

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022882.D
 Acq On : 26 Nov 2022 15:38
 Operator : CG/JU
 Sample : N5568-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3D63

Quant Time: Nov 28 03:48:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

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

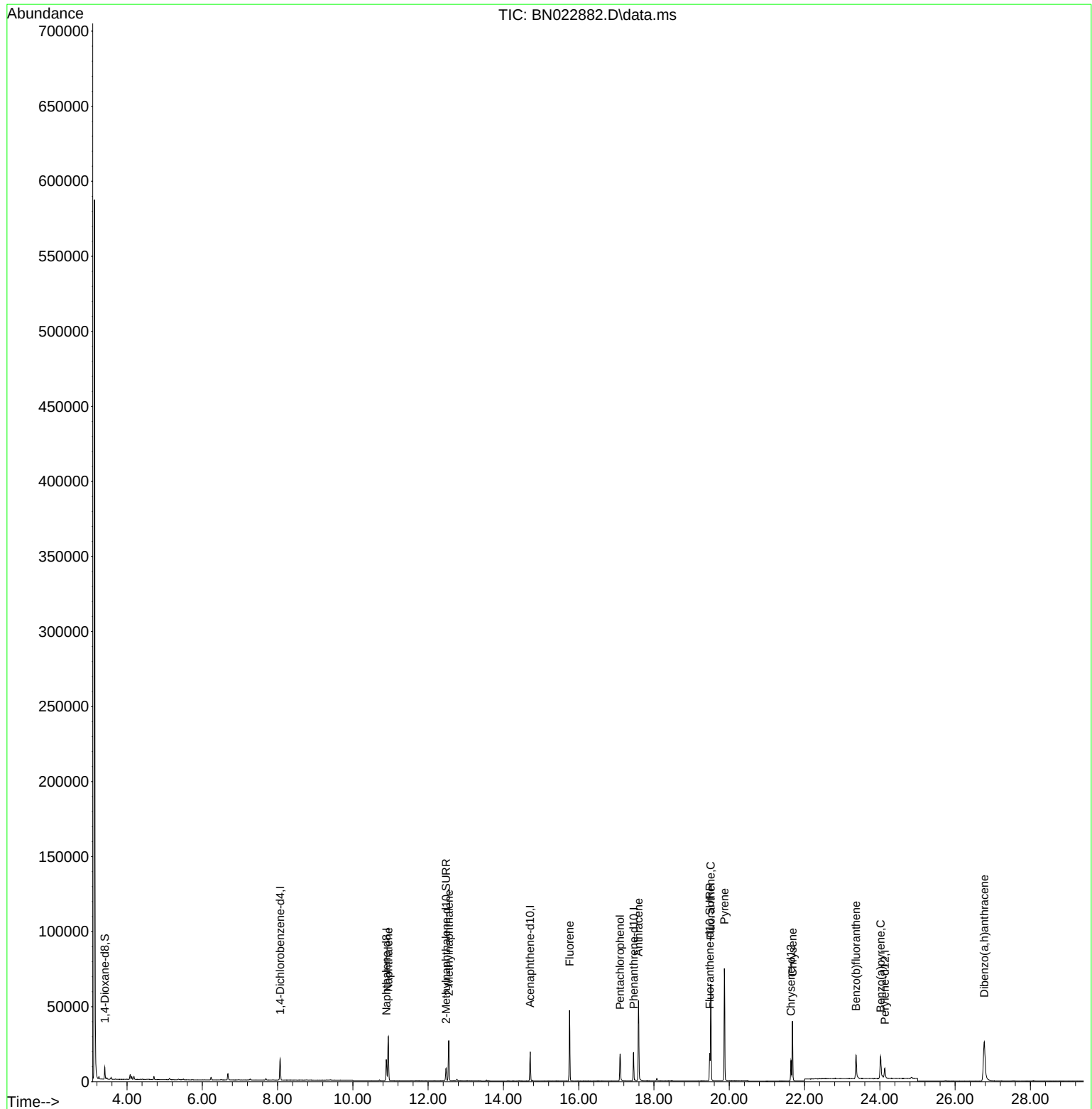
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	6958	0.400	ng/u1	0.00
4) Naphthalene-d8	10.892	136	18714	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.710	164	9880	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.458	188	21470	0.400	ng/u1	0.00
17) Chrysene-d12	21.639	240	12176	0.400	ng/u1	0.00
23) Perylene-d12	24.133	264	9791	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	4927	0.590	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.476	152	10311	0.362	ng/u1	0.00
18) Fluoranthene-d10	19.481	212	18682	0.415	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.942	128	39229	0.691	ng/u1	100
7) 2-Methylnaphthalene	12.548	142	17694	0.498	ng/u1	100
12) Fluorene	15.756	166	28617	0.655	ng/u1	99
14) Pentachlorophenol	17.099	266	11853	2.640	ng/u1#	100
16) Anthracene	17.589	178	58321	0.922	ng/u1	100
19) Fluoranthene	19.509	202	53847	0.856	ng/u1	99
20) Pyrene	19.871	202	59400	0.964	ng/u1	99
22) Chrysene	21.677	228	33207	0.651	ng/u1	99
24) Benzo(b)fluoranthene	23.367	252	24069	0.485	ng/u1	99
26) Benzo(a)pyrene	24.019	252	26114	0.691	ng/u1	98
28) Dibenzo(a,h)anthracene	26.775	278	49688	1.393	ng/u1	97

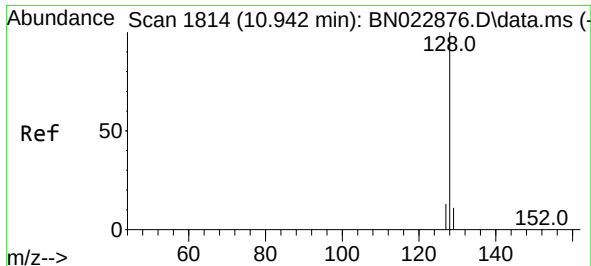
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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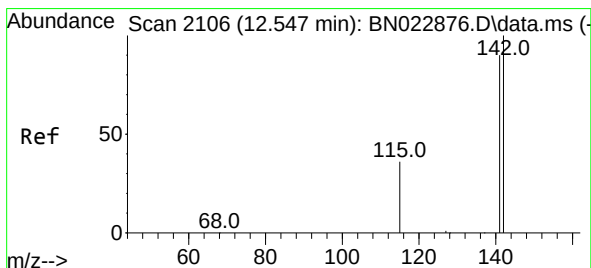
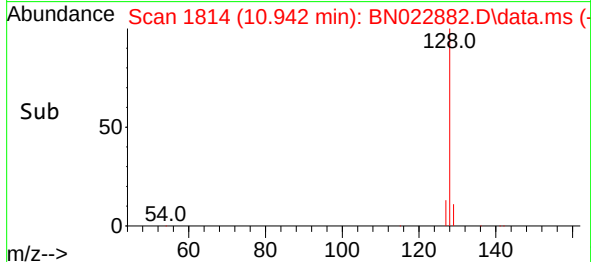
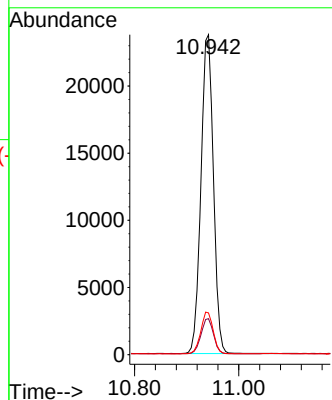
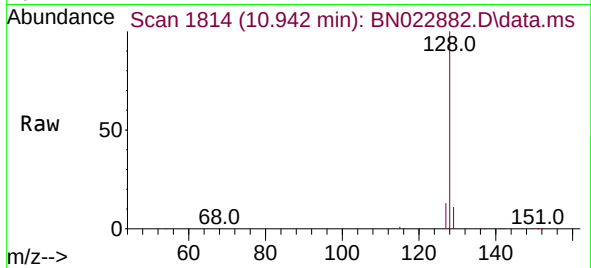




#5
Naphthalene
Concen: 0.691 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

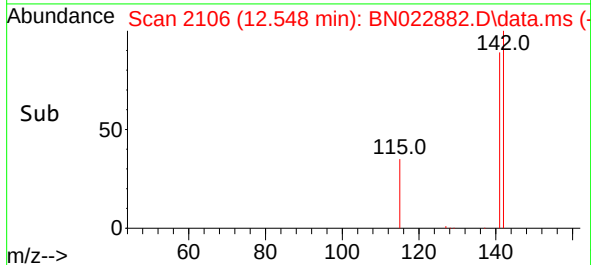
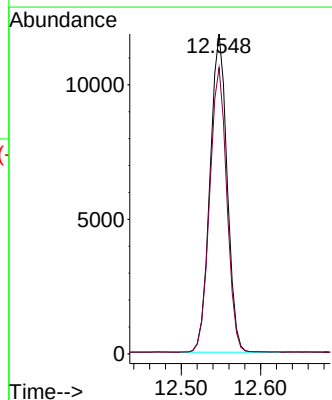
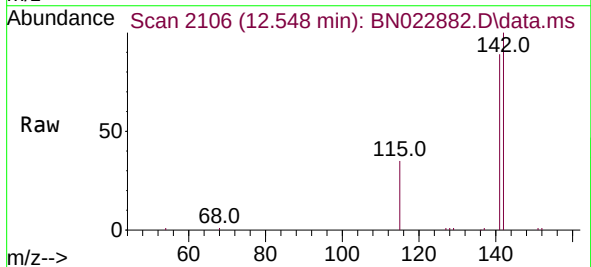
Instrument :
BNA_N
ClientSampleId :
X3D63

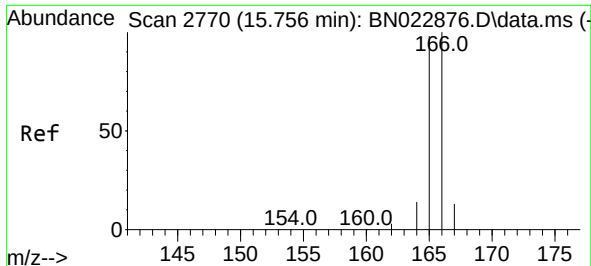
Tgt Ion:128 Resp: 39229
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.0 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.498 ng/ul
RT: 12.548 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:142 Resp: 17694
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4

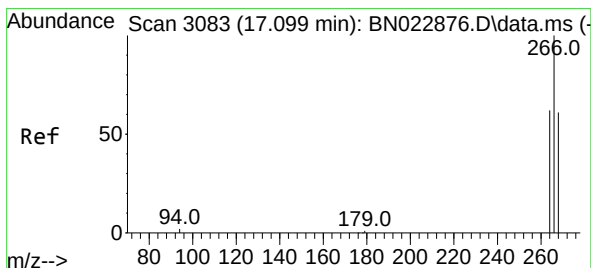
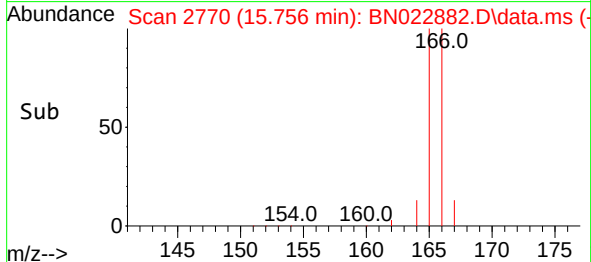
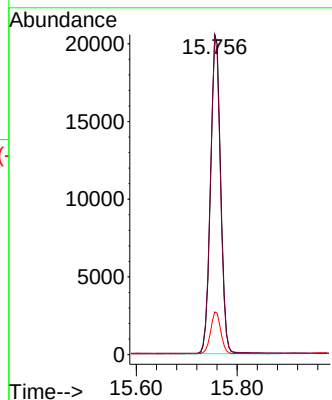
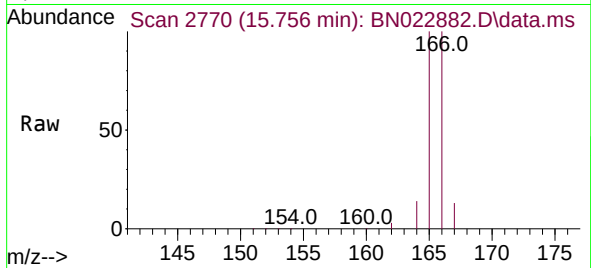




#12
Fluorene
Concen: 0.655 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

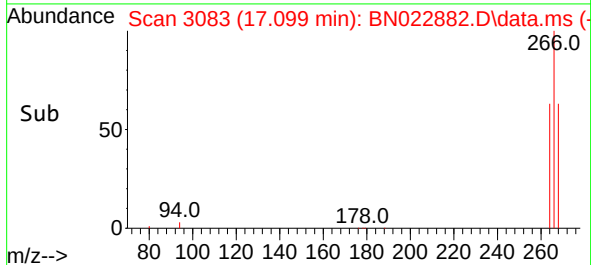
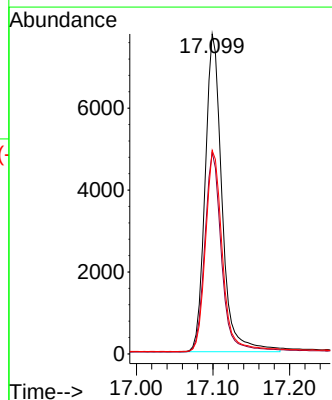
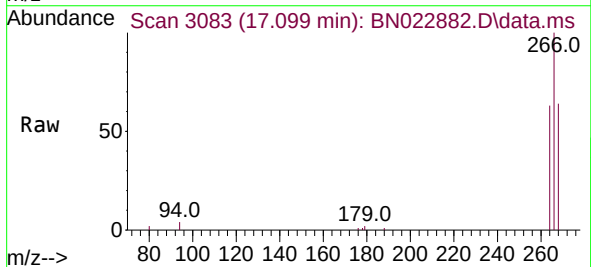
Instrument :
BNA_N
ClientSampleId :
X3D63

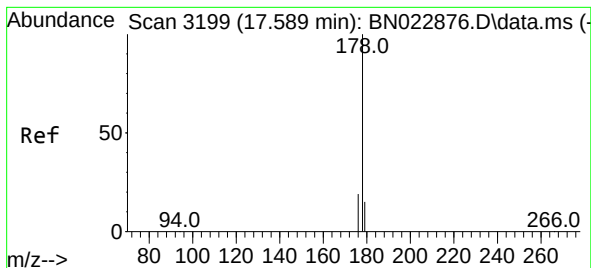
Tgt Ion:166 Resp: 28617
Ion Ratio Lower Upper
166 100
165 99.9 78.7 118.1
167 13.3 10.8 16.2



#14
Pentachlorophenol
Concen: 2.640 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:266 Resp: 11853
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.8 0.0 0.0#





#16

Anthracene

Concen: 0.922 ng/ul

RT: 17.589 min Scan# 3199

Delta R.T. 0.000 min

Lab File: BN022882.D

Acq: 26 Nov 2022 15:38

Instrument :

BNA_N

ClientSampleId :

X3D63

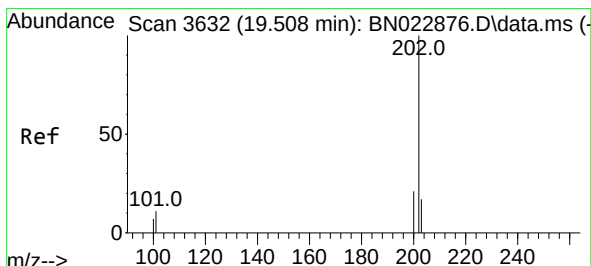
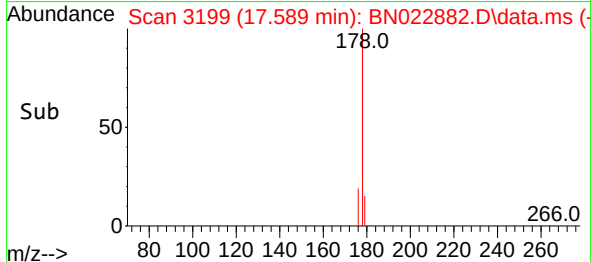
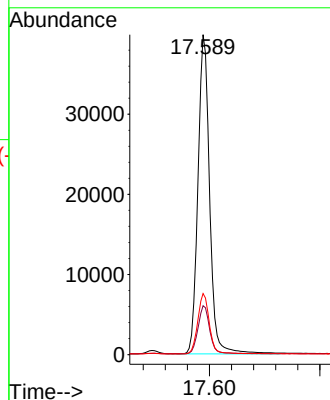
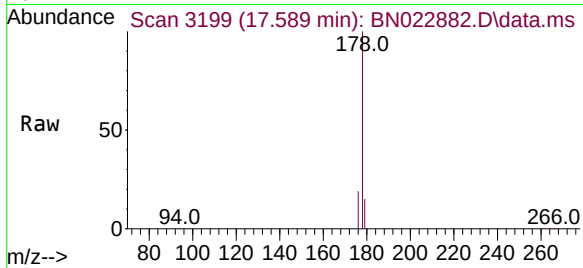
Tgt Ion:178 Resp: 58321

Ion Ratio Lower Upper

178 100

179 15.3 12.6 18.8

176 19.1 15.3 22.9



#19

Fluoranthene

Concen: 0.856 ng/ul

RT: 19.509 min Scan# 3632

Delta R.T. 0.000 min

Lab File: BN022882.D

Acq: 26 Nov 2022 15:38

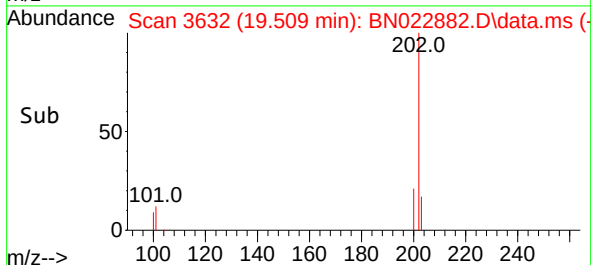
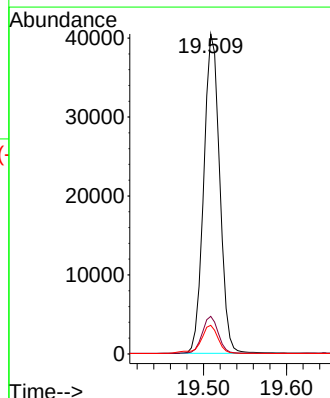
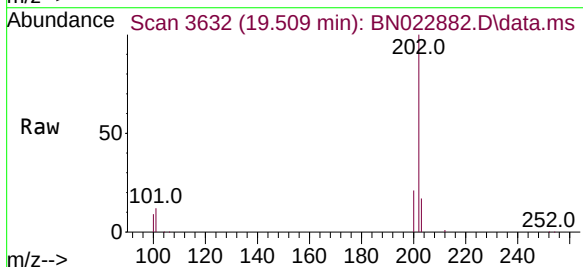
Tgt Ion:202 Resp: 53847

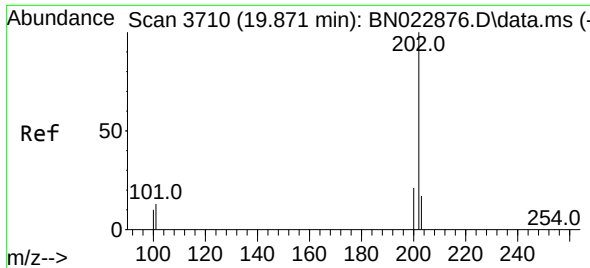
Ion Ratio Lower Upper

202 100

101 11.7 9.2 13.8

100 8.9 6.9 10.3





#20

Pyrene

Concen: 0.964 ng/ul

RT: 19.871 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN022882.D

Acq: 26 Nov 2022 15:38

Instrument :

BNA_N

ClientSampleId :

X3D63

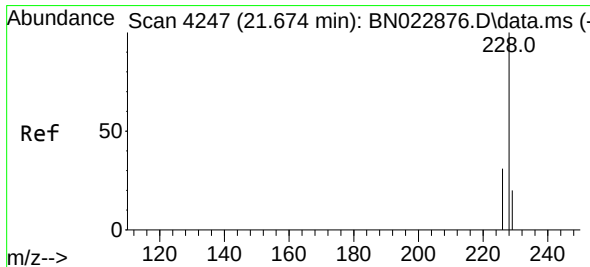
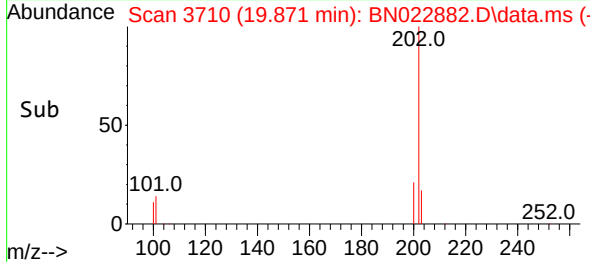
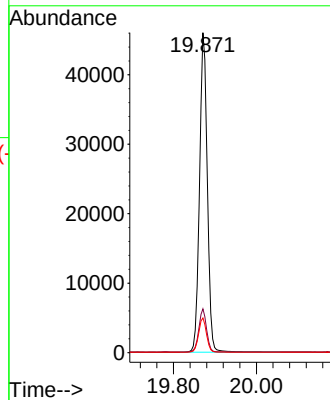
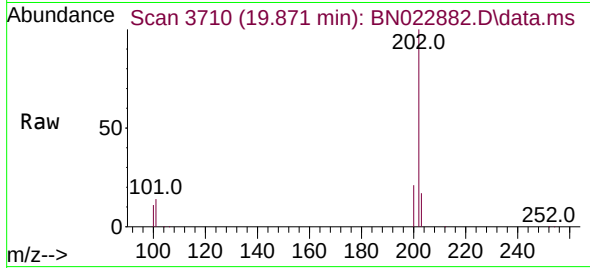
Tgt Ion:202 Resp: 59400

Ion Ratio Lower Upper

202 100

101 13.7 10.6 16.0

100 10.8 8.2 12.4



#22

Chrysene

Concen: 0.651 ng/ul

RT: 21.677 min Scan# 4248

Delta R.T. 0.003 min

Lab File: BN022882.D

Acq: 26 Nov 2022 15:38

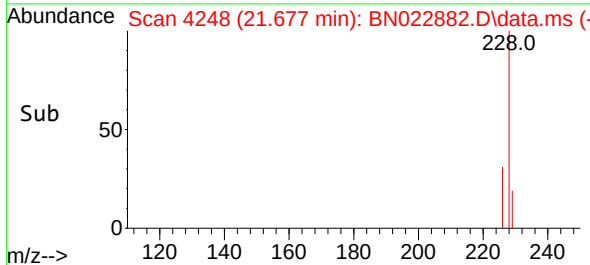
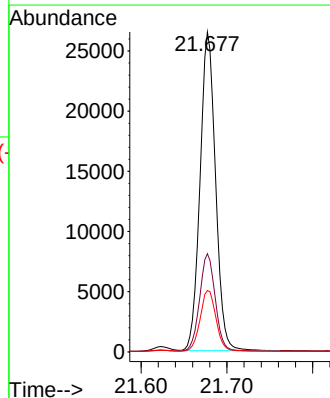
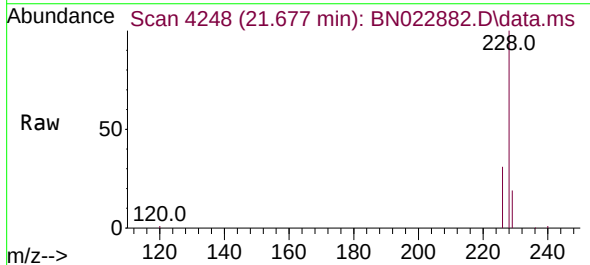
Tgt Ion:228 Resp: 33207

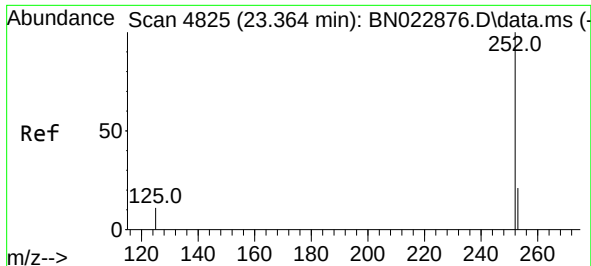
Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.2 15.8 23.8

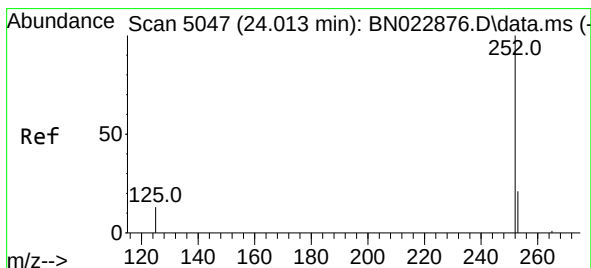
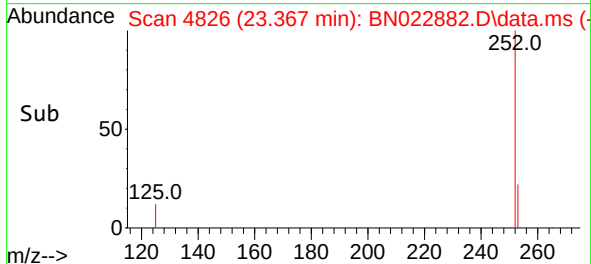
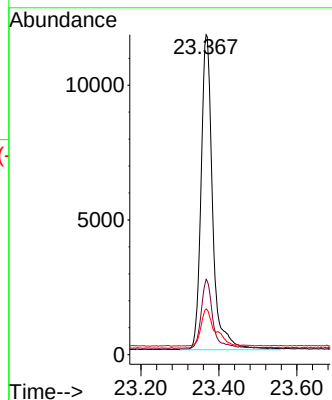
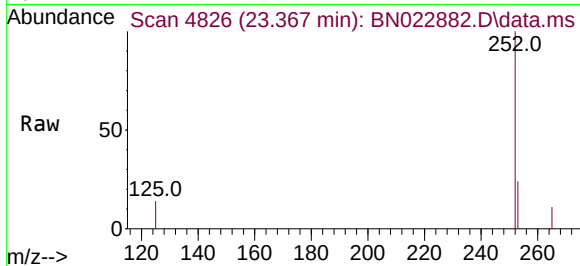




#24
Benzo(b)fluoranthene
Concen: 0.485 ng/ul
RT: 23.367 min Scan# 4825
Delta R.T. 0.003 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

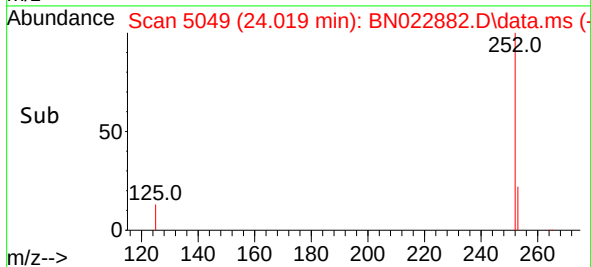
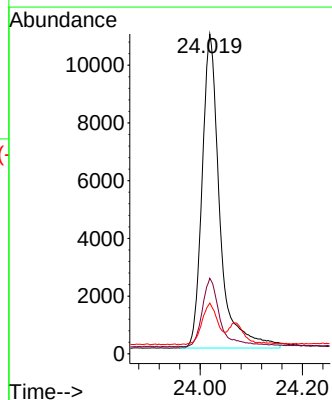
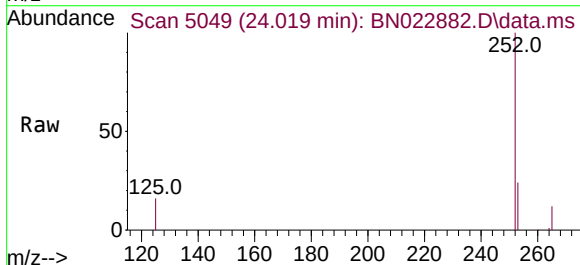
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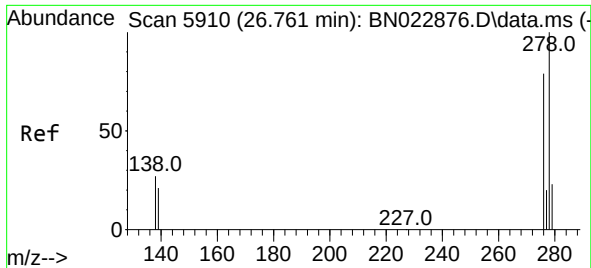
Tgt Ion:252 Resp: 24069
Ion Ratio Lower Upper
252 100
253 23.6 0.0 46.0
125 14.3 0.0 28.6



#26
Benzo(a)pyrene
Concen: 0.691 ng/ul
RT: 24.019 min Scan# 5049
Delta R.T. 0.006 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:252 Resp: 26114
Ion Ratio Lower Upper
252 100
253 23.6 19.7 29.5
125 15.9 13.7 20.5





#28

Dibenzo(a,h)anthracene

Concen: 1.393 ng/ul

RT: 26.775 min Scan# 5914

Delta R.T. 0.014 min

Lab File: BN022882.D

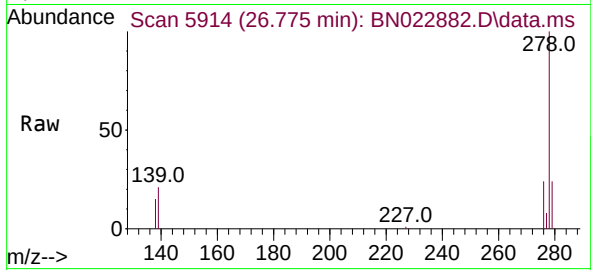
Acq: 26 Nov 2022 15:38

Instrument :

BNA_N

ClientSampleId :

X3D63



Tgt Ion:278 Resp: 49688

Ion Ratio Lower Upper

278 100

139 20.6 18.3 27.5

279 24.3 20.4 30.6

