

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023335.D
 Acq On : 22 Dec 2022 12:31
 Operator : CG/JU
 Sample : N6003-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT8

Quant Time: Dec 22 23:52:59 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)

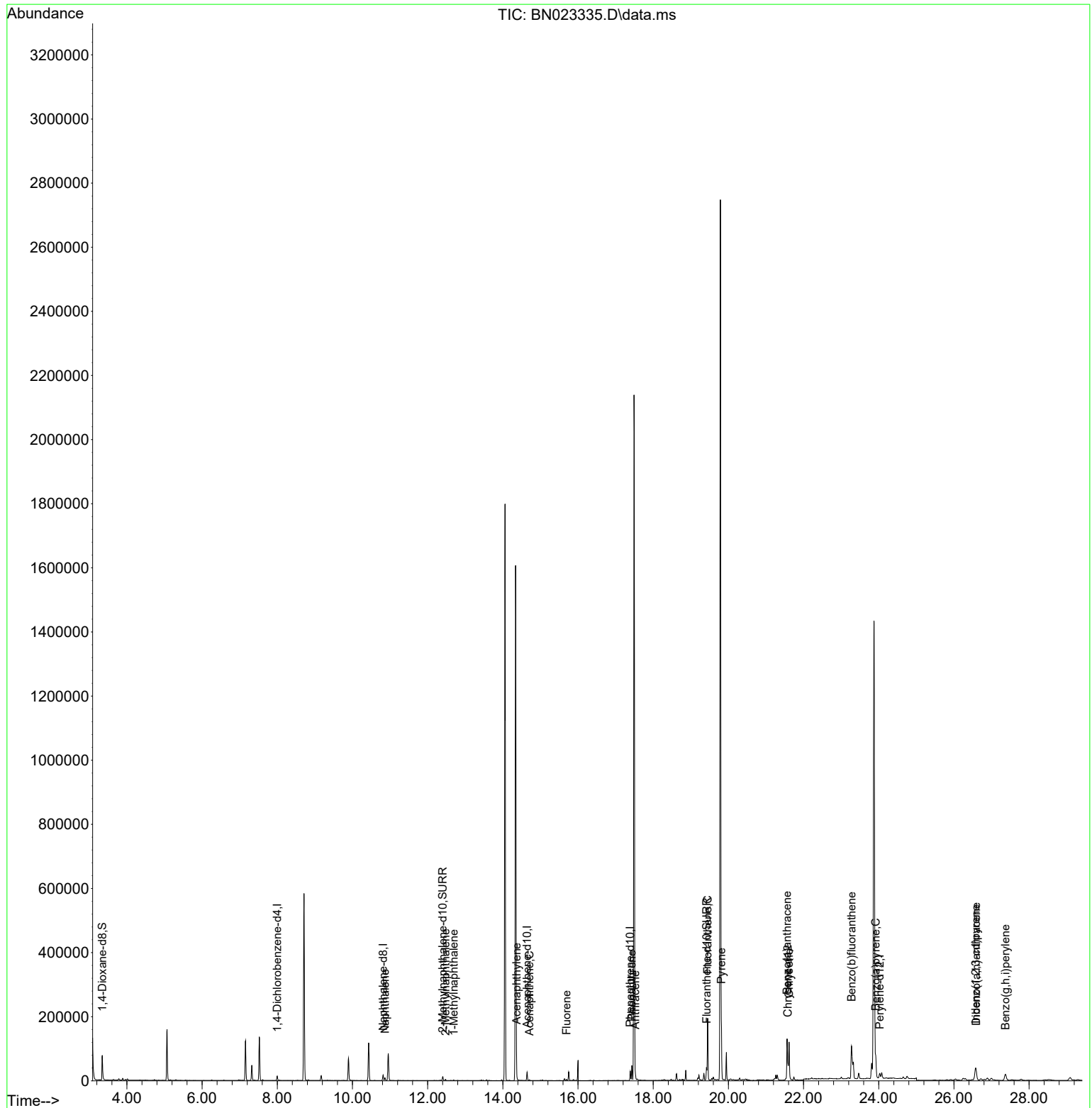
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6664	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	22074	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	13481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	31702	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	26225	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	21672	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	50899	7.030	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	15404	0.451	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	40018	0.422	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.865	128	11080	0.171	ng/ul	98
7) 2-Methylnaphthalene	12.476	142	2330	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.696	142	1177	0.028	ng/ul	98
10) Acenaphthylene	14.368	152	15620	0.261	ng/ul	99
11) Acenaphthene	14.705	153	1281	0.025	ng/ul	95
12) Fluorene	15.695	166	2344	0.041	ng/ul#	98
15) Phenanthrene	17.432	178	47322	0.458	ng/ul	99
16) Anthracene	17.525	178	13051	0.152	ng/ul	97
19) Fluoranthene	19.448	202	152731	1.201	ng/ul	99
20) Pyrene	19.815	202	116003	0.905	ng/ul	98
21) Benzo(a)anthracene	21.560	228	104999	1.028	ng/ul	98
22) Chrysene	21.613	228	116377	1.121	ng/ul#	96
24) Benzo(b)fluoranthene	23.276	252	233947	2.087	ng/ul	97
26) Benzo(a)pyrene	23.919	252	88755	1.000	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.577	276	64336	0.621	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.590	278	17146	0.213	ng/ul#	87
29) Benzo(g,h,i)perylene	27.372	276	42586	0.504	ng/ul	98

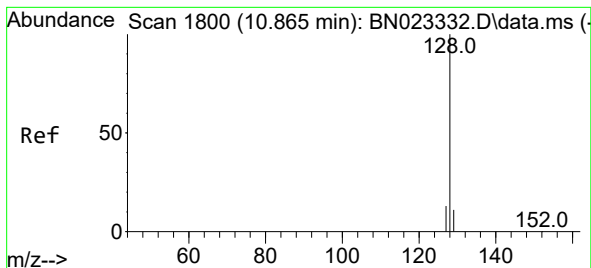
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:52:59 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





#5

Naphthalene

Concen: 0.171 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN023335.D

Acq: 22 Dec 2022 12:31

Instrument :

BNA_N

ClientSampleId :

DBXT8

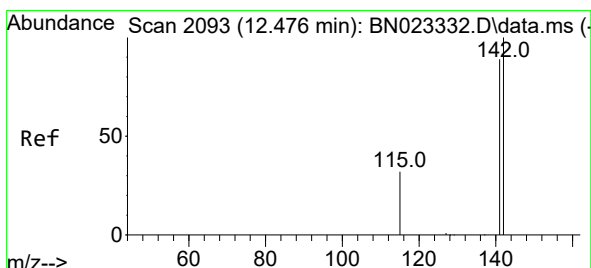
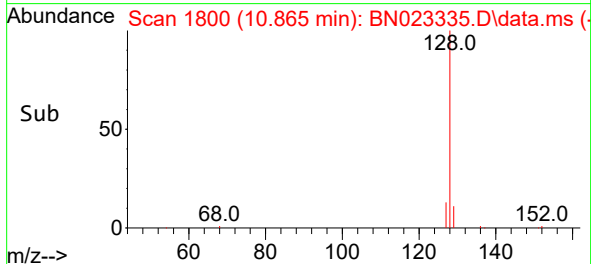
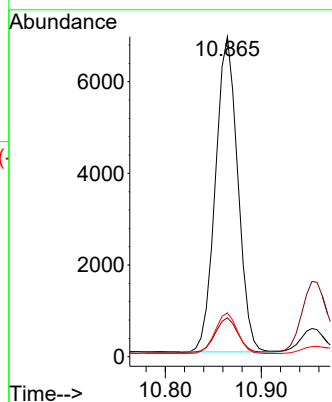
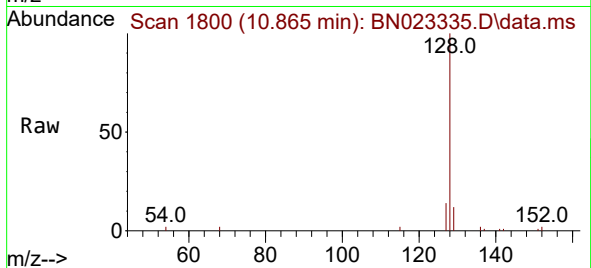
Tgt Ion:128 Resp: 11080

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.4

127 13.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.056 ng/ul

RT: 12.476 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN023335.D

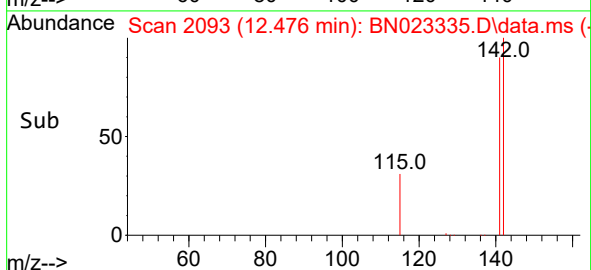
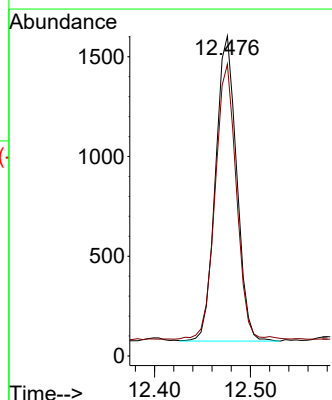
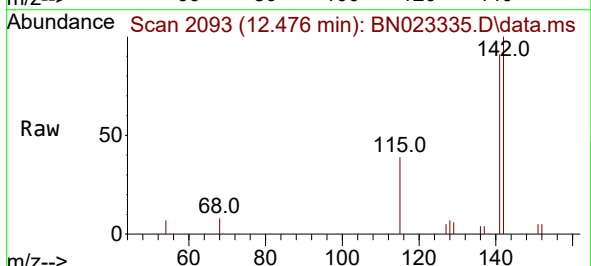
Acq: 22 Dec 2022 12:31

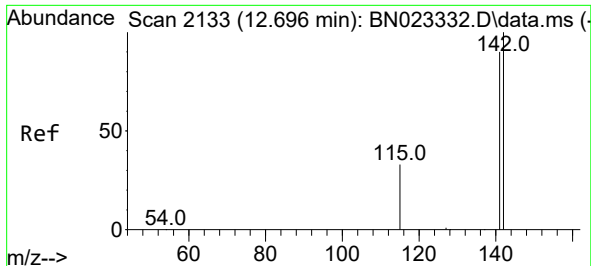
Tgt Ion:142 Resp: 2330

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2

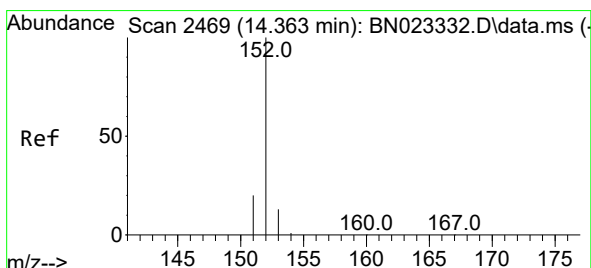
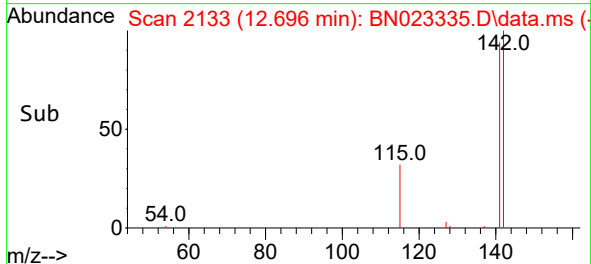
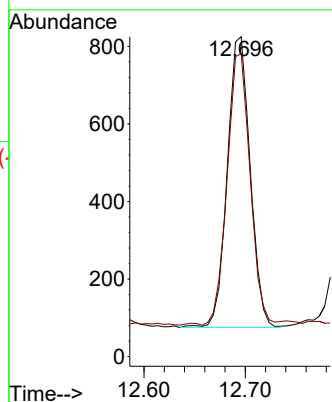
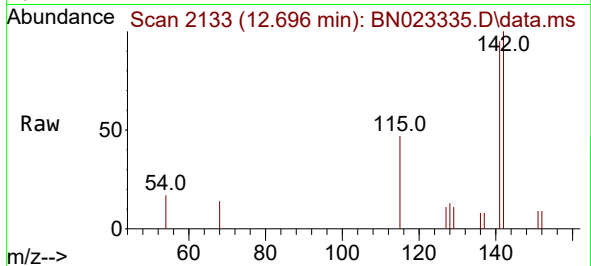




#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

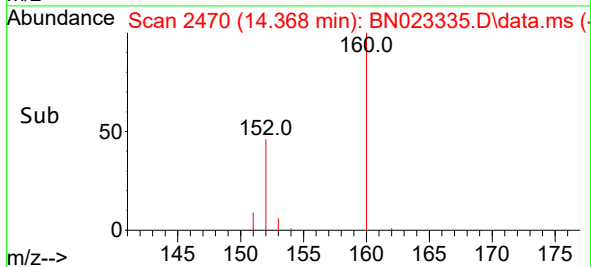
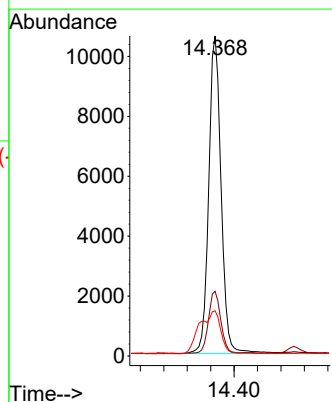
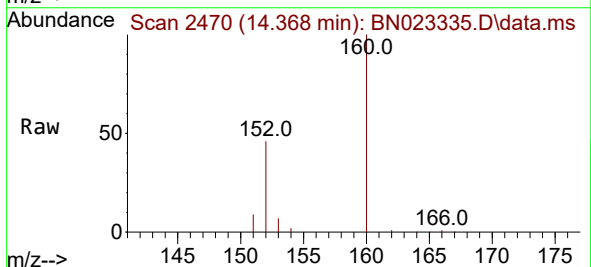
Instrument :
BNA_N
ClientSampleId :
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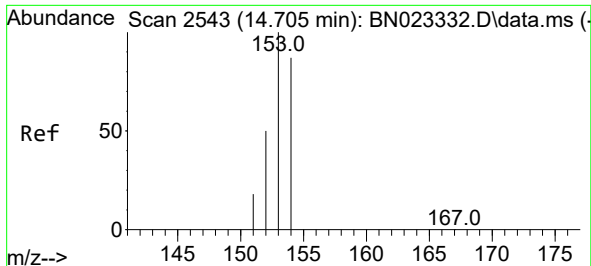
Tgt Ion:142 Resp: 1177
Ion Ratio Lower Upper
142 100
141 94.8 74.0 111.0



#10
Acenaphthylene
Concen: 0.261 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

Tgt Ion:152 Resp: 15620
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.1 10.9 16.3

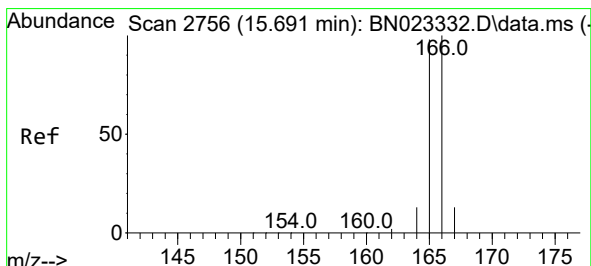
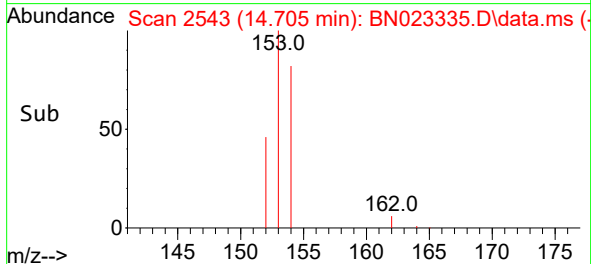
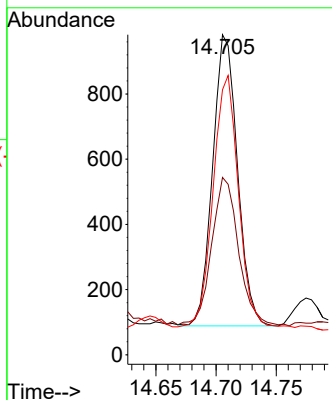
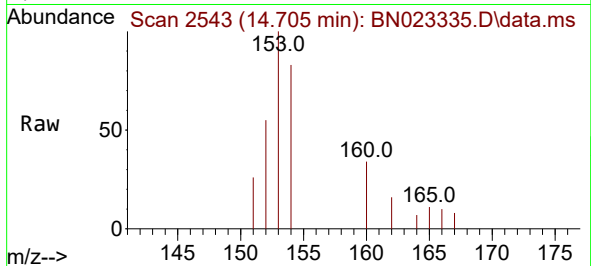




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.705 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

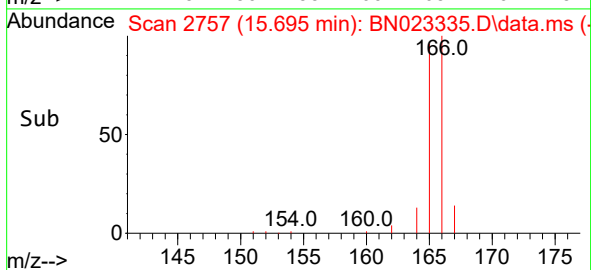
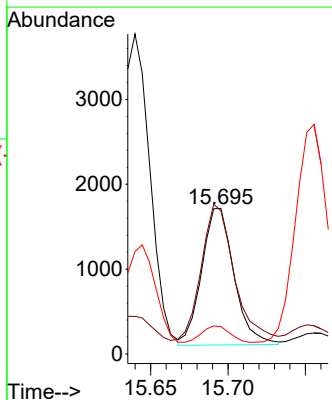
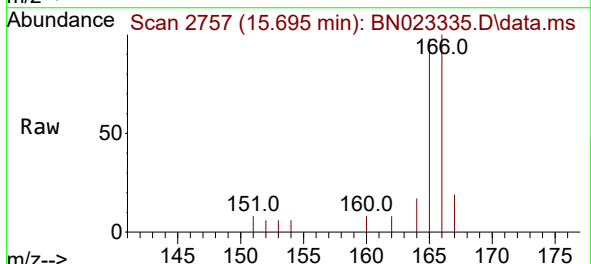
Instrument :
BNA_N
ClientSampleId :
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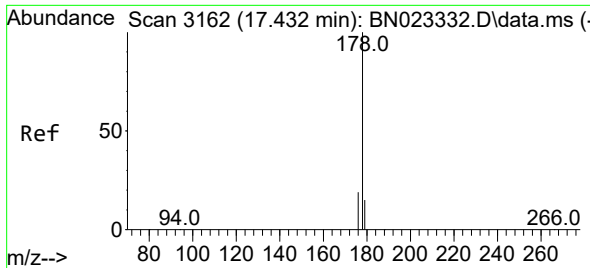
Tgt Ion:153 Resp: 1281
Ion Ratio Lower Upper
153 100
152 55.4 41.0 61.4
154 82.8 69.5 104.3



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

Tgt Ion:166 Resp: 2344
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 18.8 11.0 16.4#

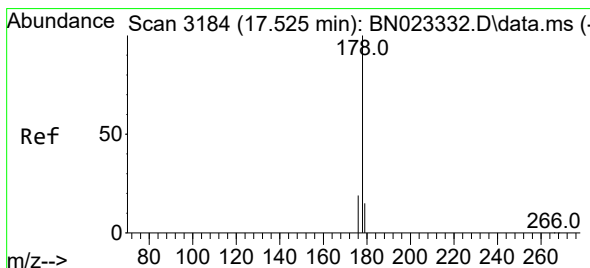
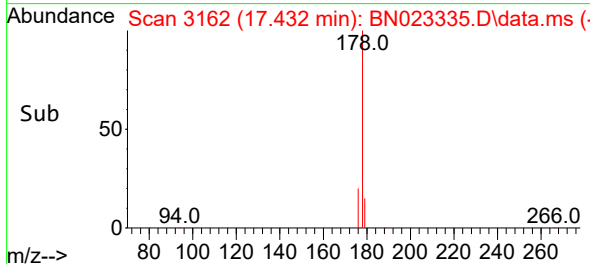
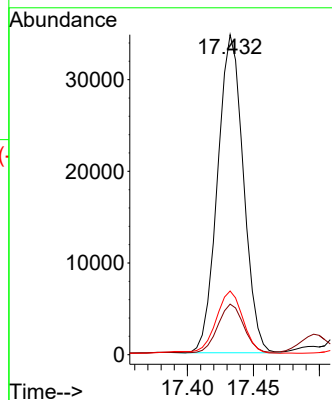
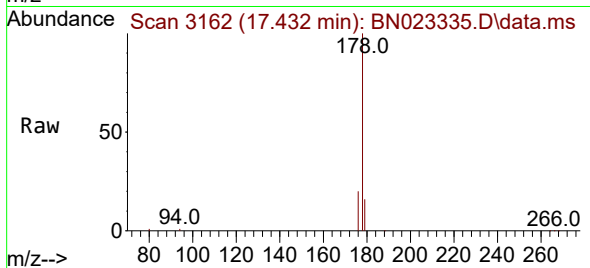




#15
Phenanthrene
Concen: 0.458 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

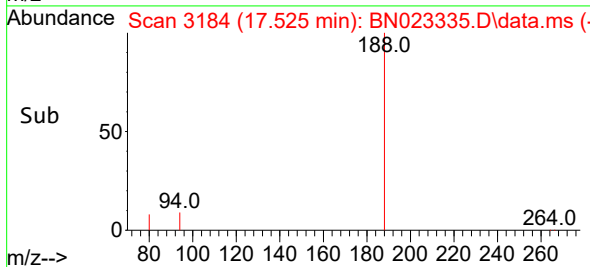
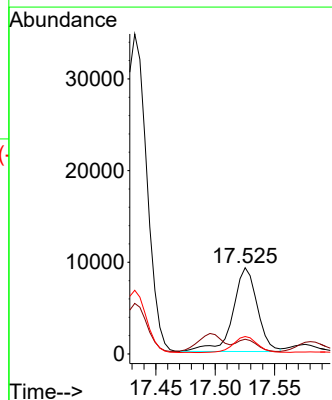
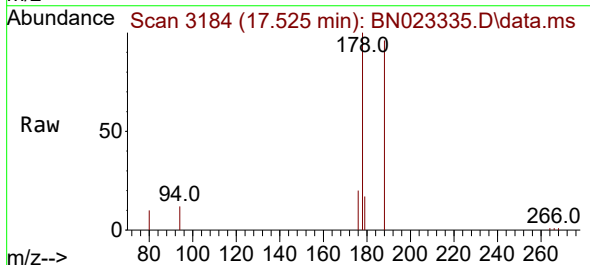
Instrument :
BNA_N
ClientSampleId :
DBXT8

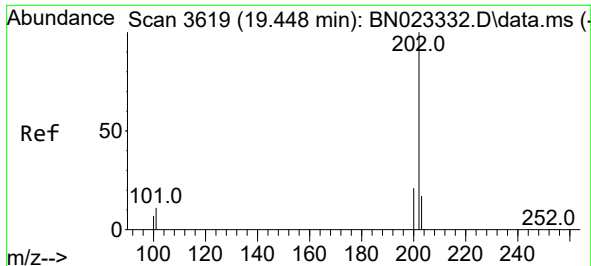
Tgt Ion:178 Resp: 47322
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

Tgt Ion:178 Resp: 13051
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 20.2 15.4 23.0

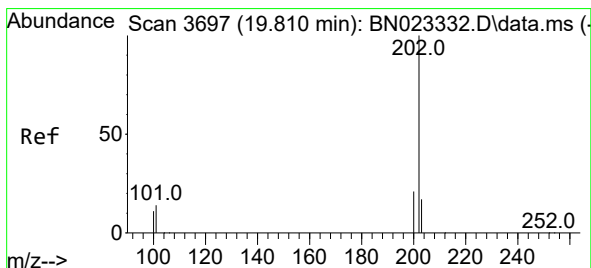
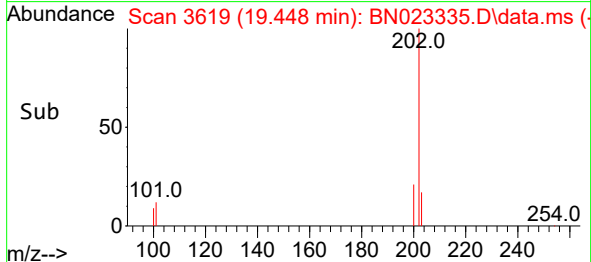
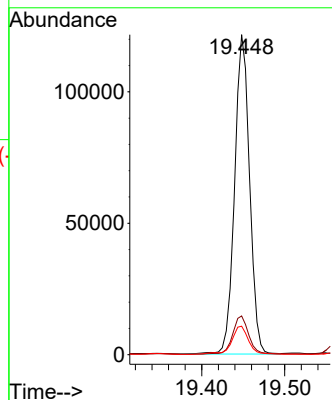
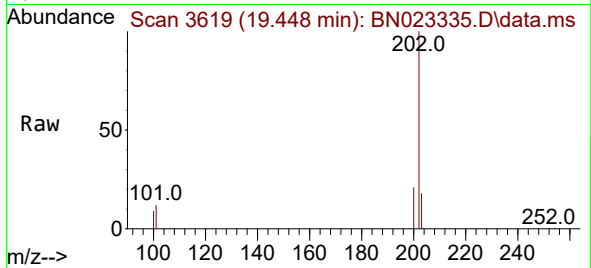




#19
Fluoranthene
Concen: 1.201 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

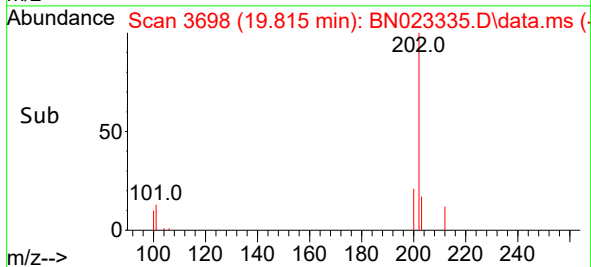
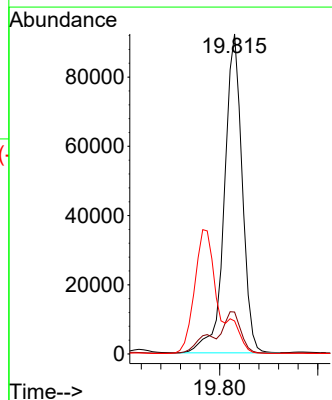
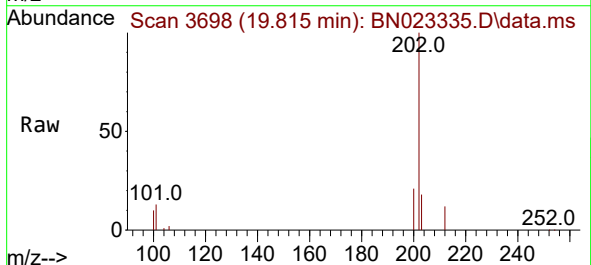
Instrument :
BNA_N
ClientSampleId :
DBXT8

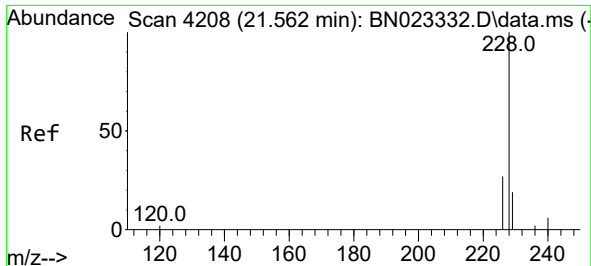
Tgt Ion:202 Resp: 152731
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 8.9 7.0 10.6



#20
Pyrene
Concen: 0.905 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

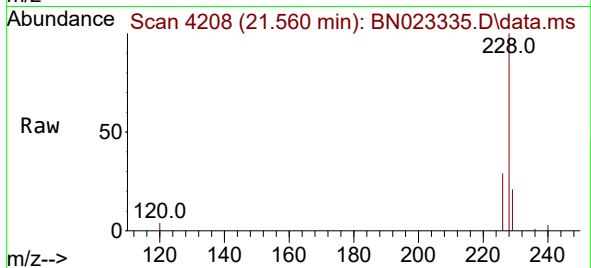
Tgt Ion:202 Resp: 116003
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 10.3 9.0 13.4



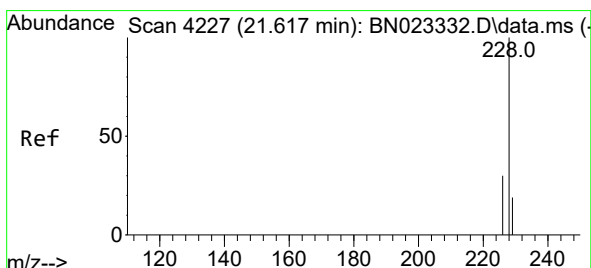
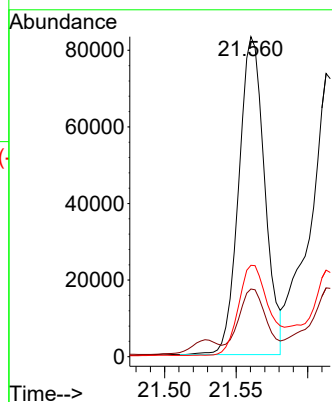
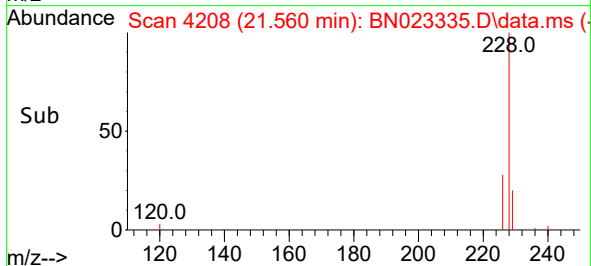


#21
Benzo(a)anthracene
Concen: 1.028 ng/ul
RT: 21.560 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

Instrument :
BNA_N
ClientSampleId :
DBXT8

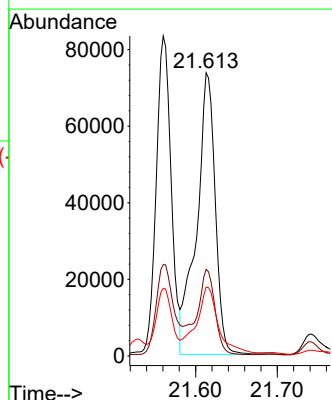
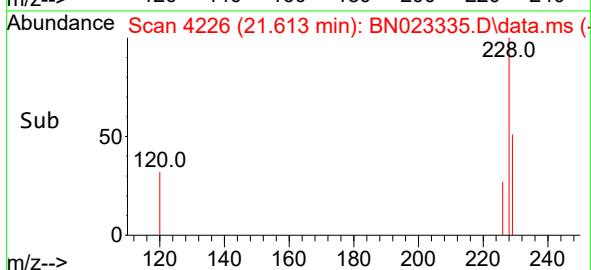
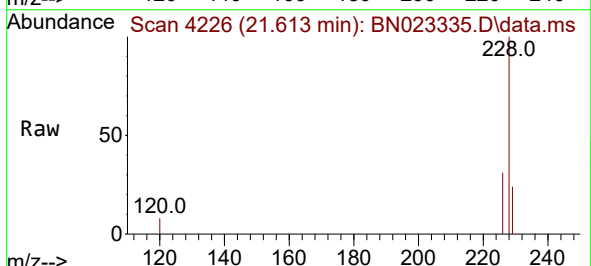


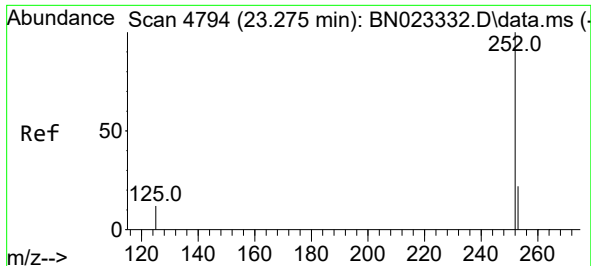
Tgt Ion:228 Resp: 104999
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.6 22.2 33.2



#22
Chrysene
Concen: 1.121 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

Tgt Ion:228 Resp: 116377
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 24.3 15.8 23.6#

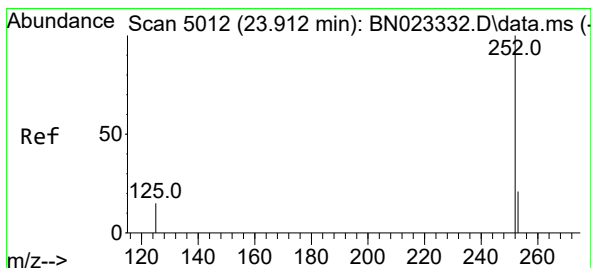
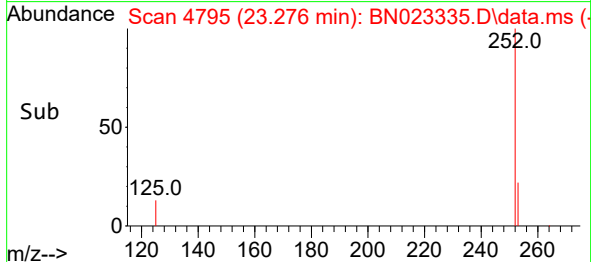
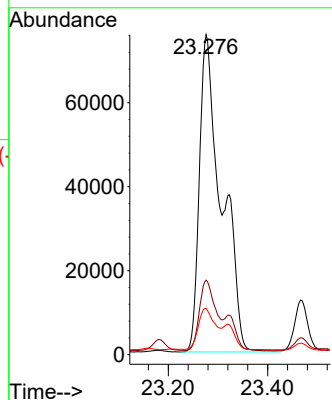
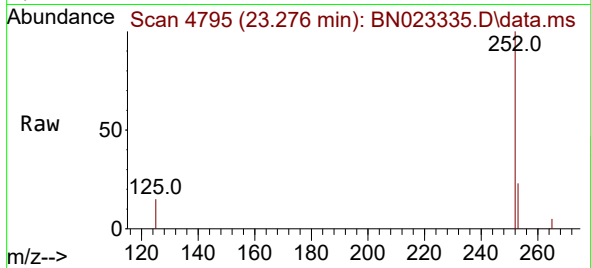




#24
Benzo(b)fluoranthene
Concen: 2.087 ng/ul
RT: 23.276 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

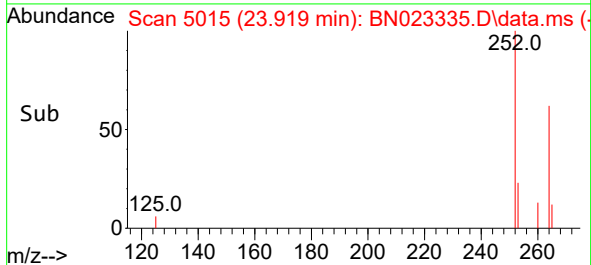
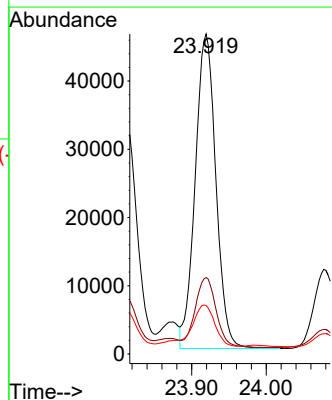
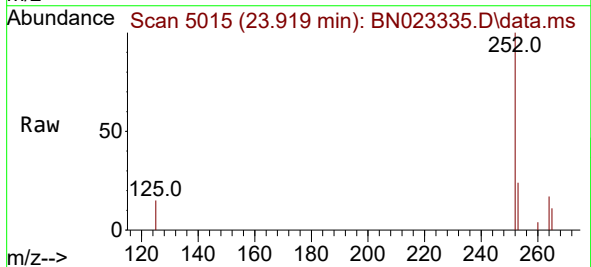
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BNA_N
ClientSampleId :
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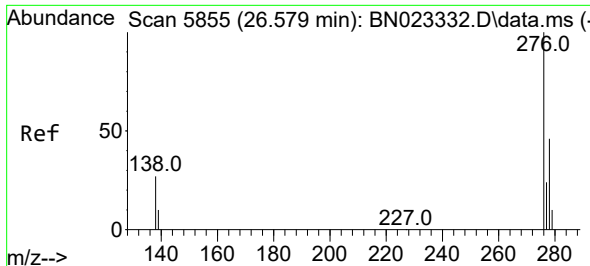
Tgt Ion:252 Resp: 233947
Ion Ratio Lower Upper
252 100
253 23.3 0.0 49.2
125 14.5 0.0 31.8



#26
Benzo(a)pyrene
Concen: 1.000 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023335.D
Acq: 22 Dec 2022 12:31

Tgt Ion:252 Resp: 88755
Ion Ratio Lower Upper
252 100
253 23.9 21.4 32.2
125 15.2 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.621 ng/ul

RT: 26.577 min Scan# 5855

Delta R.T. -0.001 min

Lab File: BN023335.D

Acq: 22 Dec 2022 12:31

Instrument :

BNA_N

ClientSampleId :

DBXT8

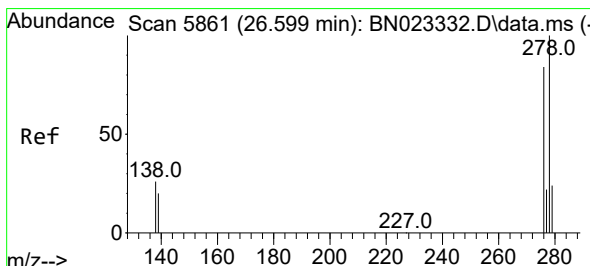
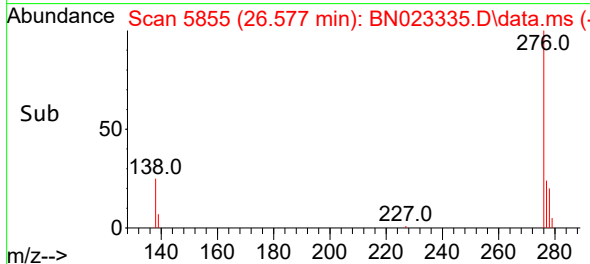
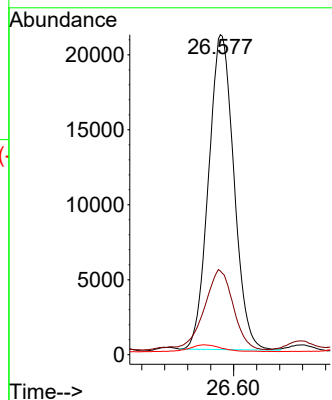
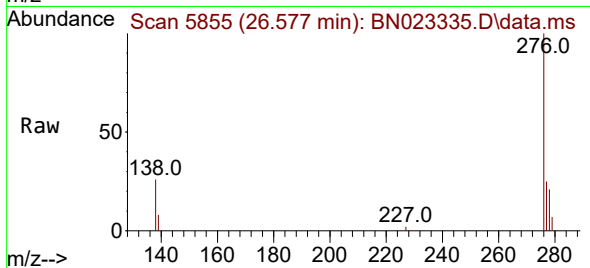
Tgt Ion:276 Resp: 64336

Ion Ratio Lower Upper

276 100

138 28.6 23.4 35.2

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.213 ng/ul

RT: 26.590 min Scan# 5859

Delta R.T. -0.011 min

Lab File: BN023335.D

Acq: 22 Dec 2022 12:31

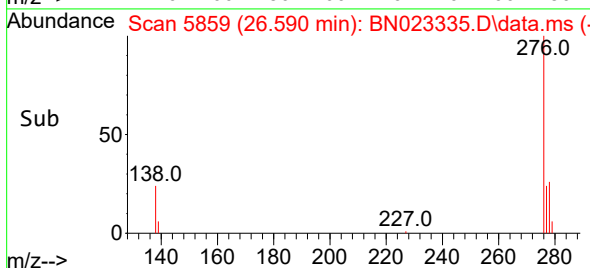
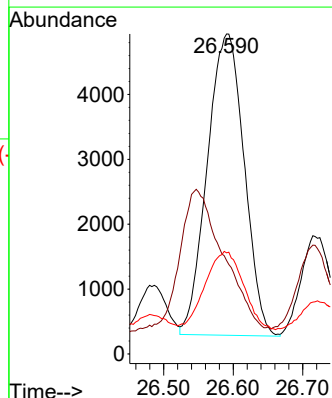
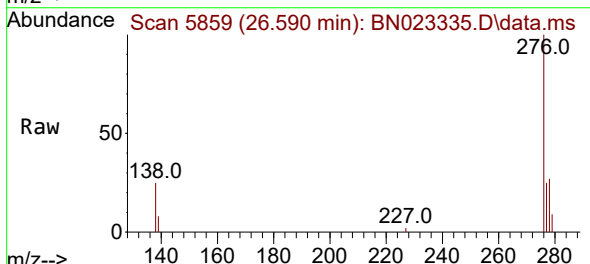
Tgt Ion:278 Resp: 17146

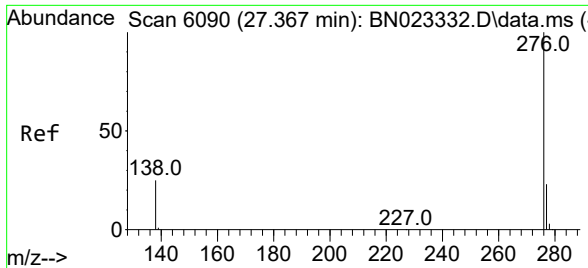
Ion Ratio Lower Upper

278 100

139 29.2 16.6 24.8#

279 31.6 21.3 31.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.504 ng/ul
 RT: 27.372 min Scan# 6092
 Delta R.T. 0.003 min
 Lab File: BN023335.D
 Acq: 22 Dec 2022 12:31

Instrument :
 BNA_N
 ClientSampleId :
 DBXT8

Tgt Ion:	276	Resp:	42586
Ion Ratio	Lower	Upper	
276	100		
138	27.6	20.3	30.5
277	24.4	19.7	29.5

