

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023448.D
 Acq On : 25 Dec 2022 14:10
 Operator : CG/JU
 Sample : N6017-18
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYG4

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 01:23:46 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	7835	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	25658	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	15373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	34171	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	23824	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	17355	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	30726	3.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	10978	0.277	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	26362	0.306	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.428	178	10386	0.093	ng/ul	97
19) Fluoranthene	19.443	202	25645	0.222	ng/ul#	67
20) Pyrene	19.811	202	19659m	0.169	ng/ul	
21) Benzo(a)anthracene	21.557	228	10800	0.116	ng/ul#	92
22) Chrysene	21.613	228	14011	0.149	ng/ul#	92
24) Benzo(b)fluoranthene	23.273	252	19405m	0.216	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	6567m	0.078	ng/ul	
26) Benzo(a)pyrene	23.913	252	11332	0.159	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.574	276	9614	0.116	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.590	278	2394	0.037	ng/ul#	25
29) Benzo(g,h,i)perylene	27.368	276	10109	0.150	ng/ul#	86

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

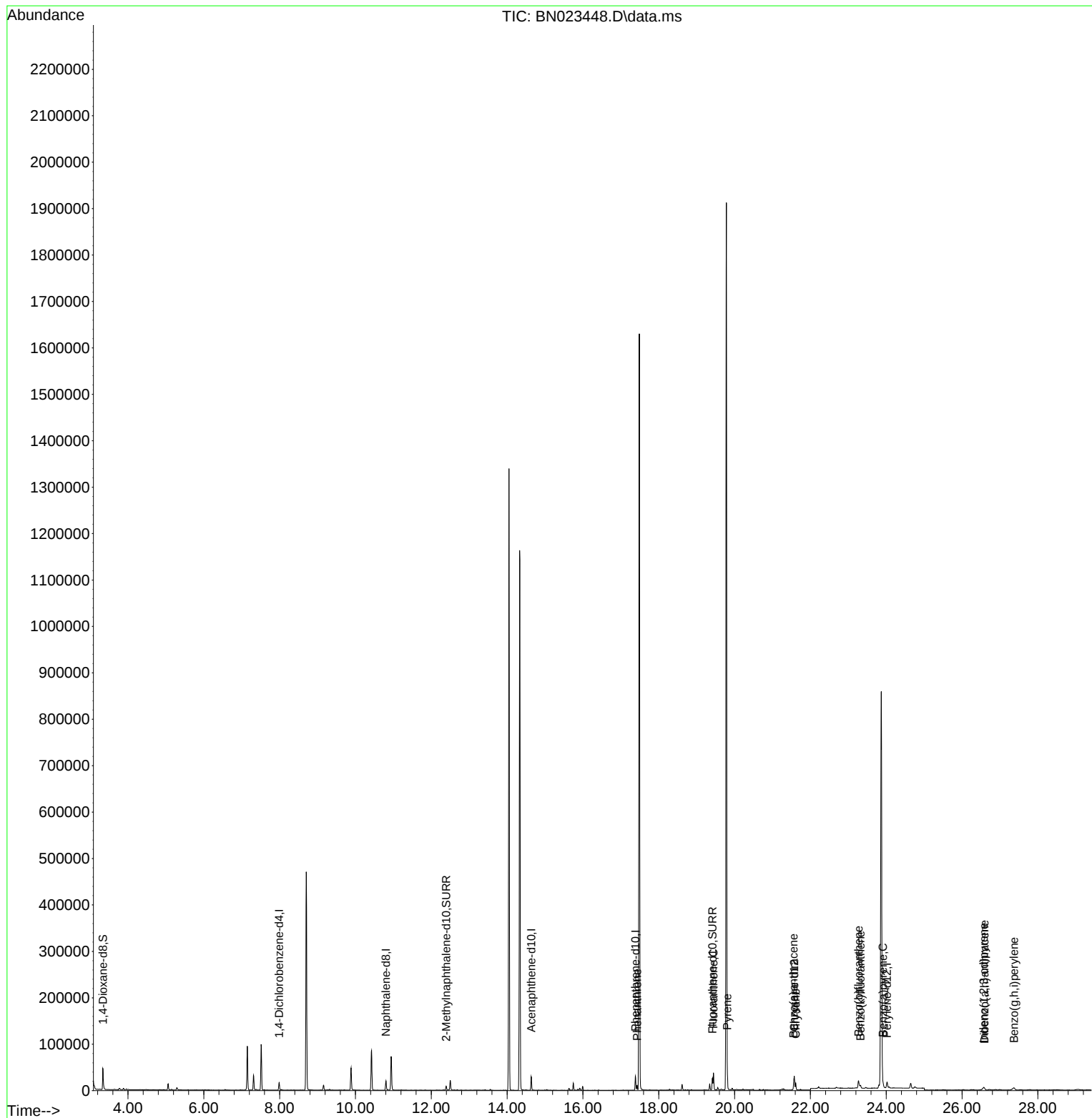
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023448.D
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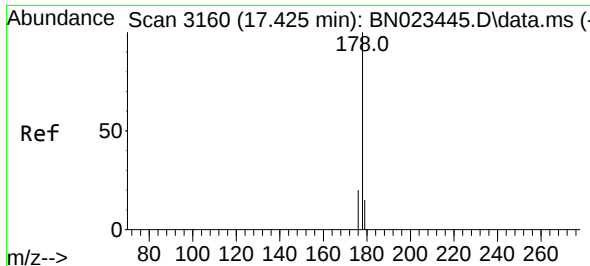
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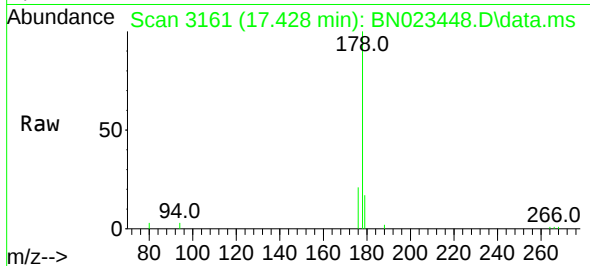
Quant Time: Dec 26 01:23:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.093 ng/u1
RT: 17.428 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN023448.D
Acq: 25 Dec 2022 14:10

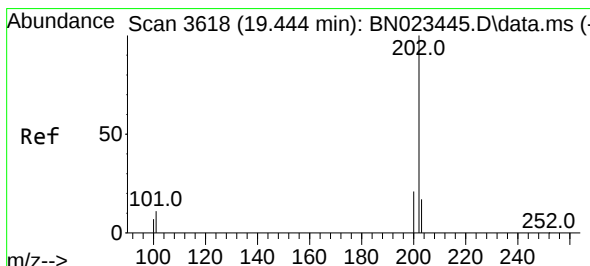
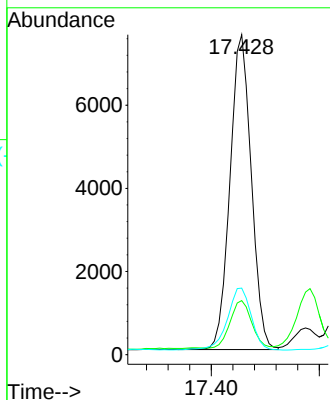
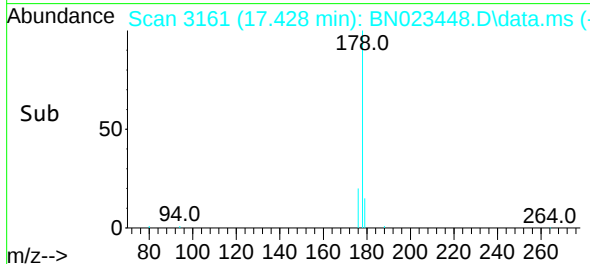
Instrument :
BNA_N
ClientSampleId :
DBYG4



Tgt Ion:178 Resp: 10386
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 20.8 15.7 23.5

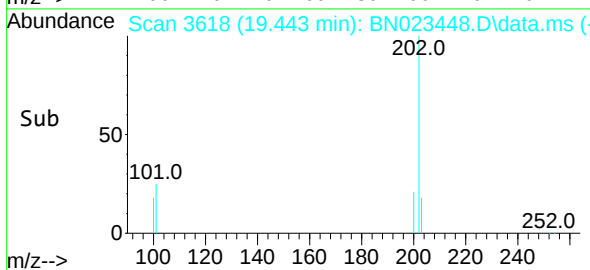
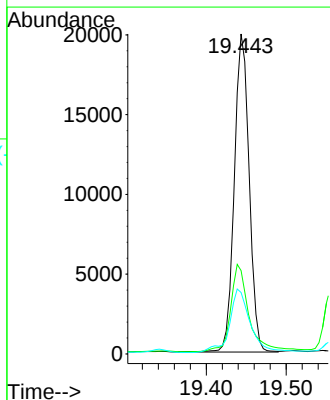
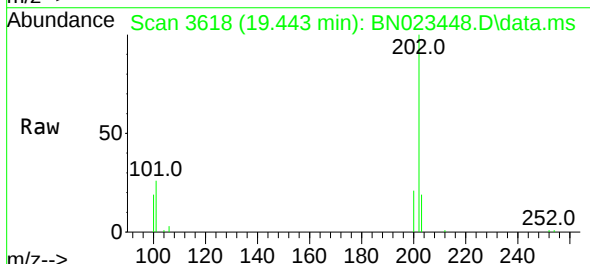
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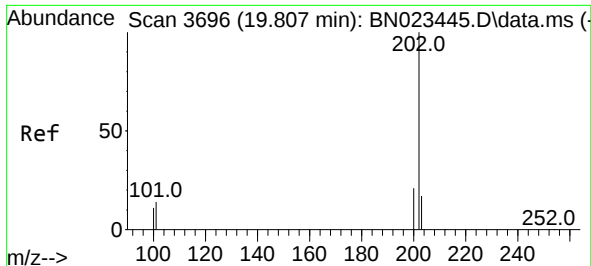
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#19
Fluoranthene
Concen: 0.222 ng/u1
RT: 19.443 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BN023448.D
Acq: 25 Dec 2022 14:10

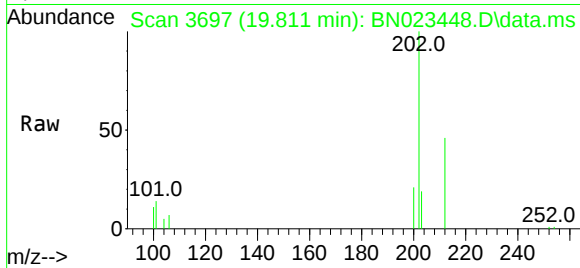
Tgt Ion:202 Resp: 25645
Ion Ratio Lower Upper
202 100
101 26.1 9.4 14.2#
100 19.2 7.0 10.6#





#20
Pyrene
Concen: 0.169 ng/ul m
RT: 19.811 min Scan# 3696
Delta R.T. 0.005 min
Lab File: BN023448.D
Acq: 25 Dec 2022 14:10

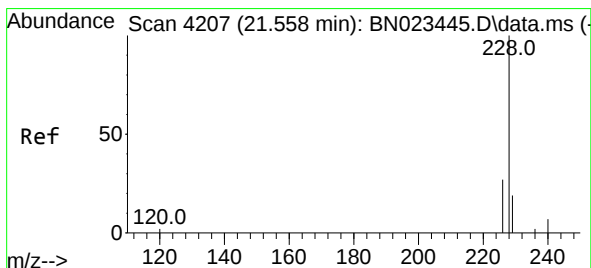
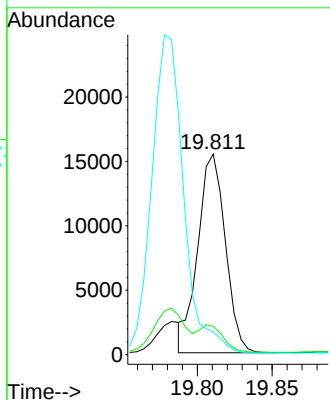
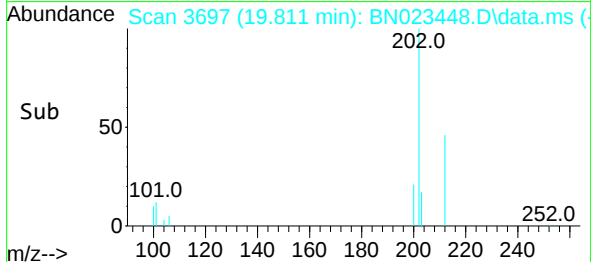
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 19659
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.3 9.0 13.4

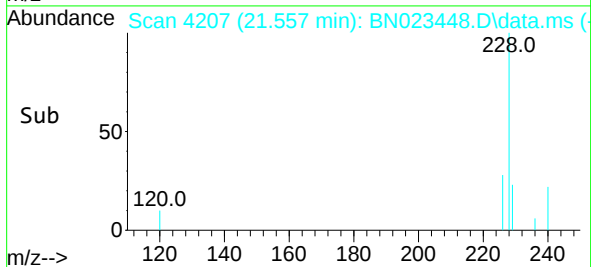
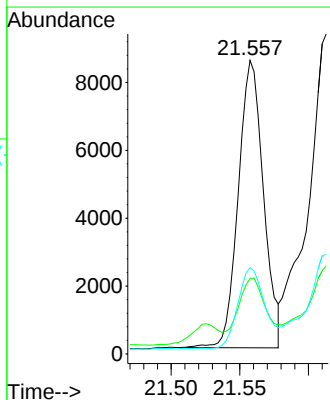
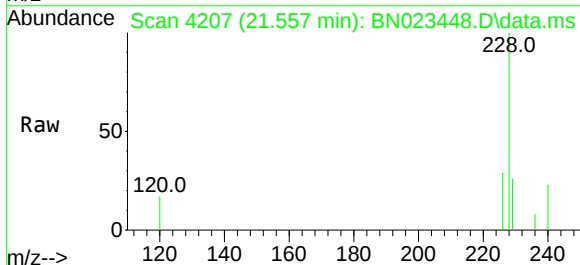
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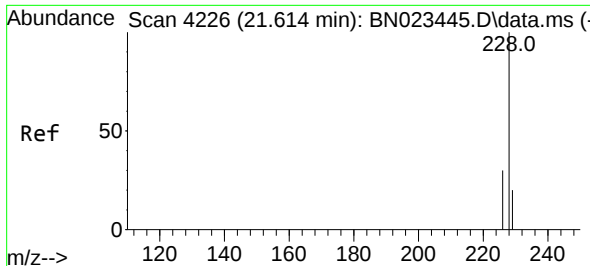
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#21
Benzo(a)anthracene
Concen: 0.116 ng/ul
RT: 21.557 min Scan# 4207
Delta R.T. 0.001 min
Lab File: BN023448.D
Acq: 25 Dec 2022 14:10

Tgt Ion:228 Resp: 10800
Ion Ratio Lower Upper
228 100
229 25.7 15.6 23.4#
226 29.4 22.2 33.2





#22

Chrysene

Concen: 0.149 ng/ul

RT: 21.613 min Scan# 4226

Delta R.T. 0.001 min

Lab File: BN023448.D

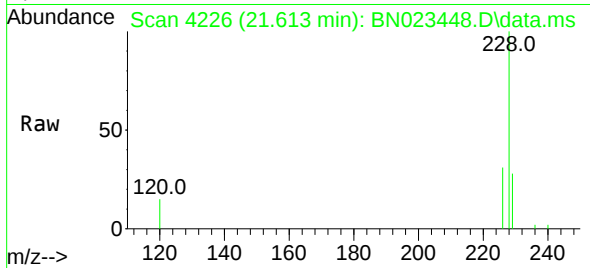
Acq: 25 Dec 2022 14:10

Instrument :

BNA_N

ClientSampleId :

DBYG4



Tgt Ion:228 Resp: 1401

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

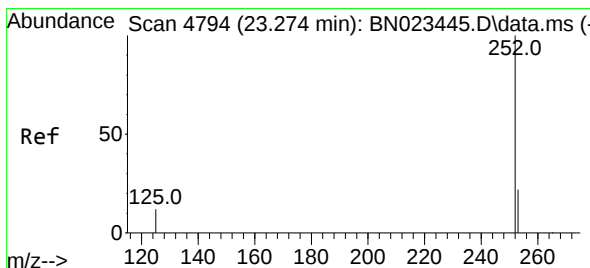
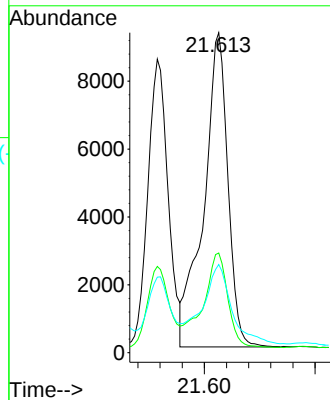
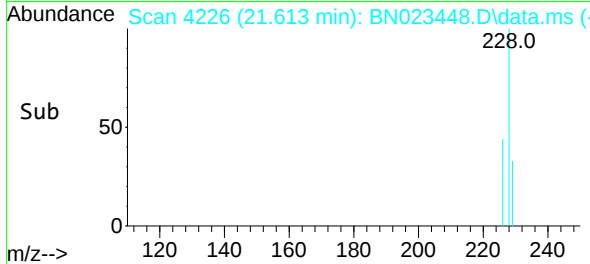
229 27.6 15.8 23.6

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#24

Benzo(b)fluoranthene

Concen: 0.216 ng/ul m

RT: 23.273 min Scan# 4794

Delta R.T. 0.004 min

Lab File: BN023448.D

Acq: 25 Dec 2022 14:10

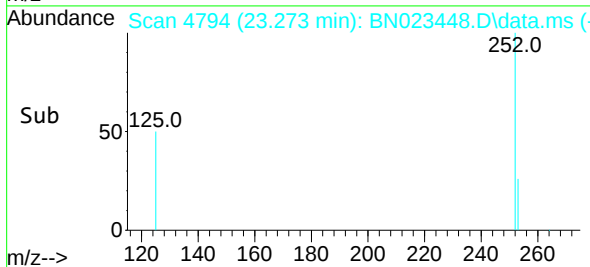
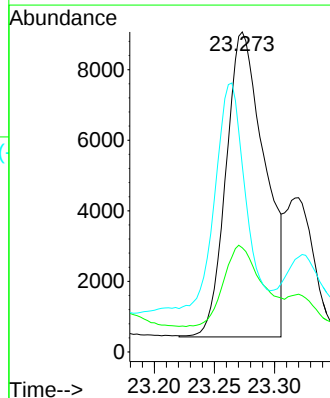
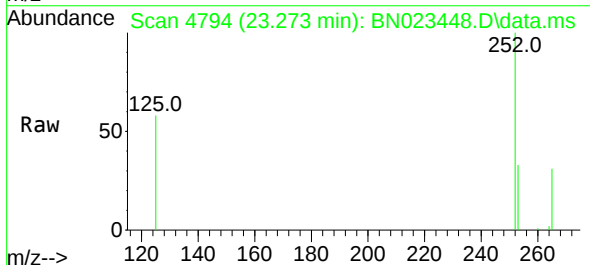
Tgt Ion:252 Resp: 19405

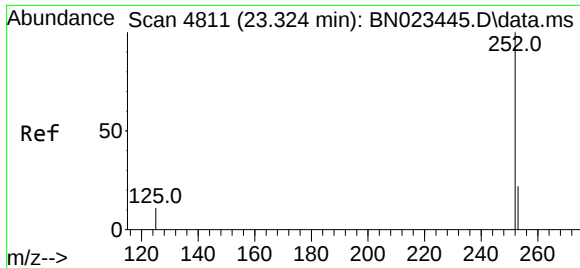
Ion Ratio Lower Upper

252 100

253 32.6 0.0 49.2

125 58.3 0.0 31.8





#25

Benzo(k)fluoranthene

Concen: 0.078 ng/ul m

RT: 23.320 min Scan# 4811

Delta R.T. 0.001 min

Lab File: BN023448.D

Acq: 25 Dec 2022 14:10

Instrument :

BNA_N

ClientSampleId :

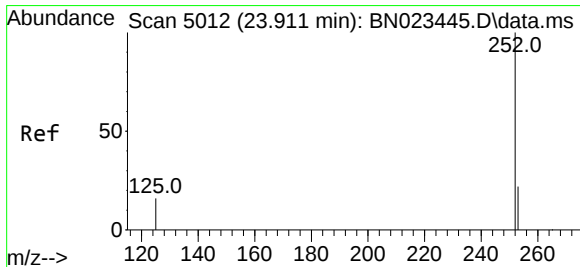
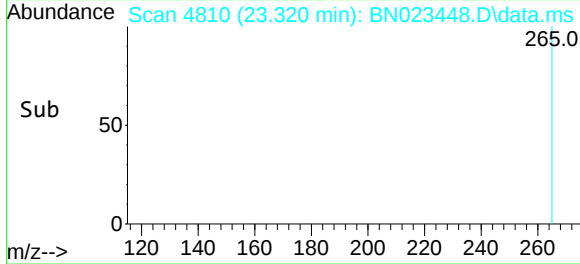
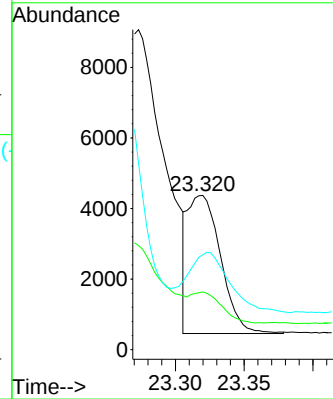
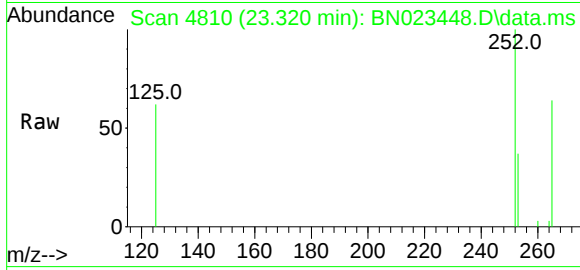
DBYG4

Tgt Ion:	252	Resp:	656
Ion Ratio	Lower	Upper	
252	100		
253	37.4	19.8	29.6
125	61.6	12.6	18.8

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#26

Benzo(a)pyrene

Concen: 0.159 ng/ul

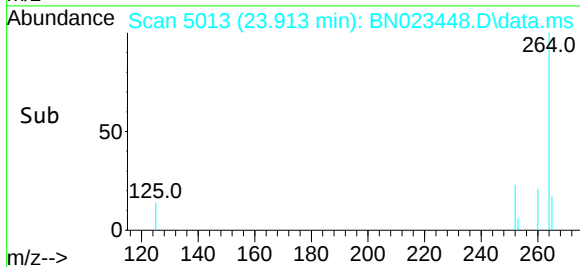
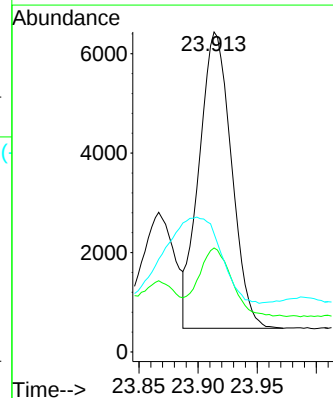
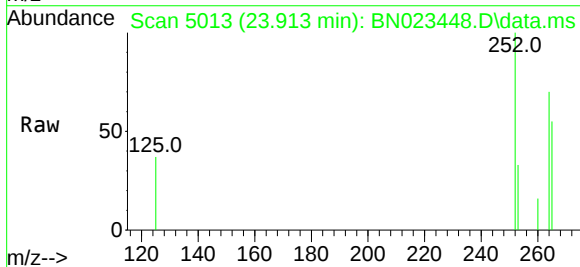
RT: 23.913 min Scan# 5013

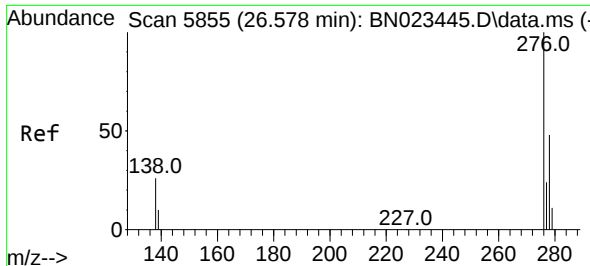
Delta R.T. 0.004 min

Lab File: BN023448.D

Acq: 25 Dec 2022 14:10

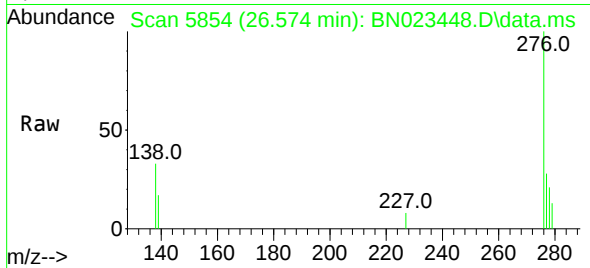
Tgt Ion:	252	Resp:	11332
Ion Ratio	Lower	Upper	
252	100		
253	32.5	21.4	32.2
125	36.9	16.2	24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.002 min
Lab File: BN023448.D
Acq: 25 Dec 2022 14:10

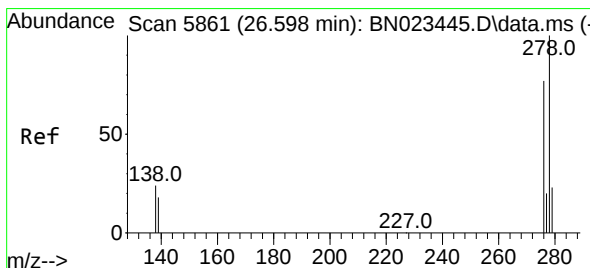
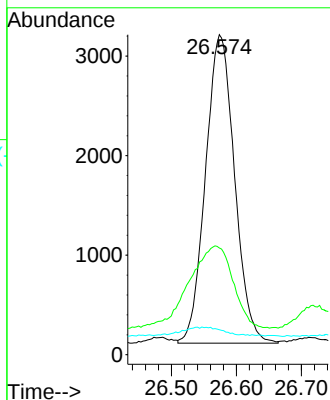
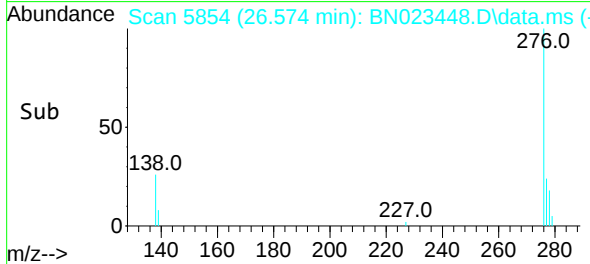
Instrument :
BNA_N
ClientSampleId :
DBYG4



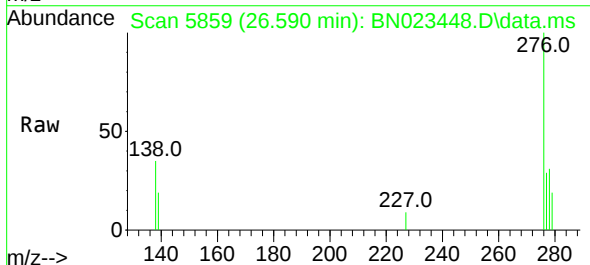
Tgt Ion:276 Resp: 9614
Ion Ratio Lower Upper
276 100
138 41.0 23.4 35.2#
227 0.0 0.0 0.0

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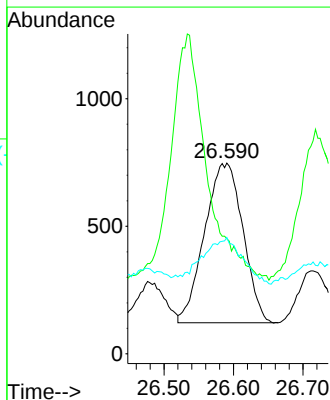
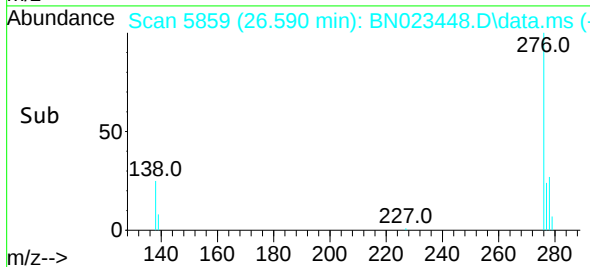
Reviewed By :Yogesh Patel 12/26/2022
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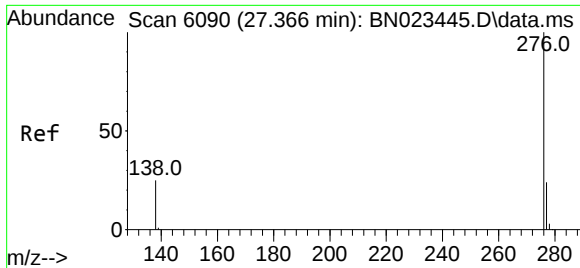


#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.008 min
Lab File: BN023448.D
Acq: 25 Dec 2022 14:10



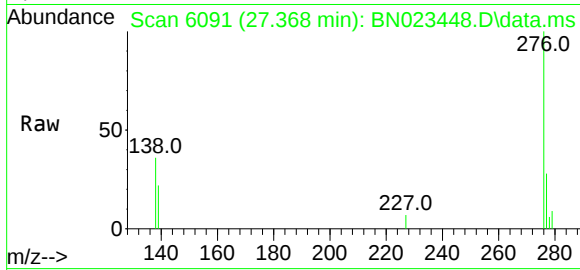
Tgt Ion:278 Resp: 2394
Ion Ratio Lower Upper
278 100
139 60.3 16.6 24.8#
279 61.0 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.150 ng/ul
 RT: 27.368 min Scan# 6090
 Delta R.T. 0.002 min
 Lab File: BN023448.D
 Acq: 25 Dec 2022 14:10

Instrument :
 BNA_N
 ClientSampleId :
 DBYG4



Tgt Ion:276 Resp: 10109
 Ion Ratio Lower Upper
 276 100
 138 36.0 20.3 30.5
 277 27.8 19.7 29.5

Manual Integrations
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