

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023451.D
 Acq On : 25 Dec 2022 16:43
 Operator : CG/JU
 Sample : N6017-22
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:24:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	6888	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	22270	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	29555	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	15570	0.400	ng/ul	# 0.00
23) Perylene-d12	24.026	264	14035	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	36425	4.867	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	15426	0.448	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	33125	0.588	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	134948	2.064	ng/ul	99
7) 2-Methylnaphthalene	12.465	142	25980	0.621	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	9568	0.222	ng/ul	100
10) Acenaphthylene	14.358	152	242506	3.918	ng/ul	99
11) Acenaphthene	14.701	153	14367	0.276	ng/ul	100
12) Fluorene	15.686	166	23683	0.404	ng/ul	99
15) Phenanthrene	17.428	178	566660	5.889	ng/ul	99
16) Anthracene	17.521	178	192689	2.414	ng/ul	99
19) Fluoranthene	19.448	202	2075987	27.485	ng/ul	99
20) Pyrene	19.815	202	1647581	21.638	ng/ul	96
21) Benzo(a)anthracene	21.562	228	1011116	16.680	ng/ul	95
22) Chrysene	21.617	228	996365	16.162	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	1218799m	16.790	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	415679m	6.099	ng/ul	
26) Benzo(a)pyrene	23.924	252	754386	13.125	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.582	276	553022	8.244	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.595	278	141380	2.717	ng/ul	99
29) Benzo(g,h,i)perylene	27.377	276	533299	9.753	ng/ul	98

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

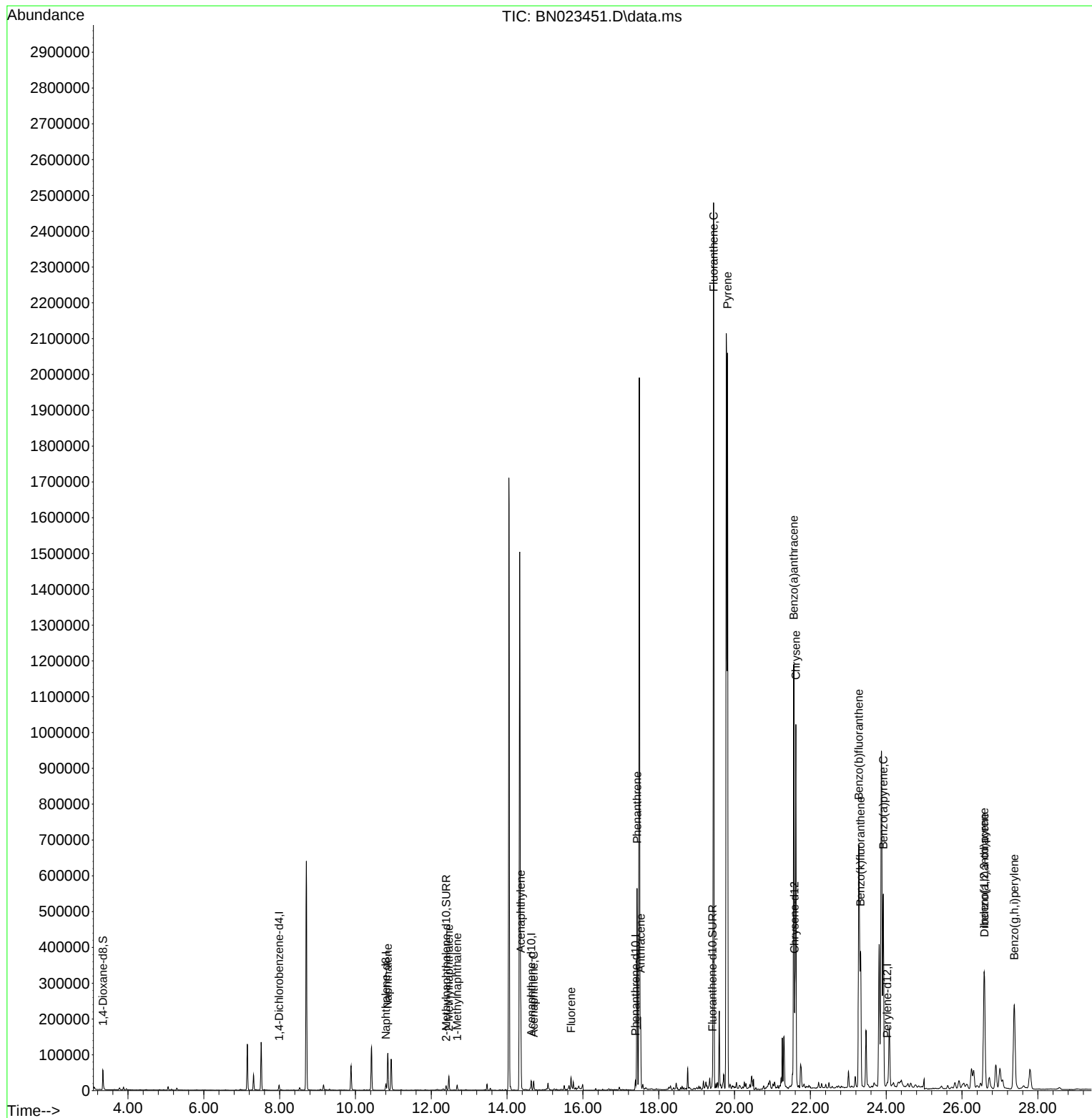
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023451.D
Acq On : 25 Dec 2022 16:43
Operator : CG/JU
Sample : N6017-22
Misc :
ALS Vial : 80 Sample Multiplier: 1

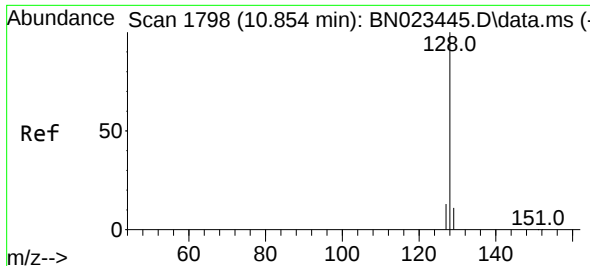
Instrument :
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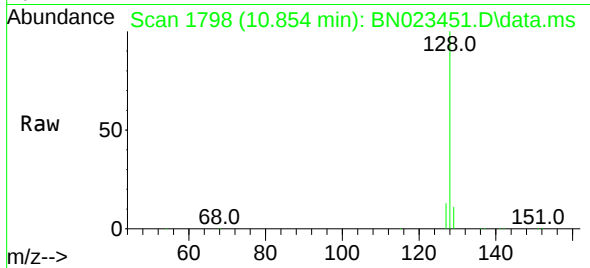
Quant Time: Dec 26 01:24:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.064 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

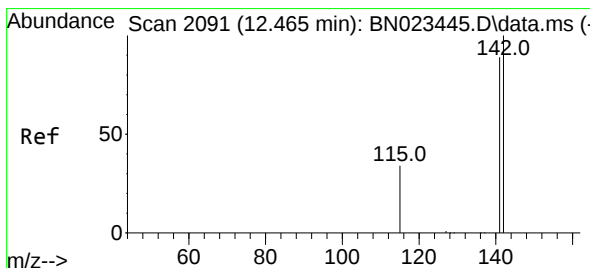
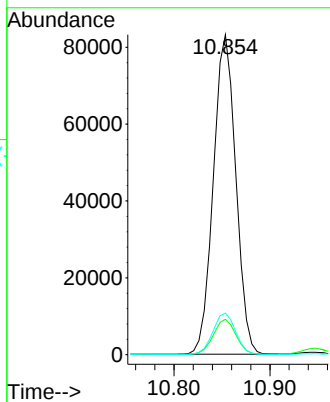
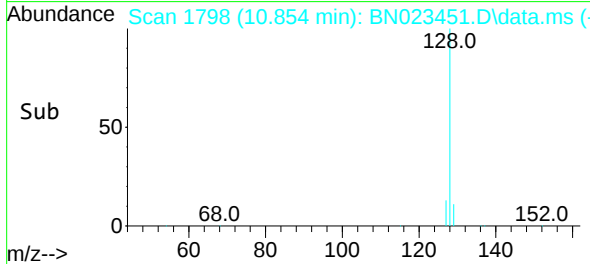
Instrument :
BNA_N
ClientSampleId :
DBYH1



Tgt Ion:128 Resp: 13494
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.0 10.7 16.1

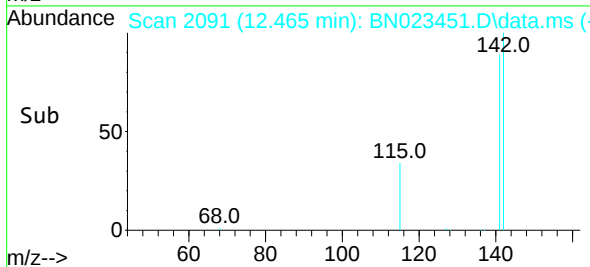
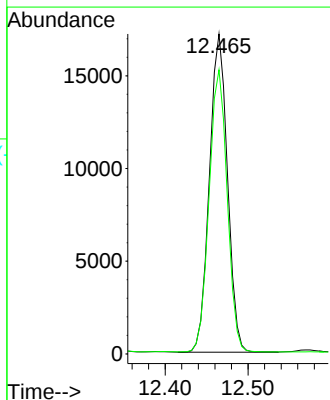
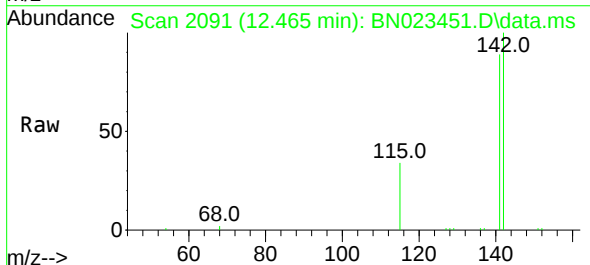
Manual Integrations
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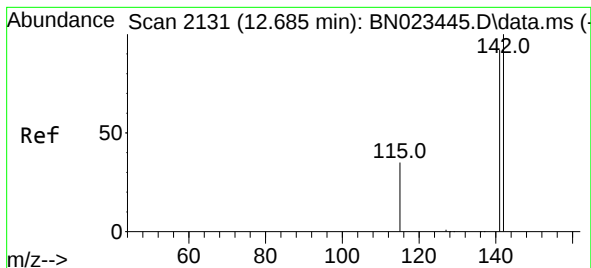
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.621 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

Tgt Ion:142 Resp: 25980
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2





#8

1-Methylnaphthalene

Concen: 0.222 ng/ul

RT: 12.685 min Scan# 2131

Delta R.T. -0.000 min

Lab File: BN023451.D

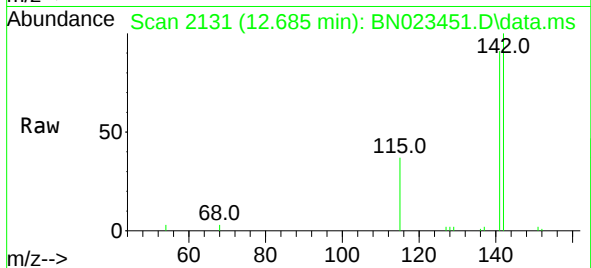
Acq: 25 Dec 2022 16:43

Instrument :

BNA_N

ClientSampleId :

DBYH1



Tgt Ion:142 Resp: 956

Ion Ratio Lower Upper

142 100

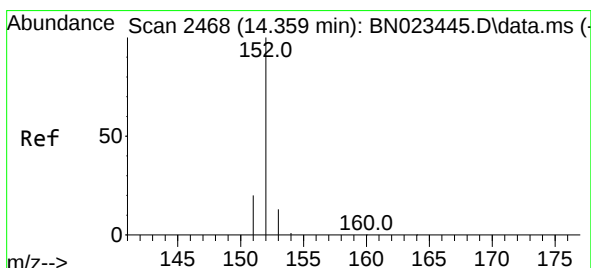
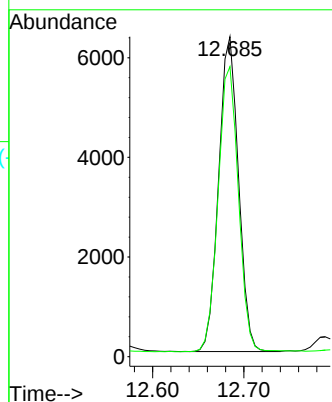
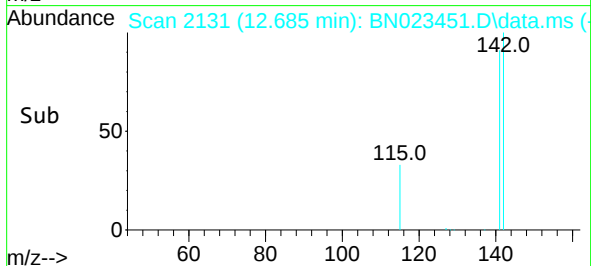
141 92.9 74.0 111.0

Manual Integrations

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Supervised By :Sohil Jodhani 12/26/2022



#10

Acenaphthylene

Concen: 3.918 ng/ul

RT: 14.358 min Scan# 2468

Delta R.T. -0.000 min

Lab File: BN023451.D

Acq: 25 Dec 2022 16:43

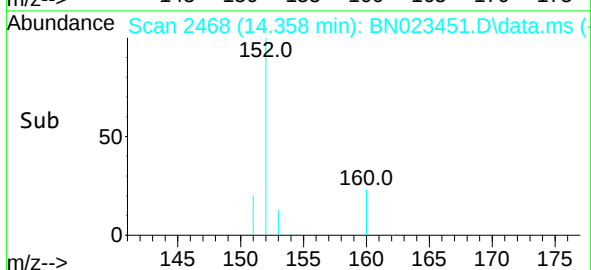
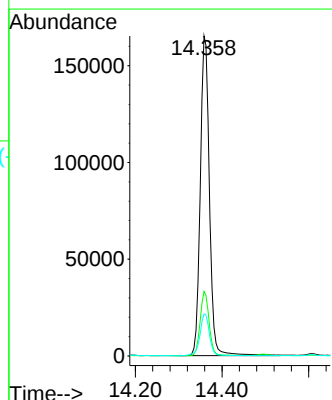
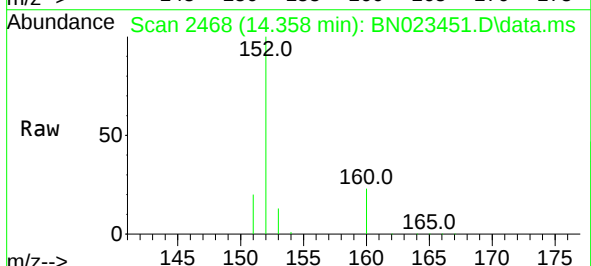
Tgt Ion:152 Resp: 242506

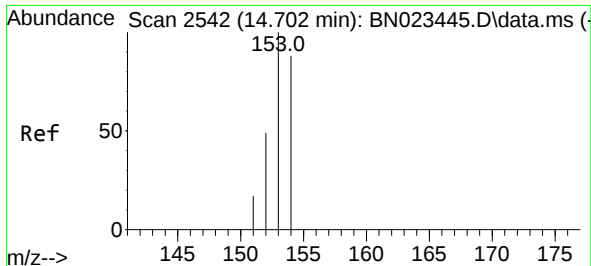
Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

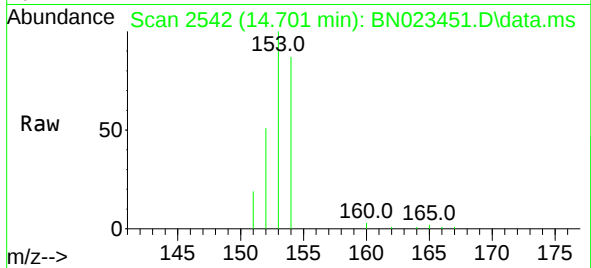
153 13.1 10.9 16.3





#11
Acenaphthene
Concen: 0.276 ng/u1
RT: 14.701 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

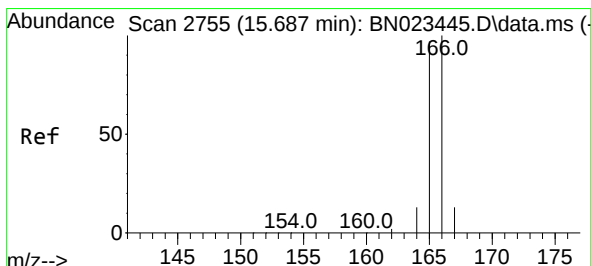
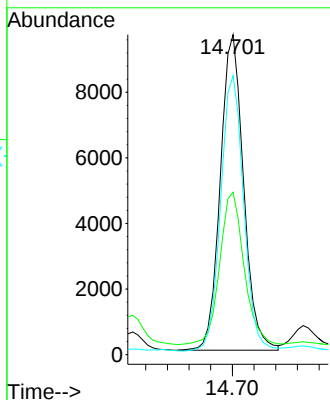
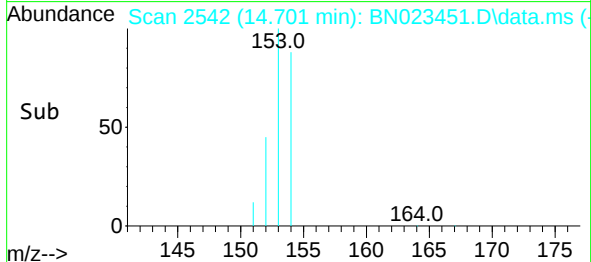
Instrument :
BNA_N
ClientSampleId :
DBYH1



Tgt Ion:153 Resp: 1436
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.4
154 87.3 69.5 104.3

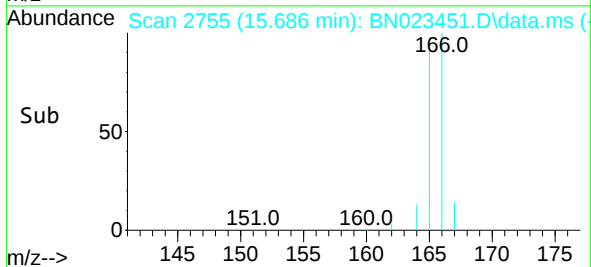
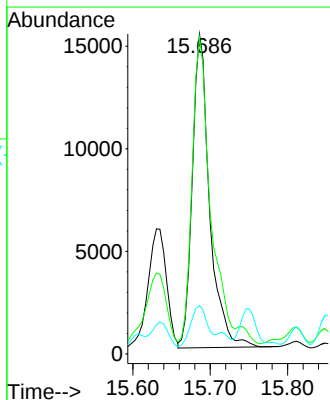
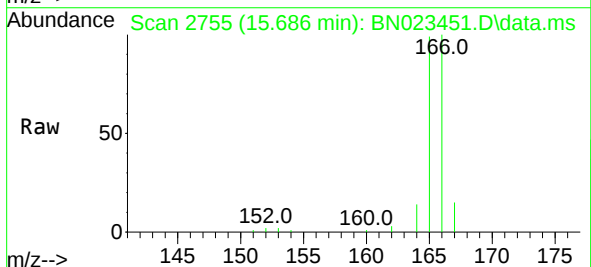
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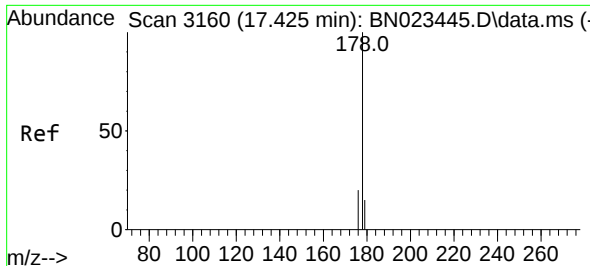
Reviewed By :Jagrut Upadhyay 12/25/2022
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#12
Fluorene
Concen: 0.404 ng/u1
RT: 15.686 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

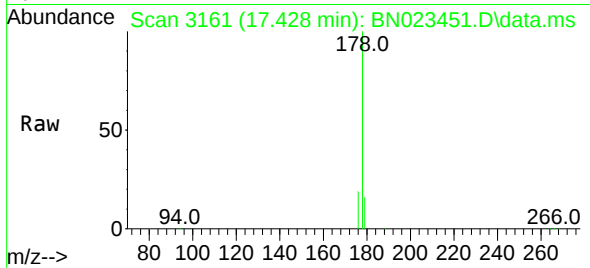
Tgt Ion:166 Resp: 23683
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 15.2 11.0 16.4





#15
Phenanthrene
Concen: 5.889 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

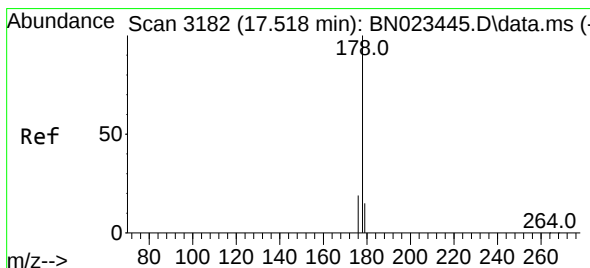
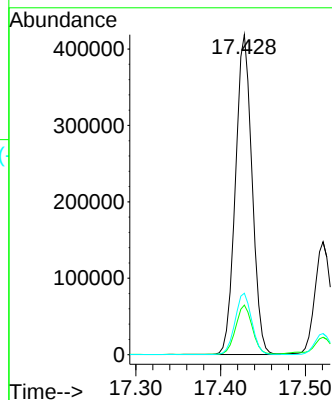
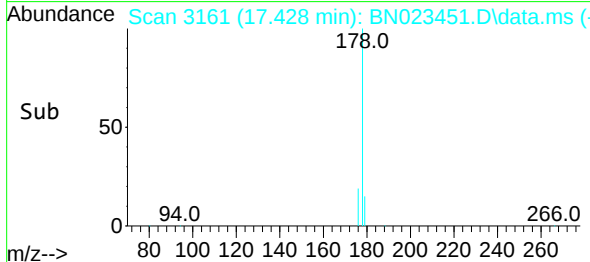
Instrument :
BNA_N
ClientSampleId :
DBYH1



Tgt Ion:178 Resp: 566660
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.2 15.7 23.5

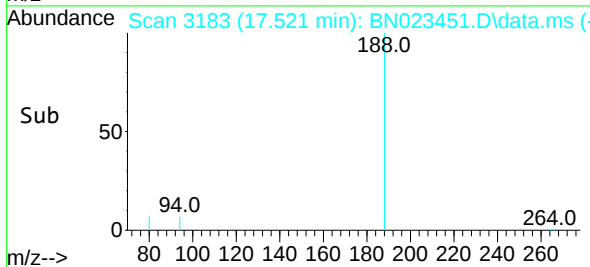
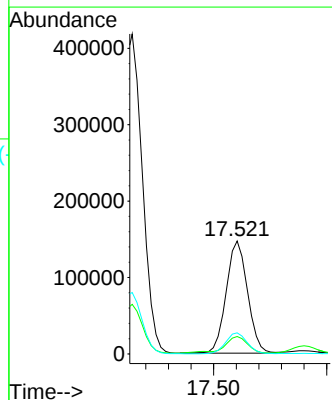
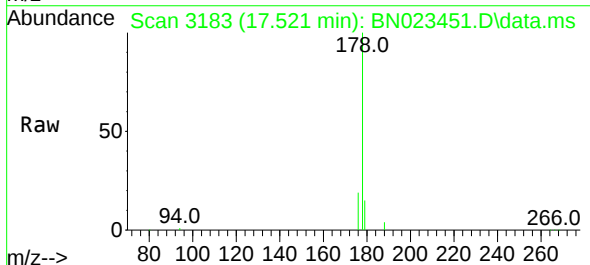
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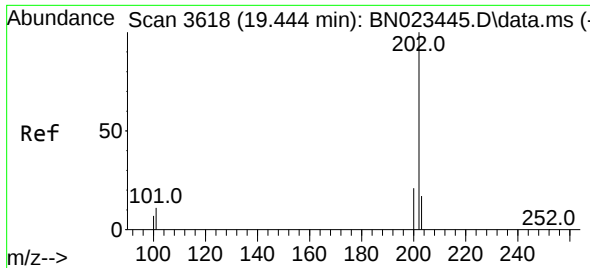
Reviewed By :Jagrut Upadhyay 12/25/2022
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#16
Anthracene
Concen: 2.414 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

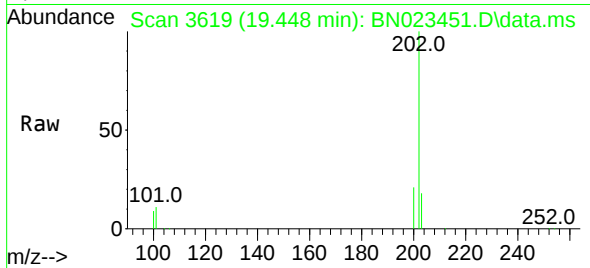
Tgt Ion:178 Resp: 192689
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.8 15.4 23.0





#19
Fluoranthene
Concen: 27.485 ng/u1
RT: 19.448 min Scan# 3619
Delta R.T. 0.005 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

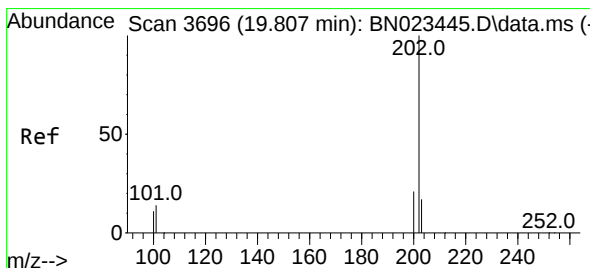
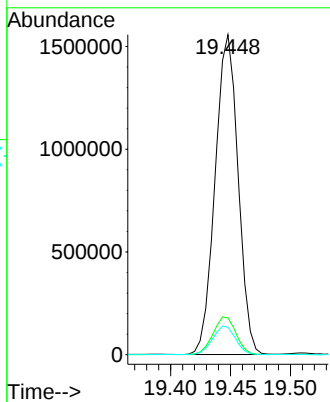
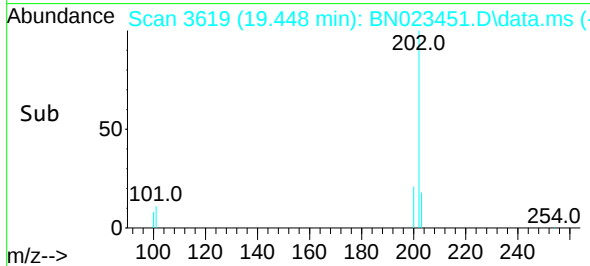
Instrument :
BNA_N
ClientSampleId :
DBYH1



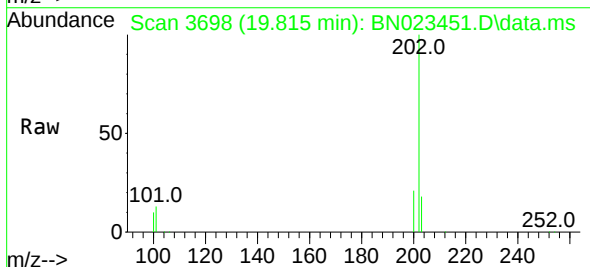
Tgt Ion:202 Resp: 207598
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 8.5 7.0 10.6

Manual Integrations
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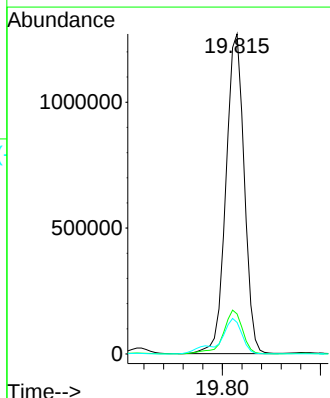
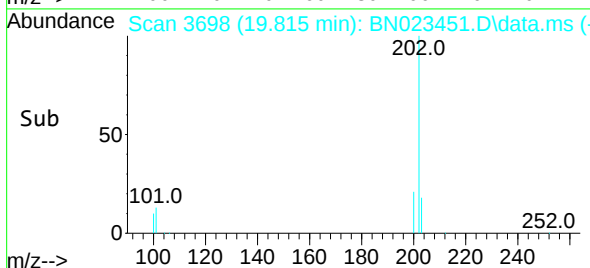
Reviewed By :Jagrut Upadhyay 12/25/2022
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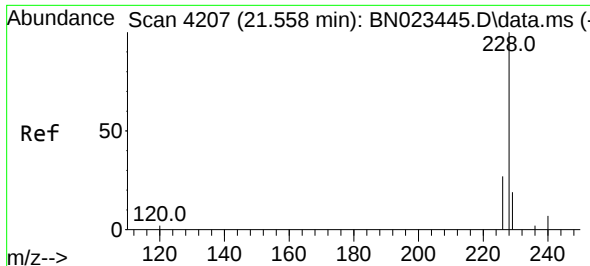


#20
Pyrene
Concen: 21.638 ng/u1
RT: 19.815 min Scan# 3698
Delta R.T. 0.009 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43



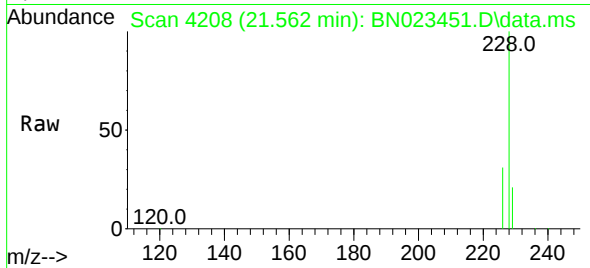
Tgt Ion:202 Resp: 1647581
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 9.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 16.680 ng/u1
RT: 21.562 min Scan# 4208
Delta R.T. 0.006 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

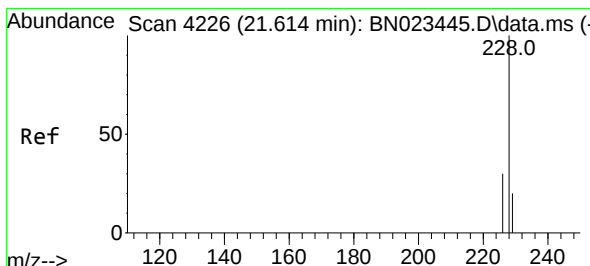
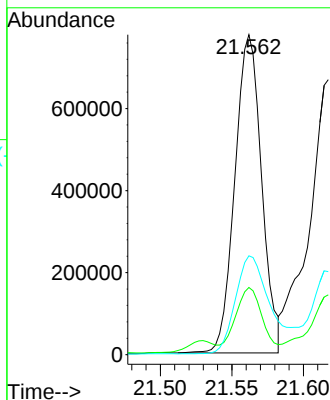
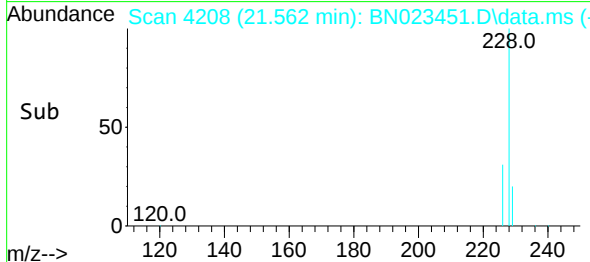
Instrument :
BNA_N
ClientSampleId :
DBYH1



Tgt Ion:228 Resp: 1011110
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 30.9 22.2 33.2

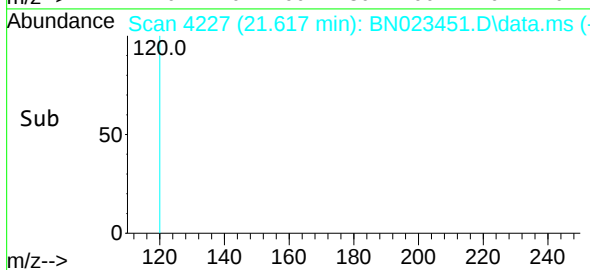
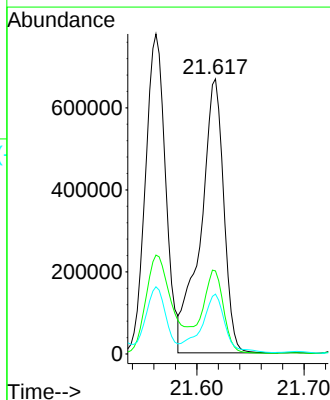
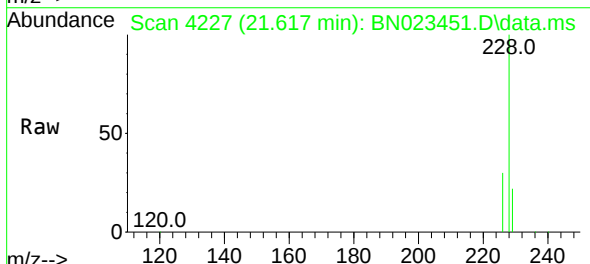
Manual Integrations
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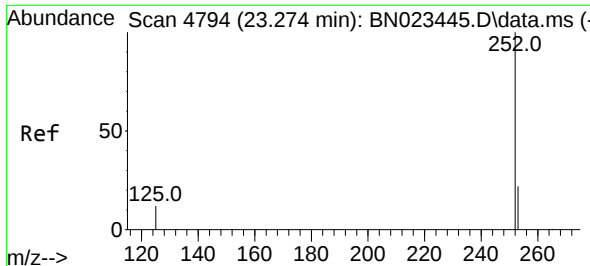
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Sohil Jodhani 12/26/2022



#22
Chrysene
Concen: 16.162 ng/u1
RT: 21.617 min Scan# 4227
Delta R.T. 0.006 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

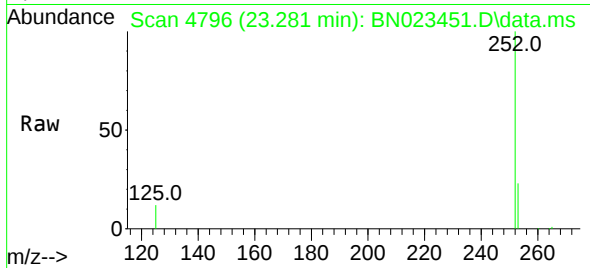
Tgt Ion:228 Resp: 996365
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 16.790 ng/ul m
RT: 23.281 min Scan# 4796
Delta R.T. 0.012 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

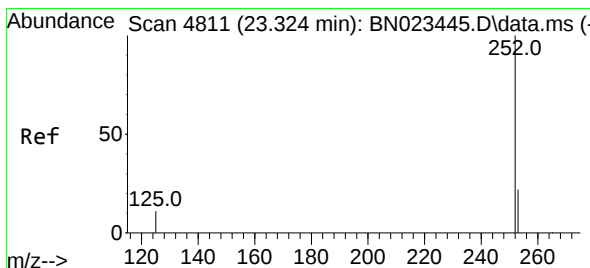
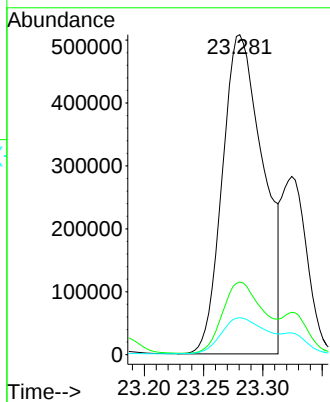
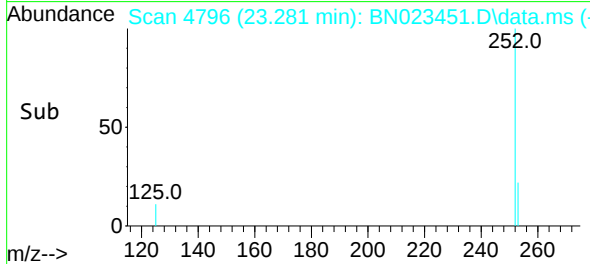
Instrument :
BNA_N
ClientSampleId :
DBYH1



Tgt Ion:252 Resp: 1218799
Ion Ratio Lower Upper
252 100
253 22.7 0.0 49.2
125 11.5 0.0 31.8

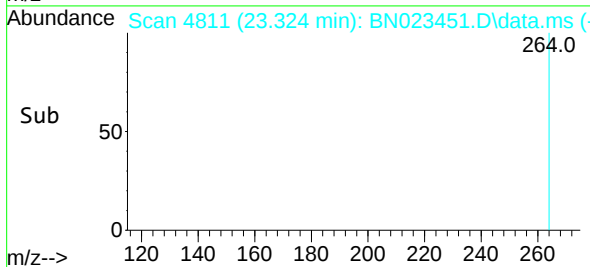
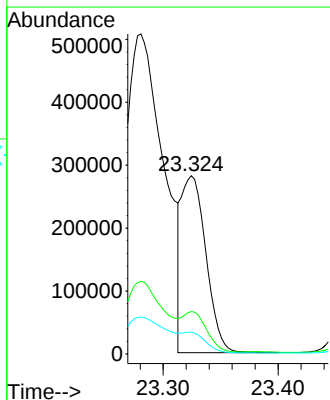
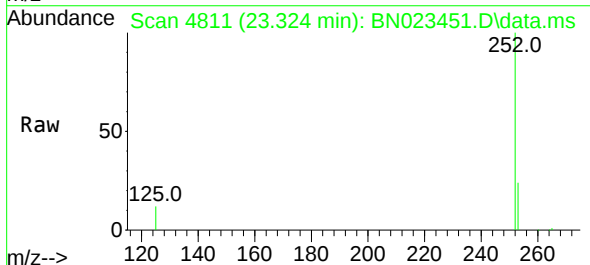
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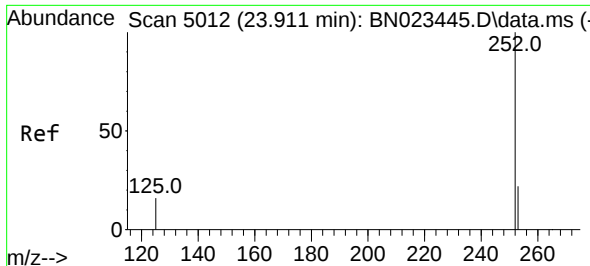
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 6.099 ng/ul m
RT: 23.324 min Scan# 4811
Delta R.T. 0.006 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

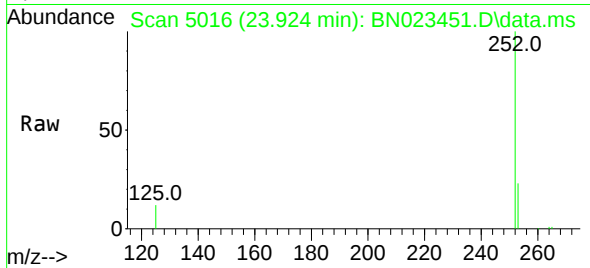
Tgt Ion:252 Resp: 415679
Ion Ratio Lower Upper
252 100
253 23.8 19.8 29.6
125 12.2 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 13.125 ng/ul
RT: 23.924 min Scan# 5016
Delta R.T. 0.015 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

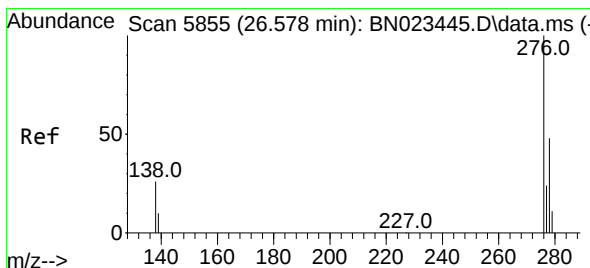
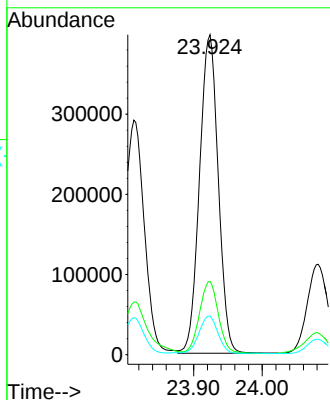
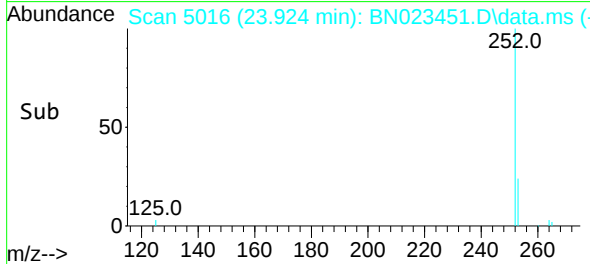
Instrument :
BNA_N
ClientSampleId :
DBYH1



Tgt Ion:252 Resp: 754380
Ion Ratio Lower Upper
252 100
253 22.9 21.4 32.2
125 12.1 16.2 24.4

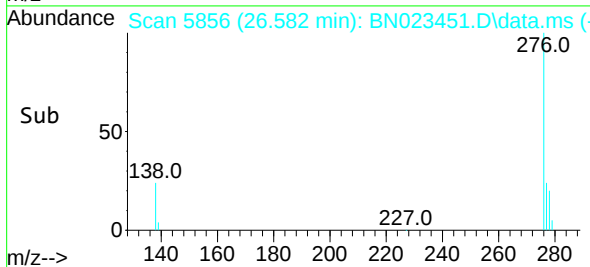
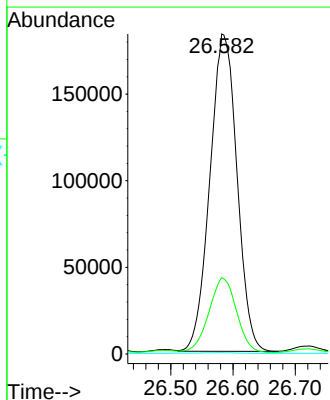
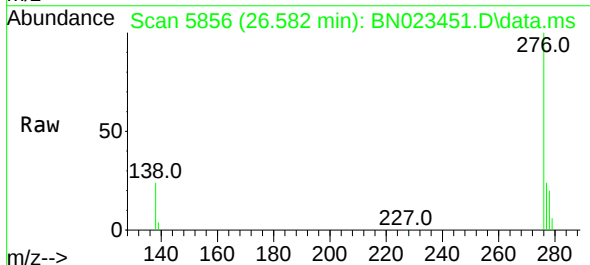
Manual Integrations
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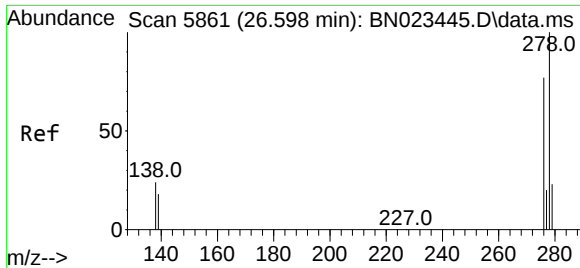
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Sohil Jodhani 12/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.244 ng/ul
RT: 26.582 min Scan# 5856
Delta R.T. 0.007 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

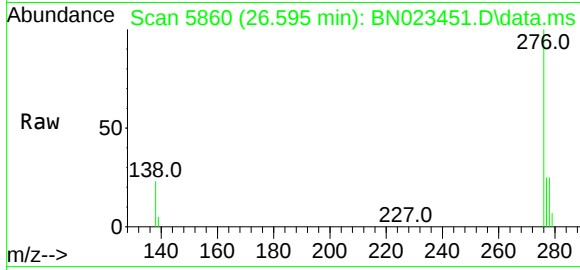
Tgt Ion:276 Resp: 553022
Ion Ratio Lower Upper
276 100
138 23.9 23.4 35.2
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.717 ng/ul
RT: 26.595 min Scan# 5860
Delta R.T. -0.003 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43

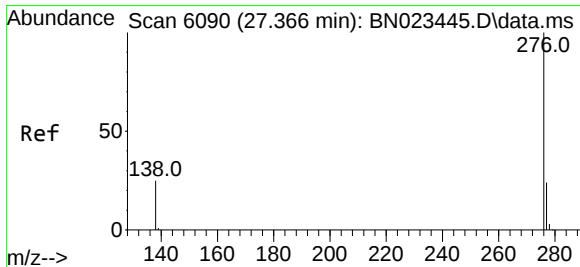
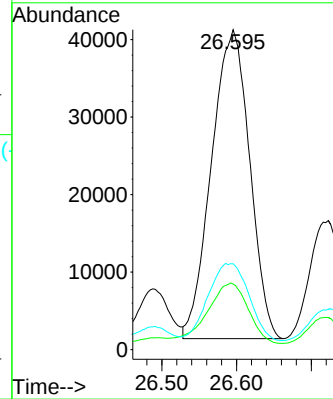
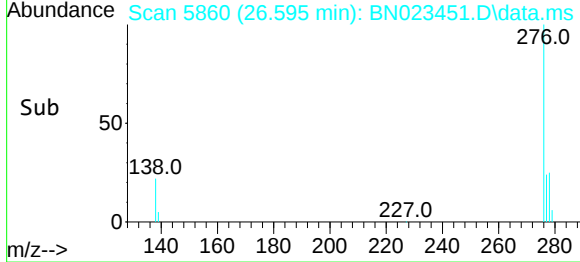
Instrument : BNA_N
ClientSampleId : DBYH1



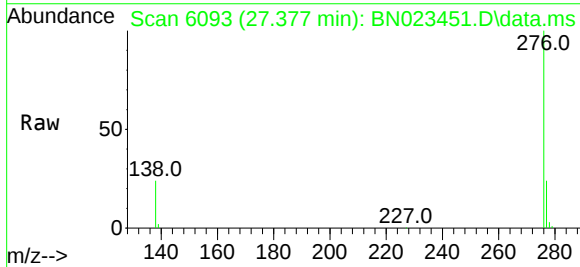
Tgt Ion:278 Resp: 141380
Ion Ratio Lower Upper
278 100
139 20.5 16.6 24.8
279 26.9 21.3 31.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Sohil Jodhani 12/26/2022



#29
Benzo(g,h,i)perylene
Concen: 9.753 ng/ul
RT: 27.377 min Scan# 6093
Delta R.T. 0.010 min
Lab File: BN023451.D
Acq: 25 Dec 2022 16:43



Tgt Ion:276 Resp: 533299
Ion Ratio Lower Upper
276 100
138 24.0 20.3 30.5
277 24.2 19.7 29.5

