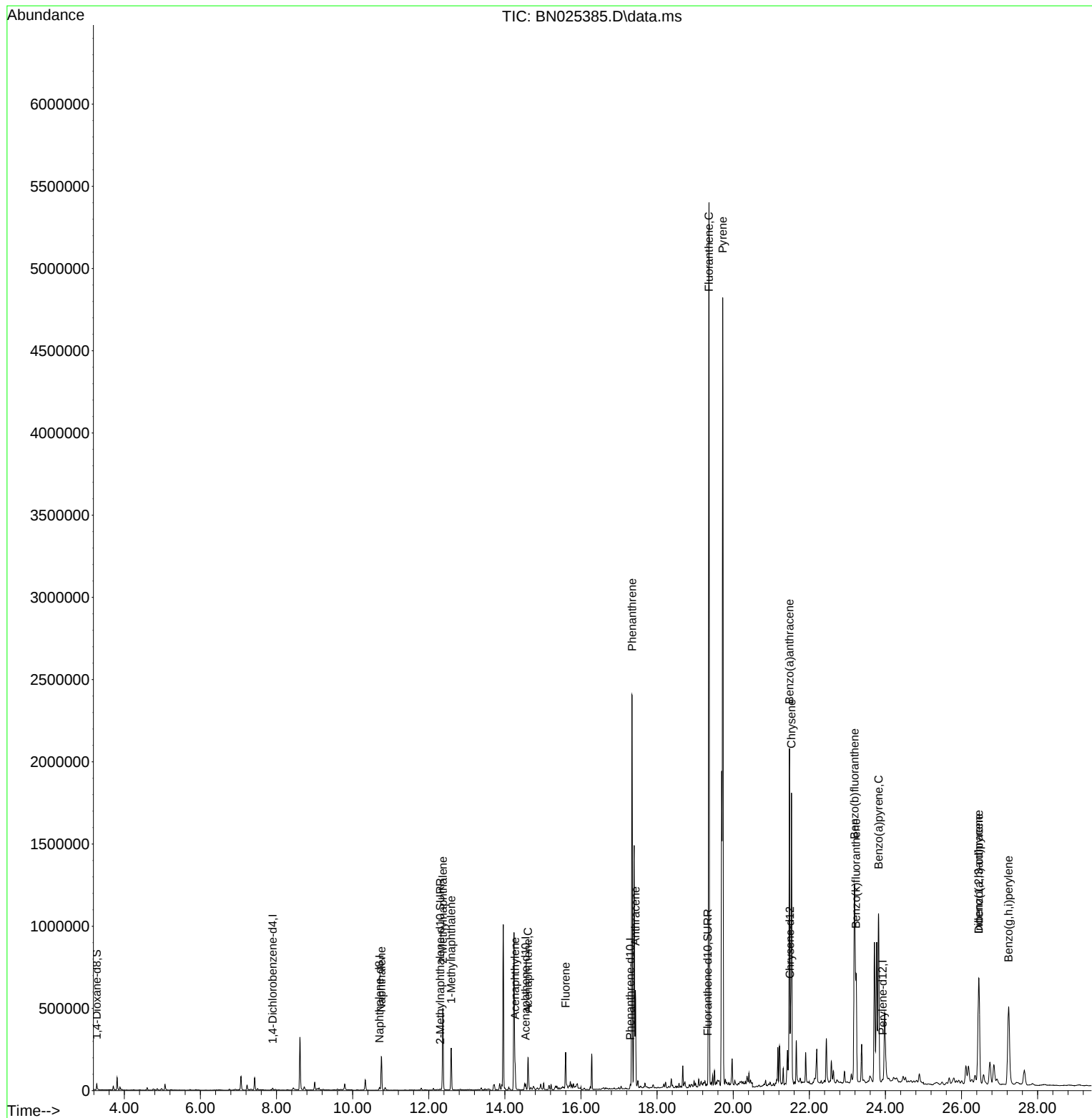
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025385.D
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ALS Vial : 15 Sample Multiplier: 1

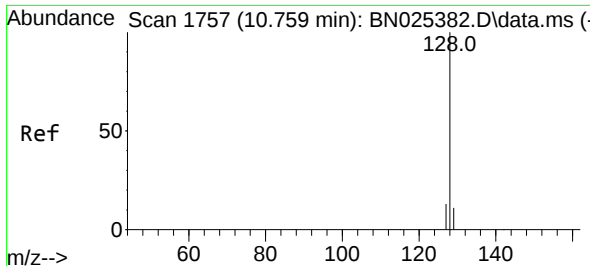
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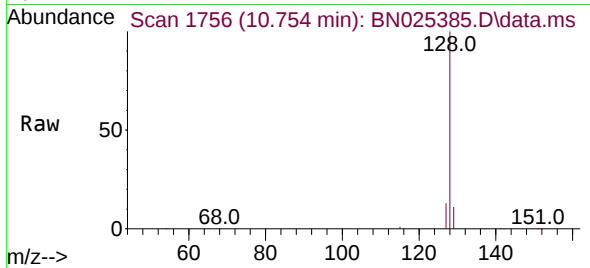
Quant Time: May 11 02:08:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 02:07:13 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.994 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

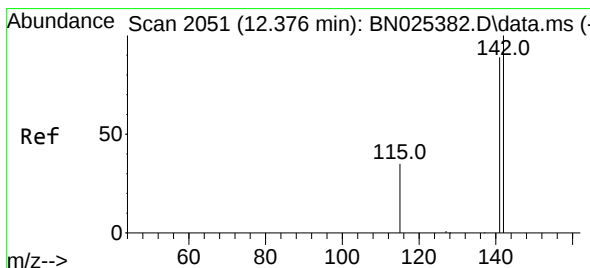
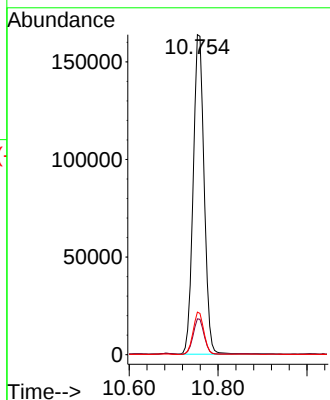
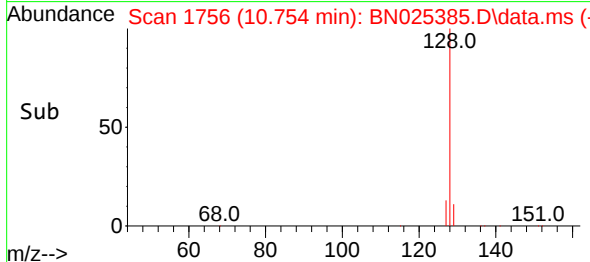
Instrument :
BNA_N
ClientSampleId :
EW975



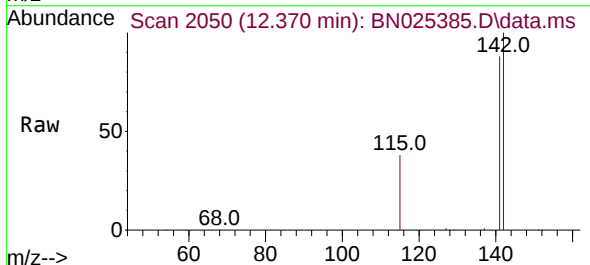
Tgt Ion:128 Resp: 279818
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.7 16.1

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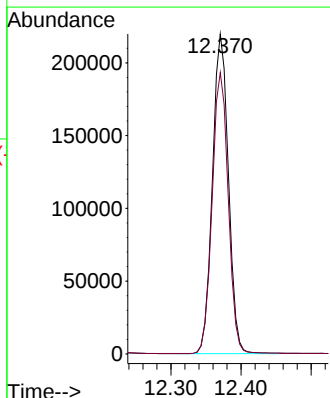
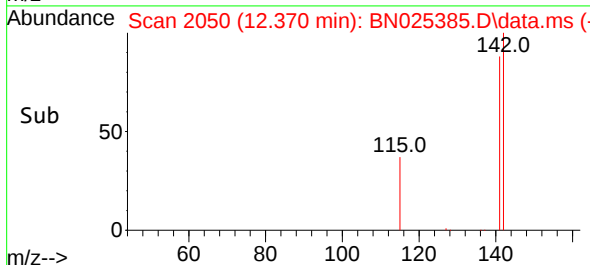
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

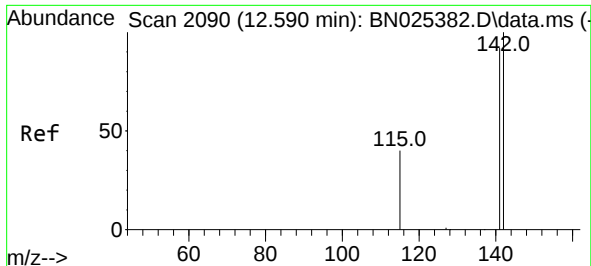


#7
2-Methylnaphthalene
Concen: 10.092 ng/ul
RT: 12.370 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55



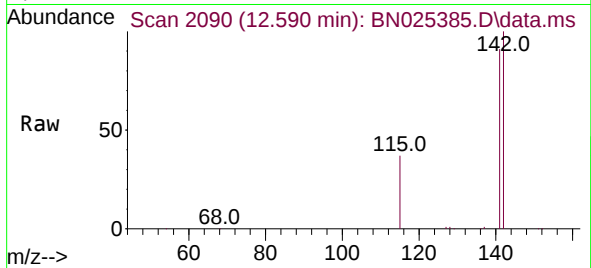
Tgt Ion:142 Resp: 346346
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0





#8
1-Methylnaphthalene
Concen: 4.705 ng/ul
RT: 12.590 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

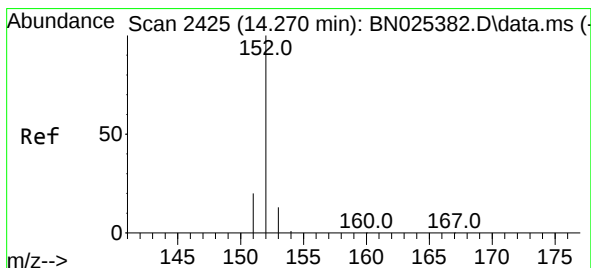
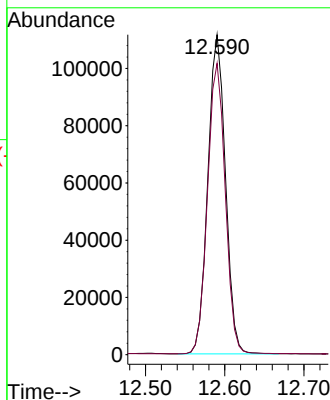
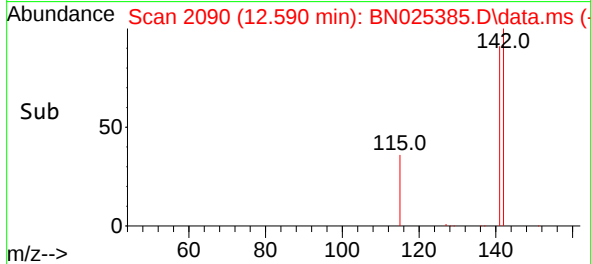
Instrument :
BNA_N
ClientSampleId :
EW975



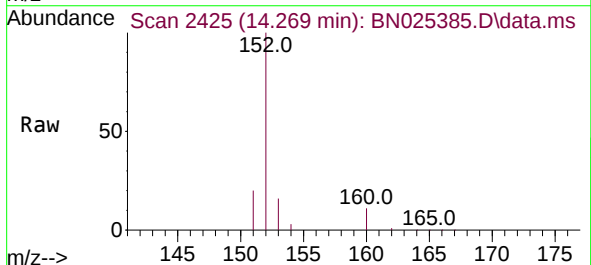
Tgt Ion:142 Resp: 17209
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

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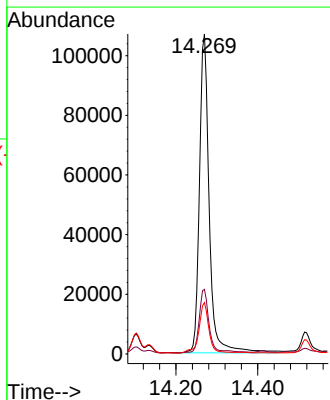
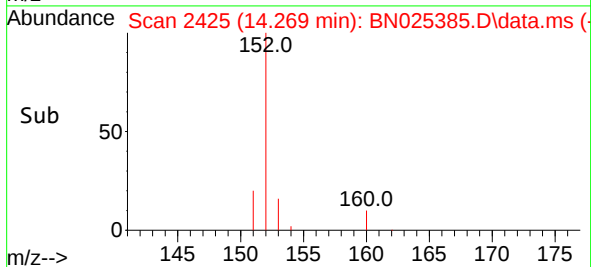
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

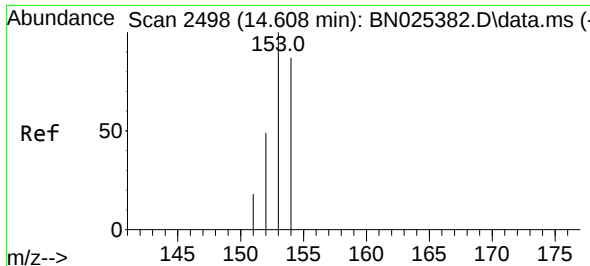


#10
Acenaphthylene
Concen: 2.982 ng/ul
RT: 14.269 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55



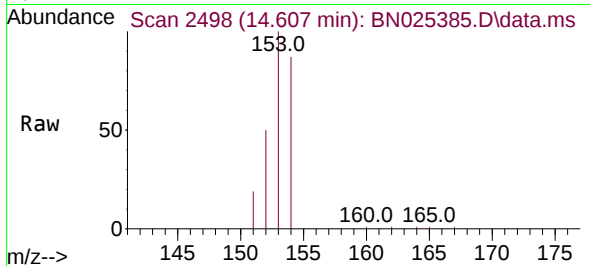
Tgt Ion:152 Resp: 177855
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 16.0 10.8 16.2





#11
Acenaphthene
Concen: 2.304 ng/u1
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

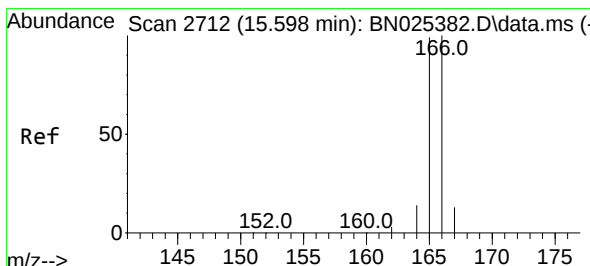
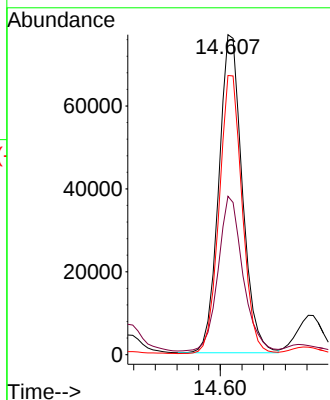
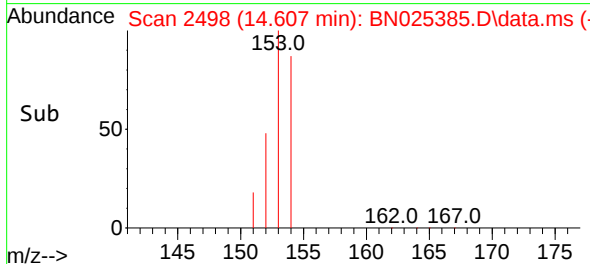
Instrument :
BNA_N
ClientSampleId :
EW975



Tgt Ion:153 Resp: 115840
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 87.3 69.4 104.2

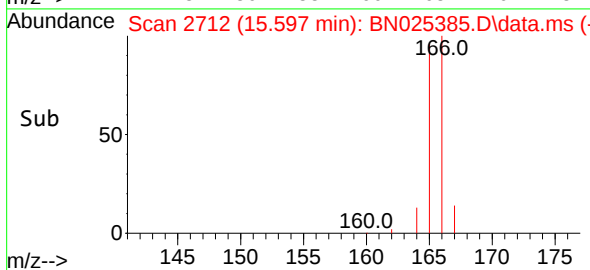
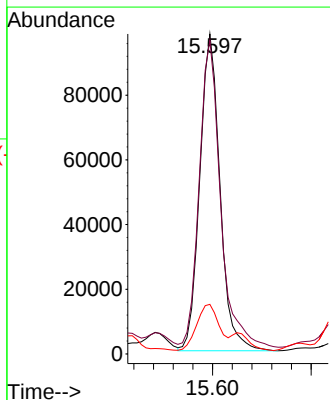
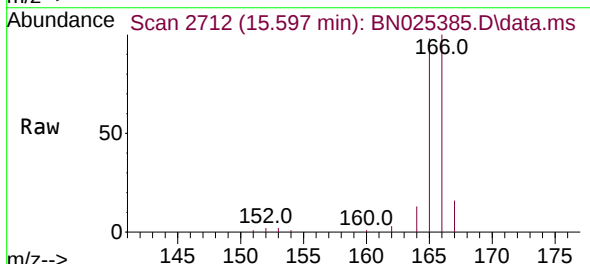
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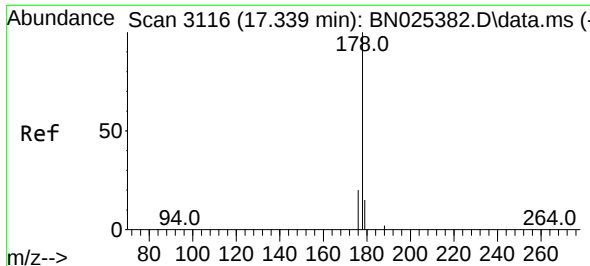
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#12
Fluorene
Concen: 2.485 ng/u1
RT: 15.597 min Scan# 2712
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

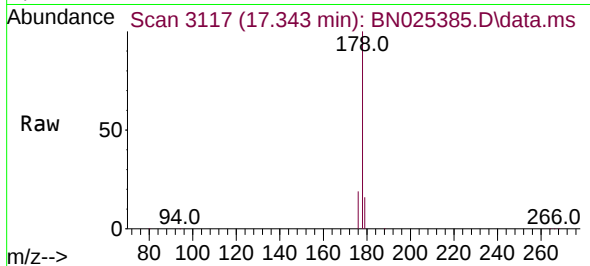
Tgt Ion:166 Resp: 139630
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 15.5 11.0 16.6





#15
Phenanthrene
Concen: 29.116 ng/u1
RT: 17.343 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

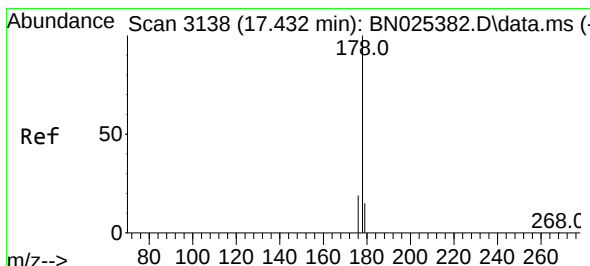
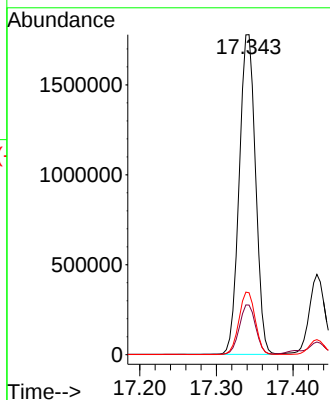
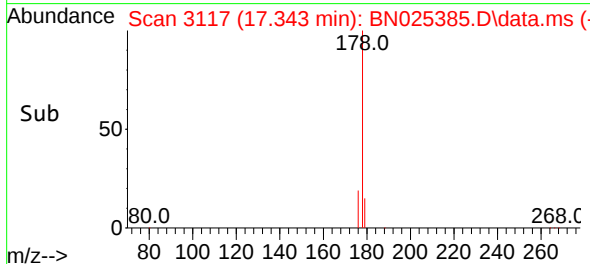
Instrument :
BNA_N
ClientSampleId :
EW975



Tgt Ion:178 Resp: 2627139
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.3 15.6 23.4

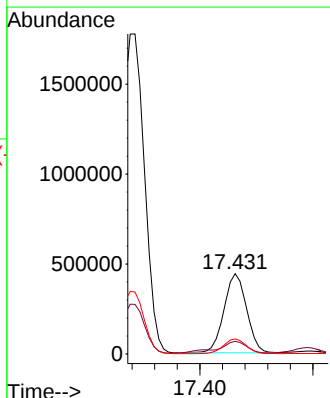
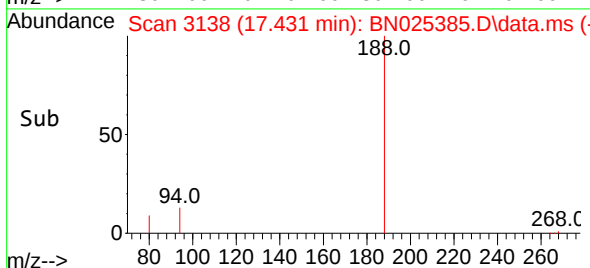
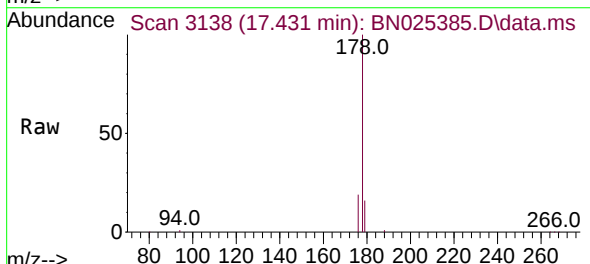
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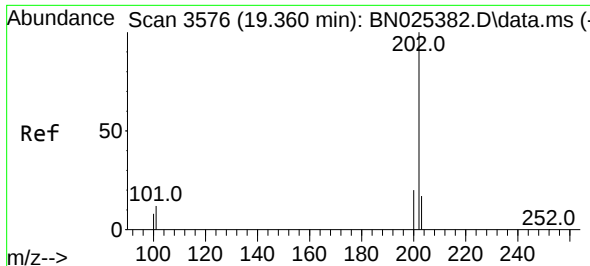
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#16
Anthracene
Concen: 8.310 ng/u1
RT: 17.431 min Scan# 3138
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

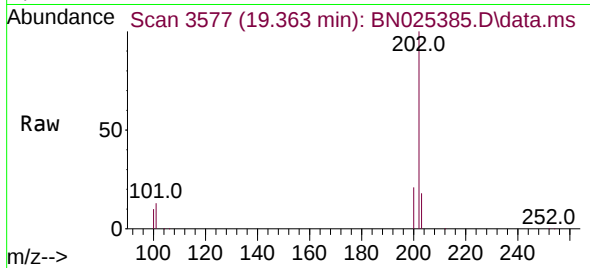
Tgt Ion:178 Resp: 613408
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 63.624 ng/u1
RT: 19.363 min Scan# 3576
Delta R.T. 0.004 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

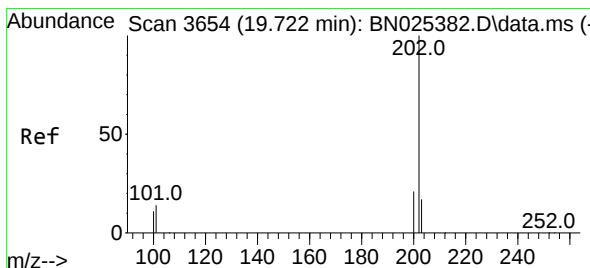
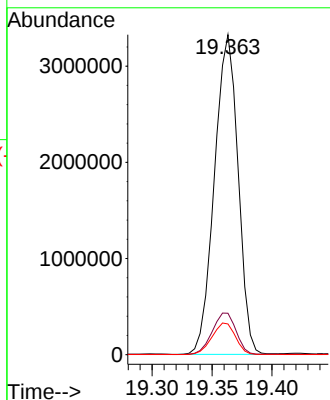
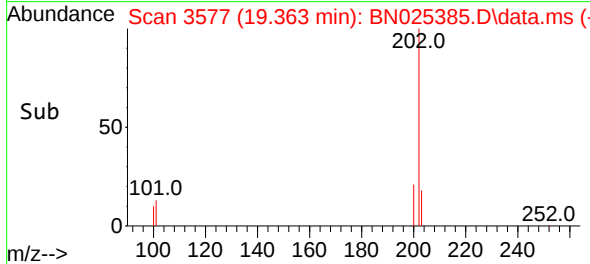
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Tgt Ion:202 Resp: 4559194
Ion Ratio Lower Upper
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101 13.0 9.7 14.5
100 9.6 7.3 10.9

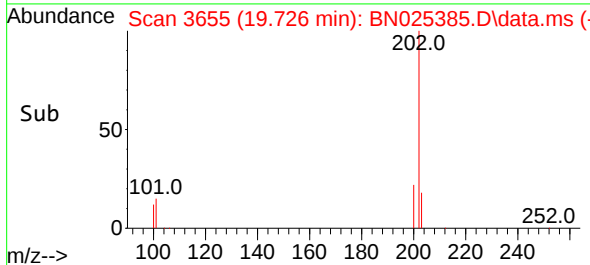
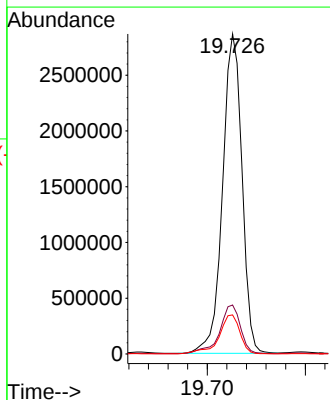
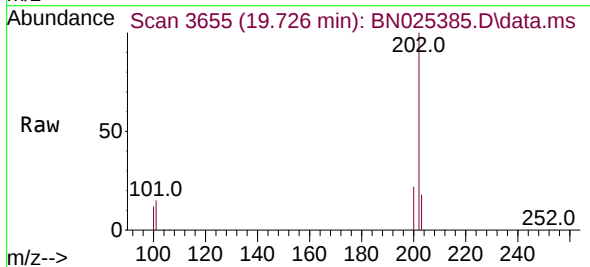
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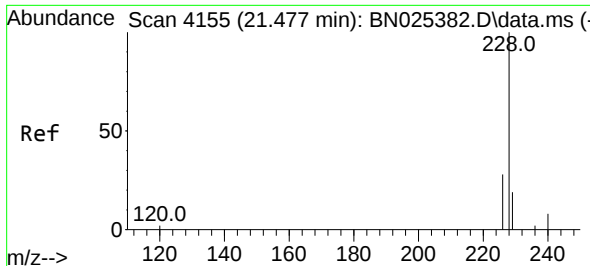
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
Pyrene
Concen: 53.543 ng/u1
RT: 19.726 min Scan# 3655
Delta R.T. 0.004 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

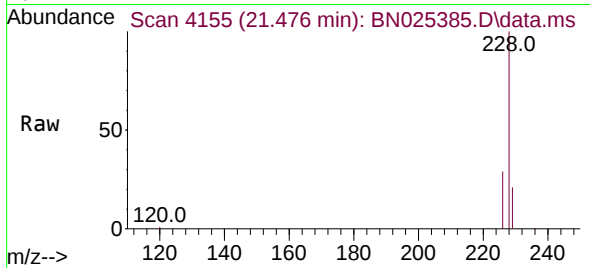
Tgt Ion:202 Resp: 3942094
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.2 9.2 13.8





#21
Benzo(a)anthracene
Concen: 30.489 ng/u1
RT: 21.476 min Scan# 4155
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

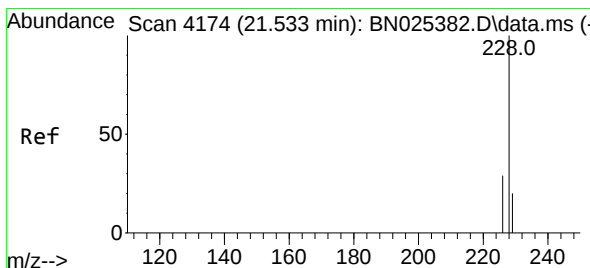
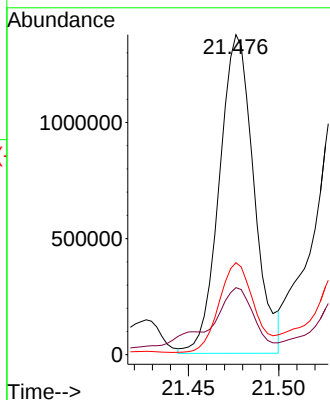
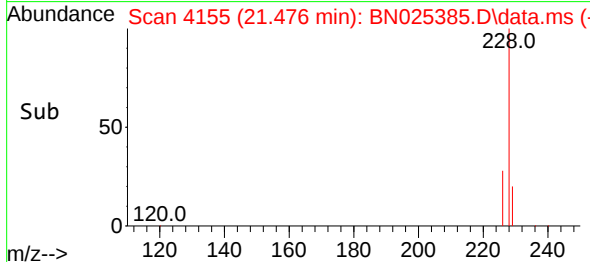
Instrument :
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Tgt Ion:228 Resp: 1820562
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 28.7 22.1 33.1

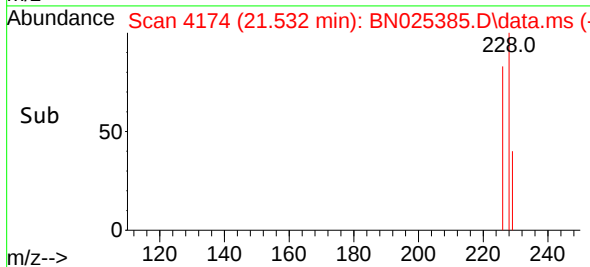
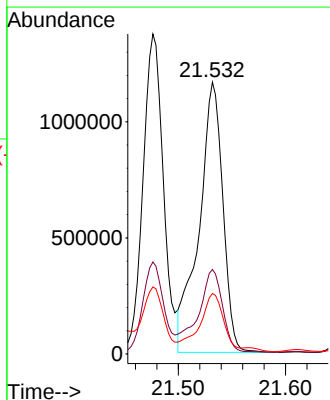
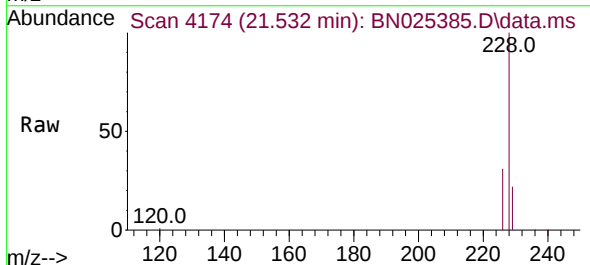
Manual Integrations
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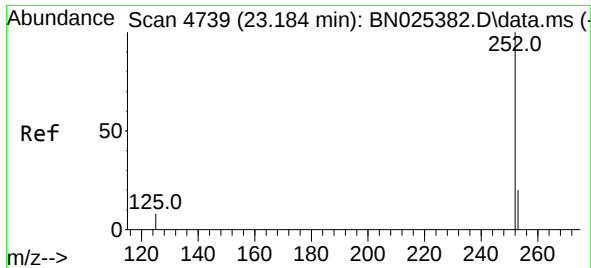
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#22
Chrysene
Concen: 27.554 ng/u1
RT: 21.532 min Scan# 4174
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

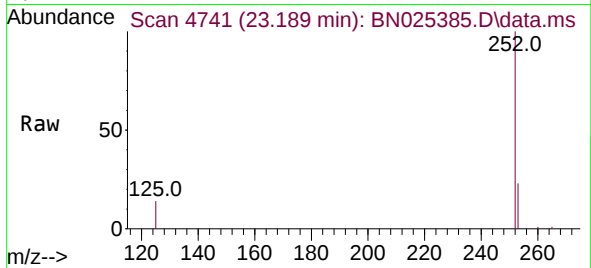
Tgt Ion:228 Resp: 1794871
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 23.754 ng/ul m
RT: 23.189 min Scan# 4739
Delta R.T. 0.005 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

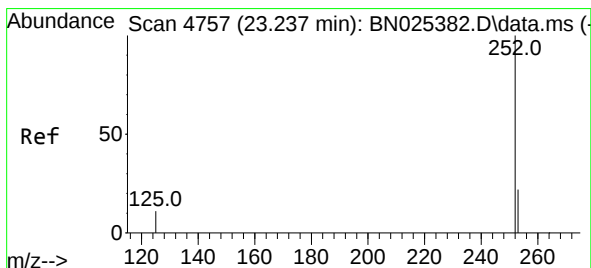
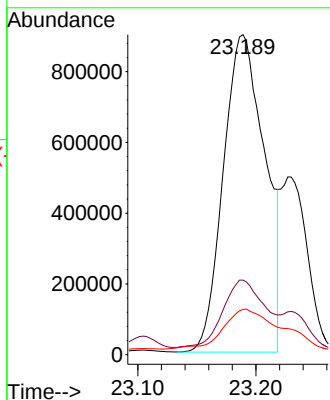
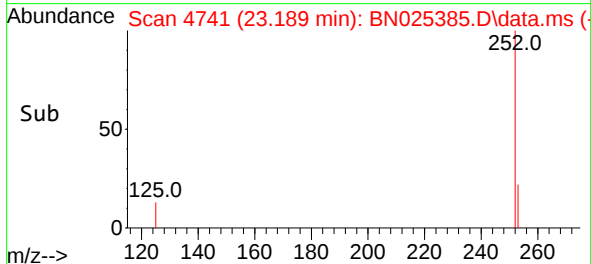
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 2202879
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 14.1 0.0 30.4

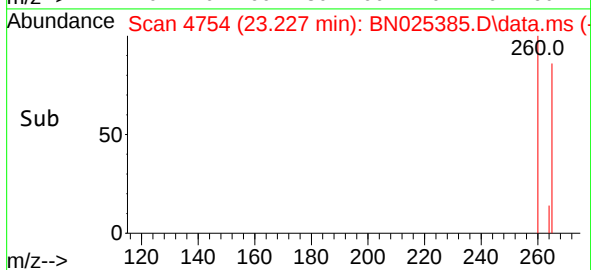
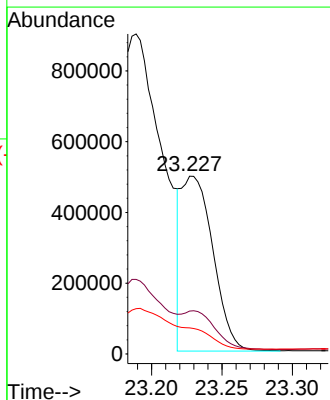
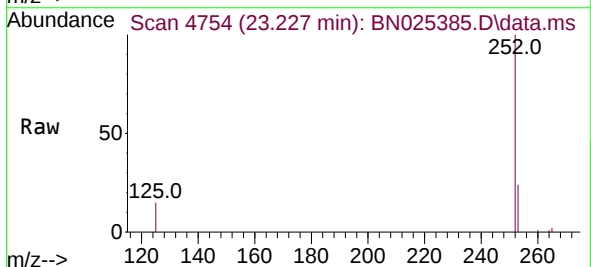
Manual Integrations
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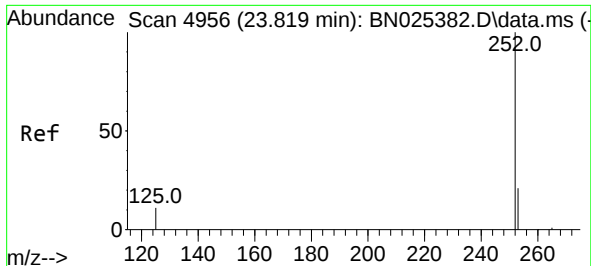
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 8.648 ng/ul m
RT: 23.227 min Scan# 4754
Delta R.T. -0.010 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

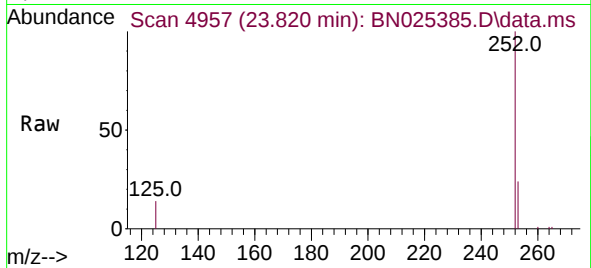
Tgt Ion:252 Resp: 771420
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.4
125 14.7 11.8 17.8





#26
Benzo(a)pyrene
Concen: 19.884 ng/ul
RT: 23.820 min Scan# 4956
Delta R.T. 0.002 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

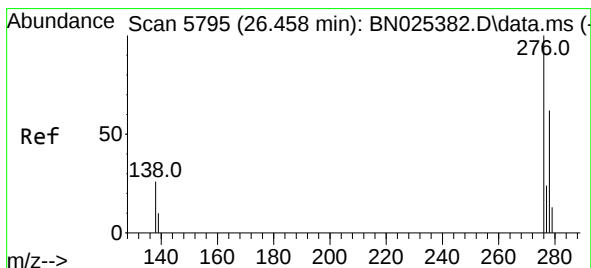
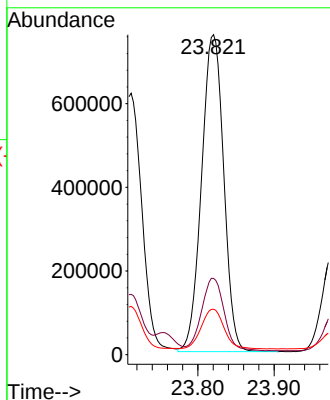
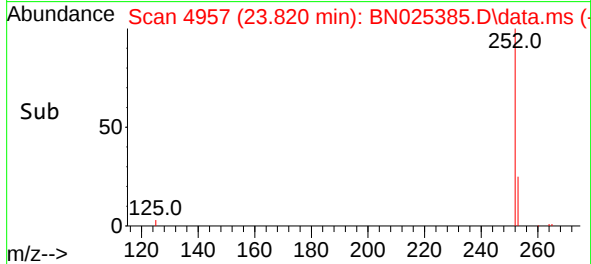
Instrument :
BNA_N
ClientSampleId :
EW975



Tgt Ion:252 Resp: 152565
Ion Ratio Lower Upper
252 100
253 23.8 21.4 32.2
125 14.2 14.6 22.0

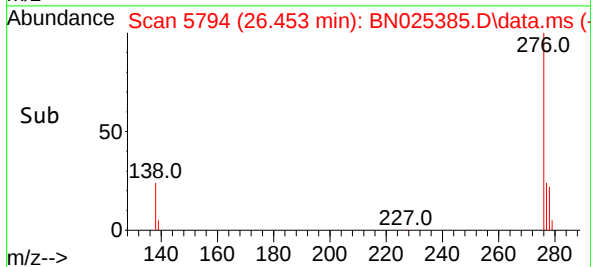
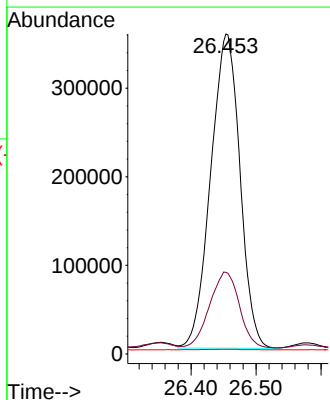
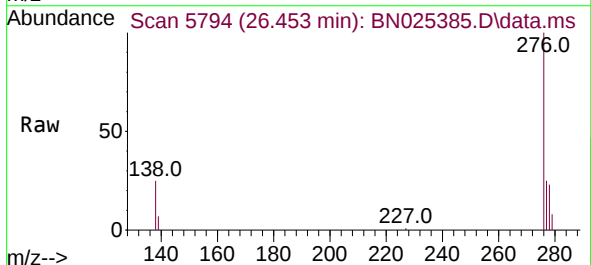
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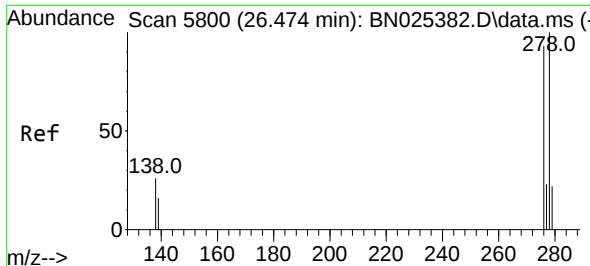
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 12.520 ng/ul
RT: 26.453 min Scan# 5794
Delta R.T. -0.004 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

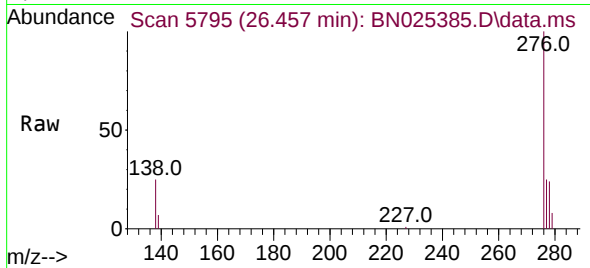
Tgt Ion:276 Resp: 1106855
Ion Ratio Lower Upper
276 100
138 24.5 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.267 ng/ul
RT: 26.457 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55

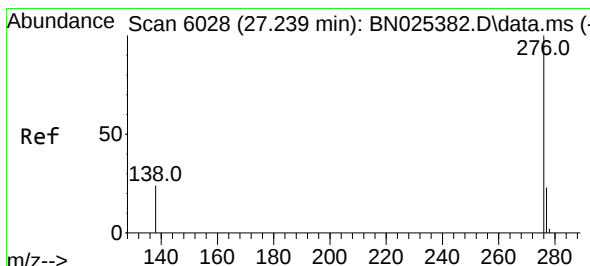
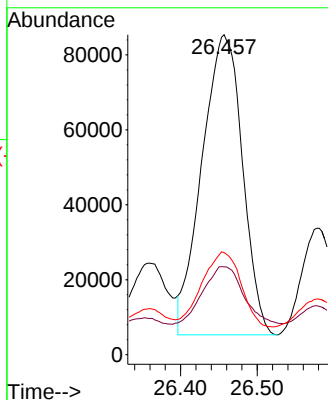
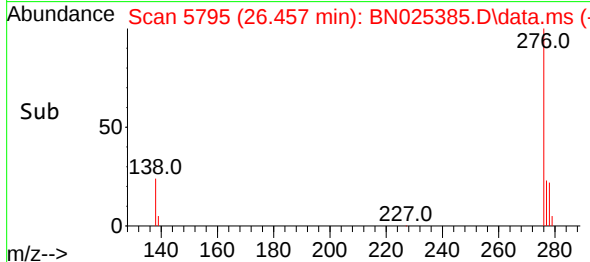
Instrument :
BNA_N
ClientSampleId :
EW975



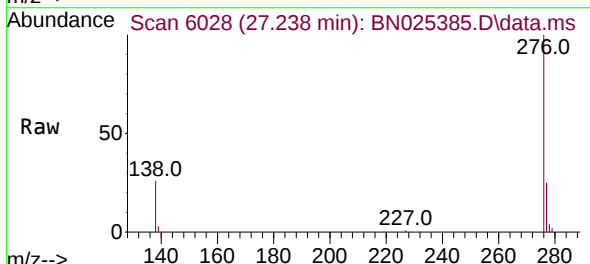
Tgt Ion:278 Resp: 294679
Ion Ratio Lower Upper
278 100
139 27.5 17.0 25.6
279 31.9 21.8 32.8

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



#29
Benzo(g,h,i)perylene
Concen: 14.326 ng/ul
RT: 27.238 min Scan# 6028
Delta R.T. -0.001 min
Lab File: BN025385.D
Acq: 10 May 2023 17:55



Tgt Ion:276 Resp: 1076879
Ion Ratio Lower Upper
276 100
138 26.1 20.3 30.5
277 24.8 19.8 29.6

