

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023332.D
 Acq On : 22 Dec 2022 10:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 22 23:52:30 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

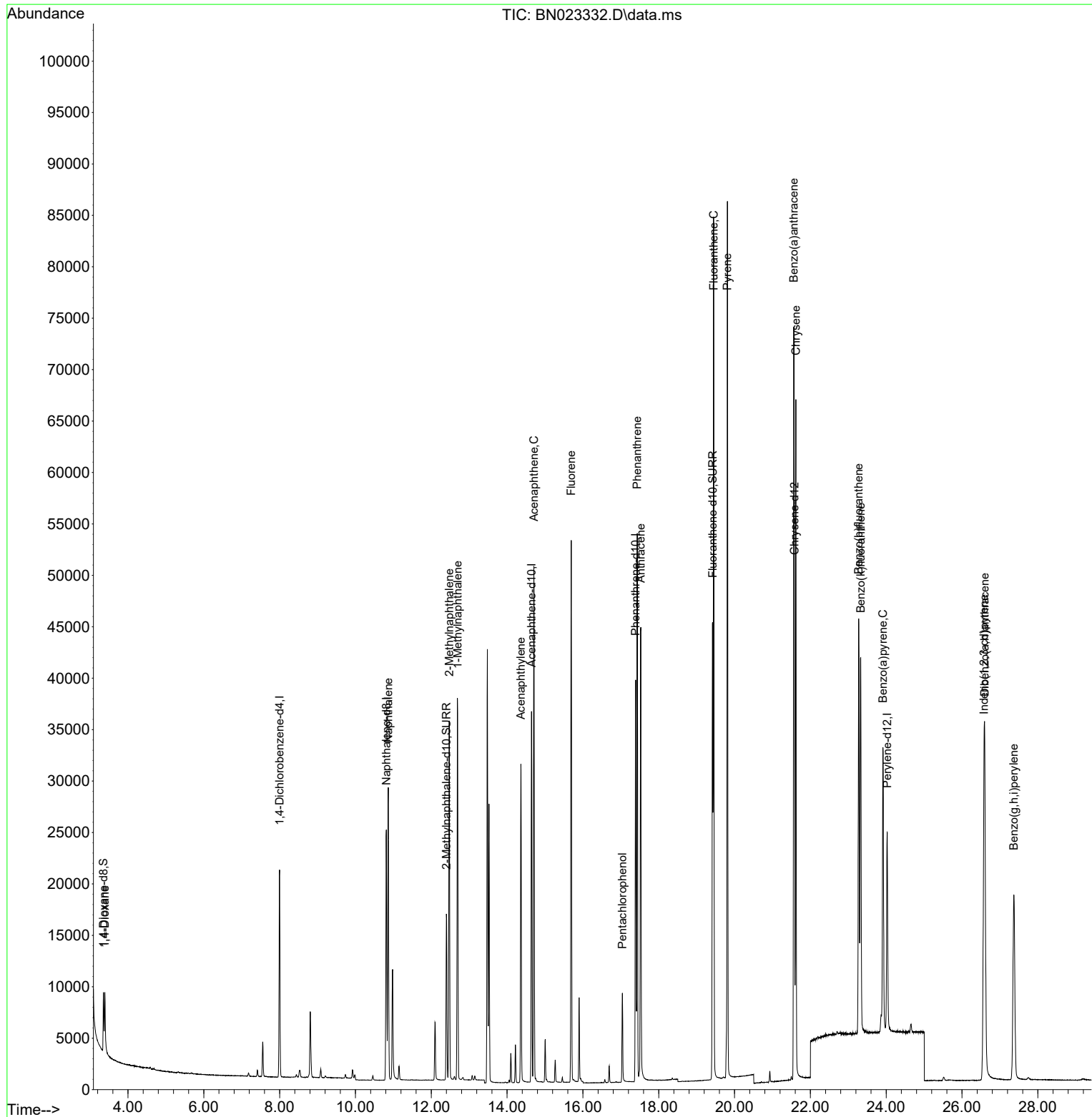
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	10124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	32603	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	19063	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	43373	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	33666	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	27172	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.353	96	4229	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	20423	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	48227	0.396	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.391	88	4061	0.361	ng/ul#	80
5) Naphthalene	10.865	128	37691	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	24481	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	25270	0.401	ng/ul	100
10) Acenaphthylene	14.363	152	35129	0.416	ng/ul	99
11) Acenaphthene	14.705	153	28148	0.395	ng/ul	99
12) Fluorene	15.691	166	32045	0.400	ng/ul	100
14) Pentachlorophenol	17.040	266	5563	0.462	ng/ul	100
15) Phenanthrene	17.432	178	54653	0.387	ng/ul	99
16) Anthracene	17.525	178	47944	0.409	ng/ul	99
19) Fluoranthene	19.448	202	66278	0.406	ng/ul	99
20) Pyrene	19.810	202	67774	0.412	ng/ul	100
21) Benzo(a)anthracene	21.562	228	57903	0.442	ng/ul	100
22) Chrysene	21.617	228	56870	0.427	ng/ul	100
24) Benzo(b)fluoranthene	23.275	252	53360	0.380	ng/ul	98
25) Benzo(k)fluoranthene	23.327	252	50285	0.381	ng/ul	97
26) Benzo(a)pyrene	23.912	252	43130	0.388	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.579	276	49843	0.384	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.599	278	38863	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	27.367	276	41171	0.389	ng/ul	99

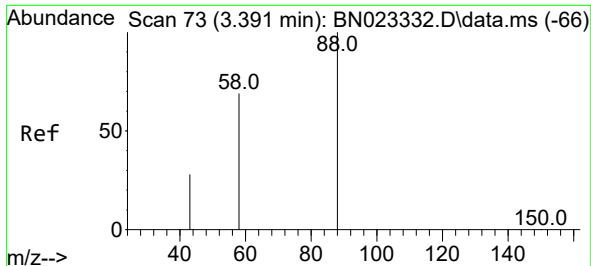
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:52:30 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 : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

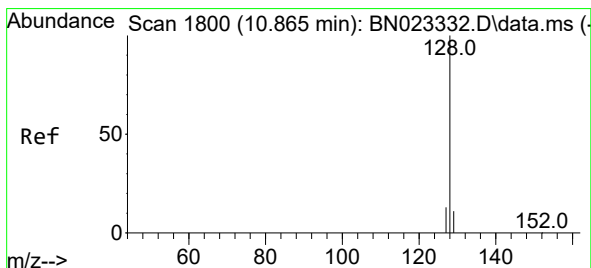
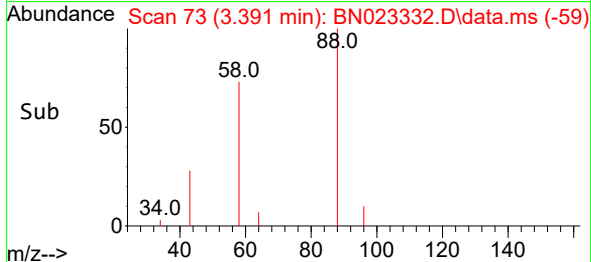
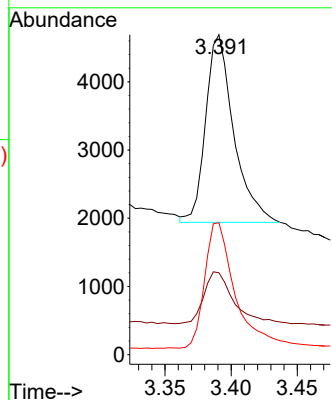
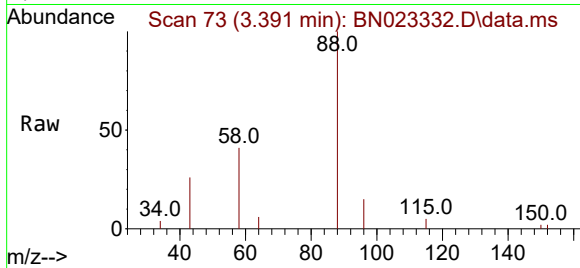




#2
1,4-Dioxane
Concen: 0.361 ng/ul
RT: 3.391 min Scan# 73
Delta R.T. 0.008 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

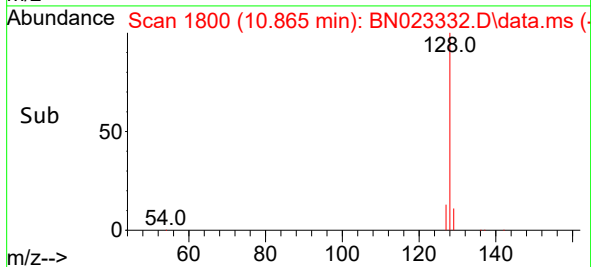
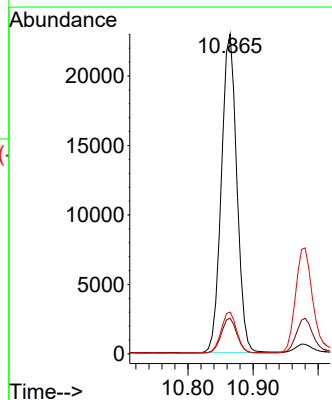
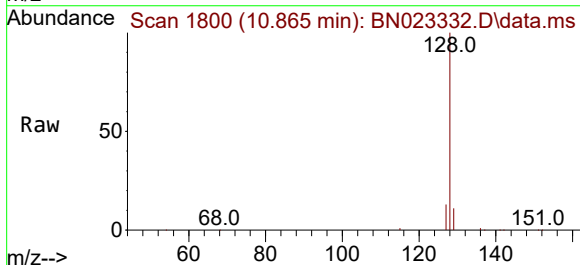
Instrument :
BNA_N
ClientSampleId :

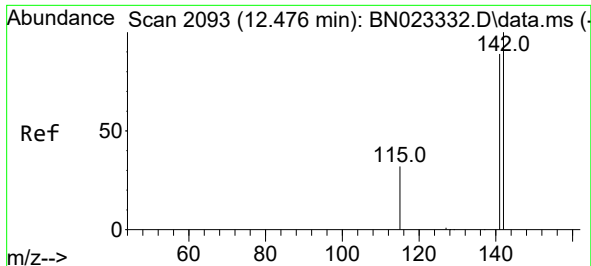
Tgt Ion: 88 Resp: 4061
Ion Ratio Lower Upper
88 100
43 25.6 28.4 42.6#
58 41.3 45.6 68.4#



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

Tgt Ion: 128 Resp: 37691
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.7 16.1

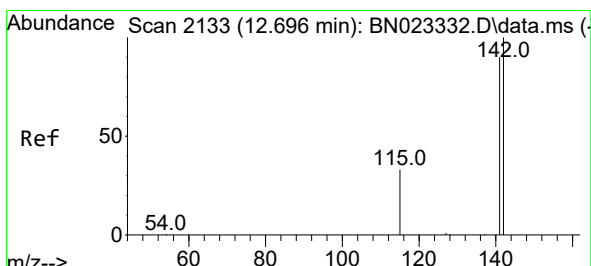
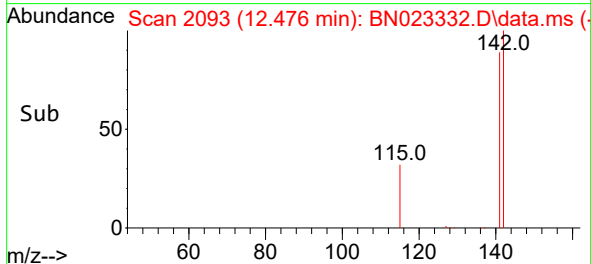
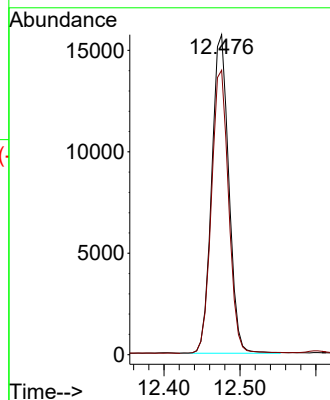
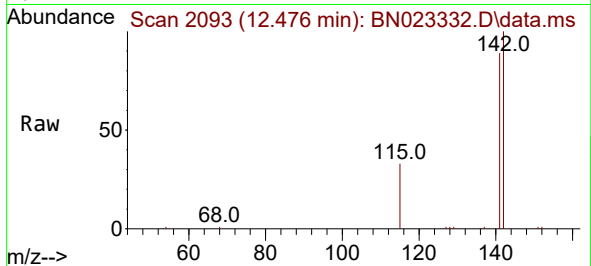




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

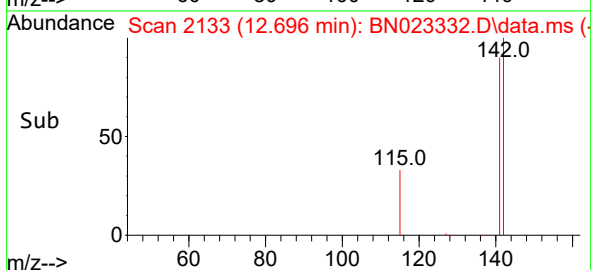
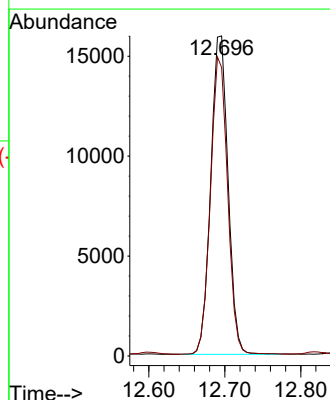
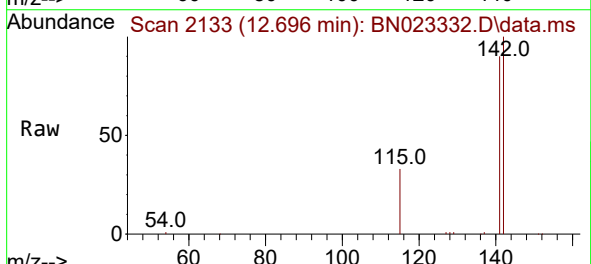
Instrument :
BNA_N
ClientSampleId :

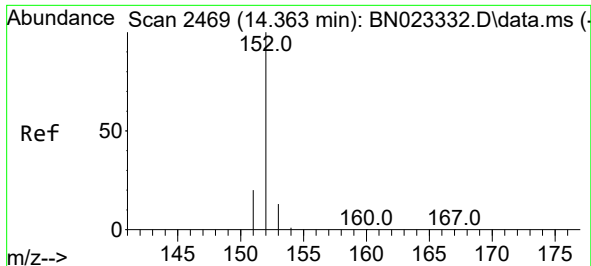
Tgt Ion:142 Resp: 24481
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

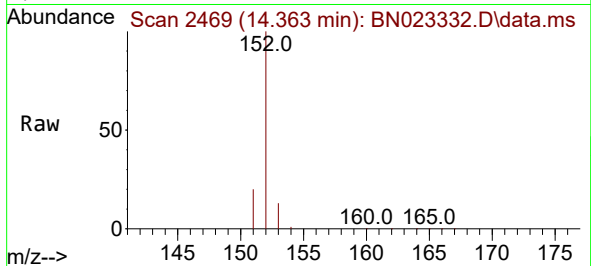
Tgt Ion:142 Resp: 25270
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0



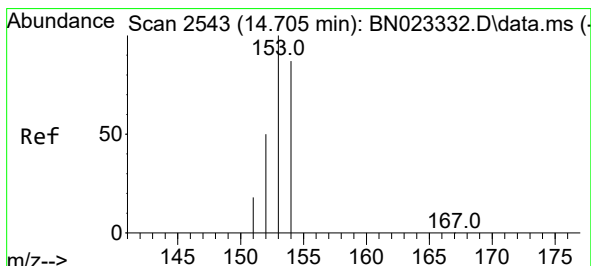
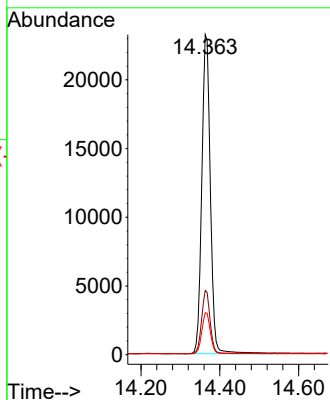
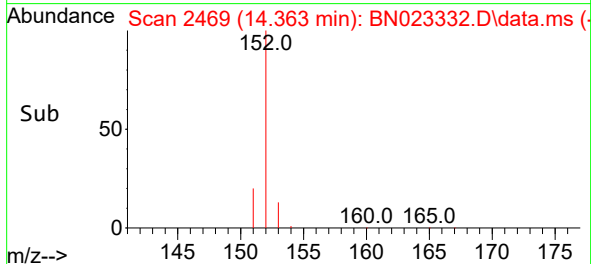


#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

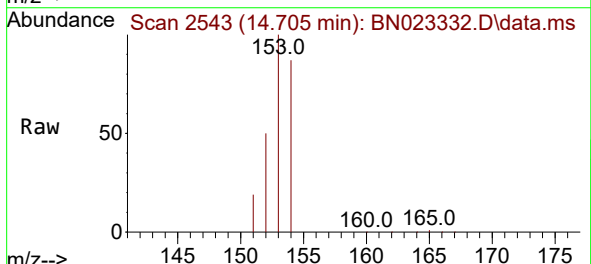
Instrument :
BNA_N
ClientSampleId :



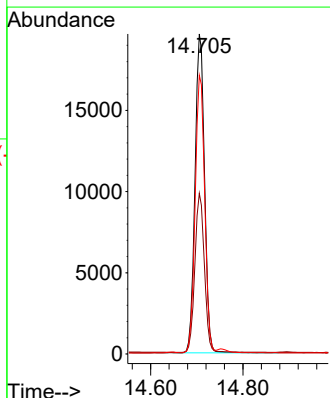
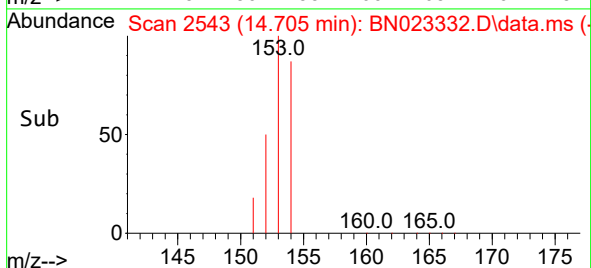
Tgt Ion:152 Resp: 35129
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.9 16.3

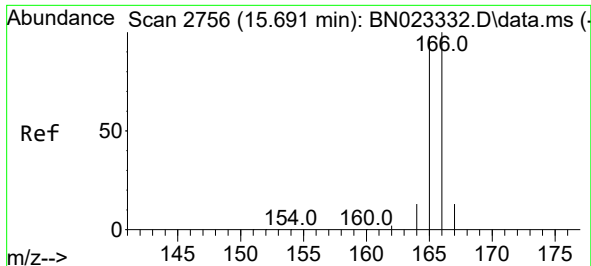


#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41



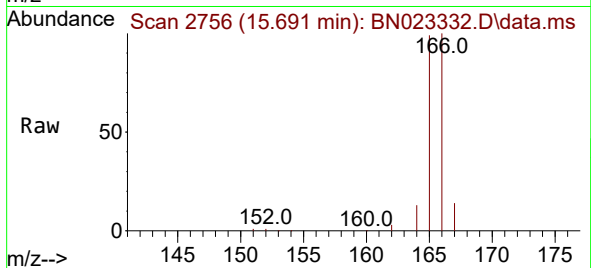
Tgt Ion:153 Resp: 28148
Ion Ratio Lower Upper
153 100
152 50.2 41.0 61.4
154 87.1 69.5 104.3



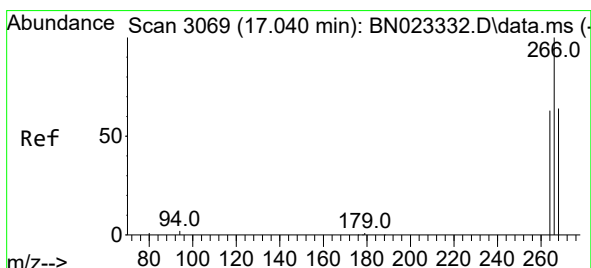
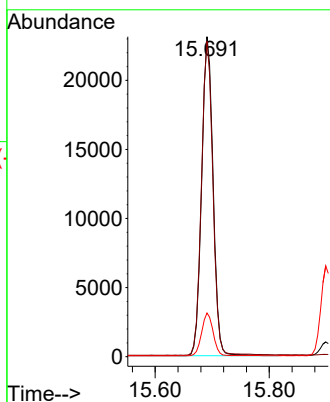
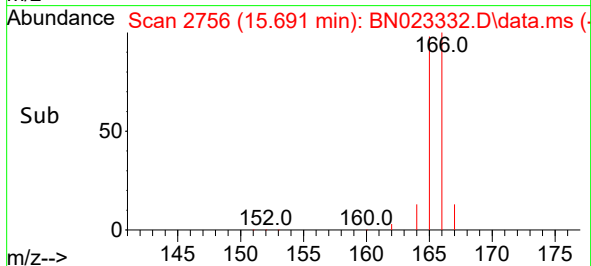


#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

Instrument :
BNA_N
ClientSampleId :

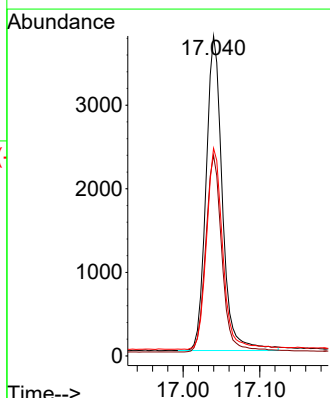
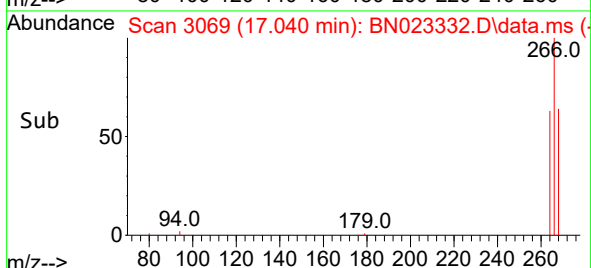
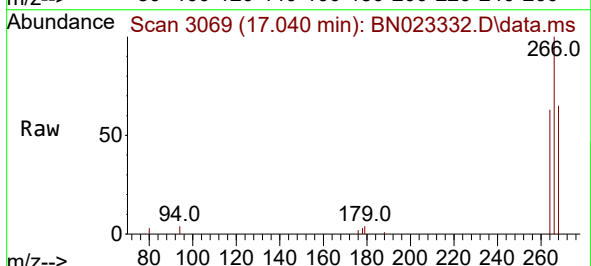


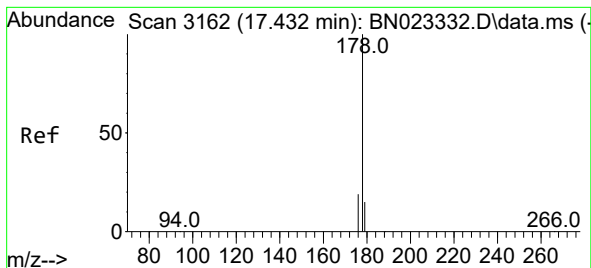
Tgt Ion:166 Resp: 32045
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 0.462 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

Tgt Ion:266 Resp: 5563
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.6
268 63.9 51.4 77.0





#15

Phenanthrene

Concen: 0.387 ng/ul

RT: 17.432 min Scan# 3162

Delta R.T. -0.001 min

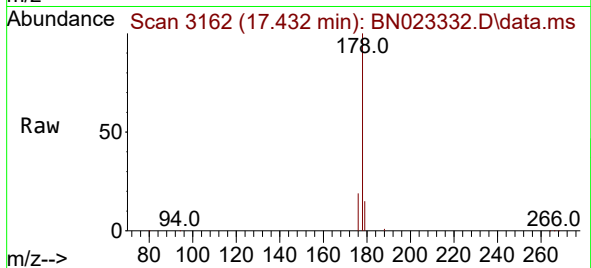
Lab File: BN023332.D

Acq: 22 Dec 2022 10:41

Instrument :

BNA_N

ClientSampleId :



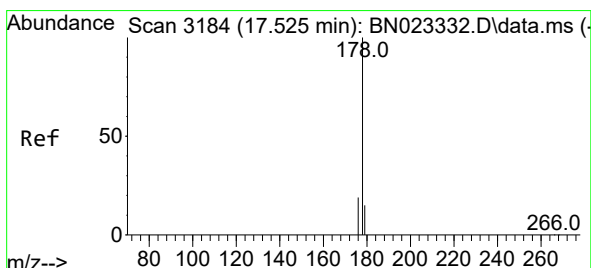
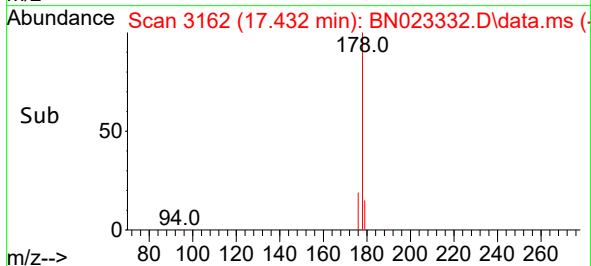
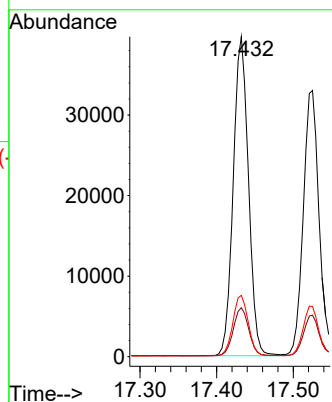
Tgt Ion:178 Resp: 54653

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.2 15.7 23.5



#16

Anthracene

Concen: 0.409 ng/ul

RT: 17.525 min Scan# 3184

Delta R.T. -0.001 min

Lab File: BN023332.D

Acq: 22 Dec 2022 10:41

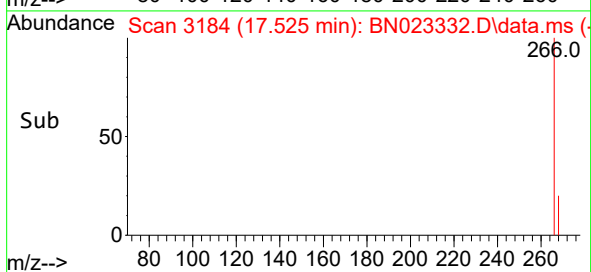
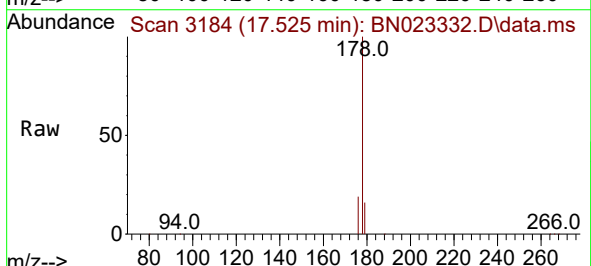
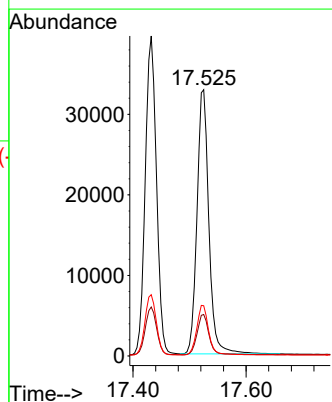
Tgt Ion:178 Resp: 47944

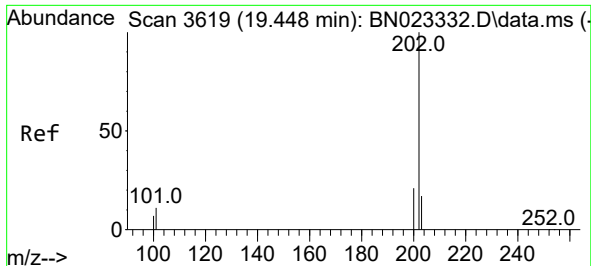
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

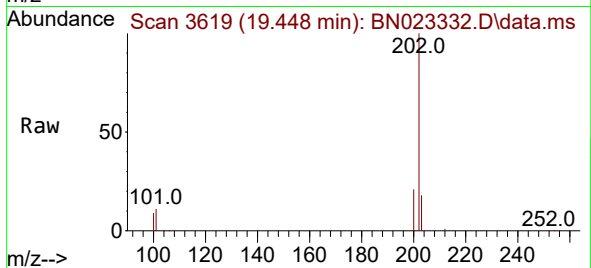
176 18.9 15.4 23.0



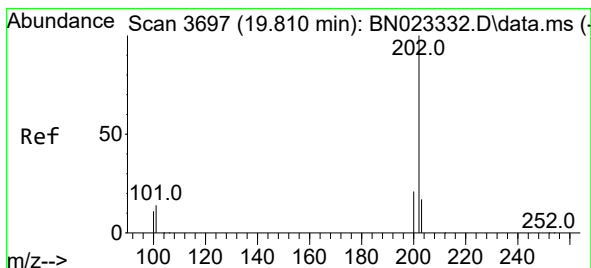
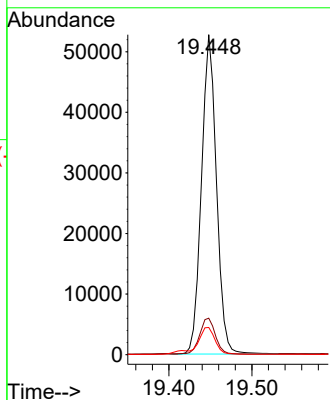
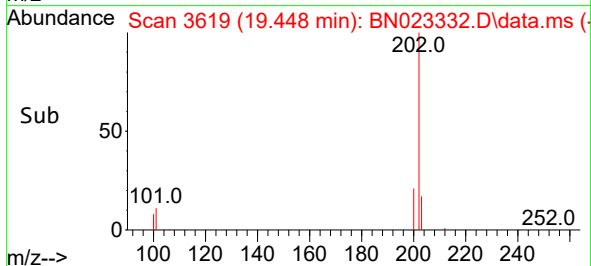


#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

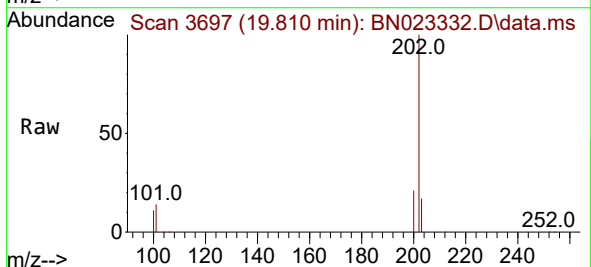
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BNA_N
ClientSampleId :



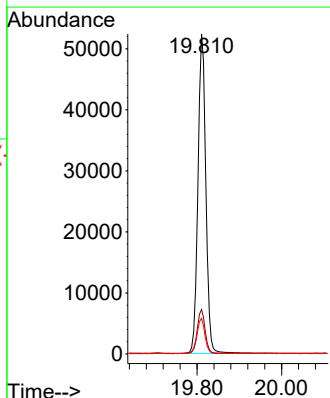
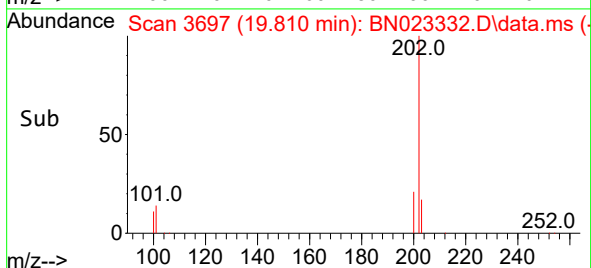
Tgt Ion:202 Resp: 66278
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 8.5 7.0 10.6

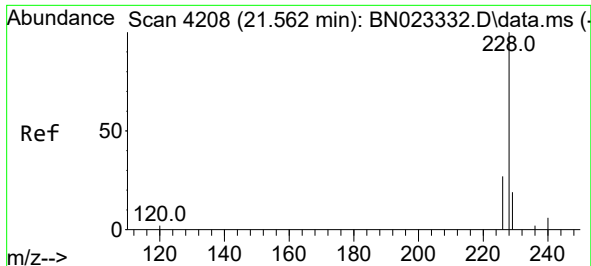


#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41



Tgt Ion:202 Resp: 67774
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.1 9.0 13.4

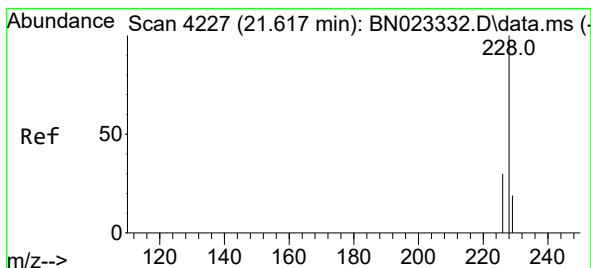
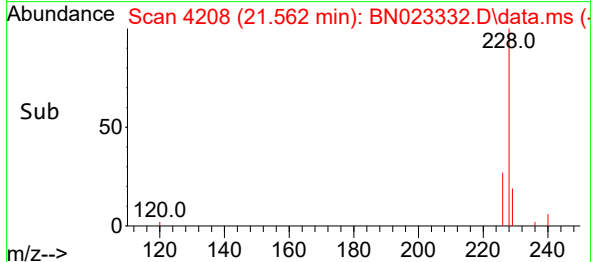
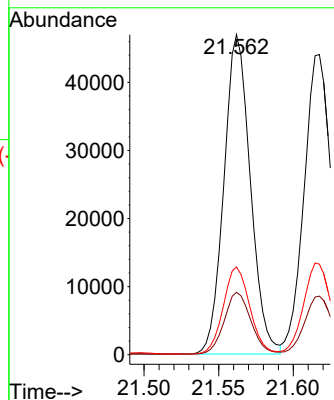
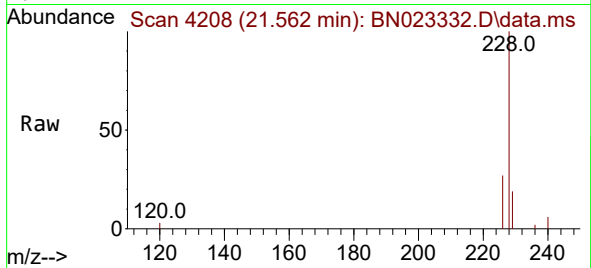




#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.562 min Scan# 4208
Delta R.T. 0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

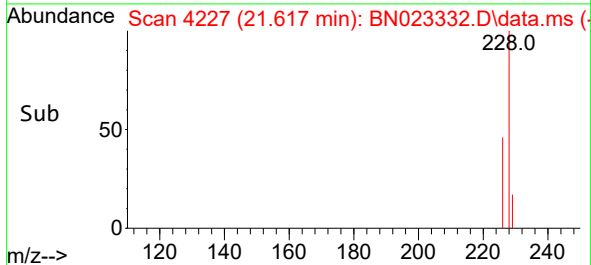
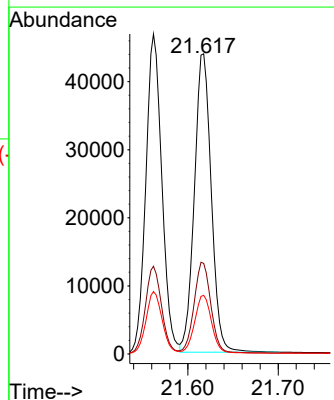
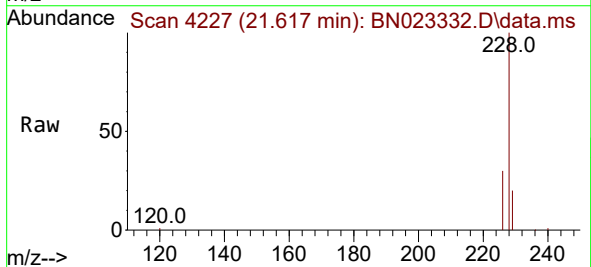
Instrument :
BNA_N
ClientSampleId :

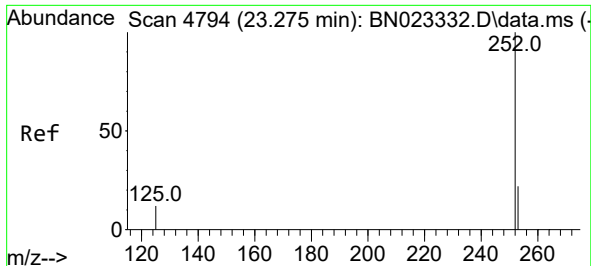
Tgt Ion:228 Resp: 57903
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.617 min Scan# 4227
Delta R.T. 0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

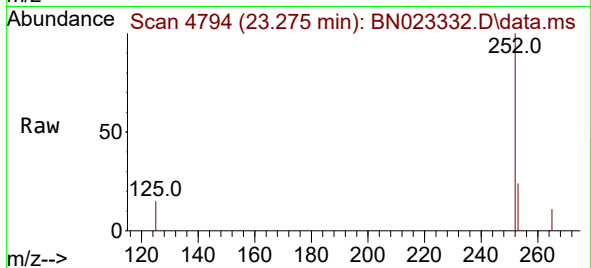
Tgt Ion:228 Resp: 56870
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.5 15.8 23.6



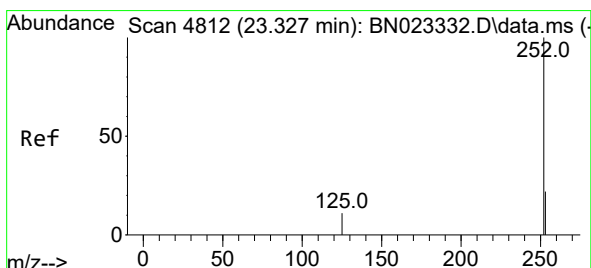
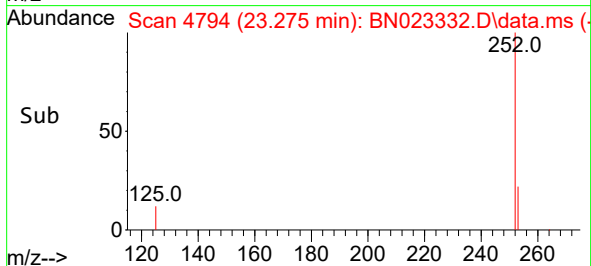
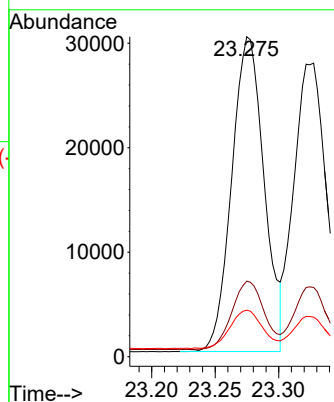


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.275 min Scan# 4794
Delta R.T. 0.001 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

Instrument :
BNA_N
ClientSampleId :

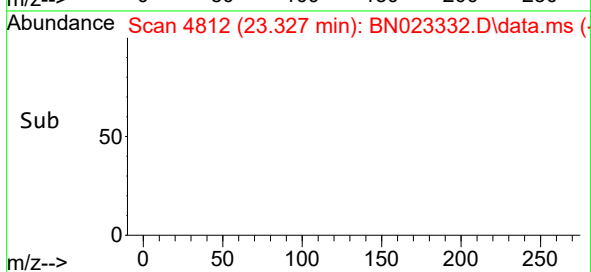
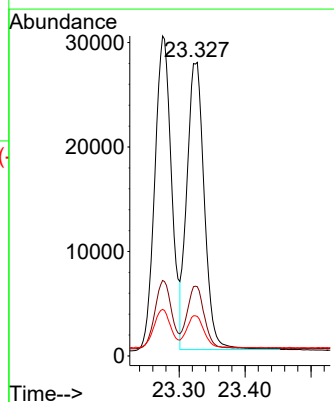
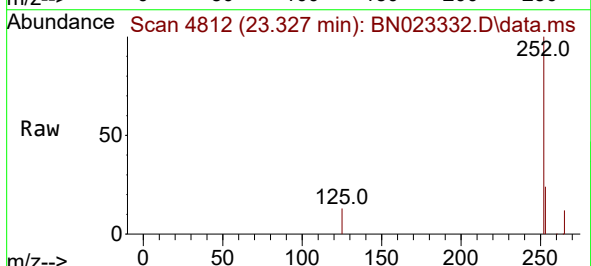


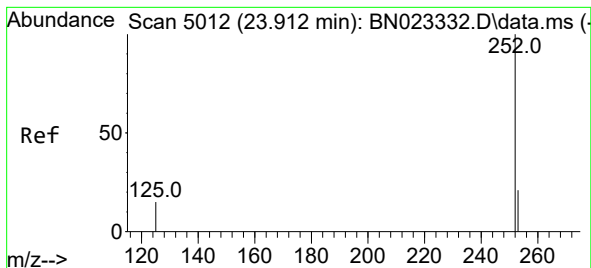
Tgt Ion:252 Resp: 53360
Ion Ratio Lower Upper
252 100
253 23.6 0.0 49.2
125 14.6 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.327 min Scan# 4812
Delta R.T. 0.004 min
Lab File: BN023332.D
Acq: 22 Dec 2022 10:41

Tgt Ion:252 Resp: 50285
Ion Ratio Lower Upper
252 100
253 23.6 19.8 29.6
125 13.4 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 23.912 min Scan# 5012

Delta R.T. -0.002 min

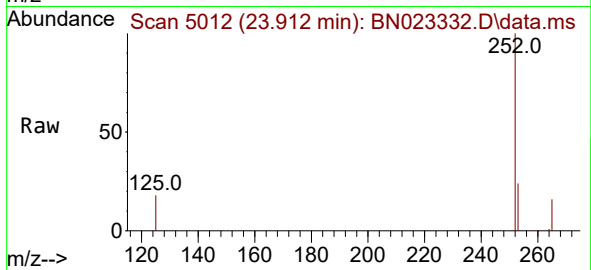
Lab File: BN023332.D

Acq: 22 Dec 2022 10:41

Instrument :

BNA_N

ClientSampleId :



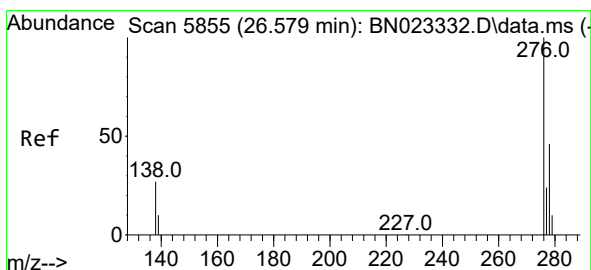
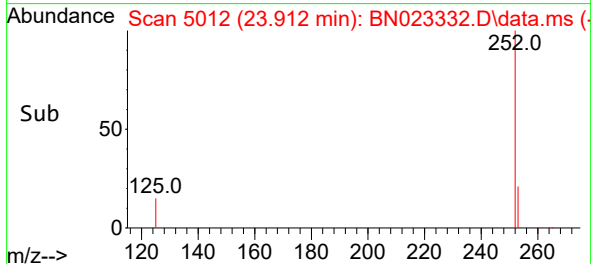
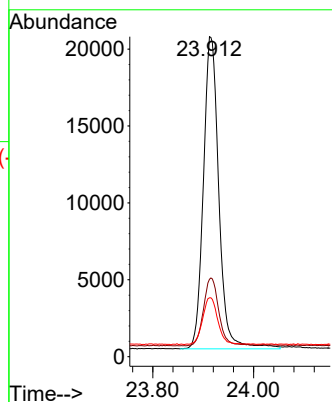
Tgt Ion:252 Resp: 43130

Ion Ratio Lower Upper

252 100

253 24.2 21.4 32.2

125 18.4 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 26.579 min Scan# 5855

Delta R.T. 0.001 min

Lab File: BN023332.D

Acq: 22 Dec 2022 10:41

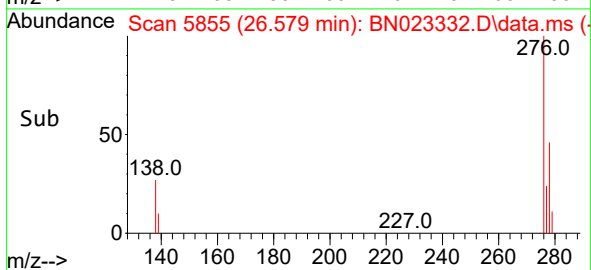
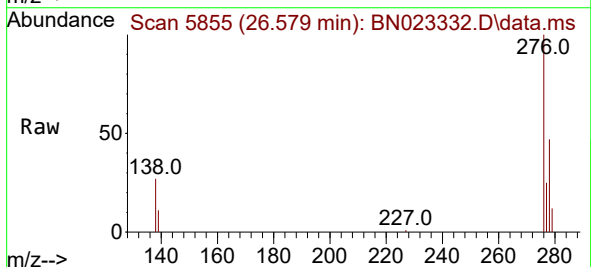
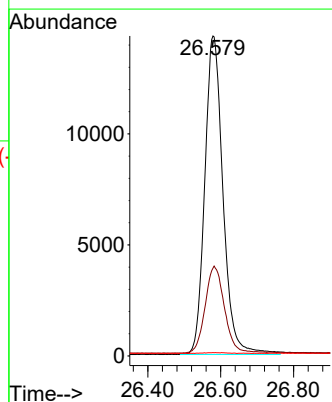
Tgt Ion:276 Resp: 49843

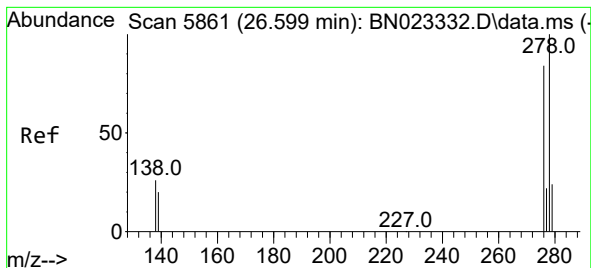
Ion Ratio Lower Upper

276 100

138 29.1 23.4 35.2

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.386 ng/ul

RT: 26.599 min Scan# 5861

Delta R.T. -0.003 min

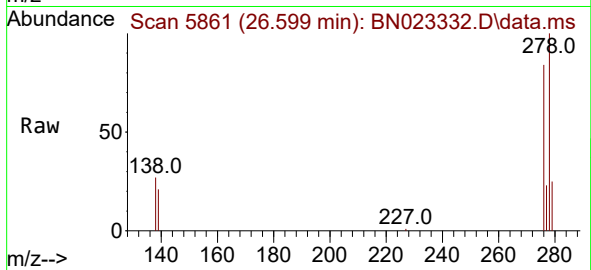
Lab File: BN023332.D

Acq: 22 Dec 2022 10:41

Instrument :

BNA_N

ClientSampleId :



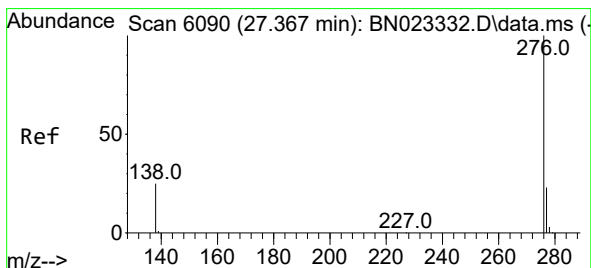
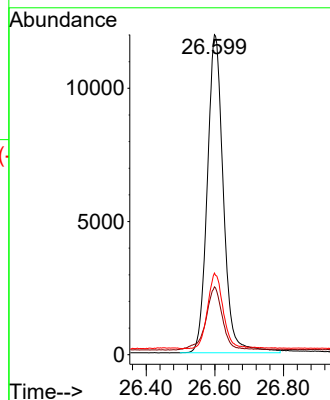
Tgt Ion:278 Resp: 38863

Ion Ratio Lower Upper

278 100

139 21.2 16.6 24.8

279 25.5 21.3 31.9



#29

Benzo(g,h,i)perylene

Concen: 0.389 ng/ul

RT: 27.367 min Scan# 6090

Delta R.T. -0.003 min

Lab File: BN023332.D

Acq: 22 Dec 2022 10:41

Tgt Ion:276 Resp: 41171

Ion Ratio Lower Upper

276 100

138 25.7 20.3 30.5

277 24.0 19.7 29.5

