

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023449.D
 Acq On : 25 Dec 2022 14:46
 Operator : CG/JU
 Sample : N6017-20
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYG8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:23:54 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	7334	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	24185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14075	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	31189	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	20469	0.400	ng/ul	# 0.00
23) Perylene-d12	24.022	264	16149	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	13689	1.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	4910	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.414	212	11982	0.162	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.852	128	6146	0.087	ng/ul	96
7) 2-Methylnaphthalene	12.464	142	5690	0.125	ng/ul	100
8) 1-Methylnaphthalene	12.684	142	5814	0.124	ng/ul	100
10) Acenaphthylene	14.357	152	4969	0.080	ng/ul#	92
11) Acenaphthene	14.699	153	41610	0.792	ng/ul	98
12) Fluorene	15.685	166	45518	0.770	ng/ul	99
15) Phenanthrene	17.427	178	1513061	14.900	ng/ul	100
16) Anthracene	17.520	178	297019	3.526	ng/ul	99
19) Fluoranthene	19.447	202	2405567	24.226	ng/ul	100
20) Pyrene	19.814	202	1746995m	17.453	ng/ul	
21) Benzo(a)anthracene	21.558	228	814257	10.217	ng/ul	99
22) Chrysene	21.613	228	823684	10.163	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	750113m	8.981	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	263238m	3.357	ng/ul	
26) Benzo(a)pyrene	23.914	252	415910	6.289	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.577	276	279963	3.627	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.591	278	76604	1.279	ng/ul	98
29) Benzo(g,h,i)perylene	27.369	276	231951	3.687	ng/ul	98

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

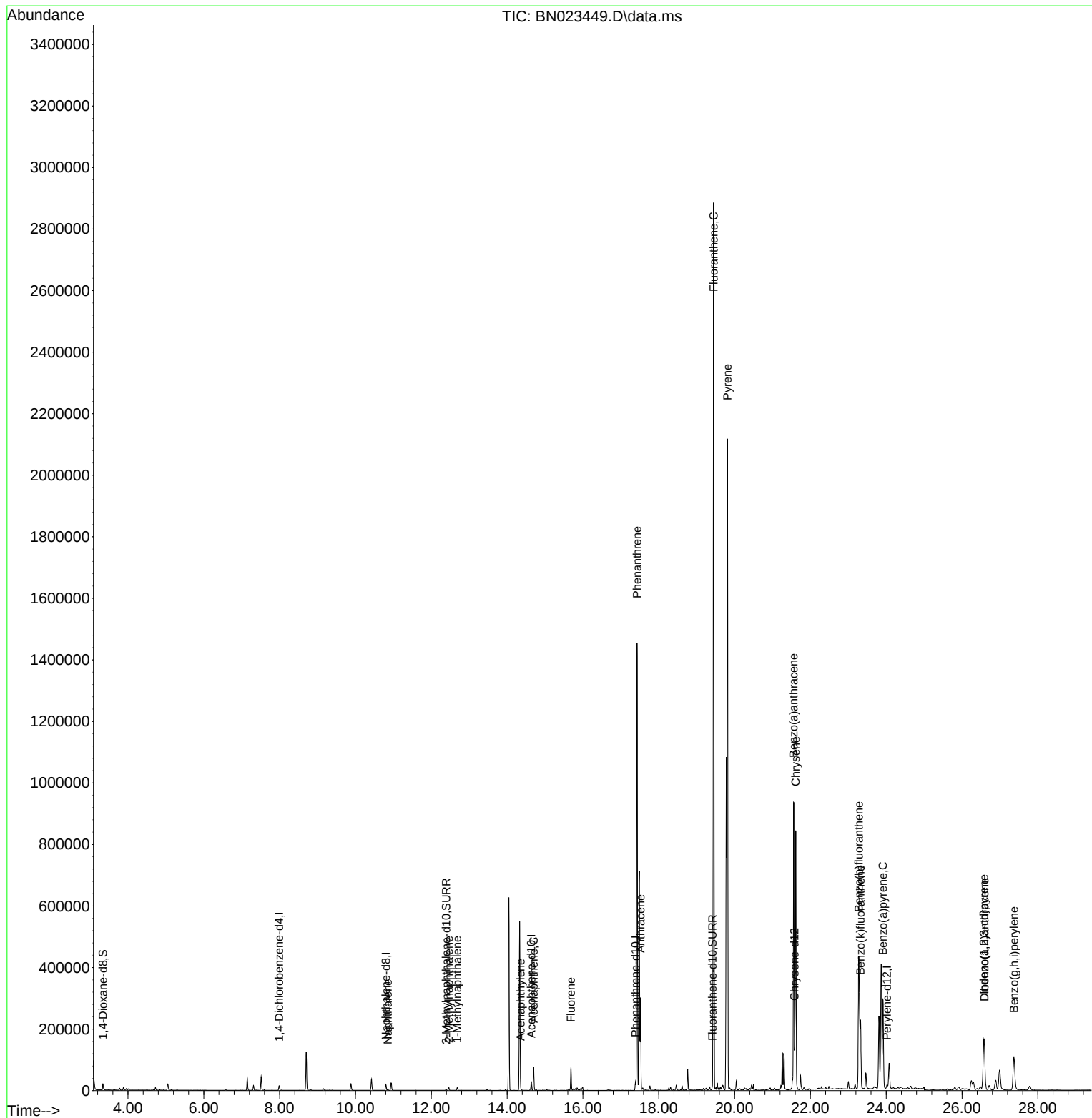
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023449.D
Acq On : 25 Dec 2022 14:46
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ALS Vial : 78 Sample Multiplier: 1

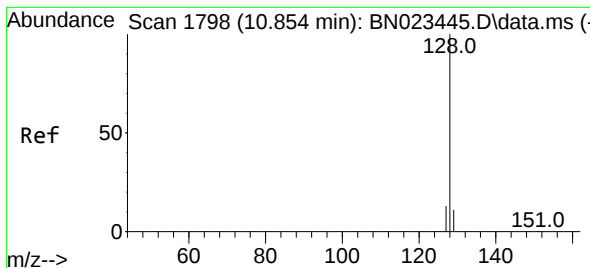
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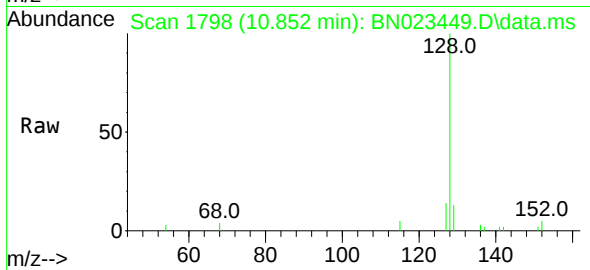
Quant Time: Dec 26 01:23:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.852 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

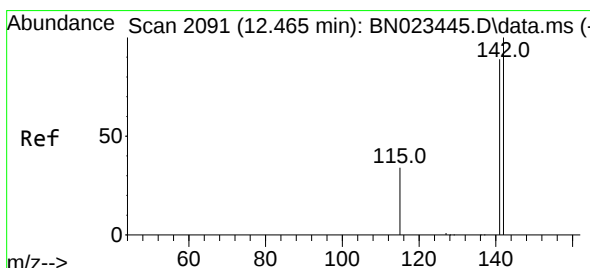
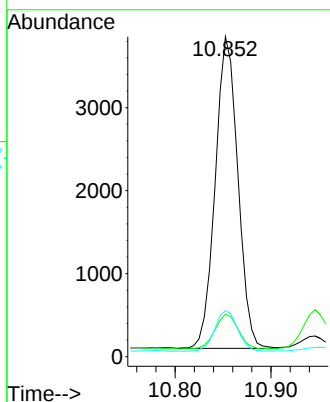
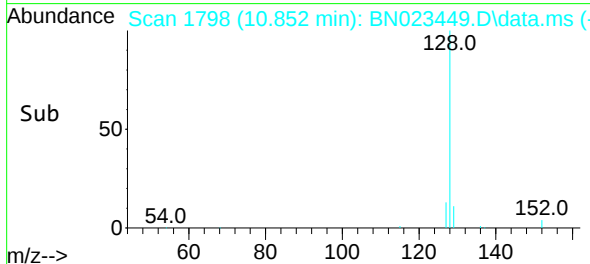
Instrument :
BNA_N
ClientSampleId :
DBYG8



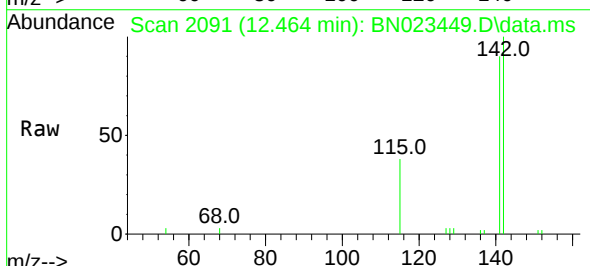
Tgt Ion:128 Resp: 6140
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 14.4 10.7 16.1

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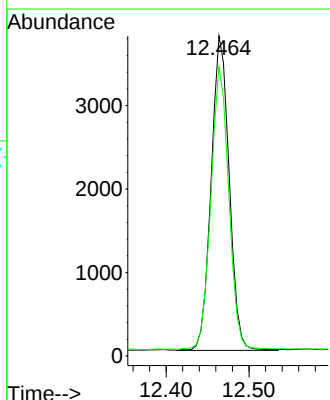
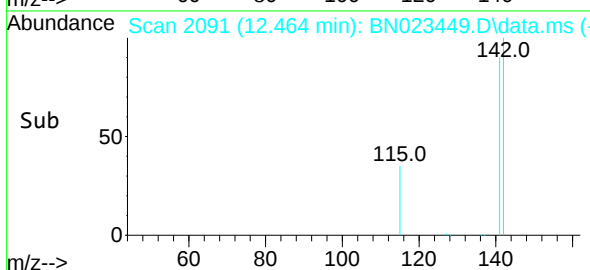
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

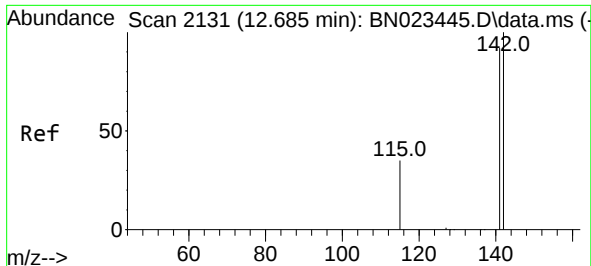


#7
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.464 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46



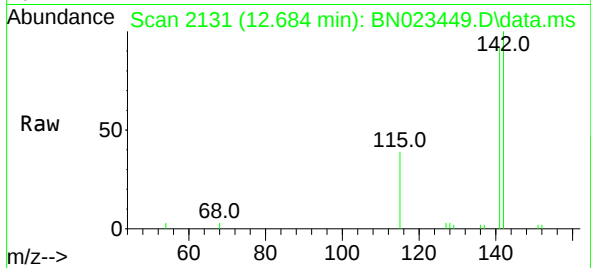
Tgt Ion:142 Resp: 5690
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.684 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

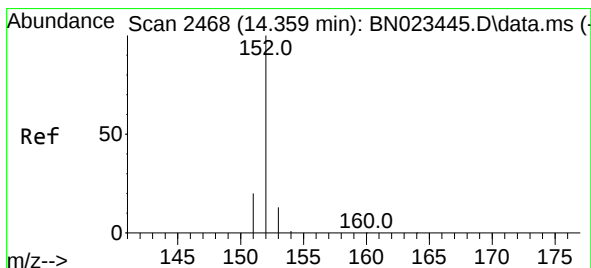
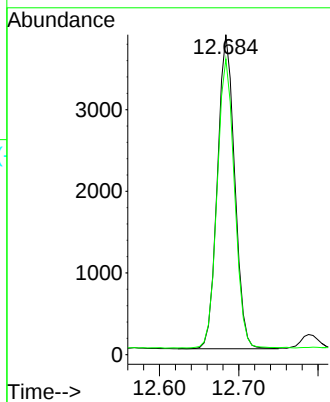
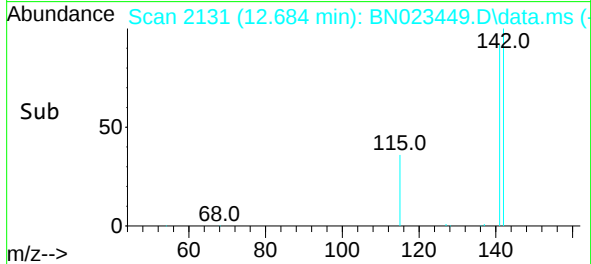
Instrument :
BNA_N
ClientSampleId :
DBYG8



Tgt Ion:142 Resp: 5814
Ion Ratio Lower Upper
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141 92.7 74.0 111.0

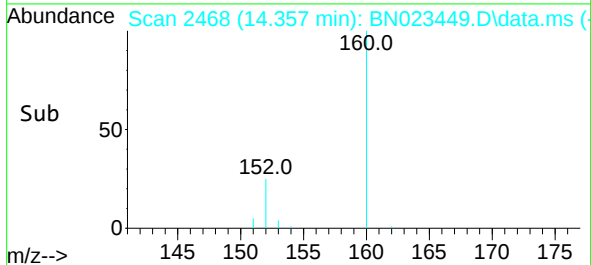
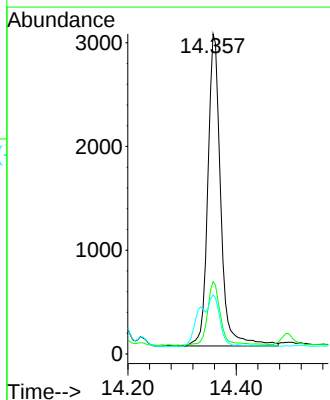
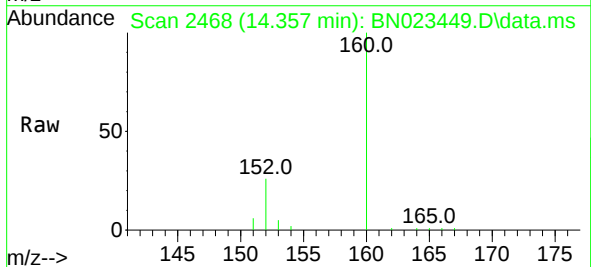
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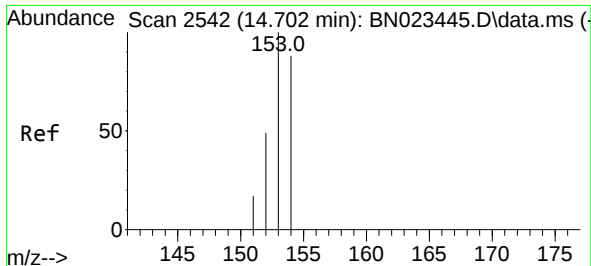
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.357 min Scan# 2468
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

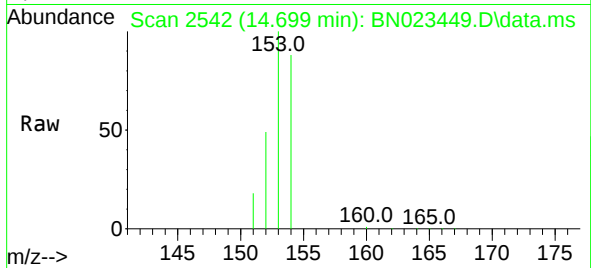
Tgt Ion:152 Resp: 4969
Ion Ratio Lower Upper
152 100
151 22.6 16.1 24.1
153 18.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.792 ng/ul
RT: 14.699 min Scan# 2542
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

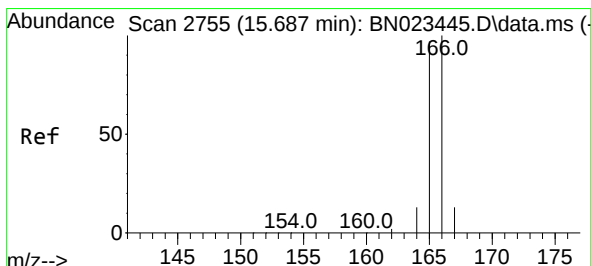
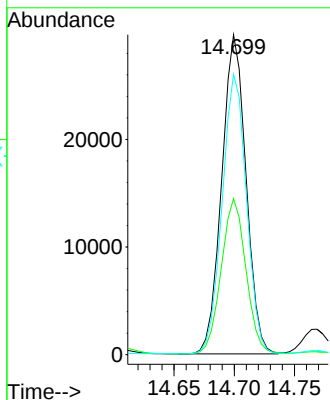
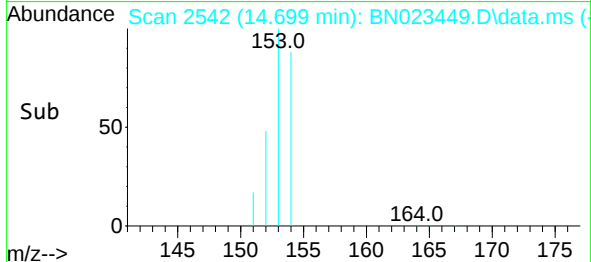
Instrument :
BNA_N
ClientSampleId :
DBYG8



Tgt Ion:153 Resp: 41610
Ion Ratio Lower Upper
153 100
152 48.7 41.0 61.4
154 87.6 69.5 104.3

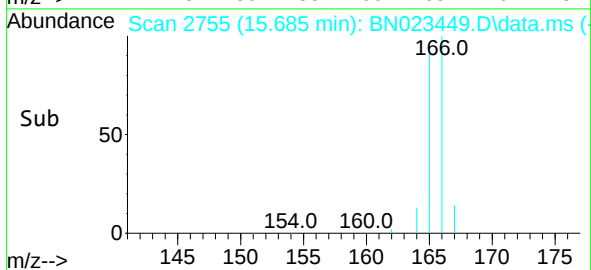
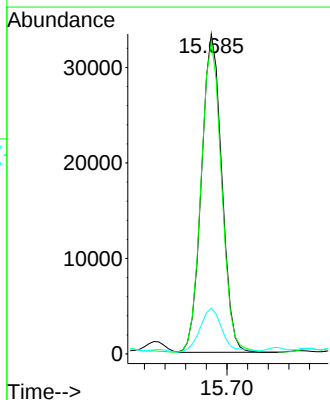
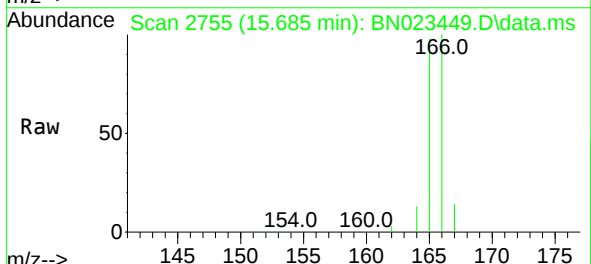
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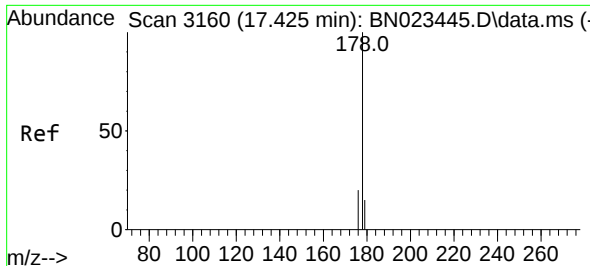
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#12
Fluorene
Concen: 0.770 ng/ul
RT: 15.685 min Scan# 2755
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

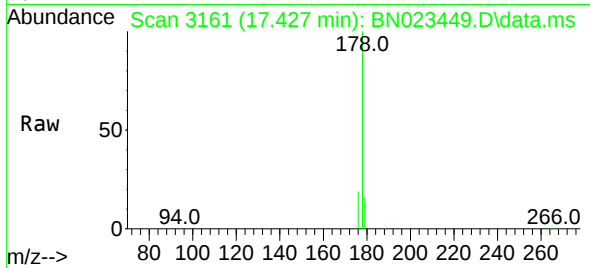
Tgt Ion:166 Resp: 45518
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 14.3 11.0 16.4





#15
Phenanthrene
Concen: 14.900 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

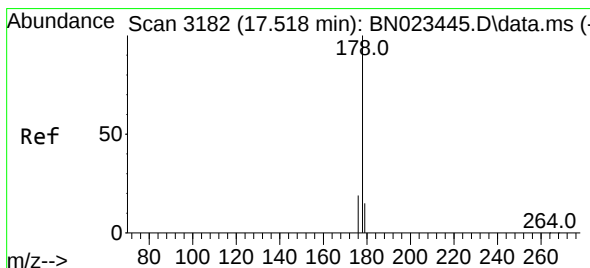
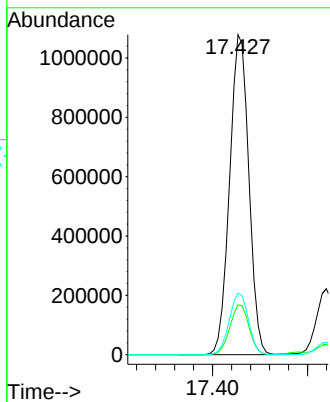
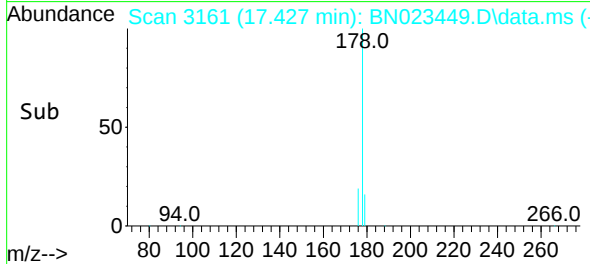
Instrument :
BNA_N
ClientSampleId :
DBYG8



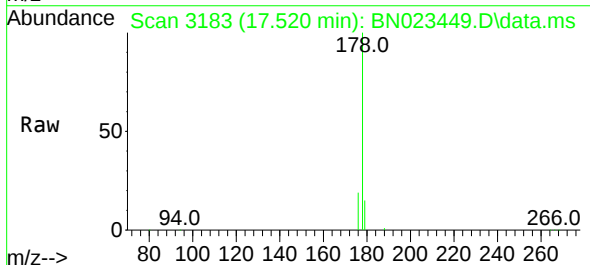
Tgt Ion:178 Resp: 151306
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.7 23.5

Manual Integrations
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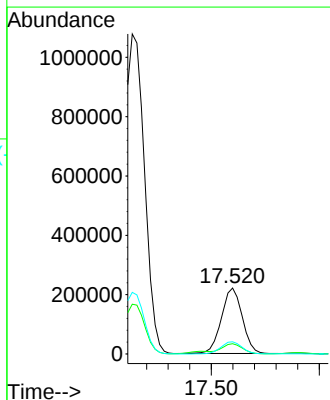
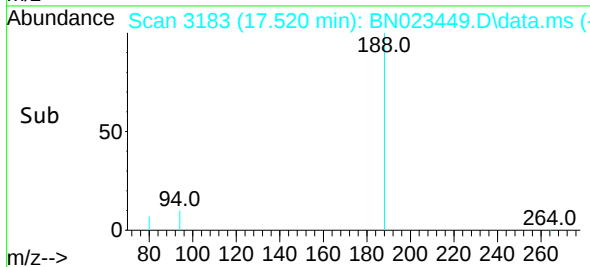
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

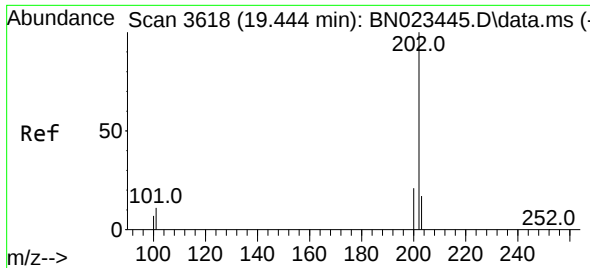


#16
Anthracene
Concen: 3.526 ng/ul
RT: 17.520 min Scan# 3183
Delta R.T. -0.001 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46



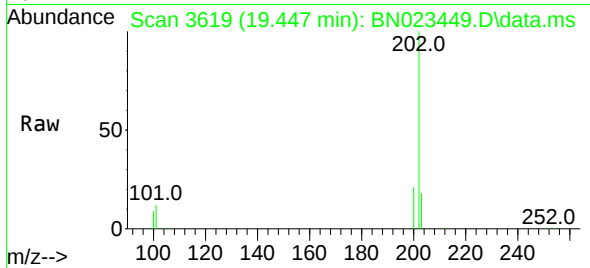
Tgt Ion:178 Resp: 297019
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.6 15.4 23.0





#19
Fluoranthene
Concen: 24.226 ng/ul
RT: 19.447 min Scan# 3618
Delta R.T. 0.003 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

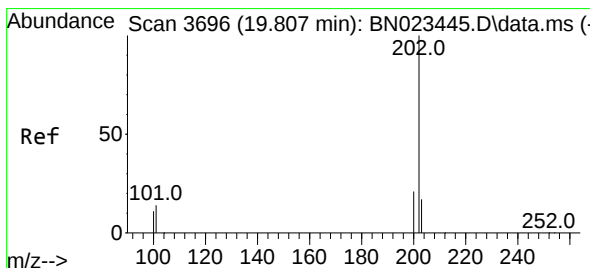
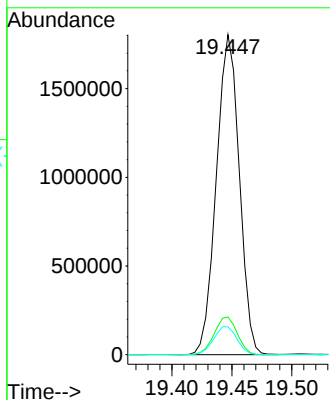
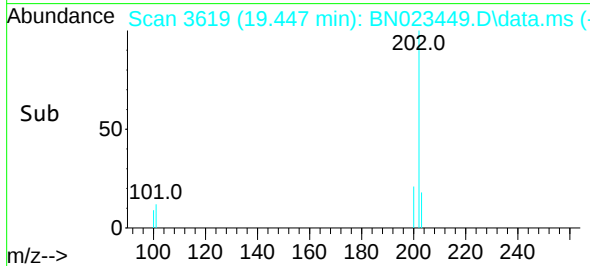
Instrument :
BNA_N
ClientSampleId :
DBYG8



Tgt Ion:202 Resp: 240556
Ion Ratio Lower Upper
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101 11.8 9.4 14.2
100 8.7 7.0 10.6

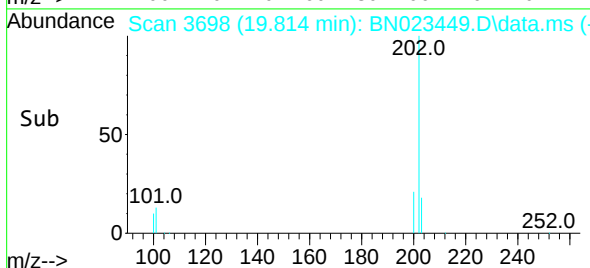
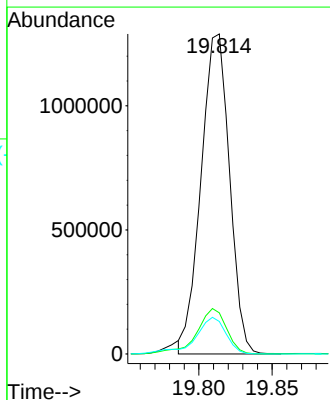
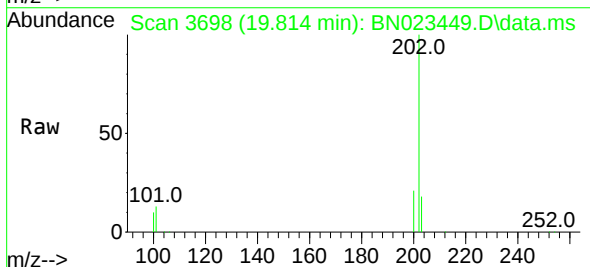
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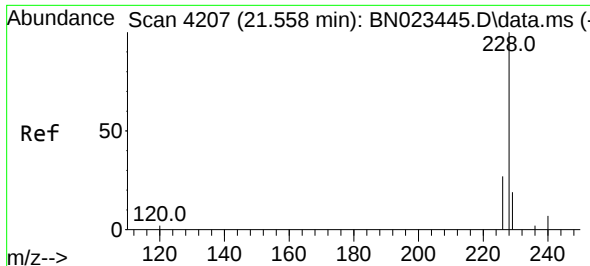
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 17.453 ng/ul m
RT: 19.814 min Scan# 3698
Delta R.T. 0.008 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

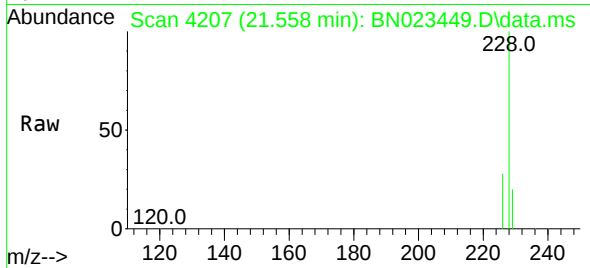
Tgt Ion:202 Resp: 1746995
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 10.2 9.0 13.4





#21
Benzo(a)anthracene
Concen: 10.217 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. 0.002 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

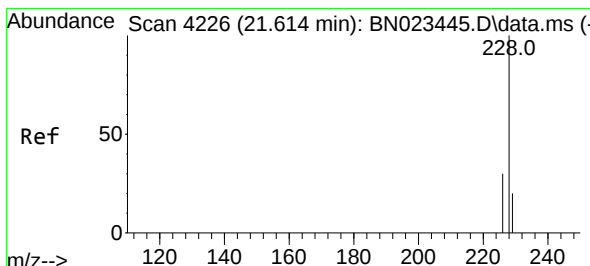
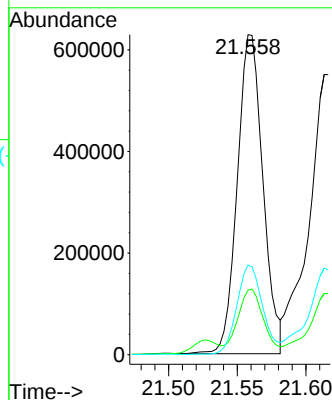
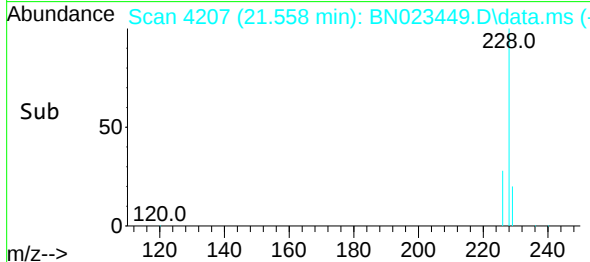
Instrument :
BNA_N
ClientSampleId :
DBYG8



Tgt Ion:228 Resp: 81425
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 28.0 22.2 33.2

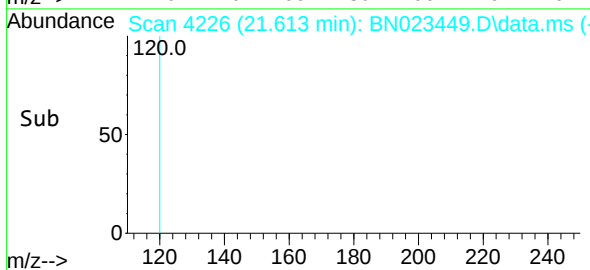
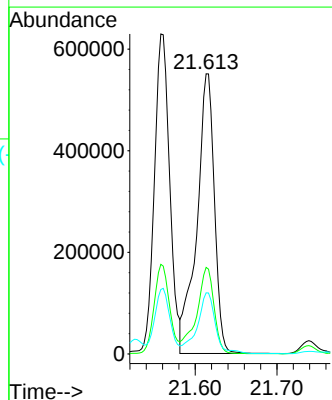
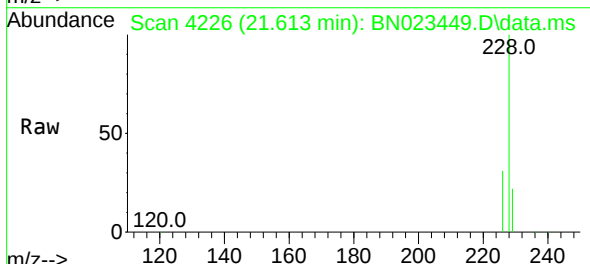
Manual Integrations
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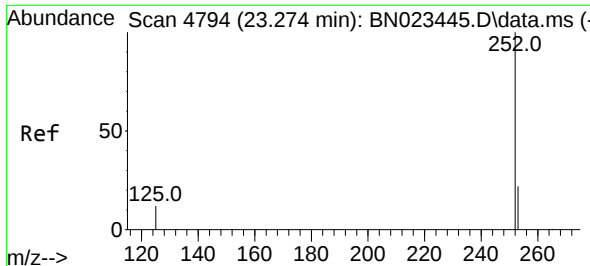
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#22
Chrysene
Concen: 10.163 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. 0.002 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

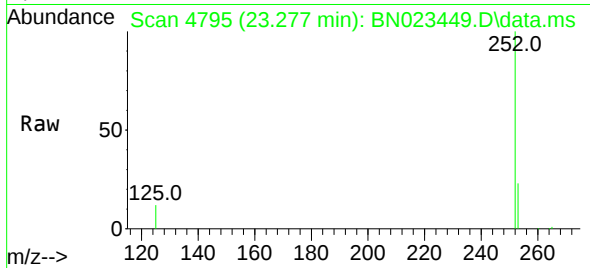
Tgt Ion:228 Resp: 823684
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 8.981 ng/ul m
RT: 23.277 min Scan# 4795
Delta R.T. 0.008 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

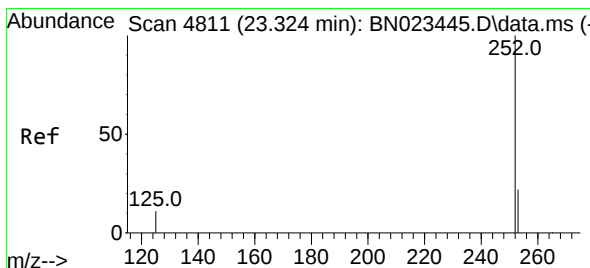
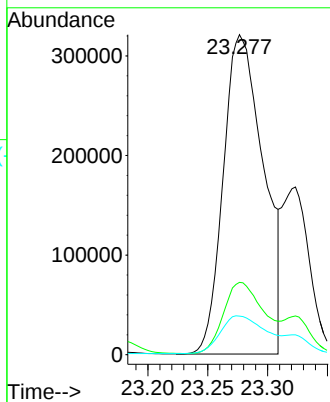
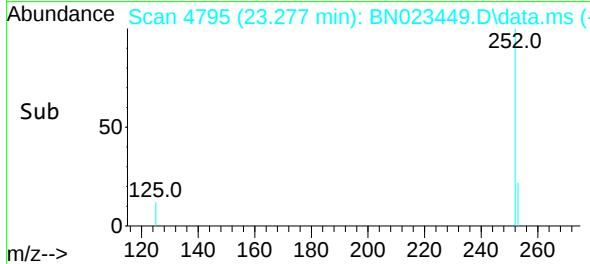
Instrument :
BNA_N
ClientSampleId :
DBYG8



Tgt Ion:252 Resp: 75011
Ion Ratio Lower Upper
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253 22.6 0.0 49.2
125 12.1 0.0 31.8

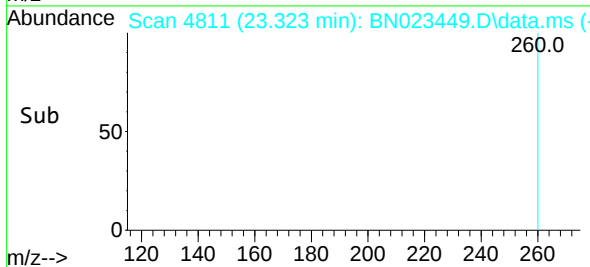
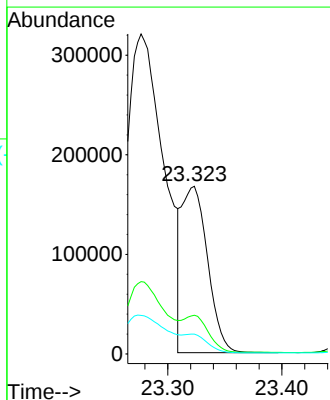
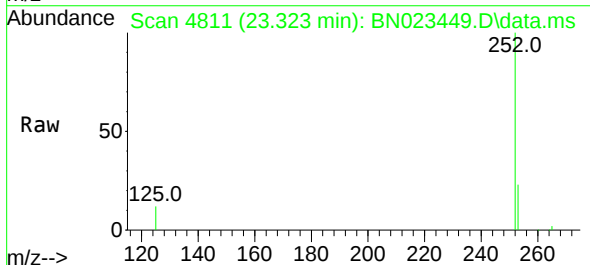
Manual Integrations
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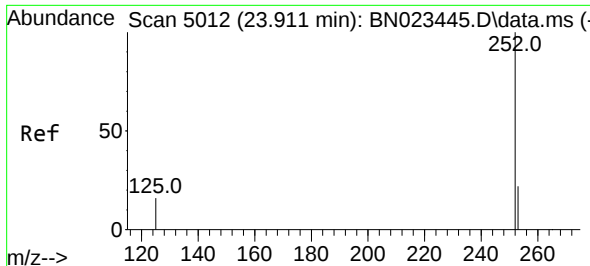
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 3.357 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. 0.005 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

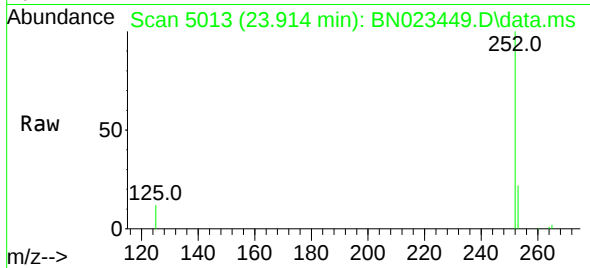
Tgt Ion:252 Resp: 263238
Ion Ratio Lower Upper
252 100
253 23.1 19.8 29.6
125 11.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 6.289 ng/ul
RT: 23.914 min Scan# 5013
Delta R.T. 0.005 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

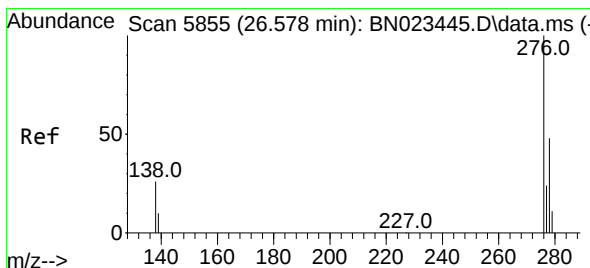
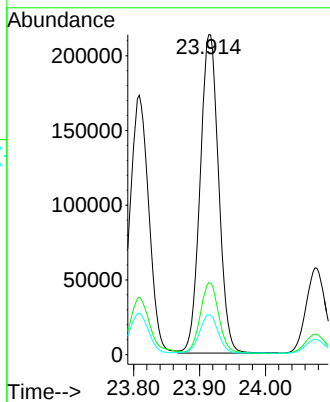
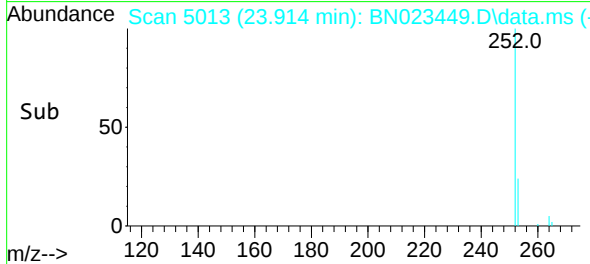
Instrument :
BNA_N
ClientSampleId :
DBYG8



Tgt Ion:252 Resp: 415910
Ion Ratio Lower Upper
252 100
253 22.5 21.4 32.2
125 12.4 16.2 24.4

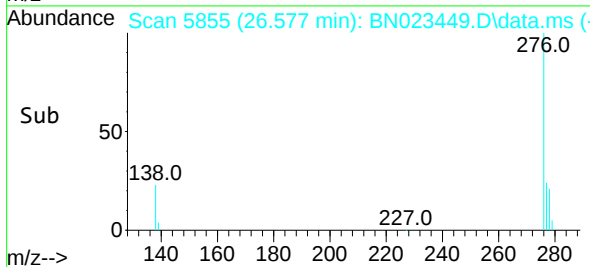
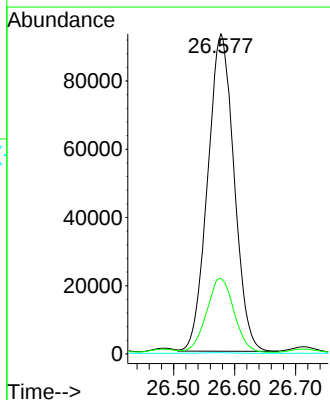
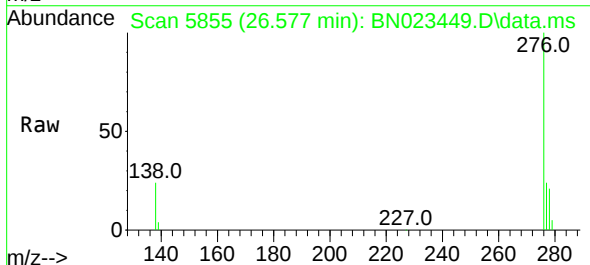
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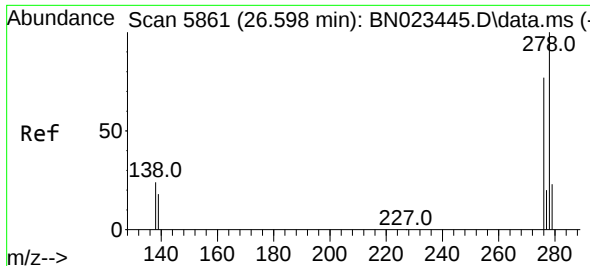
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.627 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. 0.002 min
Lab File: BN023449.D
Acq: 25 Dec 2022 14:46

Tgt Ion:276 Resp: 279963
Ion Ratio Lower Upper
276 100
138 24.2 23.4 35.2
227 0.2 0.0 0.0





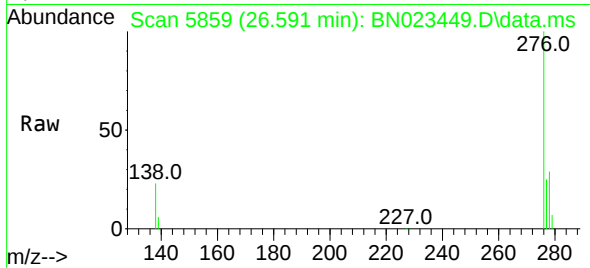
#28
 Dibenzo(a,h)anthracene
 Concen: 1.279 ng/ul
 RT: 26.591 min Scan# 5859
 Delta R.T. -0.008 min
 Lab File: BN023449.D
 Acq: 25 Dec 2022 14:46

Instrument :

BNA_N

ClientSampleId :

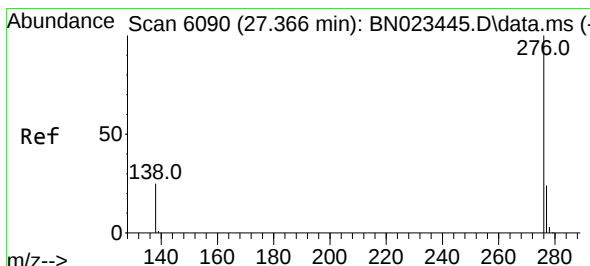
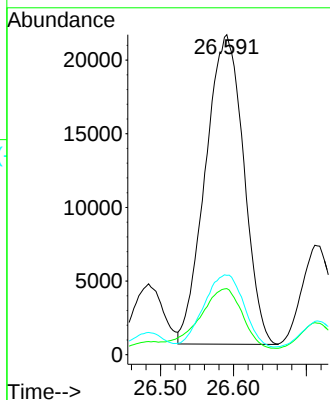
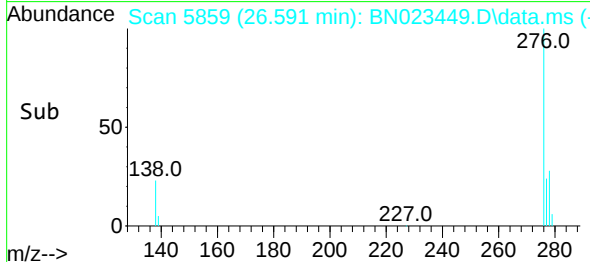
DBYG8



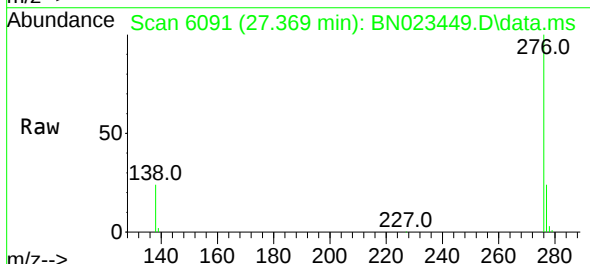
Tgt Ion:278 Resp: 76604
 Ion Ratio Lower Upper
 278 100
 139 20.6 16.6 24.8
 279 24.8 21.3 31.9

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Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022



#29
 Benzo(g,h,i)perylene
 Concen: 3.687 ng/ul
 RT: 27.369 min Scan# 6091
 Delta R.T. 0.002 min
 Lab File: BN023449.D
 Acq: 25 Dec 2022 14:46



Tgt Ion:276 Resp: 231951
 Ion Ratio Lower Upper
 276 100
 138 24.0 20.3 30.5
 277 23.9 19.7 29.5

