

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023419.D
 Acq On : 24 Dec 2022 20:15
 Operator : CG/JU
 Sample : N6018-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 04:20:03 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	5159	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	17153	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.641	164	10193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	24081	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	17417	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	13633	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	22096	3.942	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	7404	0.279	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	17754	0.282	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	1685	0.033	ng/ul#	83
7) 2-Methylnaphthalene	12.465	142	778	0.024	ng/ul	96
10) Acenaphthylene	14.358	152	3428	0.076	ng/ul#	91
11) Acenaphthene	14.701	153	989	0.026	ng/ul#	91
15) Phenanthrene	17.428	178	19317	0.246	ng/ul	98
16) Anthracene	17.521	178	3870	0.059	ng/ul#	89
19) Fluoranthene	19.443	202	65674	0.777	ng/ul	95
20) Pyrene	19.811	202	50092m	0.588	ng/ul	
21) Benzo(a)anthracene	21.557	228	33418	0.493	ng/ul	97
22) Chrysene	21.613	228	39494	0.573	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	54498m	0.773	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	19216m	0.290	ng/ul	
26) Benzo(a)pyrene	23.913	252	32258	0.578	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.577	276	24739	0.380	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.587	278	6392	0.126	ng/ul#	63
29) Benzo(g,h,i)perylene	27.368	276	24618	0.463	ng/ul#	93

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

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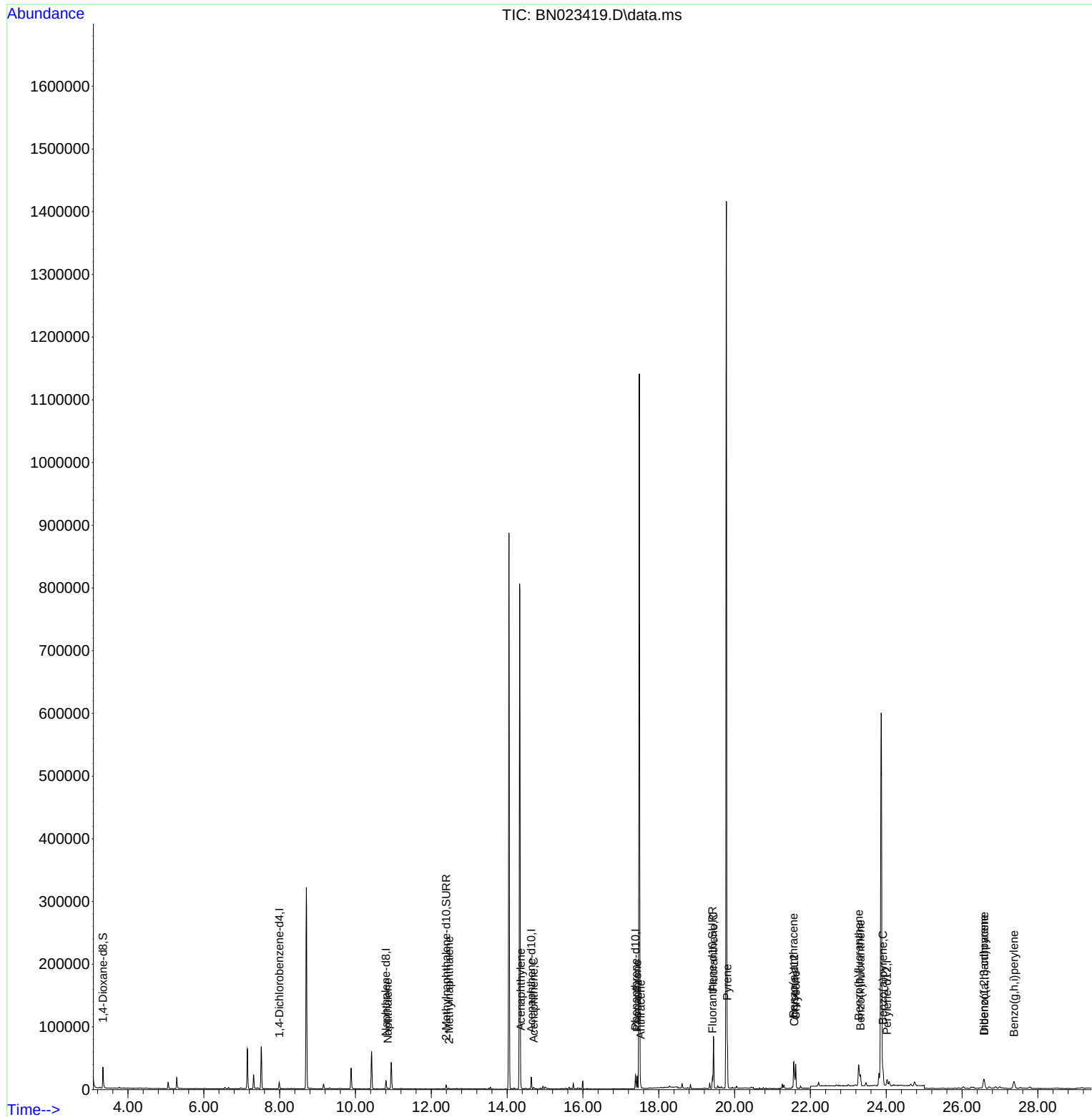
Quant Time: Dec 25 04:20:03 2022

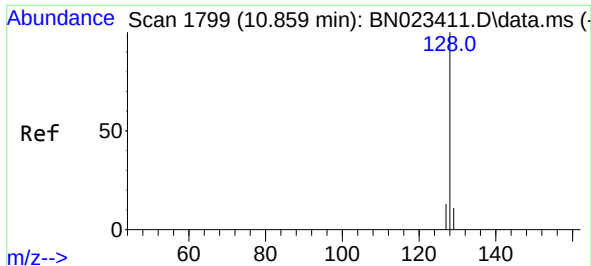
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 22 02:28:40 2022

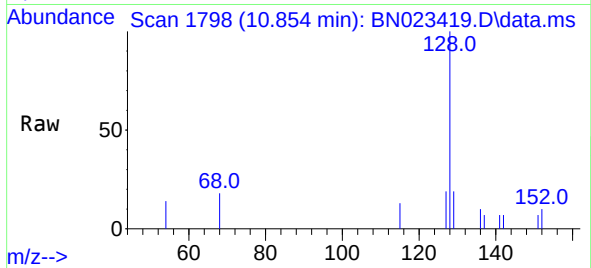
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.854 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

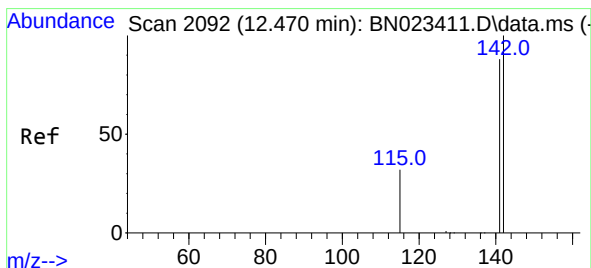
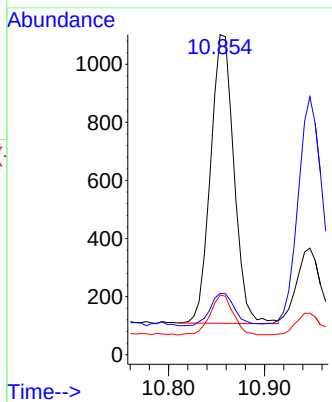
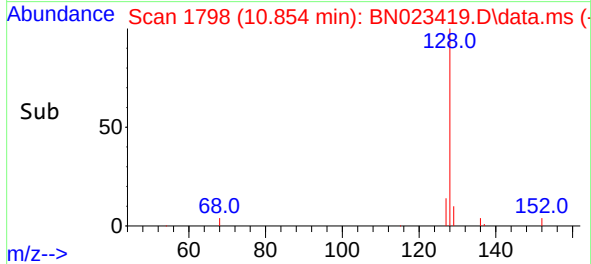
Instrument :
BNA_N
ClientSampleId :
DBYH9



Tgt Ion:128 Resp: 168
Ion Ratio Lower Upper
128 100
129 19.1 9.0 13.4
127 18.6 10.7 16.1

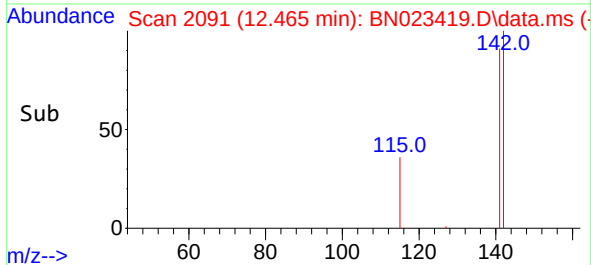
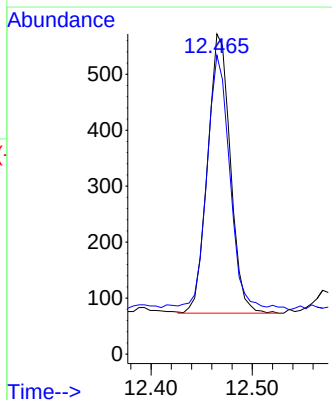
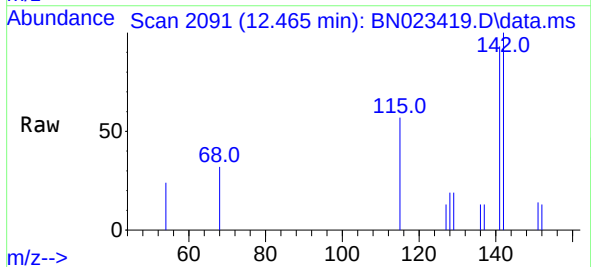
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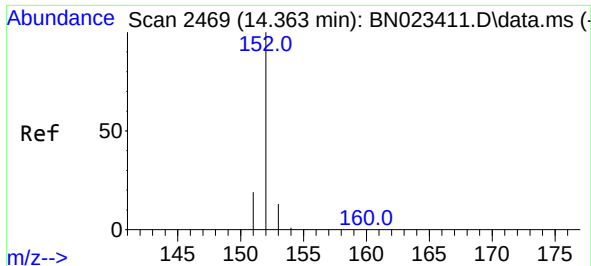
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

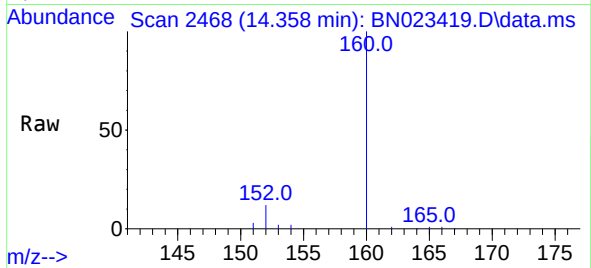
Tgt Ion:142 Resp: 778
Ion Ratio Lower Upper
142 100
141 93.3 71.4 107.2





#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

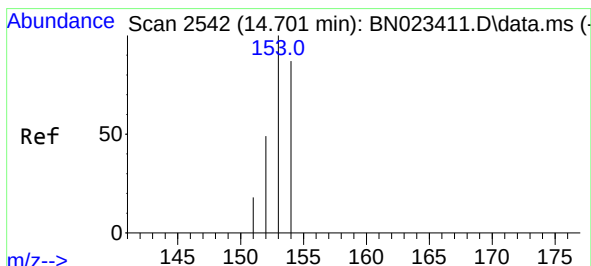
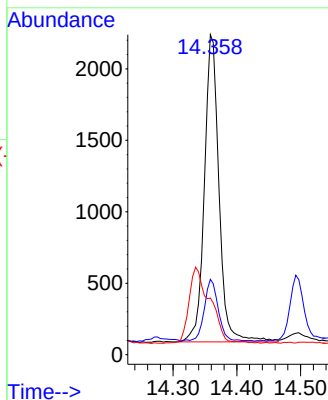
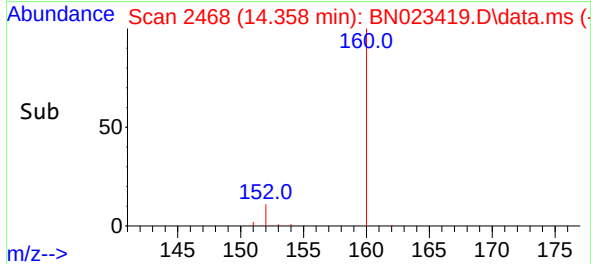
Instrument :
BNA_N
ClientSampleId :
DBYH9



Tgt Ion:152 Resp: 3428
Ion Ratio Lower Upper
152 100
151 23.6 16.1 24.1
153 17.7 10.9 16.3

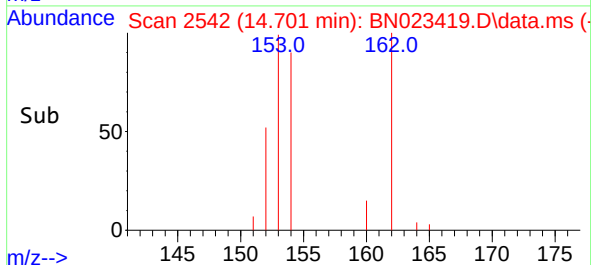
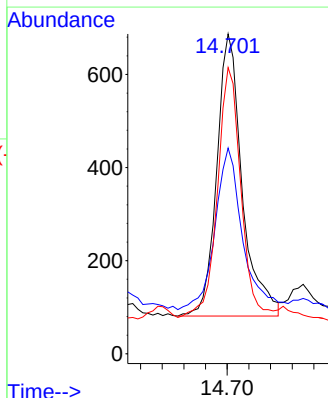
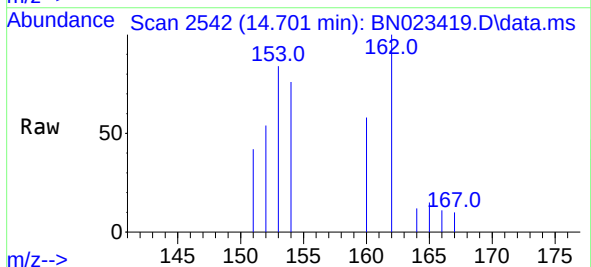
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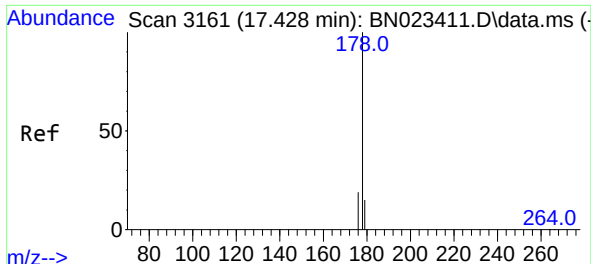
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

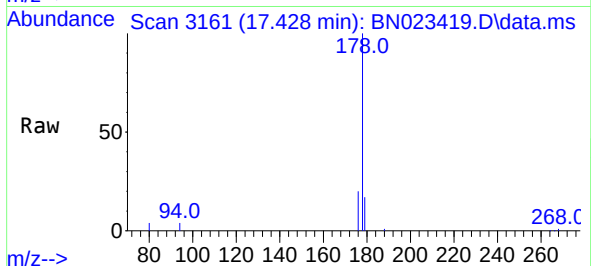
Tgt Ion:153 Resp: 989
Ion Ratio Lower Upper
153 100
152 64.3 41.0 61.4#
154 89.5 69.5 104.3





#15
Phenanthrene
Concen: 0.246 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

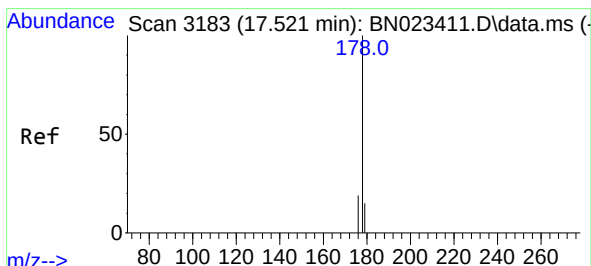
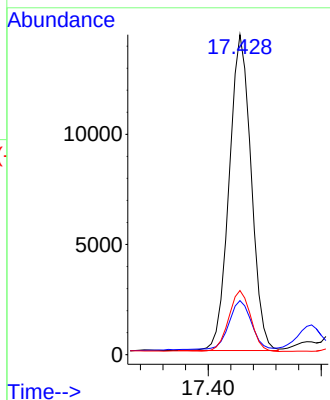
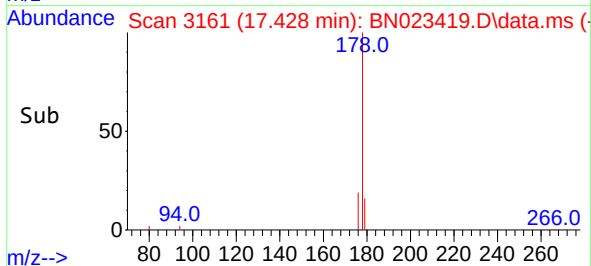
Instrument :
BNA_N
ClientSampleId :
DBYH9



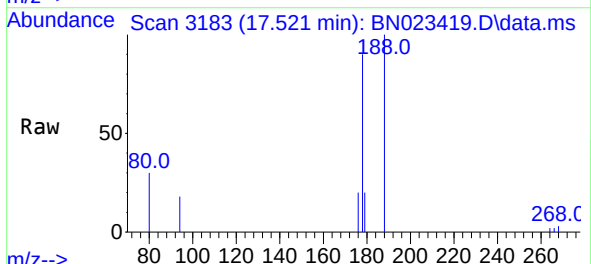
Tgt Ion:178 Resp: 19317
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 20.0 15.7 23.5

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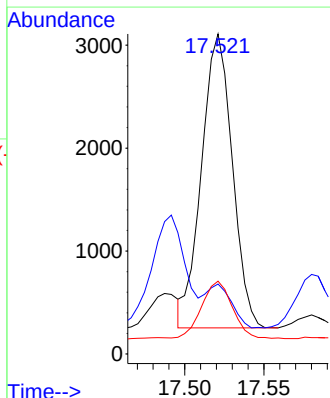
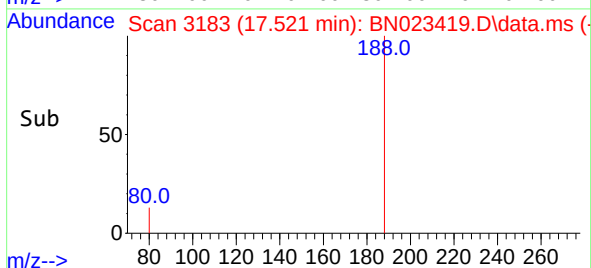
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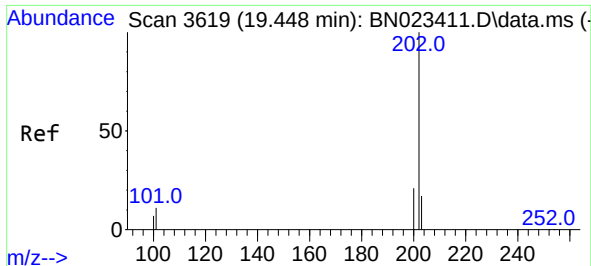


#16
Anthracene
Concen: 0.059 ng/u1
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15



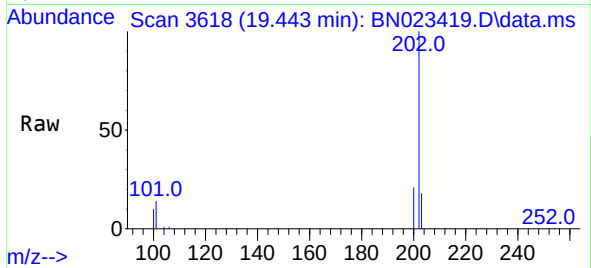
Tgt Ion:178 Resp: 3870
Ion Ratio Lower Upper
178 100
179 21.8 12.6 18.8#
176 22.8 15.4 23.0





#19
Fluoranthene
Concen: 0.777 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

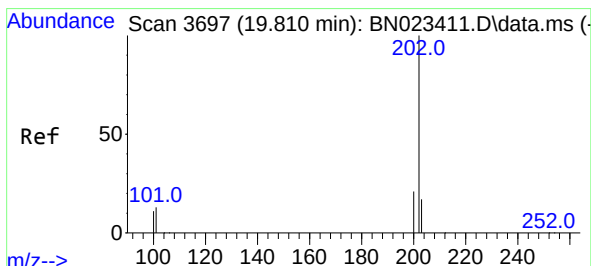
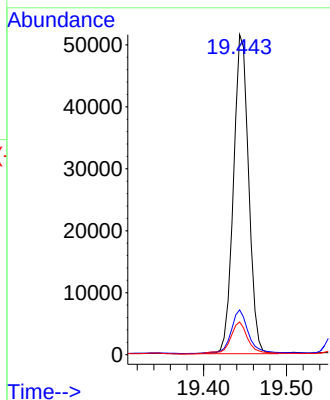
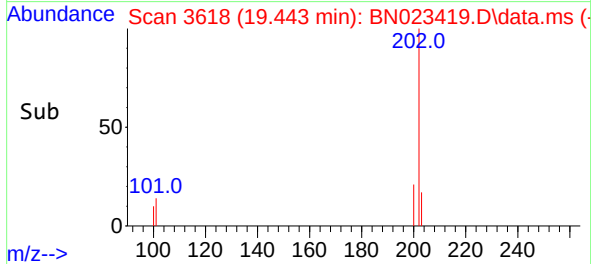
Instrument :
BNA_N
ClientSampleId :
DBYH9



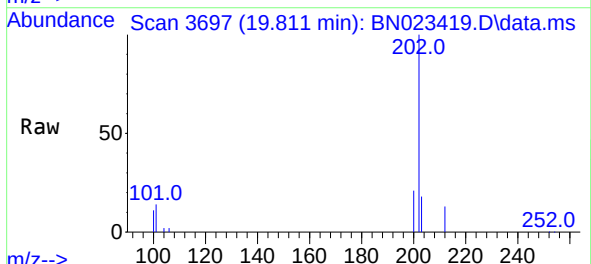
Tgt Ion:202 Resp: 65674
Ion Ratio Lower Upper
202 100
101 14.0 9.4 14.2
100 10.2 7.0 10.6

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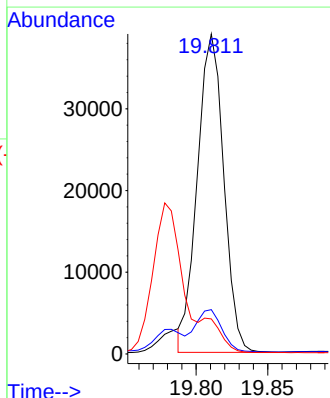
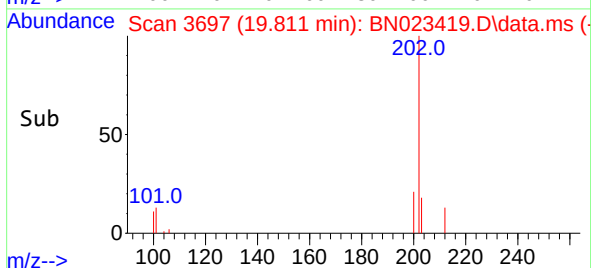
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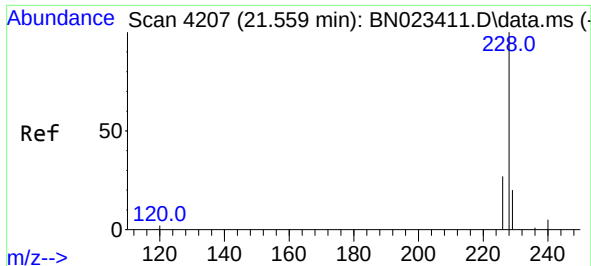


#20
Pyrene
Concen: 0.588 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15



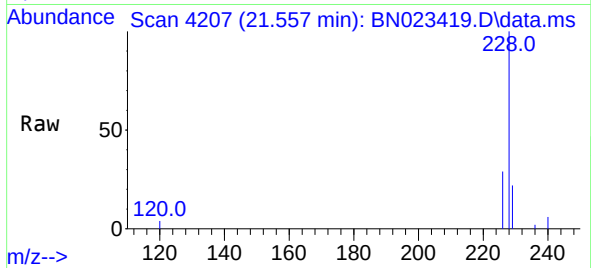
Tgt Ion:202 Resp: 50092
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 10.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.493 ng/u1
RT: 21.557 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

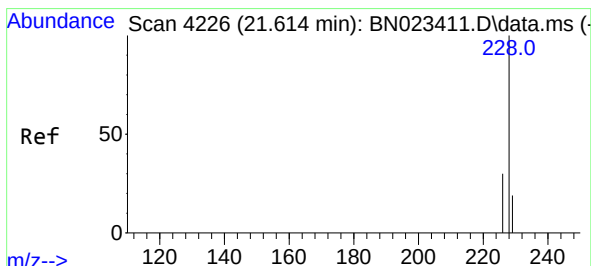
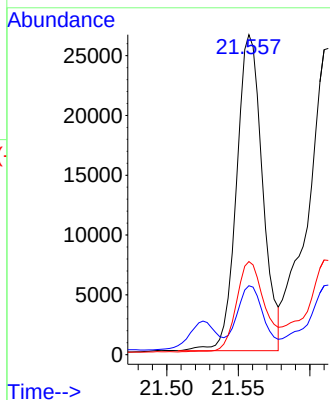
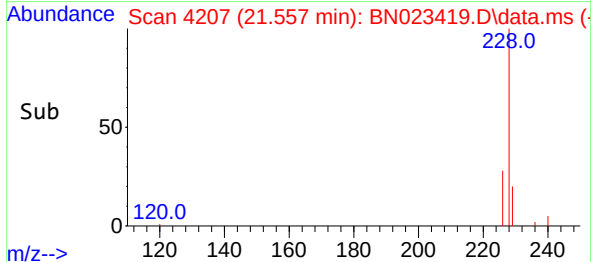
Instrument :
BNA_N
ClientSampleId :
DBYH9



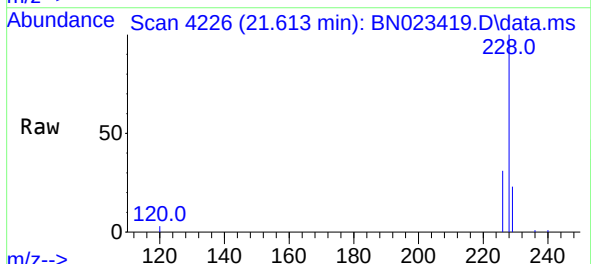
Tgt Ion:228 Resp: 33418
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.1 22.2 33.2

Manual Integrations
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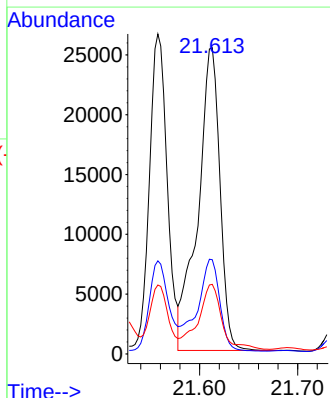
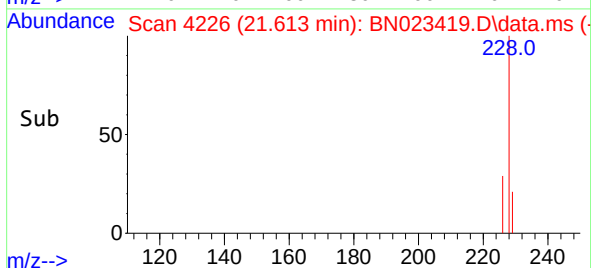
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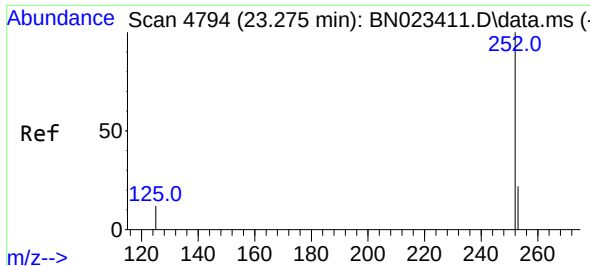


#22
Chrysene
Concen: 0.573 ng/u1
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15



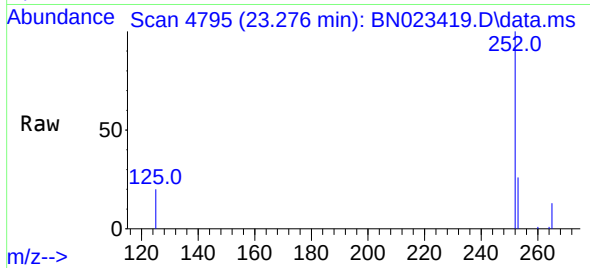
Tgt Ion:228 Resp: 39494
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.773 ng/ul m
RT: 23.276 min Scan# 4794
Delta R.T. 0.002 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

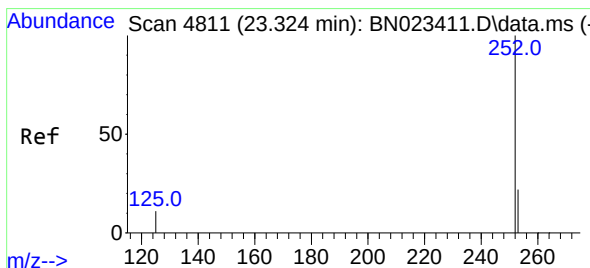
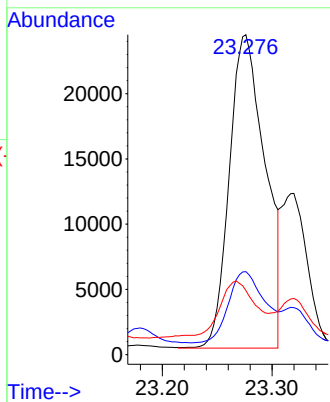
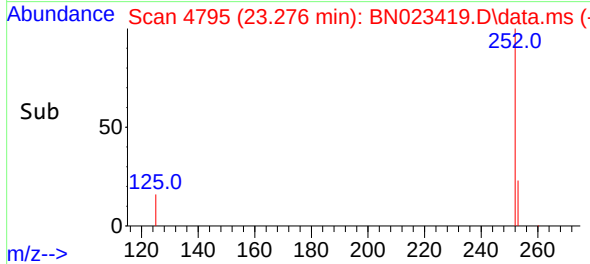
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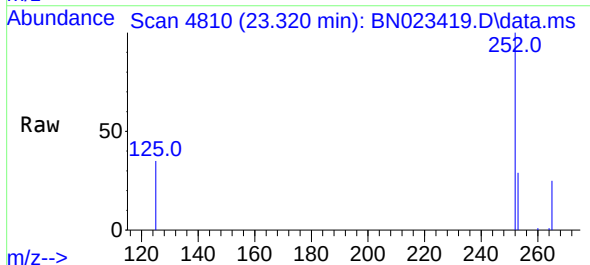
Tgt Ion:252 Resp: 54498
Ion Ratio Lower Upper
252 100
253 25.9 0.0 49.2
125 20.1 0.0 31.8

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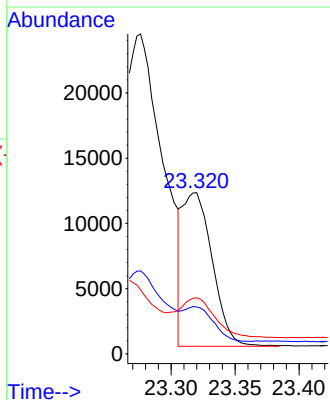
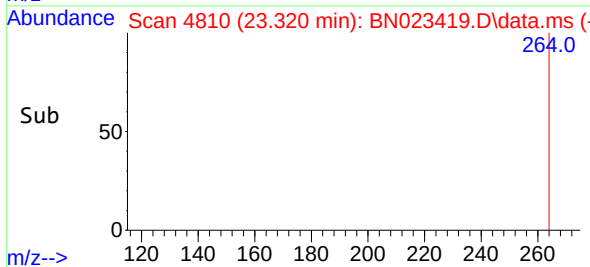
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

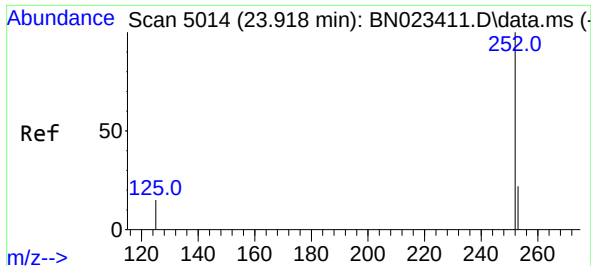


#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15



Tgt Ion:252 Resp: 19216
Ion Ratio Lower Upper
252 100
253 29.1 19.8 29.6
125 34.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.578 ng/ul
RT: 23.913 min Scan# 5014
Delta R.T. -0.001 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

Instrument :

BNA_N

ClientSampleId :

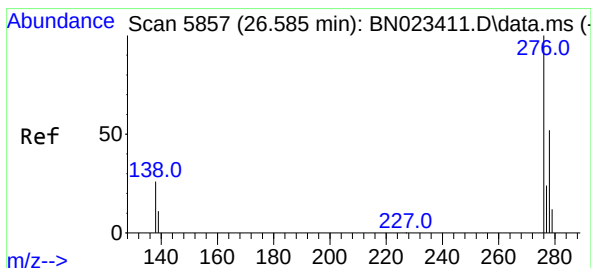
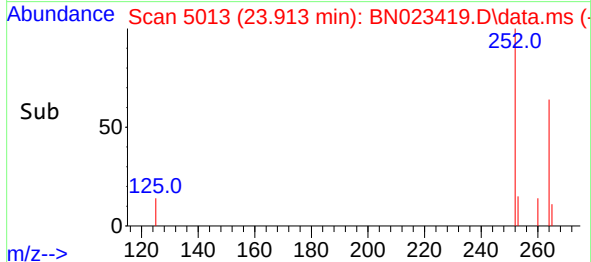
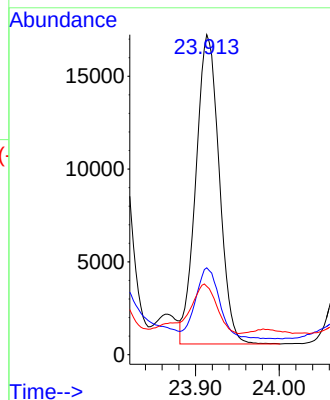
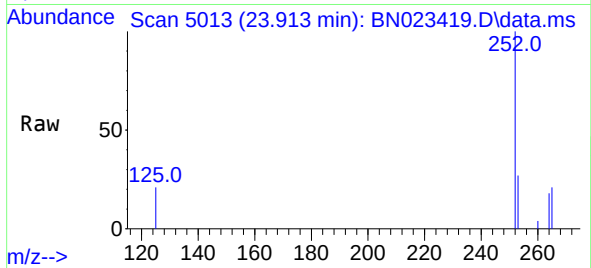
DBYH9

Tgt Ion:252 Resp: 3225
Ion Ratio Lower Upper
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253 27.2 21.4 32.2
125 21.4 16.2 24.4

Manual Integrations

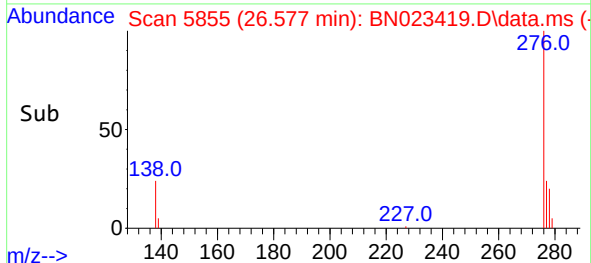
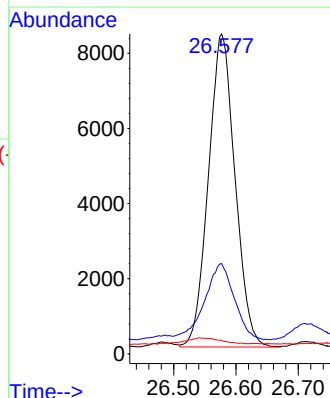
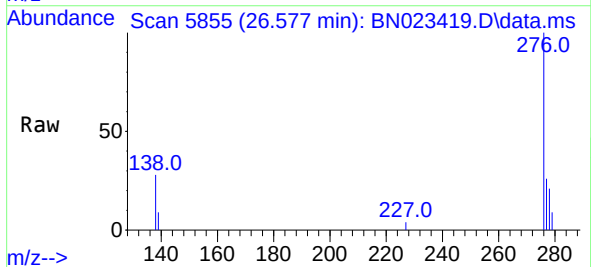
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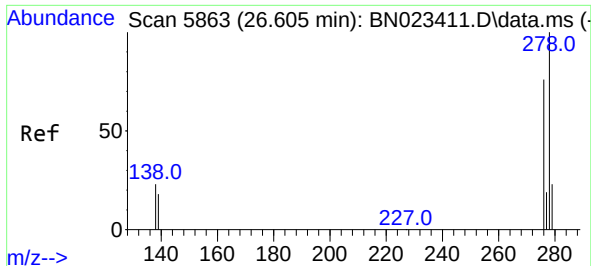
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

Tgt Ion:276 Resp: 24739
Ion Ratio Lower Upper
276 100
138 27.1 23.4 35.2
227 0.0 0.0 0.0





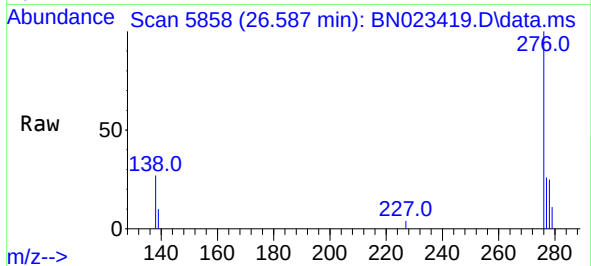
#28
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. -0.014 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15

Instrument :

BNA_N

ClientSampleId :

DBYH9

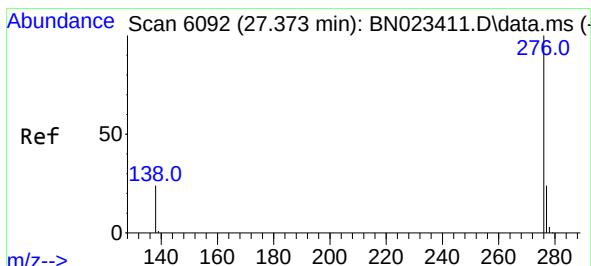
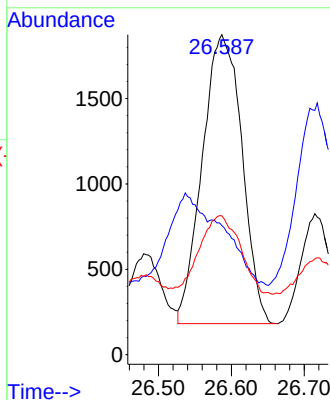
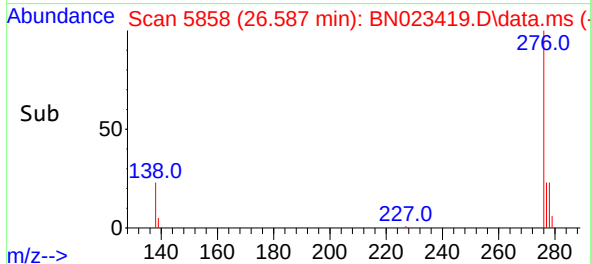


Tgt Ion:278 Resp: 6392
Ion Ratio Lower Upper
278 100
139 40.3 16.6 24.8
279 43.4 21.3 31.9

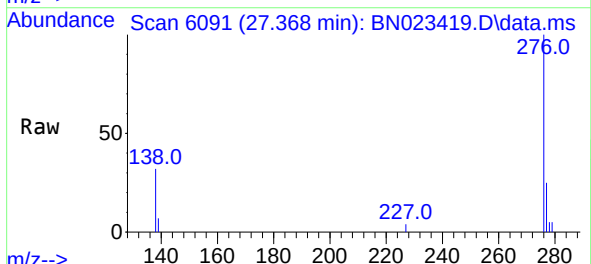
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.463 ng/ul
RT: 27.368 min Scan# 6091
Delta R.T. -0.001 min
Lab File: BN023419.D
Acq: 24 Dec 2022 20:15



Tgt Ion:276 Resp: 24618
Ion Ratio Lower Upper
276 100
138 32.4 20.3 30.5
277 25.0 19.7 29.5

