

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023450.D
 Acq On : 25 Dec 2022 16:05
 Operator : CG/JU
 Sample : N6017-21
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYG9

Quant Time: Dec 26 01:24:04 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)

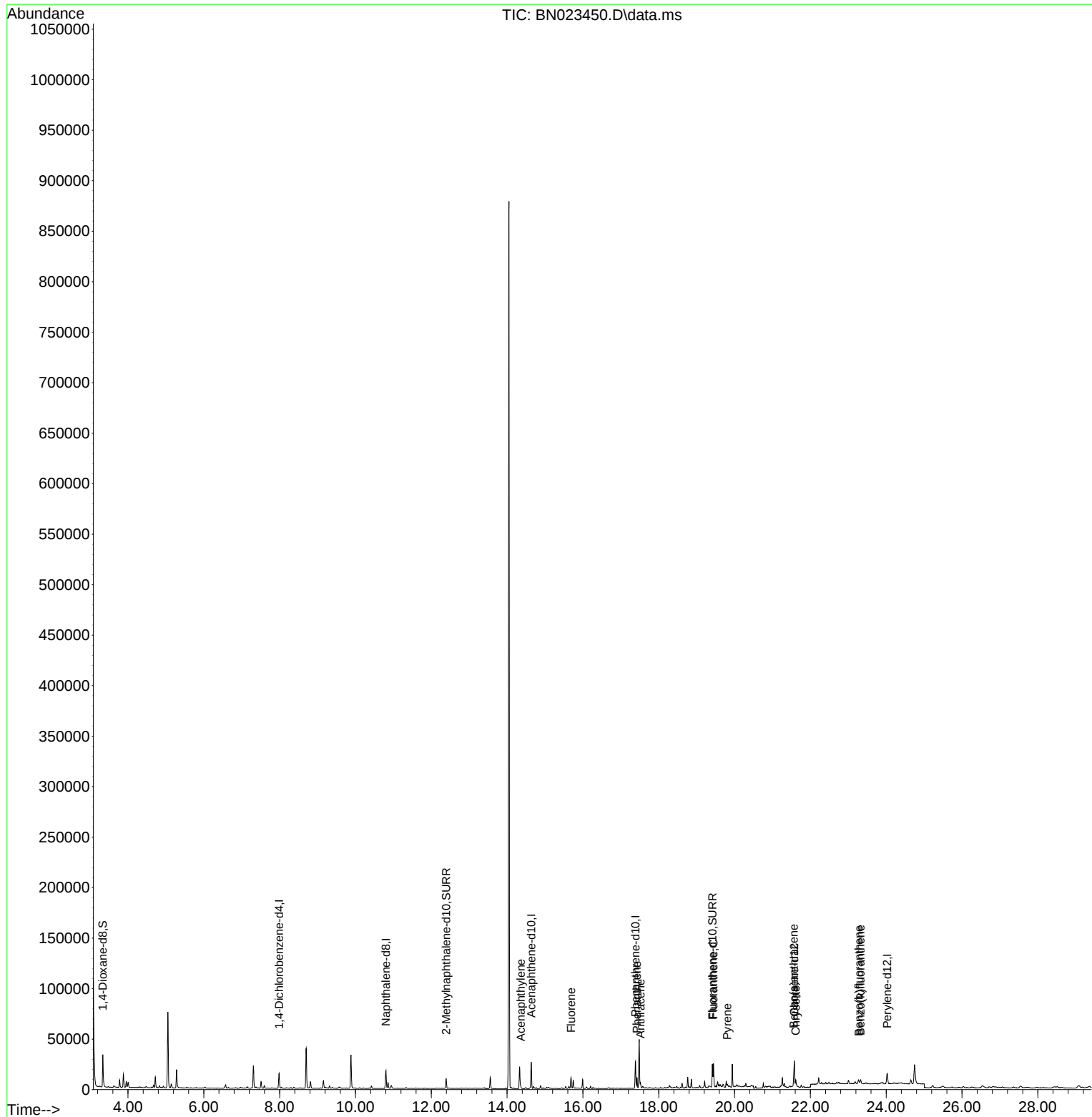
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	7262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23536	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.637	164	13781	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	30002	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	20260	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	14850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	20768	2.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	11836	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	23815	0.325	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.359	152	3220	0.053	ng/ul#	91
12) Fluorene	15.687	166	6801	0.118	ng/ul	99
15) Phenanthrene	17.425	178	9841	0.101	ng/ul#	92
16) Anthracene	17.517	178	5570	0.069	ng/ul#	92
19) Fluoranthene	19.444	202	17975	0.183	ng/ul#	89
20) Pyrene	19.807	202	2122	0.021	ng/ul#	48
21) Benzo(a)anthracene	21.561	228	8729	0.111	ng/ul#	80
22) Chrysene	21.614	228	4042	0.050	ng/ul#	47
24) Benzo(b)fluoranthene	23.277	252	3679	0.048	ng/ul#	1
25) Benzo(k)fluoranthene	23.324	252	2202	0.031	ng/ul#	1

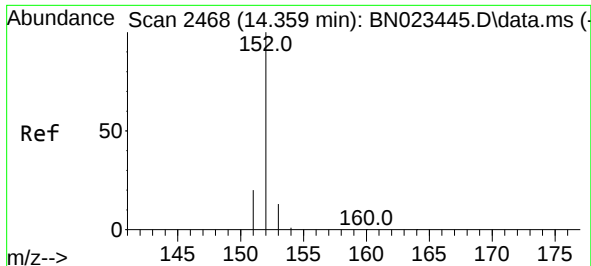
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 26 01:24:04 2022
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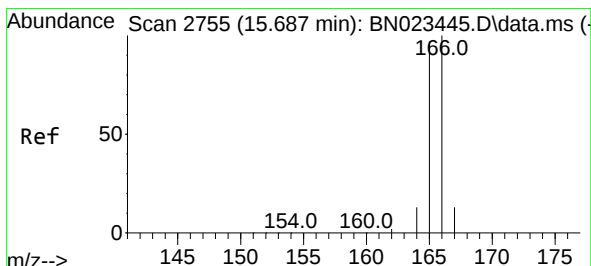
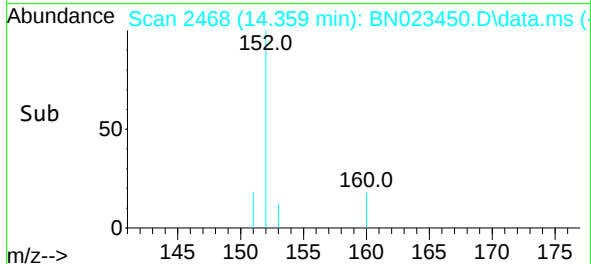
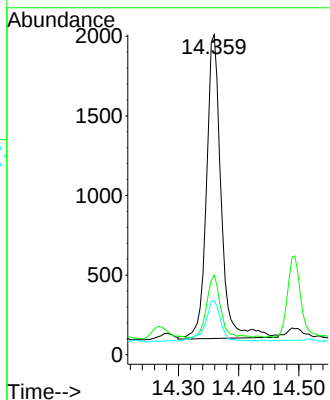
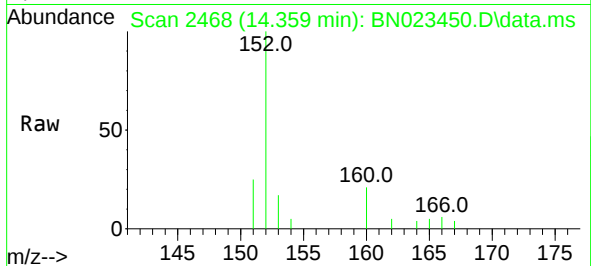




#10
Acenaphthylene
Concen: 0.053 ng/u1
RT: 14.359 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

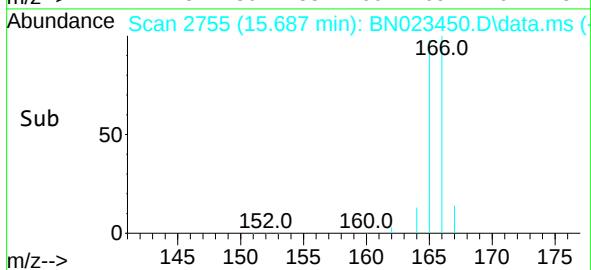
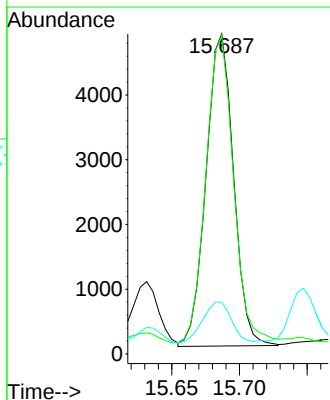
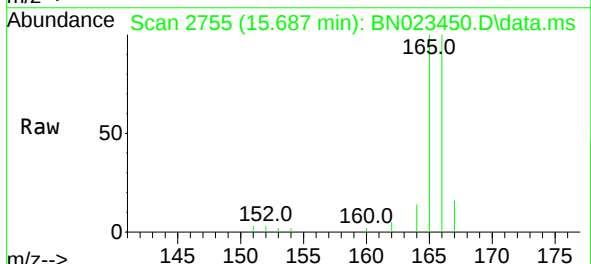
Instrument :
BNA_N
ClientSampleId :
DBYG9

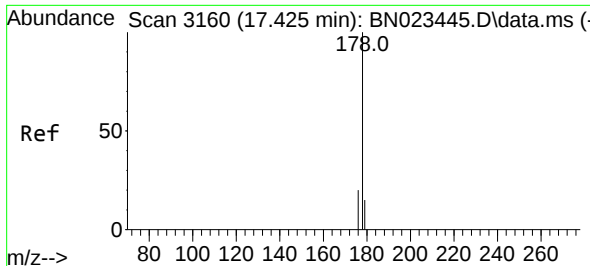
Tgt Ion:152 Resp: 3220
Ion Ratio Lower Upper
152 100
151 24.8 16.1 24.1#
153 16.9 10.9 16.3#



#12
Fluorene
Concen: 0.118 ng/u1
RT: 15.687 min Scan# 2755
Delta R.T. 0.001 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

Tgt Ion:166 Resp: 6801
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 16.1 11.0 16.4

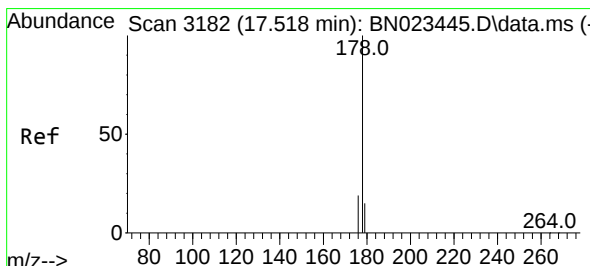
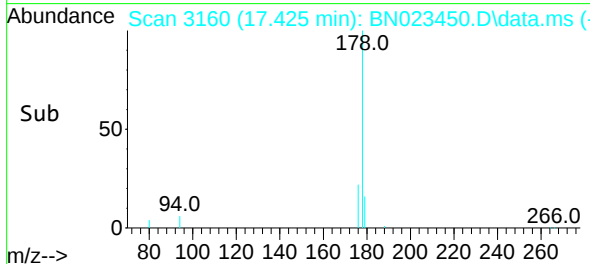
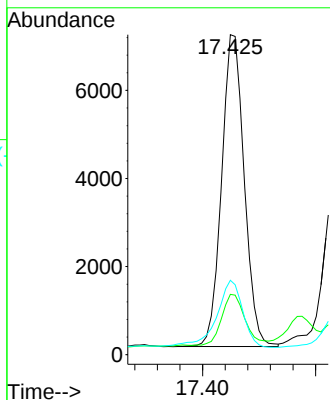
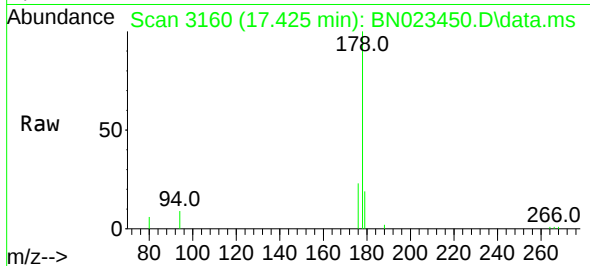




#15
Phenanthrene
Concen: 0.101 ng/u1
RT: 17.425 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

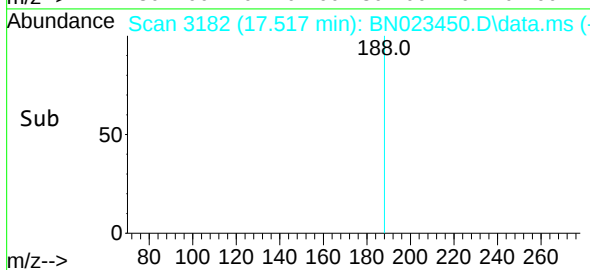
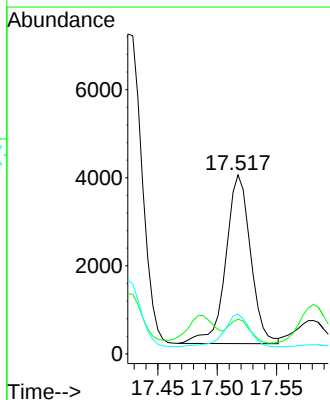
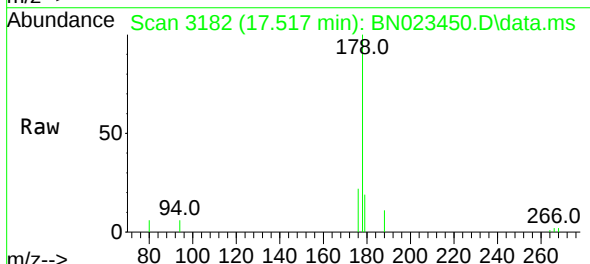
Instrument :
BNA_N
ClientSampleId :
DBYG9

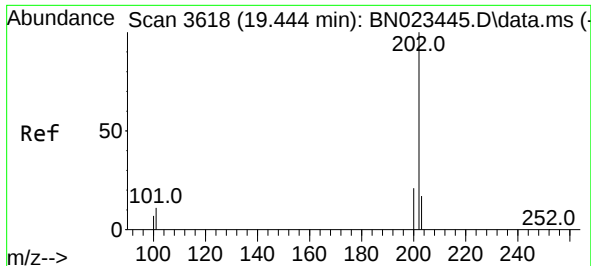
Tgt Ion:178 Resp: 9841
Ion Ratio Lower Upper
178 100
179 18.9 12.5 18.7#
176 23.2 15.7 23.5



#16
Anthracene
Concen: 0.069 ng/u1
RT: 17.517 min Scan# 3182
Delta R.T. -0.003 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

Tgt Ion:178 Resp: 5570
Ion Ratio Lower Upper
178 100
179 19.4 12.6 18.8#
176 22.2 15.4 23.0

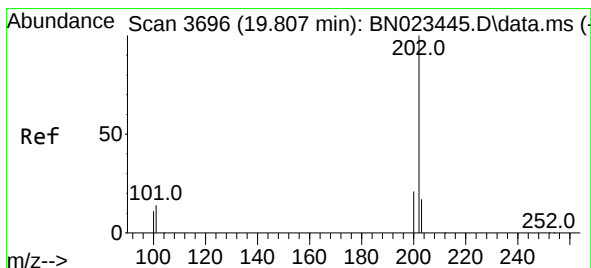
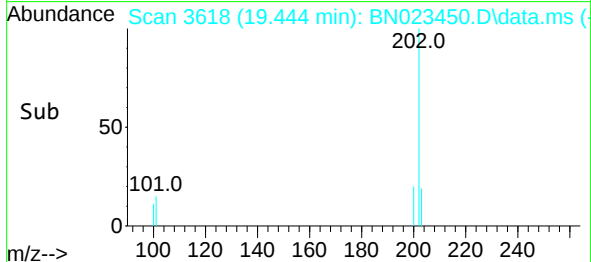
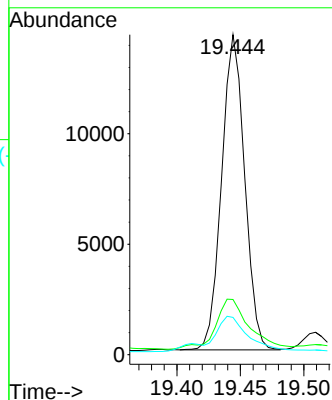
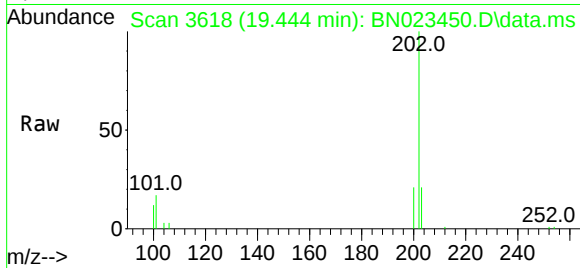




#19
Fluoranthene
Concen: 0.183 ng/u1
RT: 19.444 min Scan# 3618
Delta R.T. 0.001 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

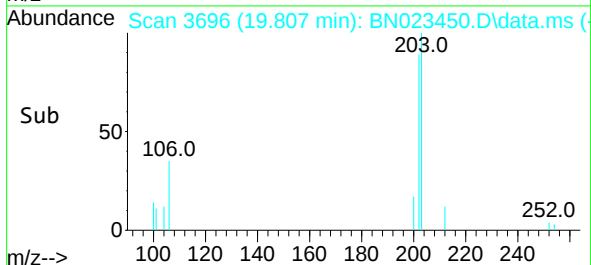
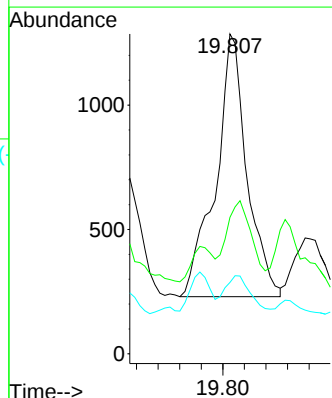
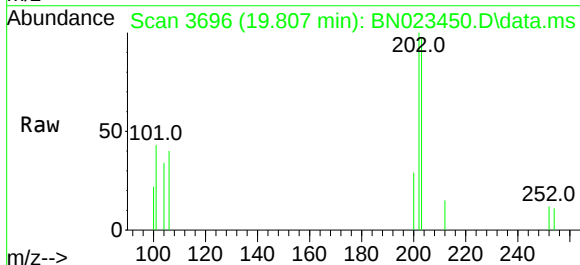
Instrument :
BNA_N
ClientSampleId :
DBYG9

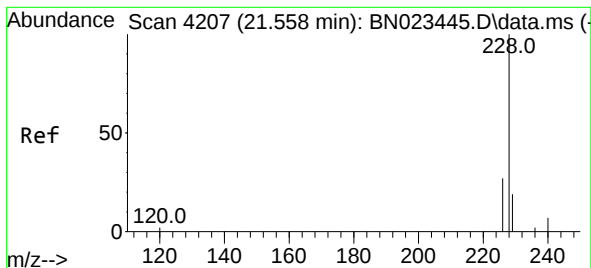
Tgt Ion:202 Resp: 17975
Ion Ratio Lower Upper
202 100
101 17.2 9.4 14.2#
100 11.7 7.0 10.6#



#20
Pyrene
Concen: 0.021 ng/u1
RT: 19.807 min Scan# 3696
Delta R.T. 0.001 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

Tgt Ion:202 Resp: 2122
Ion Ratio Lower Upper
202 100
101 42.7 11.3 16.9#
100 22.3 9.0 13.4#





#21

Benzo(a)anthracene

Concen: 0.111 ng/ul

RT: 21.561 min Scan# 4208

Delta R.T. 0.005 min

Lab File: BN023450.D

Acq: 25 Dec 2022 16:05

Instrument :

BNA_N

ClientSampleId :

DBYG9

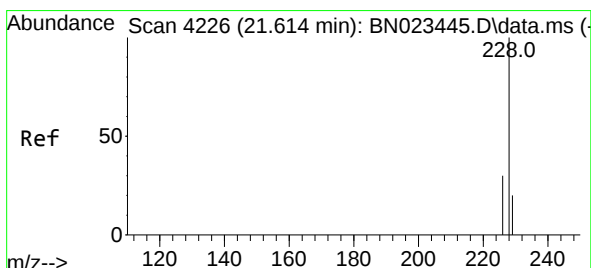
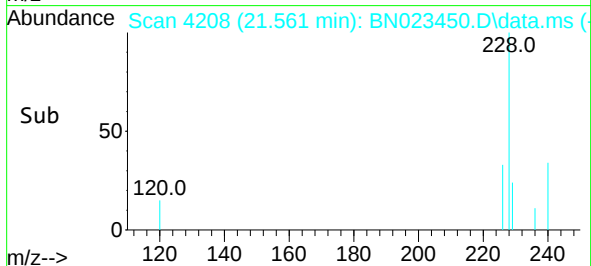
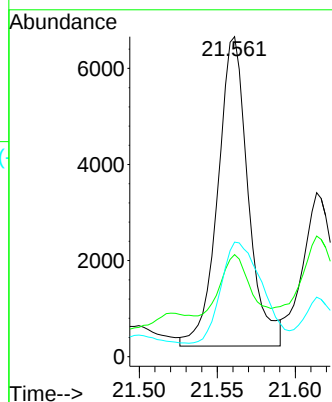
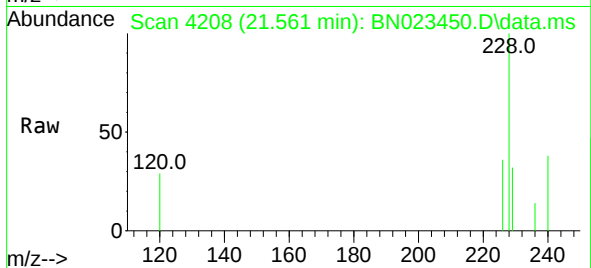
Tgt Ion:228 Resp: 8729

Ion Ratio Lower Upper

228 100

229 31.9 15.6 23.4#

226 35.8 22.2 33.2#



#22

Chrysene

Concen: 0.050 ng/ul

RT: 21.614 min Scan# 4226

Delta R.T. 0.002 min

Lab File: BN023450.D

Acq: 25 Dec 2022 16:05

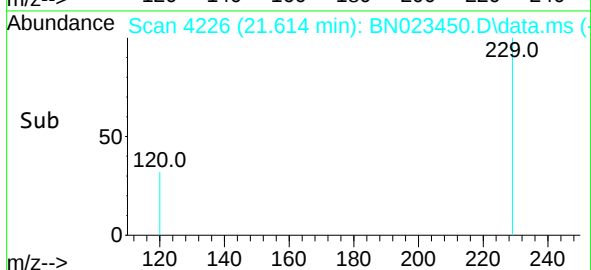
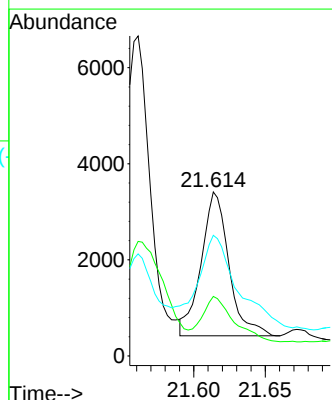
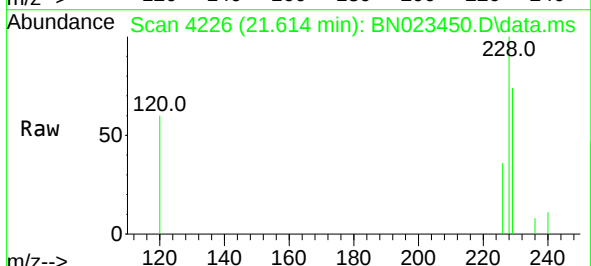
Tgt Ion:228 Resp: 4042

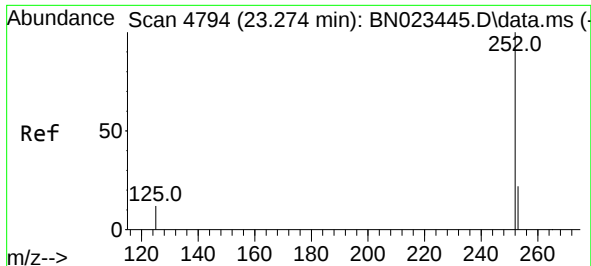
Ion Ratio Lower Upper

228 100

226 36.3 24.3 36.5

229 73.6 15.8 23.6#

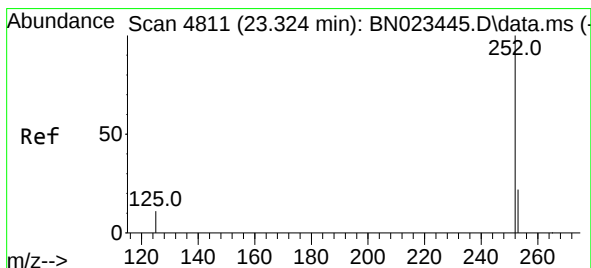
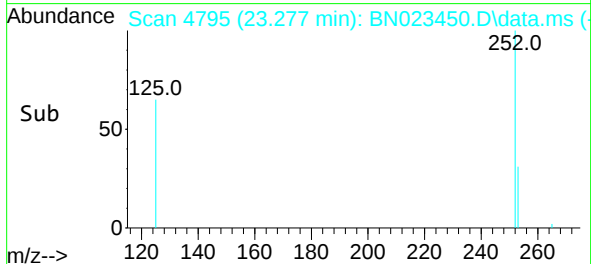
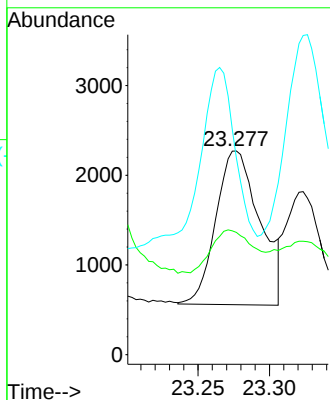
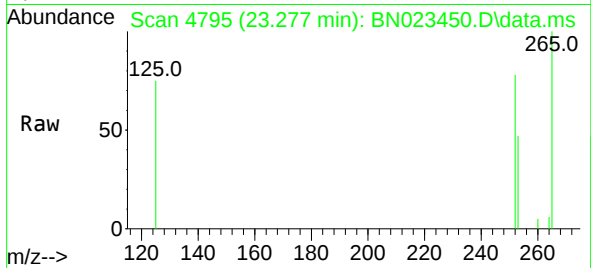




#24
Benzo(b)fluoranthene
Concen: 0.048 ng/ul
RT: 23.277 min Scan# 4795
Delta R.T. 0.008 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

Instrument :
BNA_N
ClientSampleId :
DBYG9

Tgt Ion:252 Resp: 3679
Ion Ratio Lower Upper
252 100
253 60.0 0.0 49.2#
125 96.4 0.0 31.8#



#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul
RT: 23.324 min Scan# 4811
Delta R.T. 0.005 min
Lab File: BN023450.D
Acq: 25 Dec 2022 16:05

Tgt Ion:252 Resp: 2202
Ion Ratio Lower Upper
252 100
253 69.6 19.8 29.6#
125 195.8 12.6 18.8#

