

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023453.D
 Acq On : 25 Dec 2022 17:55
 Operator : CG/JU
 Sample : N6017-08DL 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYF6DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 01:24:30 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	7.989	152	6062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	20197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	11818	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	25968	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	15785	0.400	ng/ul	# 0.00
23) Perylene-d12	24.019	264	12611	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	4557	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	1690	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.414	212	3649	0.064	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.852	128	7219	0.122	ng/ul	97
7) 2-Methylnaphthalene	12.464	142	1317	0.035	ng/ul	99
10) Acenaphthylene	14.357	152	10389	0.198	ng/ul	99
11) Acenaphthene	14.699	153	971	0.022	ng/ul	94
12) Fluorene	15.685	166	1562	0.031	ng/ul#	95
15) Phenanthrene	17.427	178	36821	0.436	ng/ul	100
16) Anthracene	17.515	178	8596	0.123	ng/ul	97
19) Fluoranthene	19.442	202	115903	1.514	ng/ul	100
20) Pyrene	19.805	202	86752	1.124	ng/ul	100
21) Benzo(a)anthracene	21.555	228	46612	0.758	ng/ul	96
22) Chrysene	21.610	228	44079	0.705	ng/ul#	96
24) Benzo(b)fluoranthene	23.271	252	57004m	0.874	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	18721m	0.306	ng/ul	
26) Benzo(a)pyrene	23.908	252	34449	0.667	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.571	276	26190	0.434	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.587	278	6366	0.136	ng/ul#	68
29) Benzo(g,h,i)perylene	27.365	276	24251	0.494	ng/ul	98

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

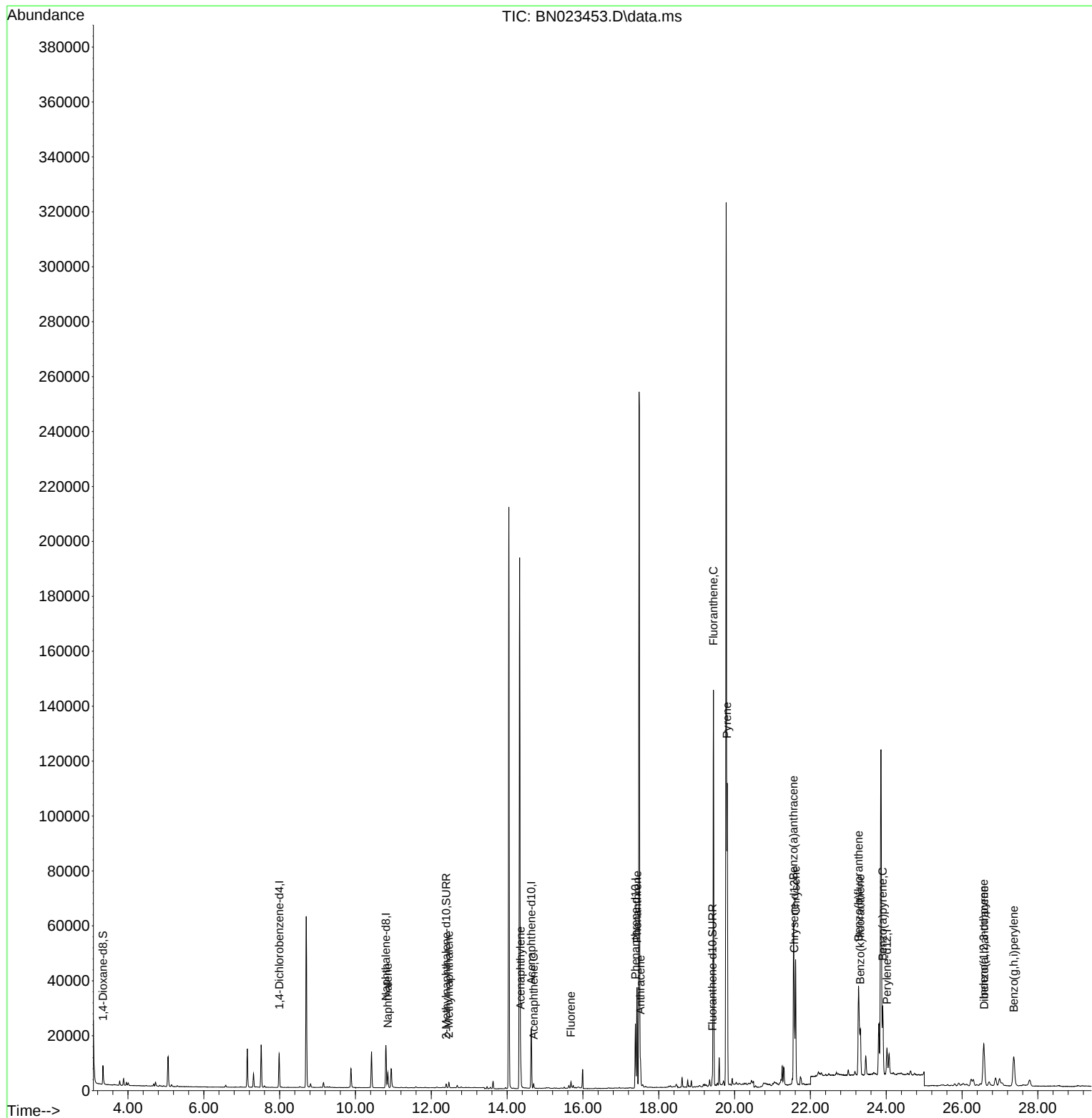
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023453.D
Acq On : 25 Dec 2022 17:55
Operator : CG/JU
Sample : N6017-08DL 5X
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ALS Vial : 82 Sample Multiplier: 1

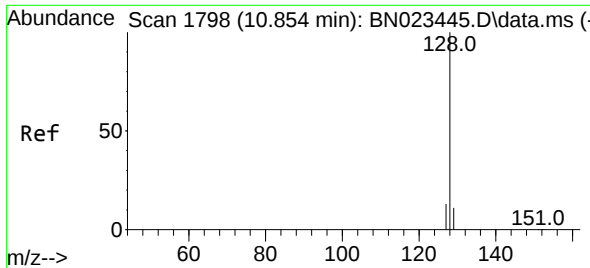
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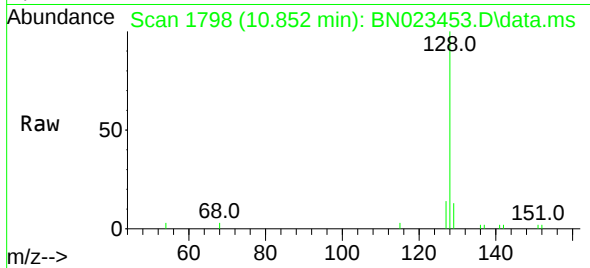
Quant Time: Dec 26 01:24:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.852 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

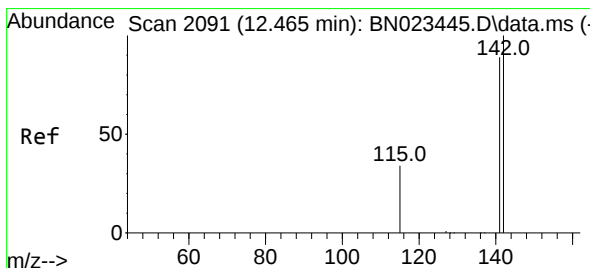
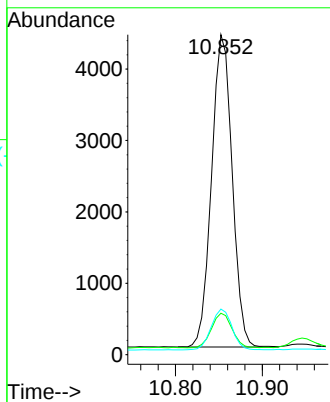
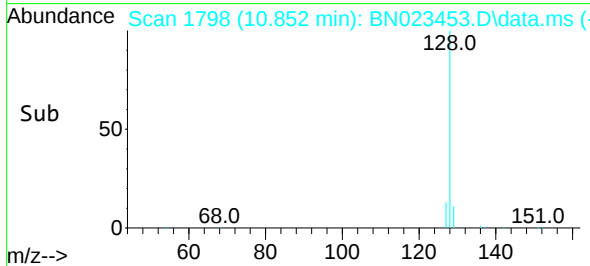
Instrument :
BNA_N
ClientSampleId :
DBYF6DL



Tgt Ion:128 Resp: 7219
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.4
127 14.3 10.7 16.1

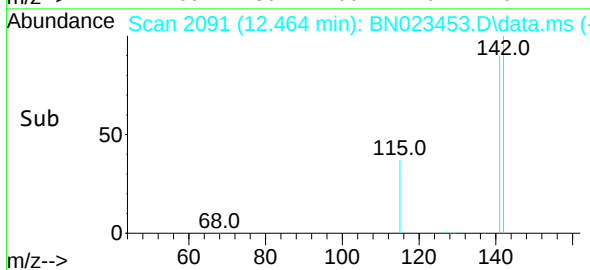
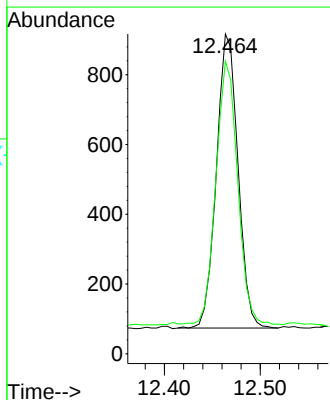
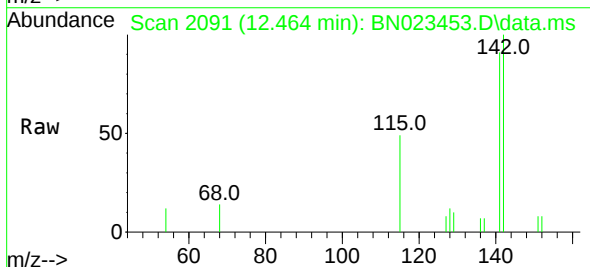
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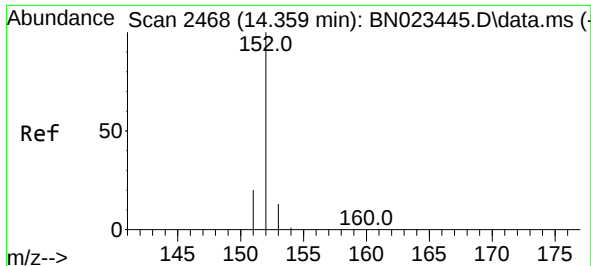
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.464 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

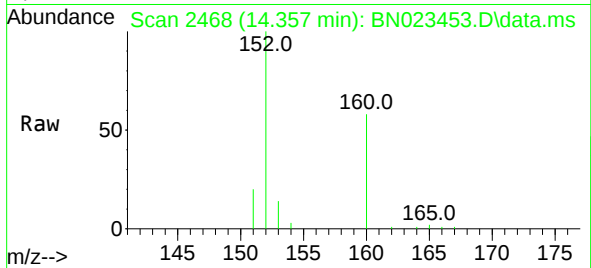
Tgt Ion:142 Resp: 1317
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2





#10
Acenaphthylene
Concen: 0.198 ng/u1
RT: 14.357 min Scan# 2468
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

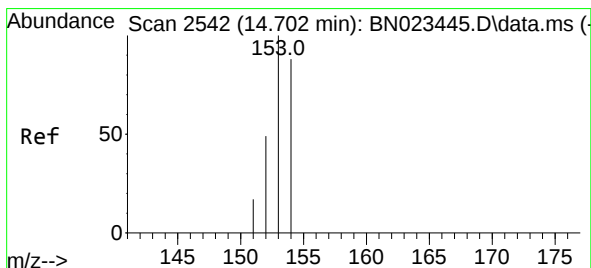
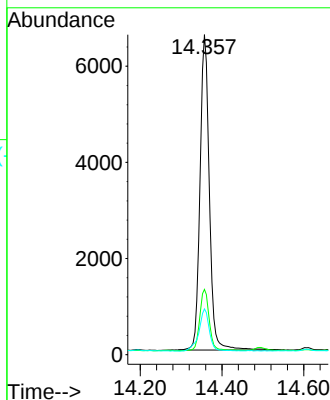
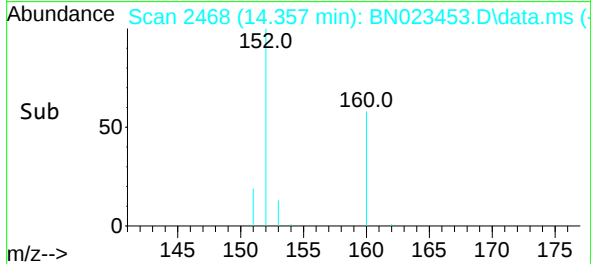
Instrument :
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ClientSampleId :
DBYF6DL



Tgt Ion:152 Resp: 10389
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.3 10.9 16.3

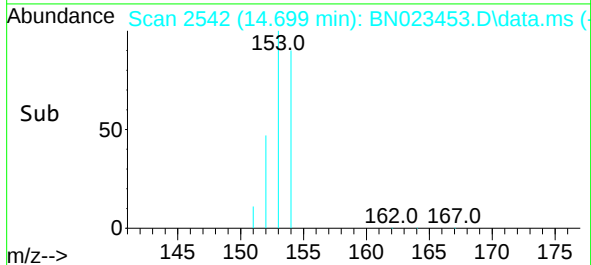
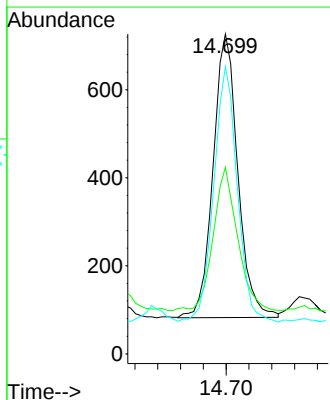
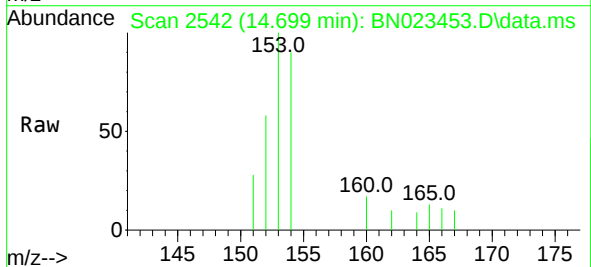
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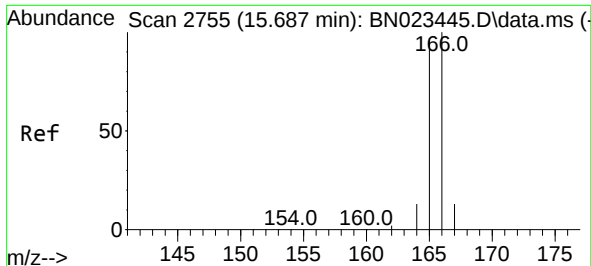
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.699 min Scan# 2542
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

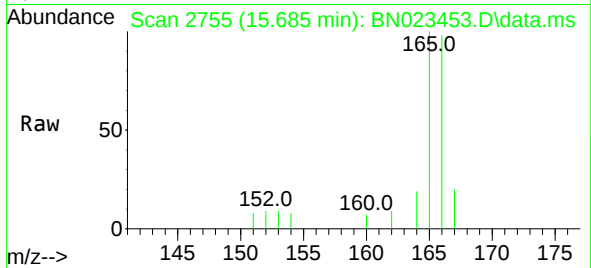
Tgt Ion:153 Resp: 971
Ion Ratio Lower Upper
153 100
152 58.3 41.0 61.4
154 89.8 69.5 104.3





#12
Fluorene
Concen: 0.031 ng/uI
RT: 15.685 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

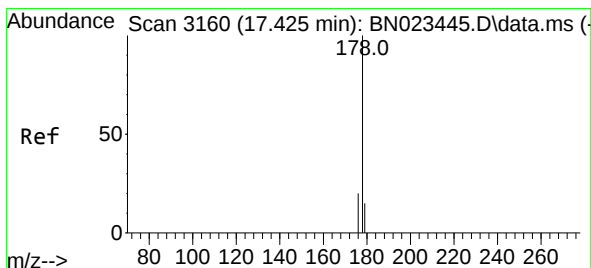
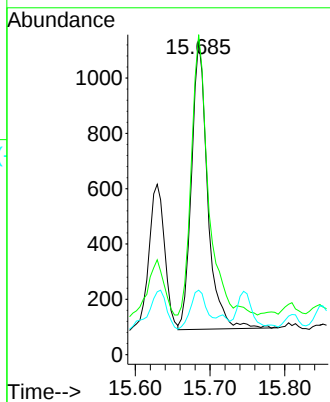
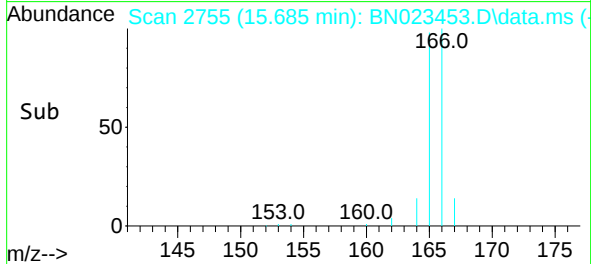
Instrument :
BNA_N
ClientSampleId :
DBYF6DL



Tgt Ion:166 Resp: 1562
Ion Ratio Lower Upper
166 100
165 101.8 79.1 118.7
167 20.5 11.0 16.4

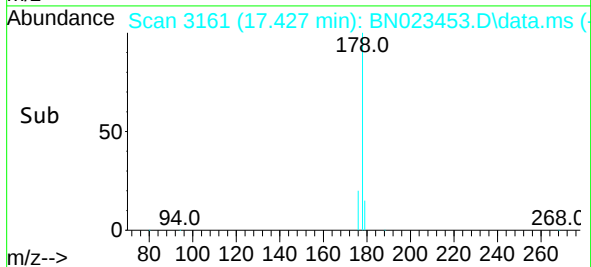
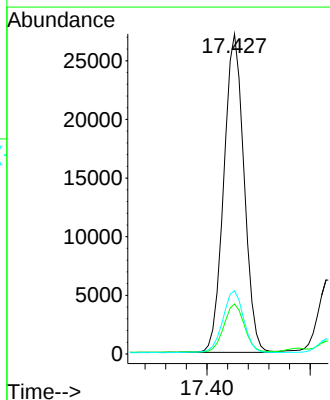
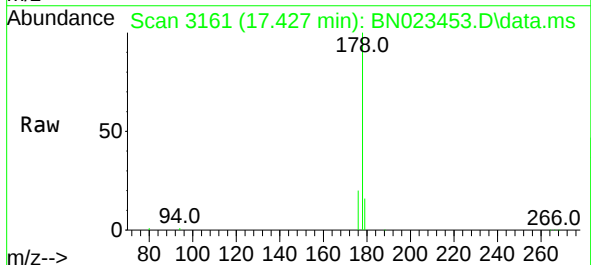
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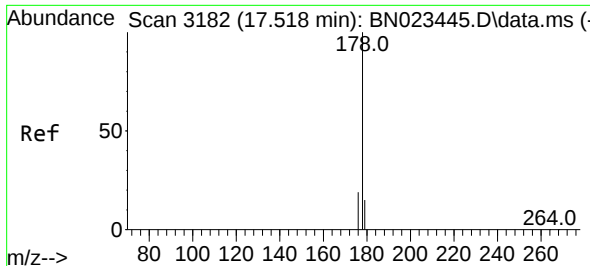
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#15
Phenanthrene
Concen: 0.436 ng/uI
RT: 17.427 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

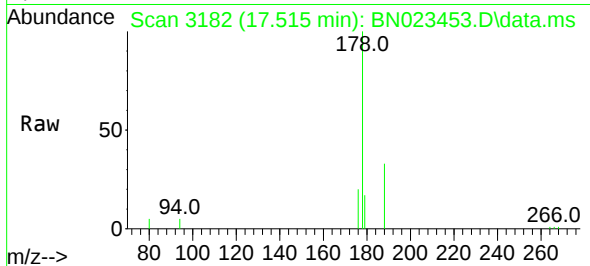
Tgt Ion:178 Resp: 36821
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.8 15.7 23.5





#16
 Anthracene
 Concen: 0.123 ng/ul
 RT: 17.515 min Scan# 3182
 Delta R.T. -0.006 min
 Lab File: BN023453.D
 Acq: 25 Dec 2022 17:55

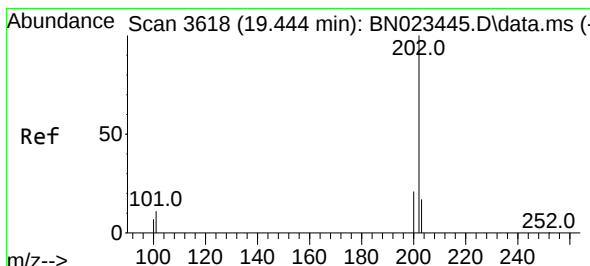
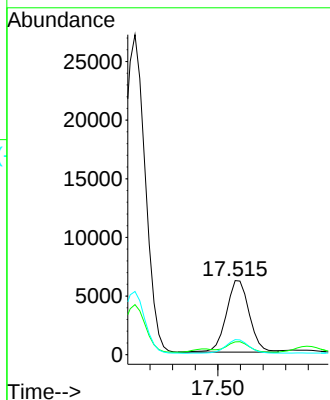
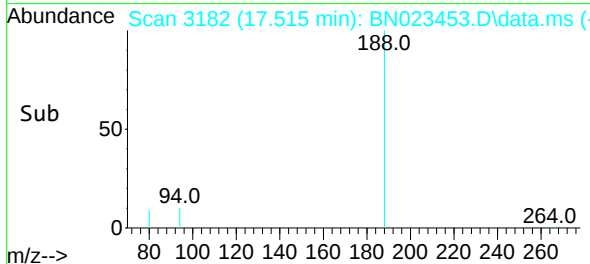
Instrument :
 BNA_N
 ClientSampleId :
 DBYF6DL



Tgt Ion:178 Resp: 8590
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.6 18.8
 176 20.3 15.4 23.0

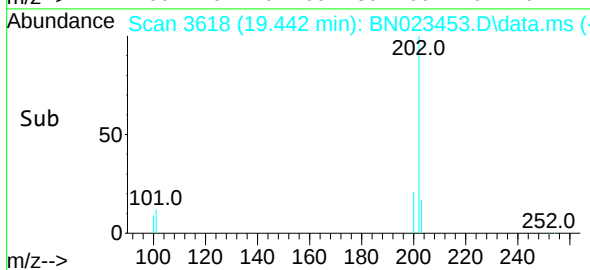
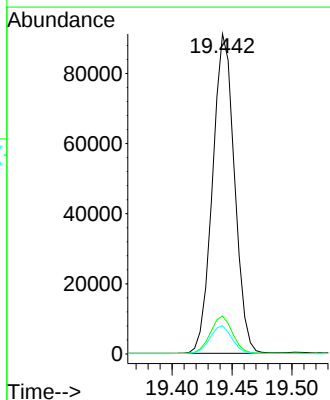
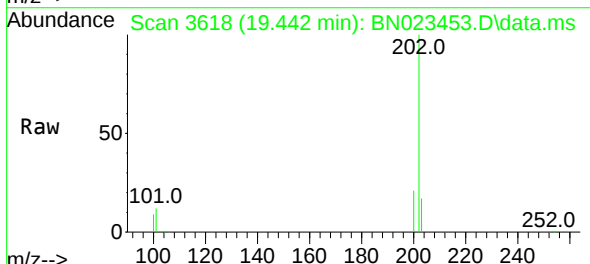
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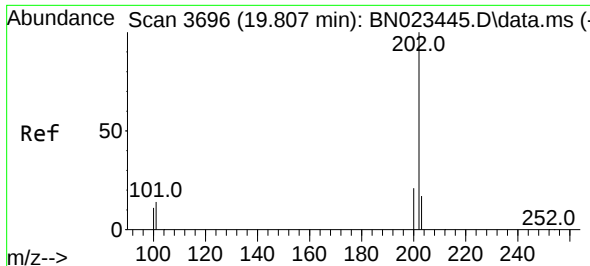
Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022



#19
 Fluoranthene
 Concen: 1.514 ng/ul
 RT: 19.442 min Scan# 3618
 Delta R.T. -0.001 min
 Lab File: BN023453.D
 Acq: 25 Dec 2022 17:55

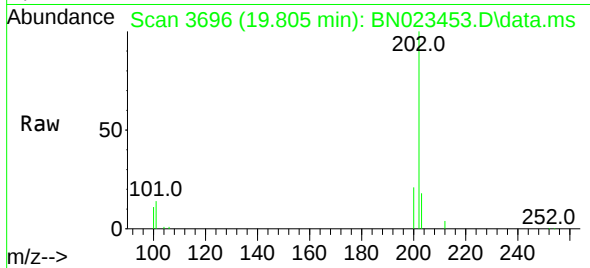
Tgt Ion:202 Resp: 115903
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.4 14.2
 100 8.8 7.0 10.6





#20
Pyrene
Concen: 1.124 ng/ul
RT: 19.805 min Scan# 30
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

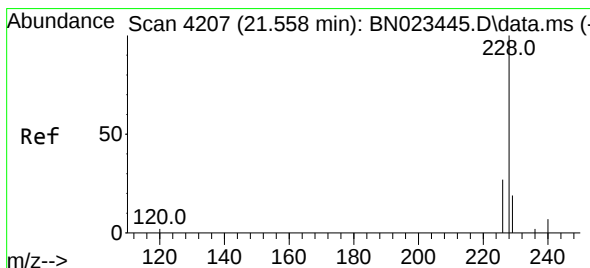
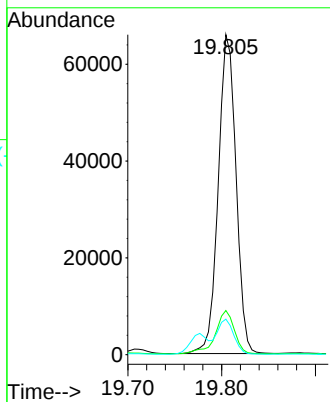
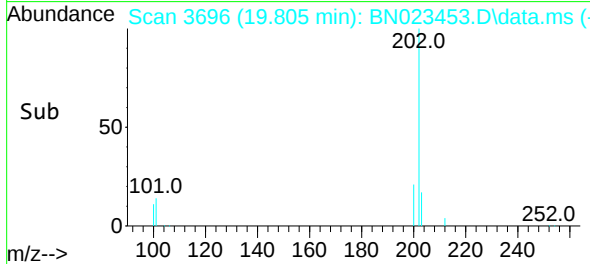
Instrument :
BNA_N
ClientSampleId :
DBYF6DL



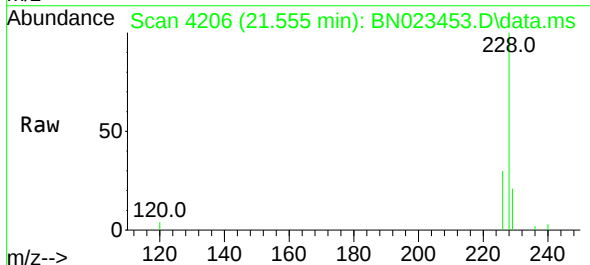
Tgt Ion:202 Resp: 8675
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.1 9.0 13.4

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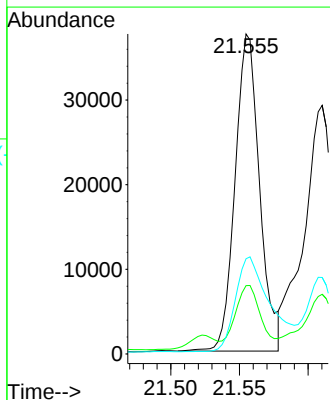
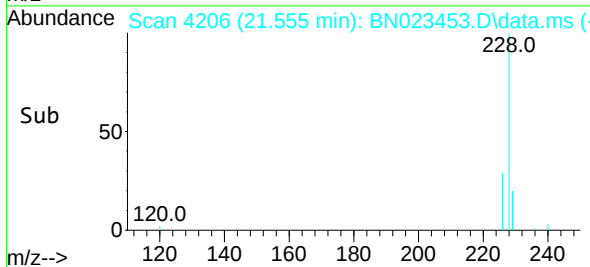
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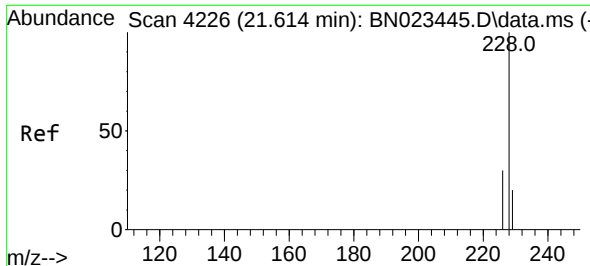


#21
Benzo(a)anthracene
Concen: 0.758 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55



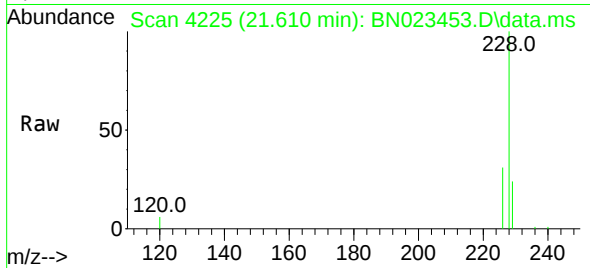
Tgt Ion:228 Resp: 46612
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 29.8 22.2 33.2





#22
Chrysene
Concen: 0.705 ng/ul
RT: 21.610 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

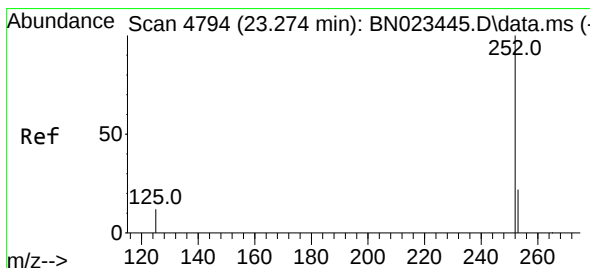
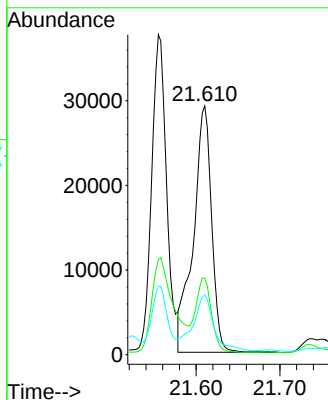
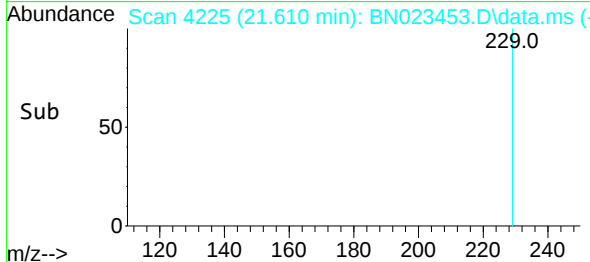
Instrument :
BNA_N
ClientSampleId :
DBYF6DL



Tgt Ion:228 Resp: 44079
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 24.0 15.8 23.6

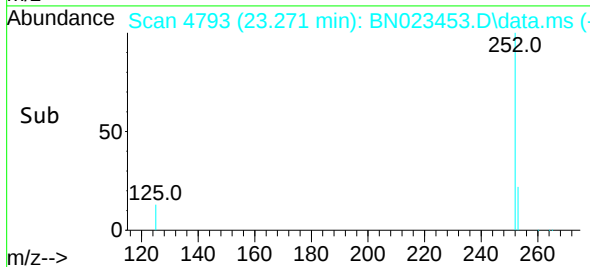
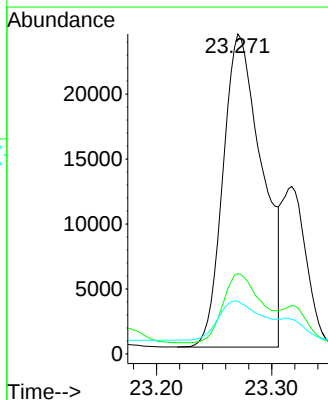
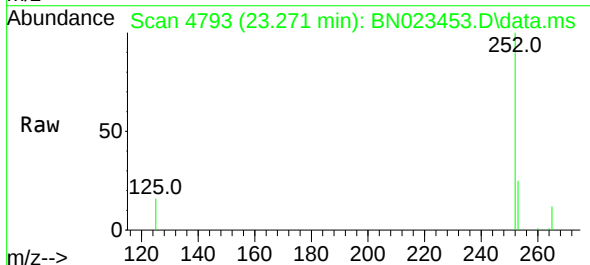
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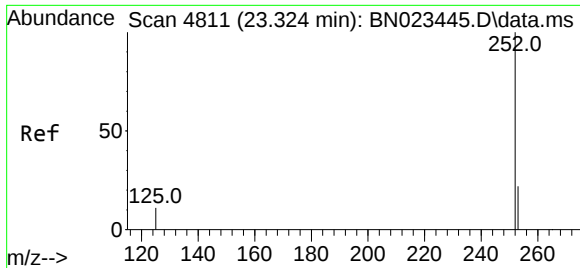
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#24
Benzo(b)fluoranthene
Concen: 0.874 ng/ul m
RT: 23.271 min Scan# 4793
Delta R.T. 0.002 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

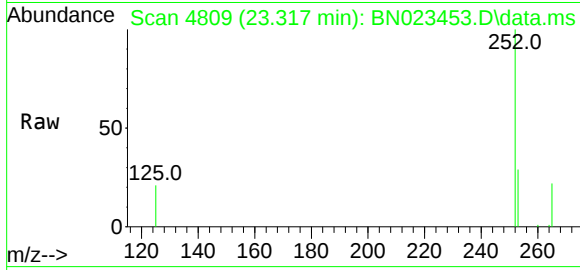
Tgt Ion:252 Resp: 57004
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.2
125 16.4 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul m
RT: 23.317 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

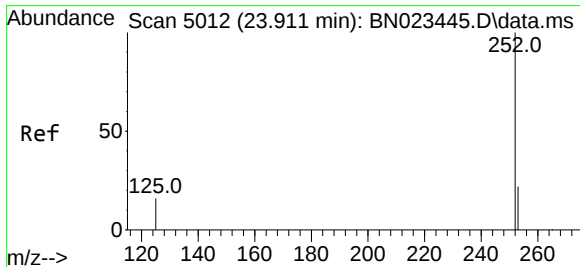
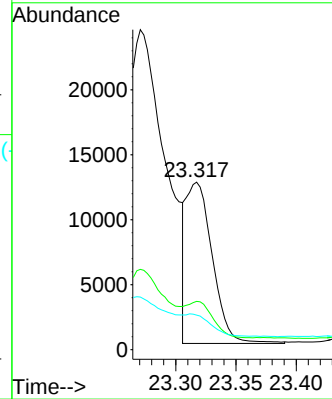
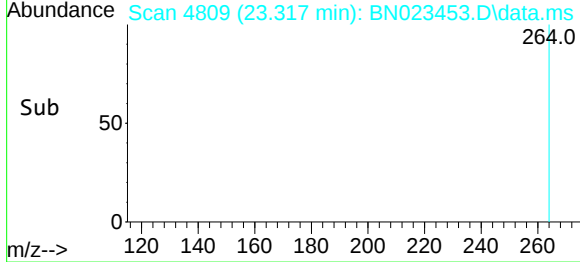
Instrument :
BNA_N
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Tgt Ion:252 Resp: 1872
Ion Ratio Lower Upper
252 100
253 28.9 19.8 29.6
125 20.6 12.6 18.8

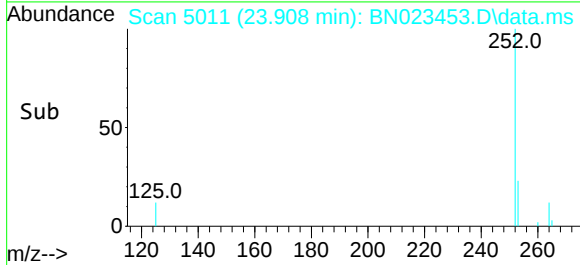
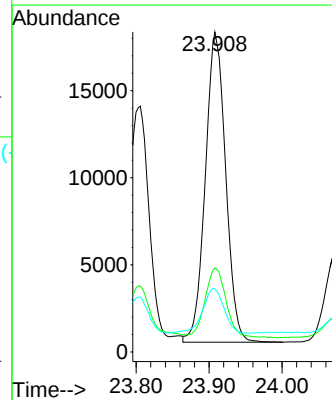
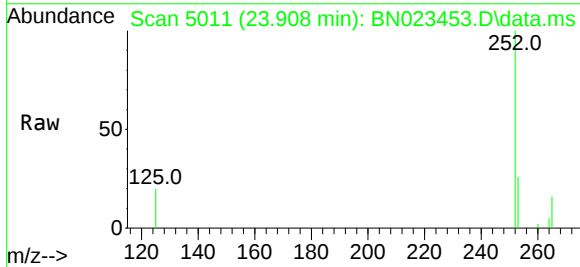
Manual Integrations
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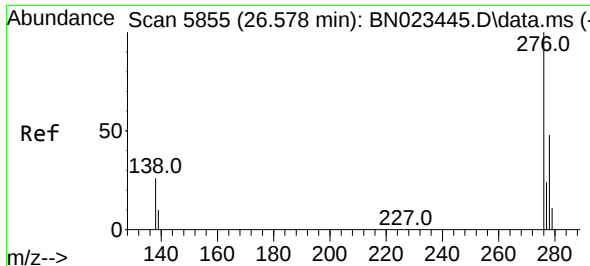
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 0.667 ng/ul
RT: 23.908 min Scan# 5011
Delta R.T. -0.001 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

Tgt Ion:252 Resp: 34449
Ion Ratio Lower Upper
252 100
253 26.2 21.4 32.2
125 19.6 16.2 24.4





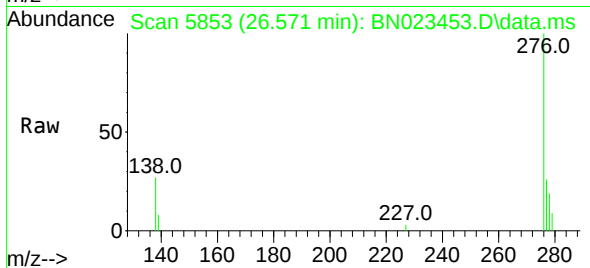
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.571 min Scan# 5853
Delta R.T. -0.005 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55

Instrument :

BNA_N

ClientSampleId :

DBYF6DL

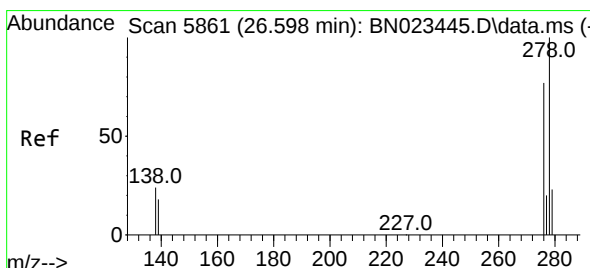
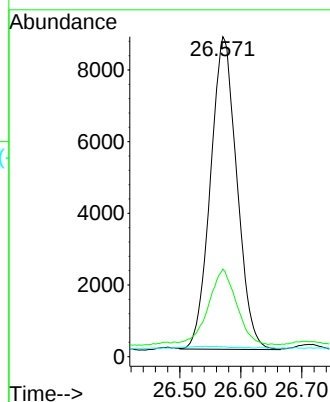
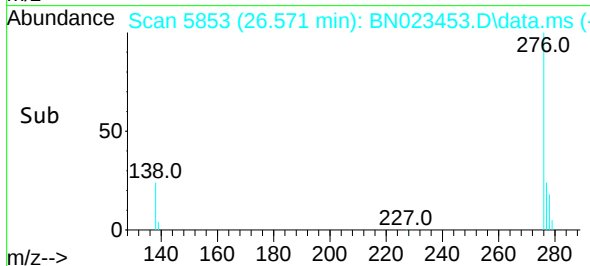


Tgt Ion:276 Resp: 26190
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.2
227 0.0 0.0 0.0

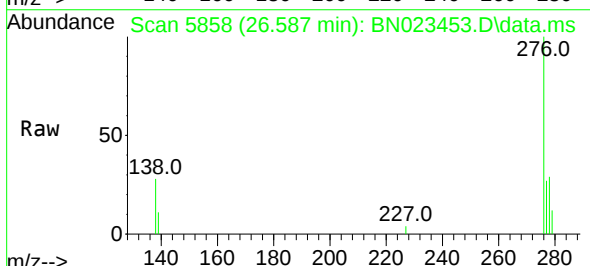
Manual Integrations

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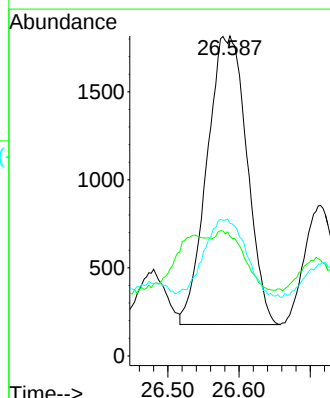
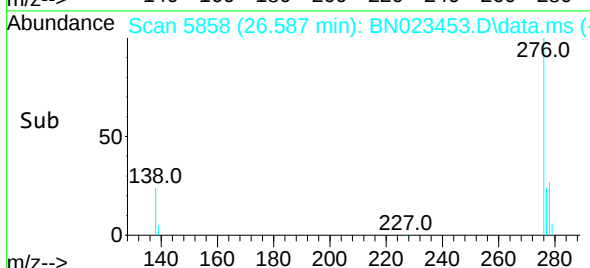
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

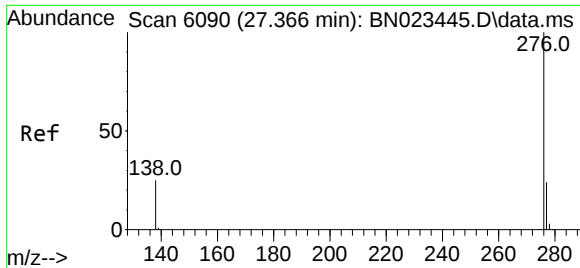


#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. -0.011 min
Lab File: BN023453.D
Acq: 25 Dec 2022 17:55



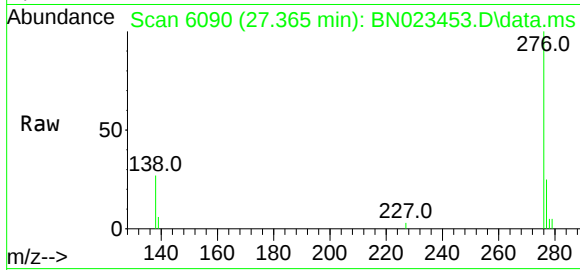
Tgt Ion:278 Resp: 6366
Ion Ratio Lower Upper
278 100
139 37.4 16.6 24.8#
279 41.4 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.494 ng/ul
 RT: 27.365 min Scan# 6090
 Delta R.T. -0.001 min
 Lab File: BN023453.D
 Acq: 25 Dec 2022 17:55

Instrument :
 BNA_N
 ClientSampleId :
 DBYF6DL



Tgt Ion: 276 Resp: 2425

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.3	30.5
277	24.9	19.7	29.5

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

