

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023337.D
 Acq On : 22 Dec 2022 13:46
 Operator : CG/JU
 Sample : N6003-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU9

Quant Time: Dec 22 23:53:18 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)

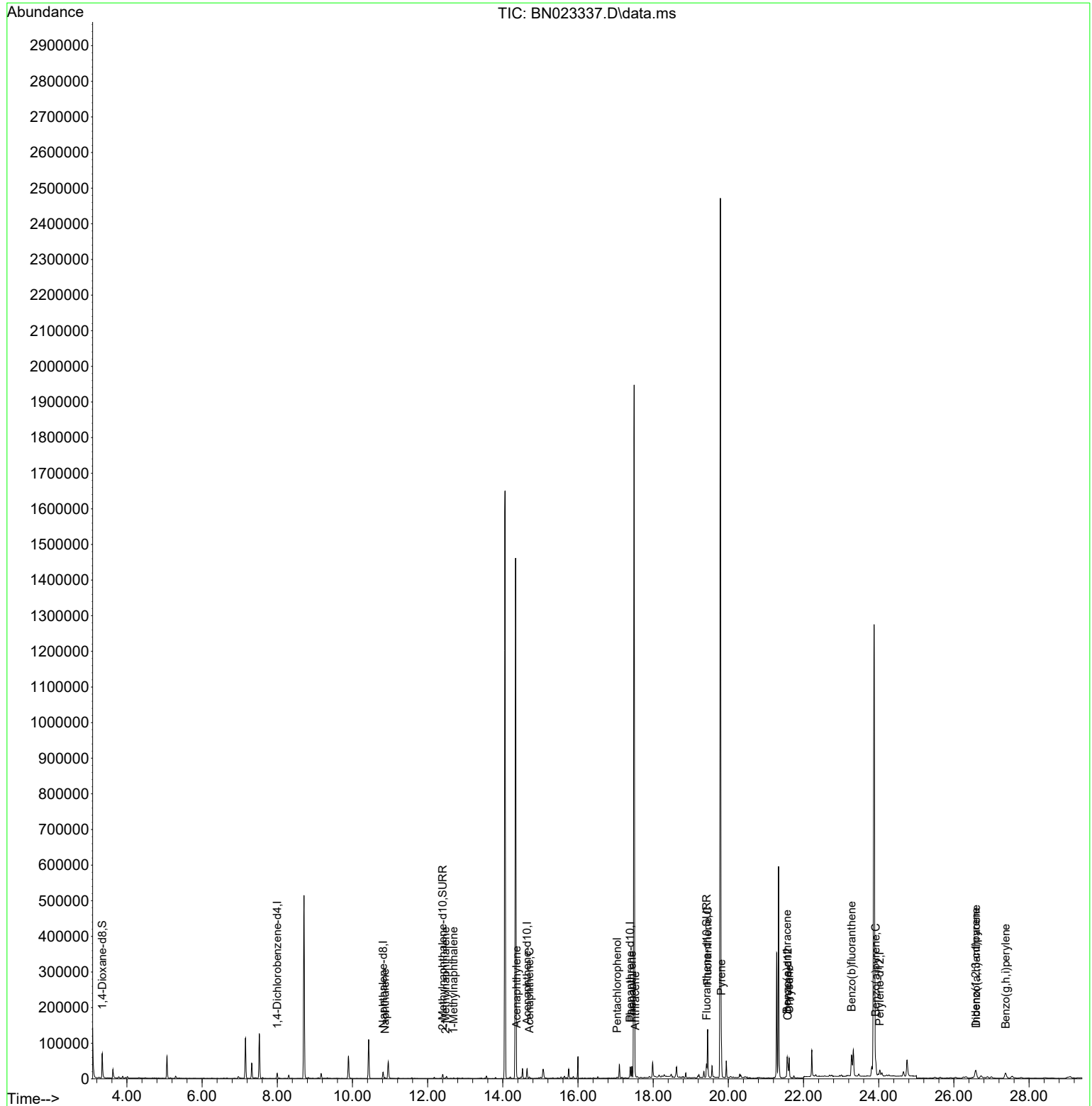
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23244	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	14467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	34149	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	26809	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	23264	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	45543	5.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	14048	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	36883	0.380	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.865	128	3150	0.046	ng/ul#	92
7) 2-Methylnaphthalene	12.476	142	1531	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.690	142	1195	0.027	ng/ul	97
10) Acenaphthylene	14.368	152	1680	0.026	ng/ul#	77
11) Acenaphthene	14.706	153	1712	0.032	ng/ul	95
14) Pentachlorophenol	17.041	266	266	0.028	ng/ul	96
15) Phenanthrene	17.433	178	32286	0.290	ng/ul	97
16) Anthracene	17.526	178	4637	0.050	ng/ul#	82
19) Fluoranthene	19.449	202	93331	0.718	ng/ul#	63
20) Pyrene	19.816	202	75681	0.577	ng/ul	99
21) Benzo(a)anthracene	21.561	228	45653	0.437	ng/ul	97
22) Chrysene	21.617	228	53839	0.507	ng/ul#	96
24) Benzo(b)fluoranthene	23.280	252	108851	0.905	ng/ul#	68
26) Benzo(a)pyrene	23.920	252	46751	0.491	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.581	276	36267	0.326	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.595	278	9064	0.105	ng/ul#	66
29) Benzo(g,h,i)perylene	27.376	276	31813	0.351	ng/ul#	93

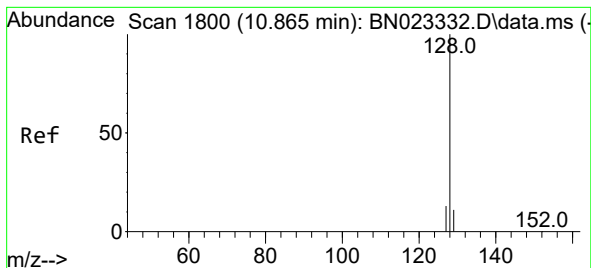
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.046 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN023337.D

Acq: 22 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

DBXU9

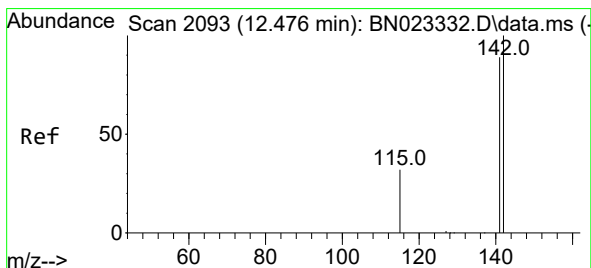
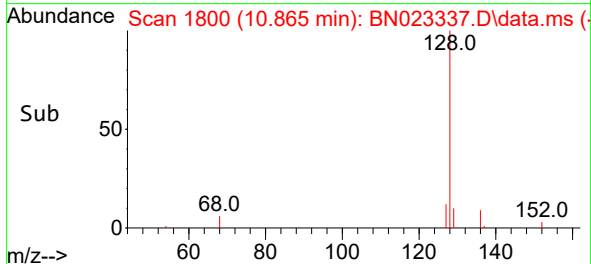
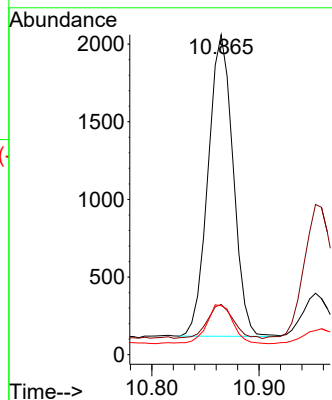
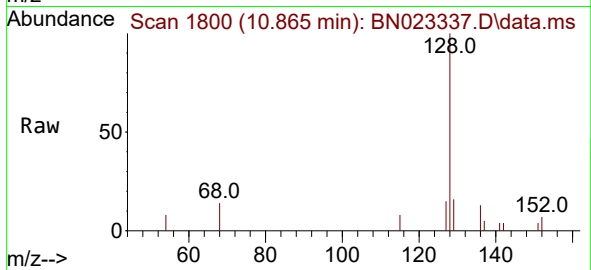
Tgt Ion:128 Resp: 3150

Ion Ratio Lower Upper

128 100

129 15.7 9.0 13.4#

127 15.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 12.476 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BN023337.D

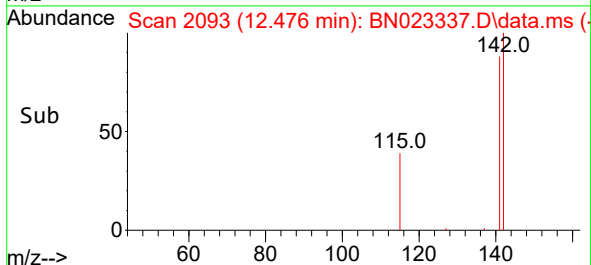
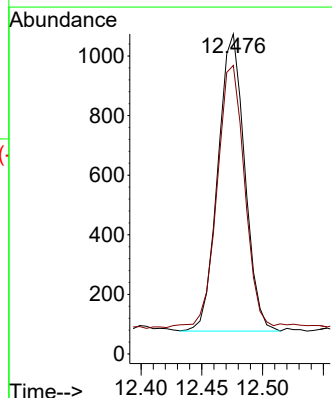
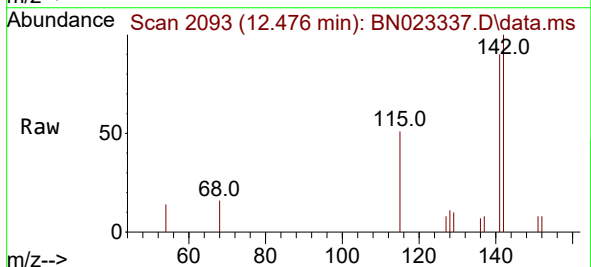
Acq: 22 Dec 2022 13:46

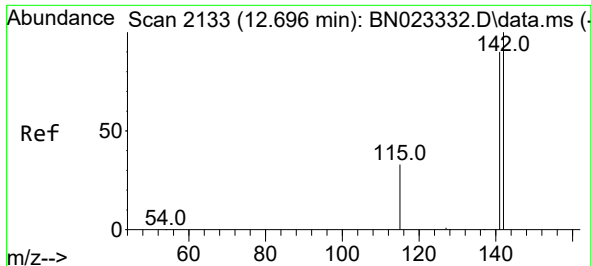
Tgt Ion:142 Resp: 1531

Ion Ratio Lower Upper

142 100

141 93.1 71.4 107.2

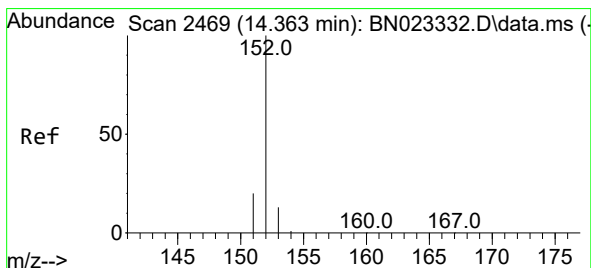
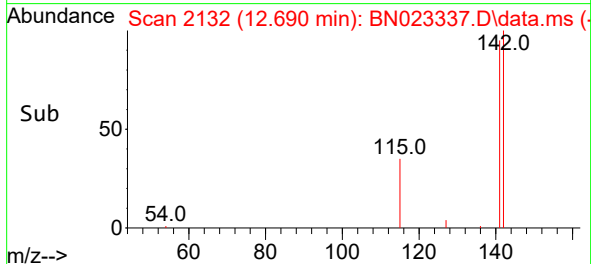
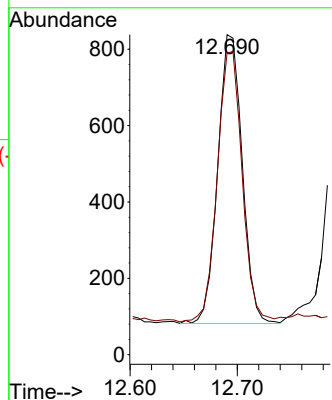
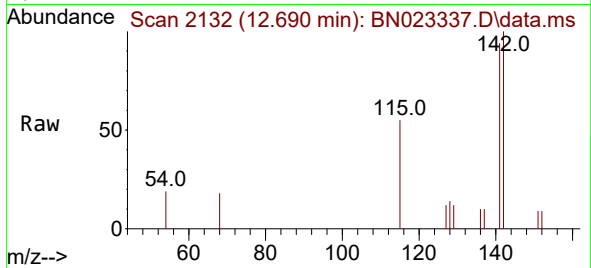




#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.690 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

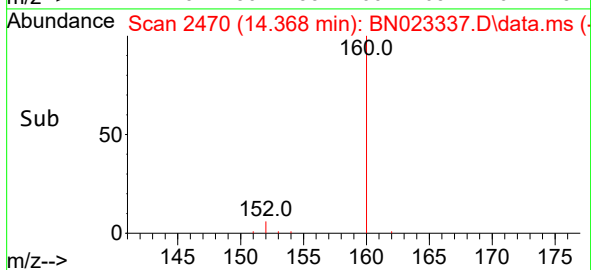
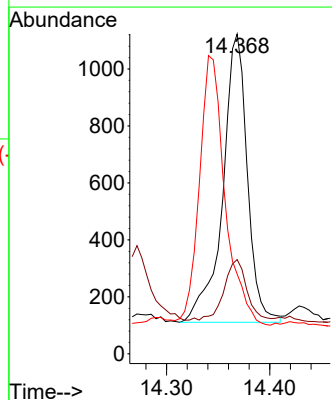
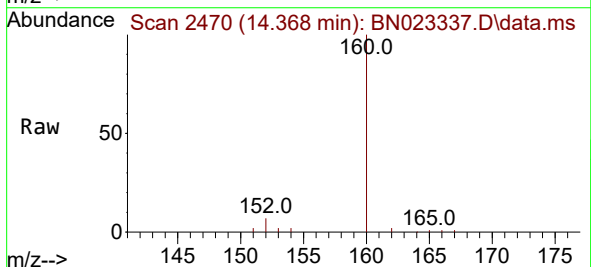
Instrument :
BNA_N
ClientSampleId :
DBXU9

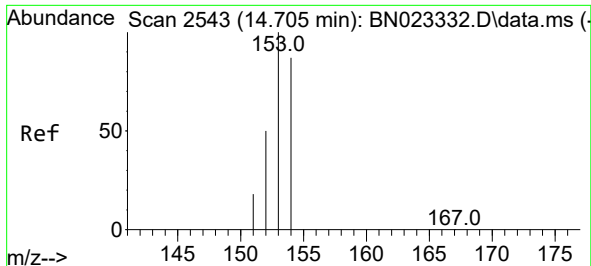
Tgt Ion:142 Resp: 1195
Ion Ratio Lower Upper
142 100
141 95.2 74.0 111.0



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:152 Resp: 1680
Ion Ratio Lower Upper
152 100
151 29.5 16.1 24.1#
153 24.9 10.9 16.3#

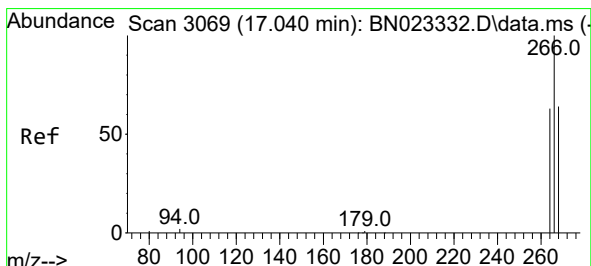
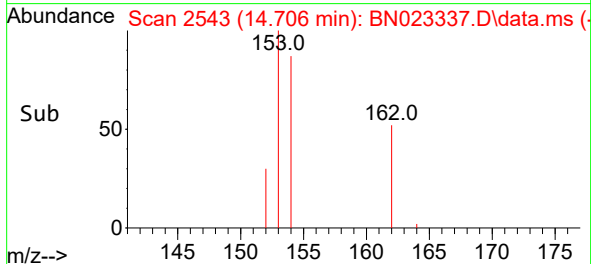
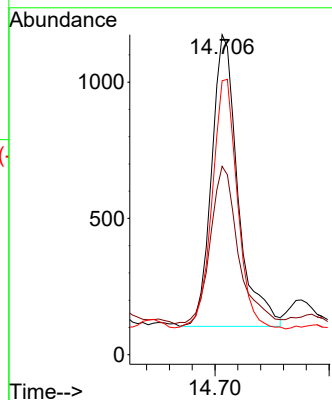
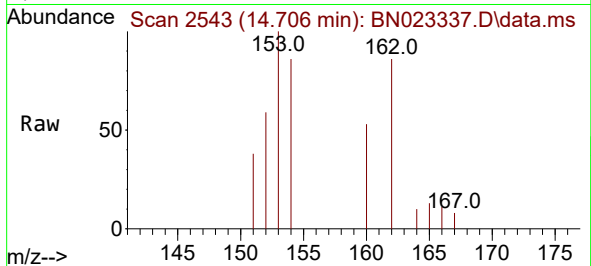




#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.706 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

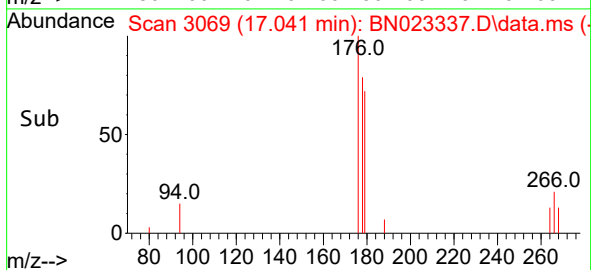
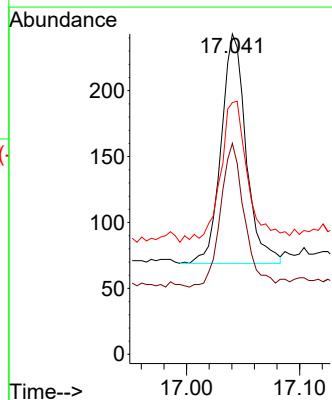
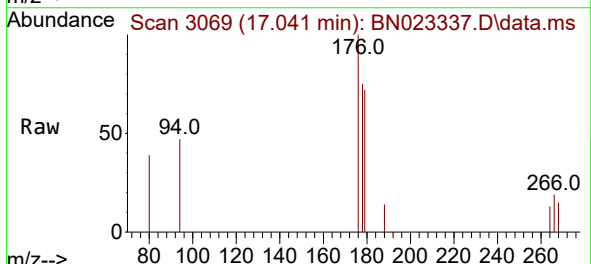
Instrument :
BNA_N
ClientSampleId :
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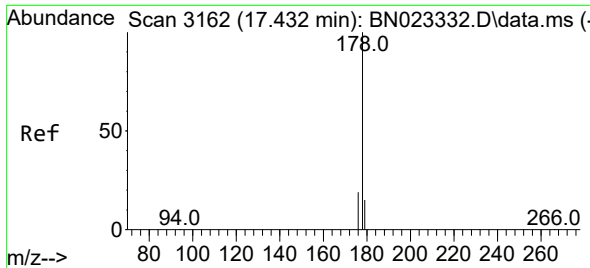
Tgt Ion:153 Resp: 1712
Ion Ratio Lower Upper
153 100
152 58.9 41.0 61.4
154 85.6 69.5 104.3



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.041 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:266 Resp: 266
Ion Ratio Lower Upper
266 100
264 60.2 49.8 74.6
268 68.8 51.4 77.0

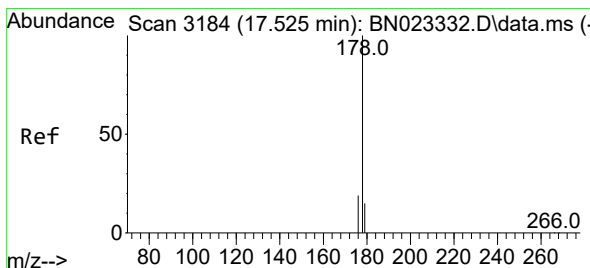
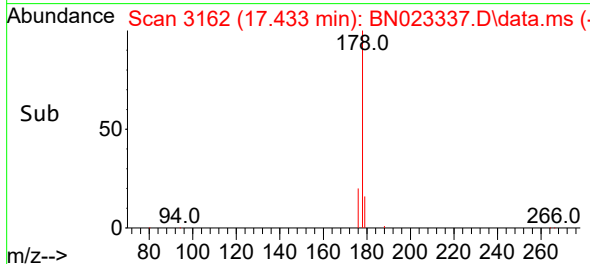
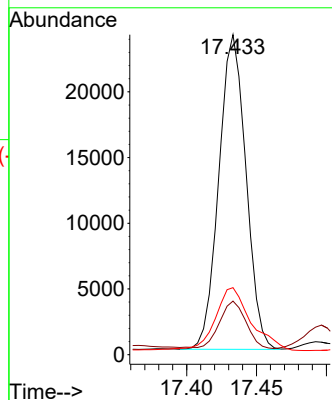
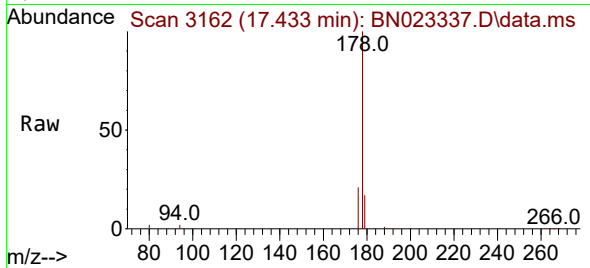




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

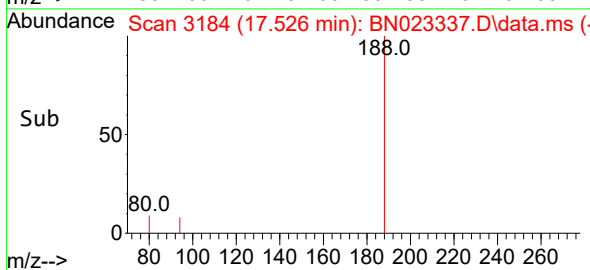
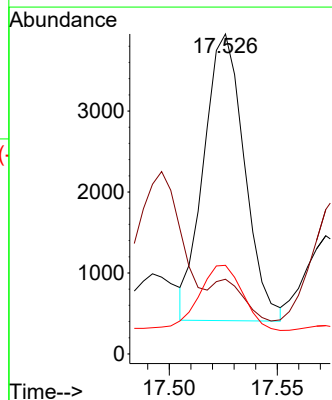
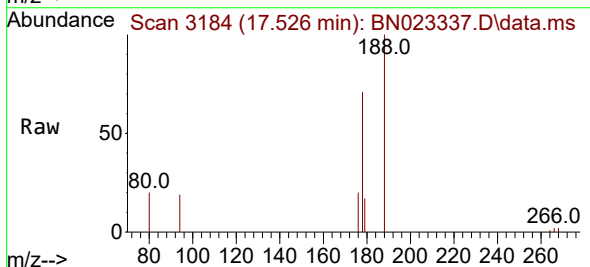
Instrument :
BNA_N
ClientSampleId :
DBXU9

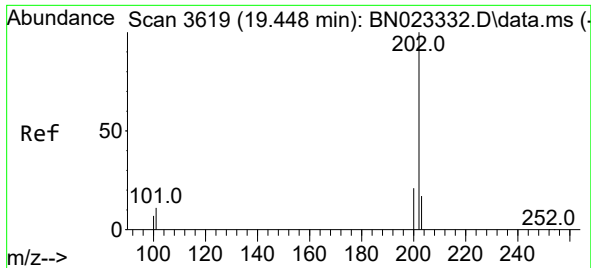
Tgt Ion:178 Resp: 32286
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 21.0 15.7 23.5



#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.526 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:178 Resp: 4637
Ion Ratio Lower Upper
178 100
179 23.3 12.6 18.8#
176 27.7 15.4 23.0#

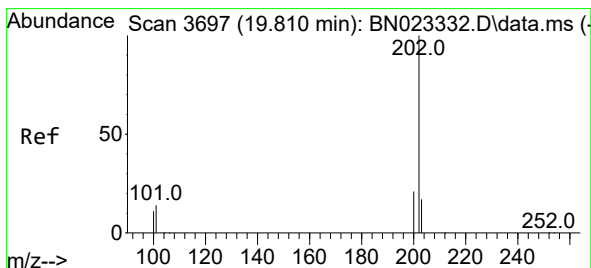
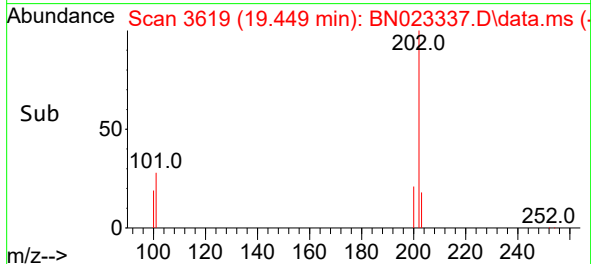
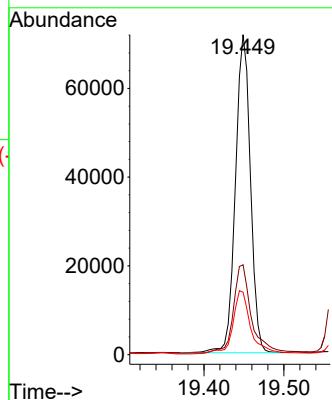
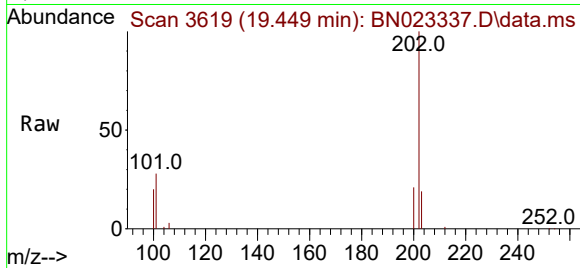




#19
Fluoranthene
Concen: 0.718 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

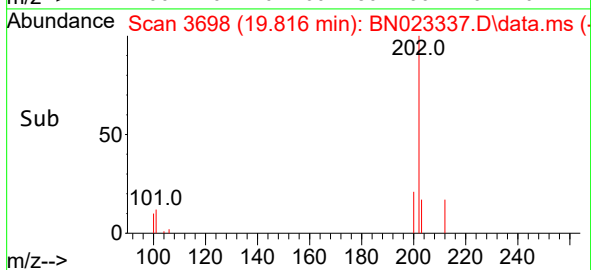
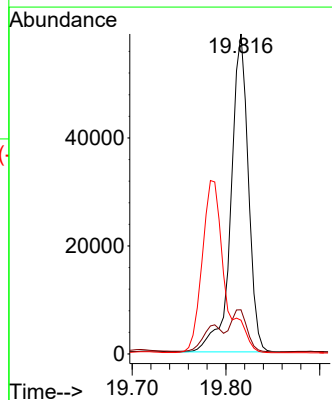
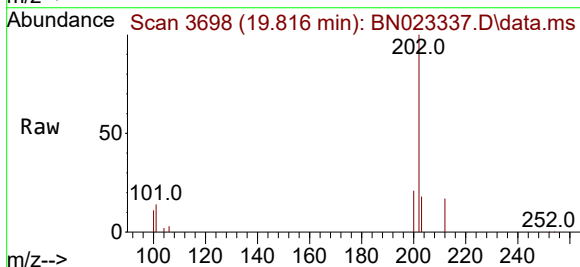
Instrument :
BNA_N
ClientSampleId :
DBXU9

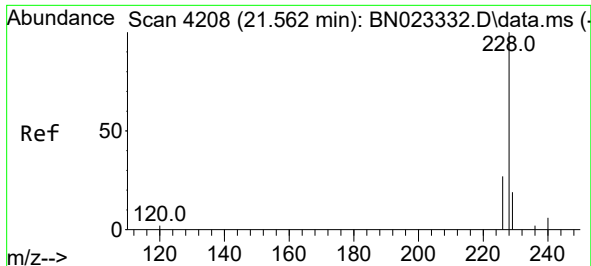
Tgt Ion:202 Resp: 93331
Ion Ratio Lower Upper
202 100
101 28.1 9.4 14.2#
100 19.5 7.0 10.6#



#20
Pyrene
Concen: 0.577 ng/ul
RT: 19.816 min Scan# 3698
Delta R.T. 0.005 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:202 Resp: 75681
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 10.5 9.0 13.4

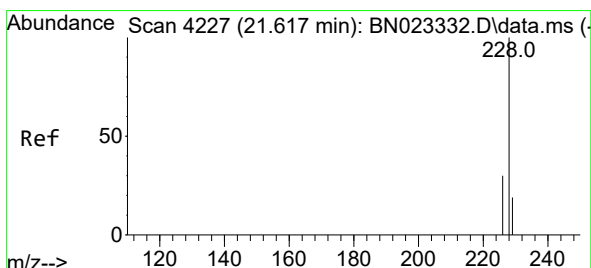
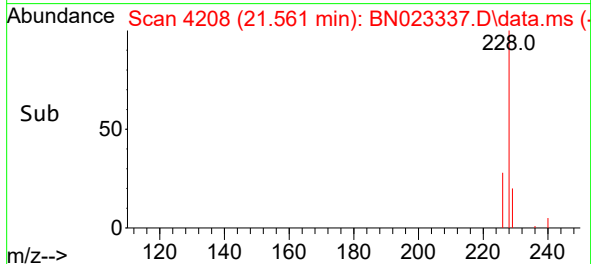
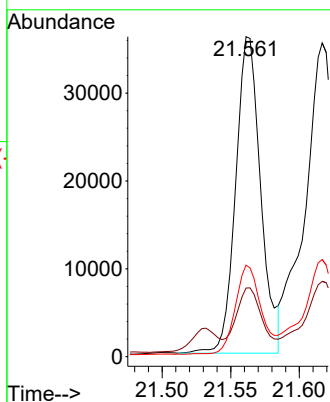
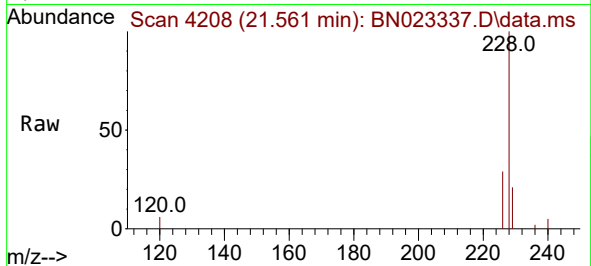




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

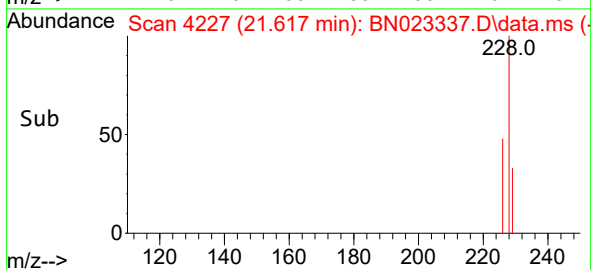
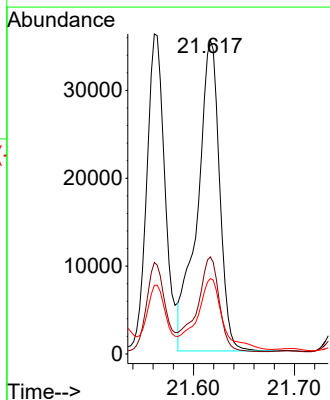
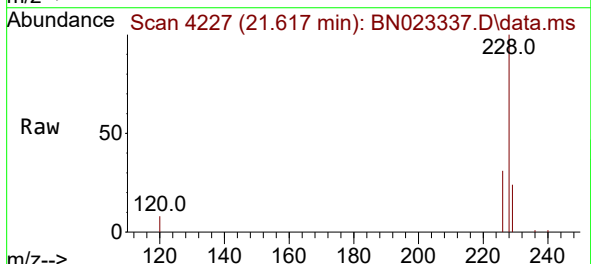
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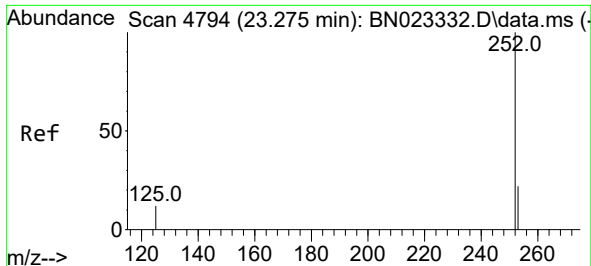
Tgt Ion:228 Resp: 45653
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 28.6 22.2 33.2



#22
Chrysene
Concen: 0.507 ng/ul
RT: 21.617 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

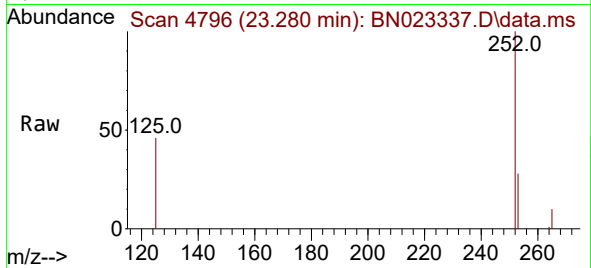
Tgt Ion:228 Resp: 53839
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 24.0 15.8 23.6#



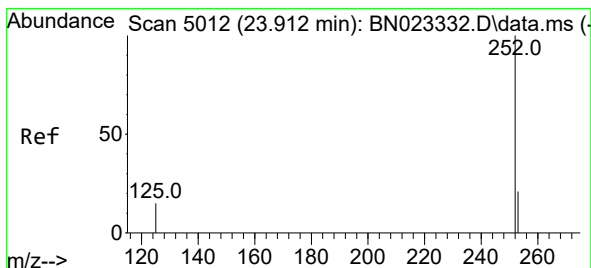
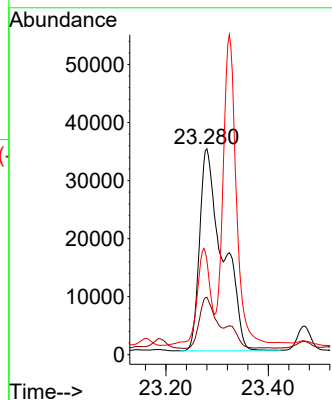


#24
Benzo(b)fluoranthene
Concen: 0.905 ng/ul
RT: 23.280 min Scan# 4796
Delta R.T. 0.006 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Instrument :
BNA_N
ClientSampleId :
DBXU9

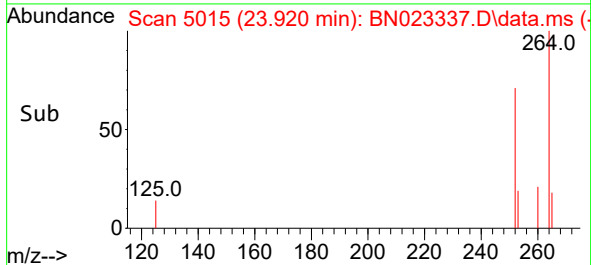
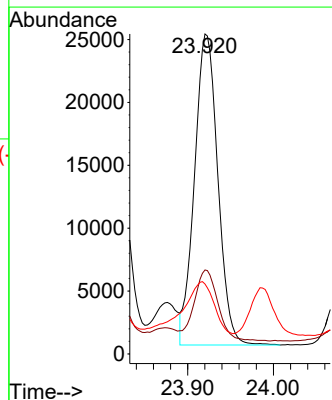
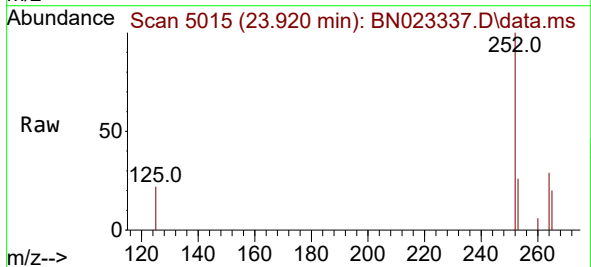


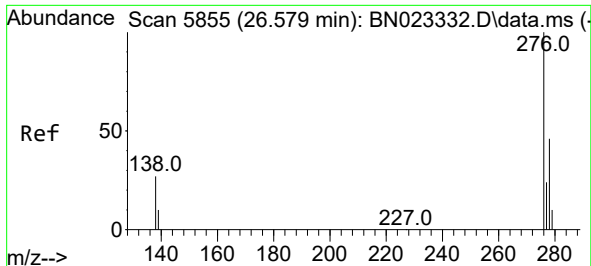
Tgt Ion:252 Resp: 108851
Ion Ratio Lower Upper
252 100
253 27.9 0.0 49.2
125 45.8 0.0 31.8#



#26
Benzo(a)pyrene
Concen: 0.491 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.006 min
Lab File: BN023337.D
Acq: 22 Dec 2022 13:46

Tgt Ion:252 Resp: 46751
Ion Ratio Lower Upper
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253 26.3 21.4 32.2
125 21.9 16.2 24.4

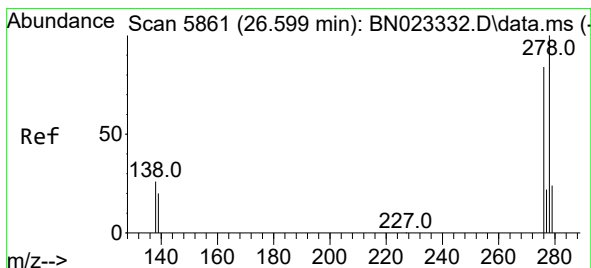
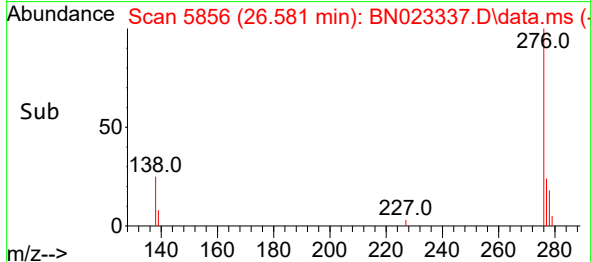
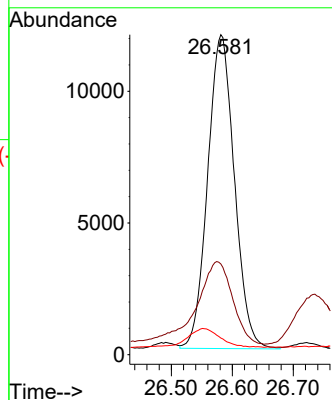
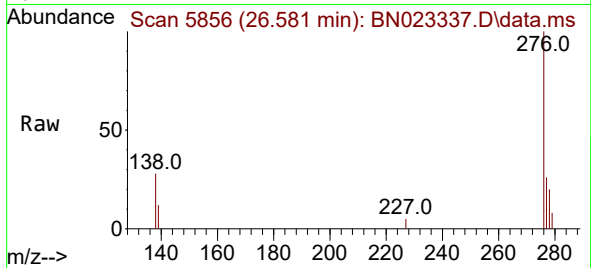




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.326 ng/ul
 RT: 26.581 min Scan# 5855
 Delta R.T. 0.003 min
 Lab File: BN023337.D
 Acq: 22 Dec 2022 13:46

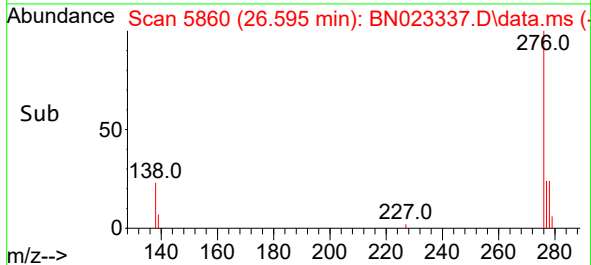
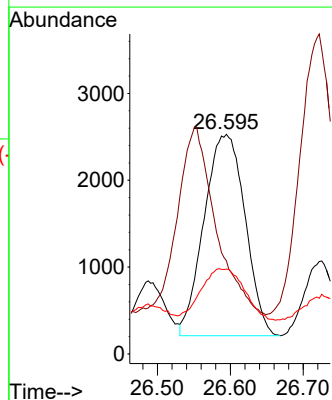
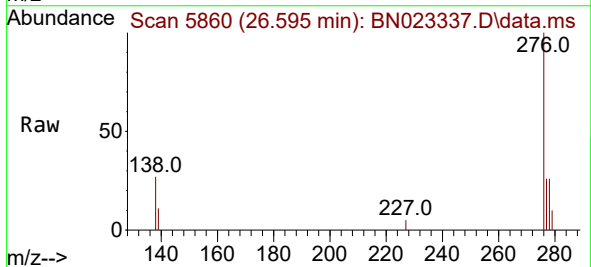
Instrument :
 BNA_N
 ClientSampleId :
 DBXU9

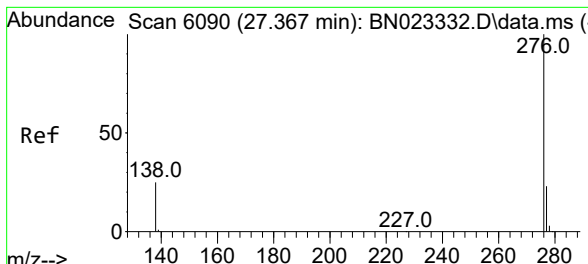
Tgt Ion:276 Resp: 36267
 Ion Ratio Lower Upper
 276 100
 138 36.5 23.4 35.2#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.105 ng/ul
 RT: 26.595 min Scan# 5860
 Delta R.T. -0.007 min
 Lab File: BN023337.D
 Acq: 22 Dec 2022 13:46

Tgt Ion:278 Resp: 9064
 Ion Ratio Lower Upper
 278 100
 139 42.4 16.6 24.8#
 279 38.6 21.3 31.9#





#29

Benzo(g,h,i)perylene

Concen: 0.351 ng/ul

RT: 27.376 min Scan# 6093

Delta R.T. 0.007 min

Lab File: BN023337.D

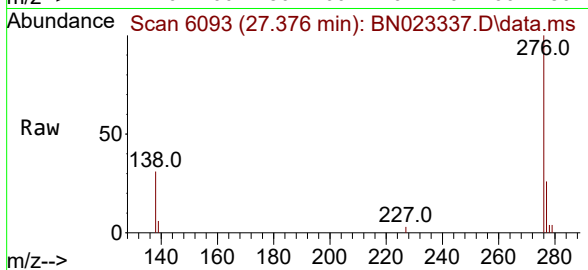
Acq: 22 Dec 2022 13:46

Instrument :

BNA_N

ClientSampleId :

DBXU9



Tgt Ion:276 Resp: 31813

Ion Ratio Lower Upper

276 100

138 30.8 20.3 30.5#

277 25.7 19.7 29.5

