

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032375.D
 Acq On : 01 Jul 2024 23:08
 Operator : MA/JU
 Sample : P2934-03DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 23:46:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

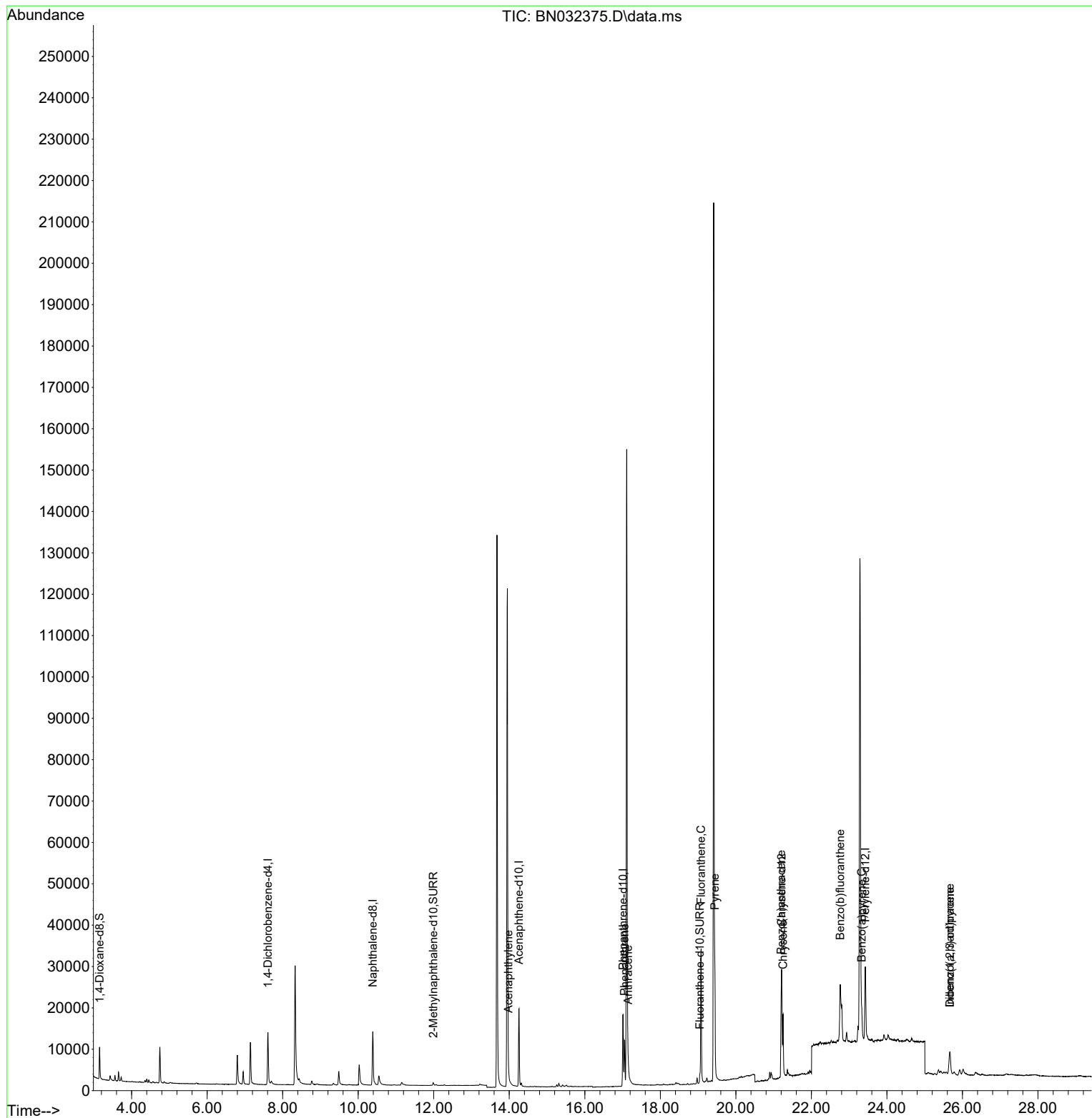
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	7162	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.387	136	20257	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	11181	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	22381	0.400	ng/ul	-0.01
17) Chrysene-d12	21.212	240	20788	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	25543	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5314	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1212	0.040	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2731	0.044	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.976	152	1623	0.035	ng/ul#	80
15) Phenanthrene	17.050	178	12434	0.203	ng/ul	97
16) Anthracene	17.143	178	2834	0.052	ng/ul#	76
19) Fluoranthene	19.078	202	30025	0.379	ng/ul	99
20) Pyrene	19.441	202	22822	0.276	ng/ul	97
21) Benzo(a)anthracene	21.197	228	14727	0.196	ng/ul#	89
22) Chrysene	21.250	228	14884	0.181	ng/ul#	89
24) Benzo(b)fluoranthene	22.763	252	31953	0.288	ng/ul	76
26) Benzo(a)pyrene	23.330	252	8819	0.114	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	25.666	276	9566	0.079	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.666	278	2841	0.032	ng/ul#	1

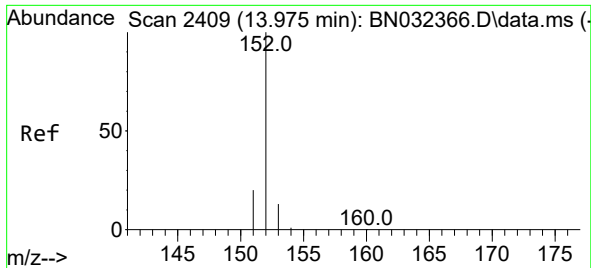
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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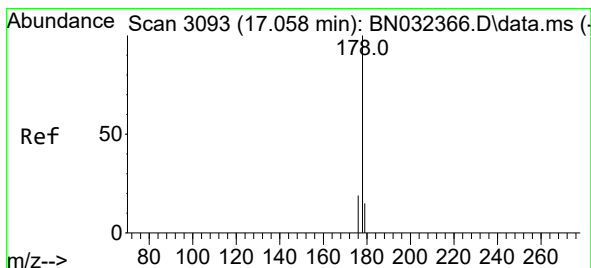
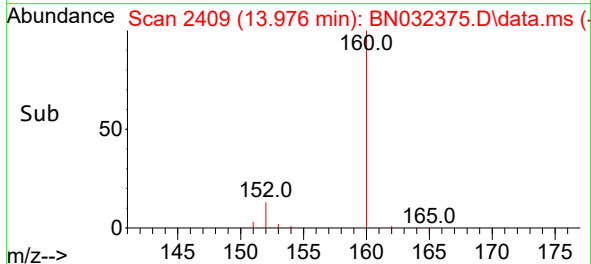
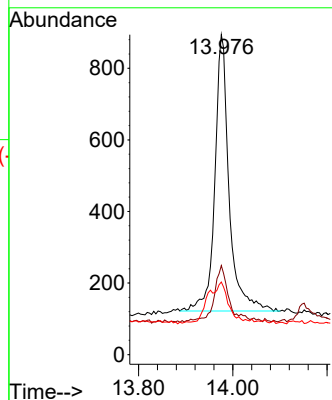
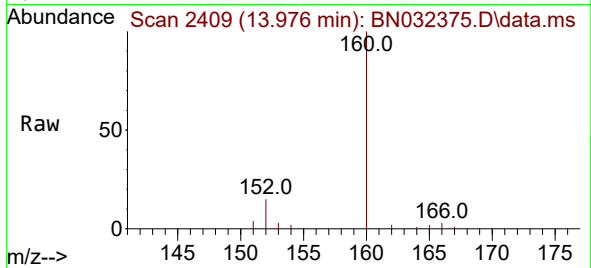




#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.976 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

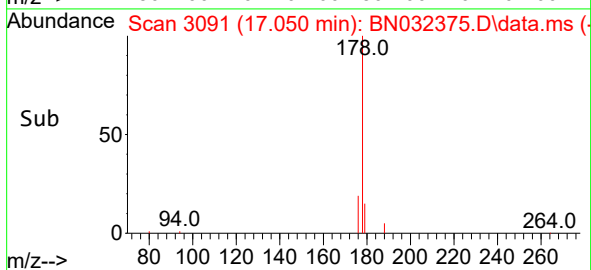
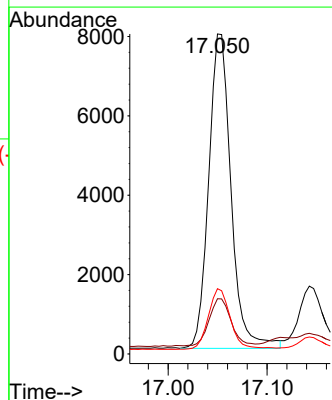
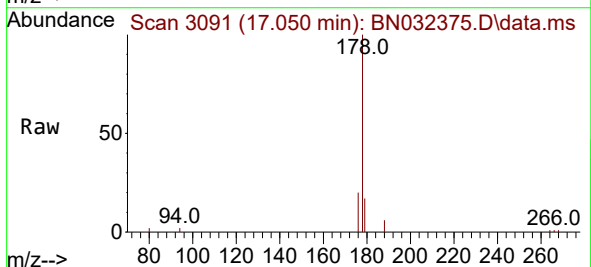
Instrument :
BNA_G
ClientSampleId :

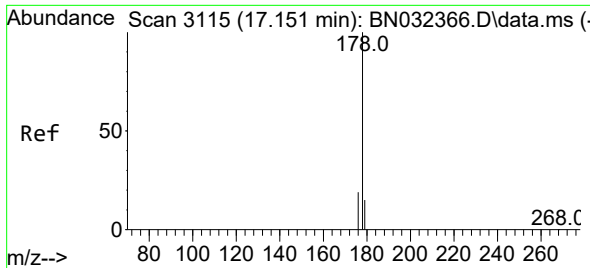
Tgt Ion:152 Resp: 1623
Ion Ratio Lower Upper
152 100
151 27.9 15.7 23.5#
153 22.7 10.9 16.3#



#15
Phenanthrene
Concen: 0.203 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

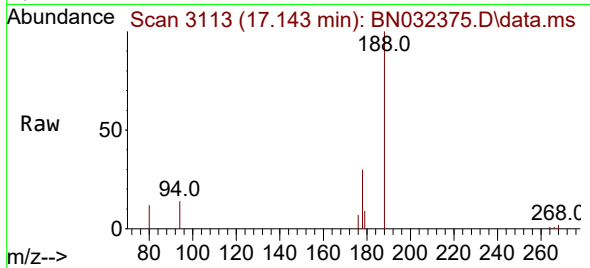
Tgt Ion:178 Resp: 12434
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 20.4 15.6 23.4



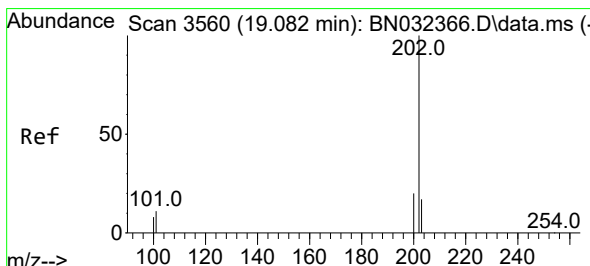
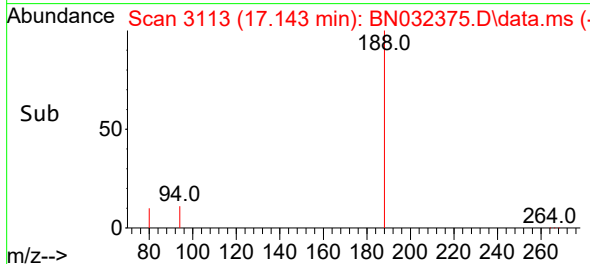
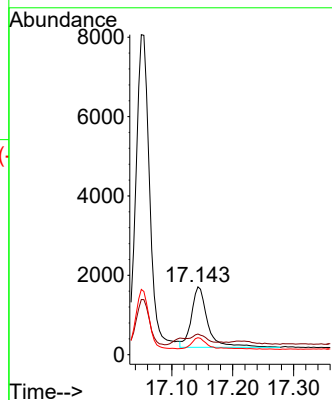


#16
 Anthracene
 Concen: 0.052 ng/ul
 RT: 17.143 min Scan# 3115
 Delta R.T. -0.017 min
 Lab File: BN032375.D
 Acq: 01 Jul 2024 23:08

Instrument :
 BNA_G
 ClientSampleId :

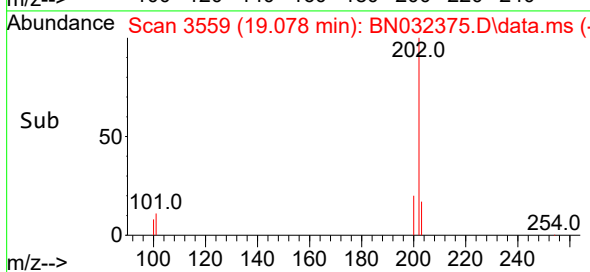
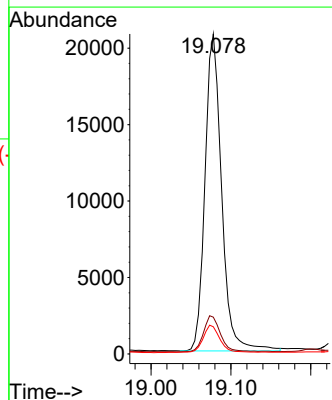
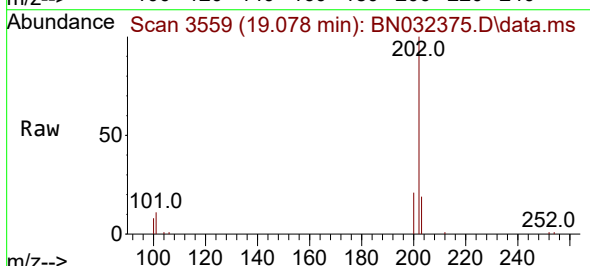


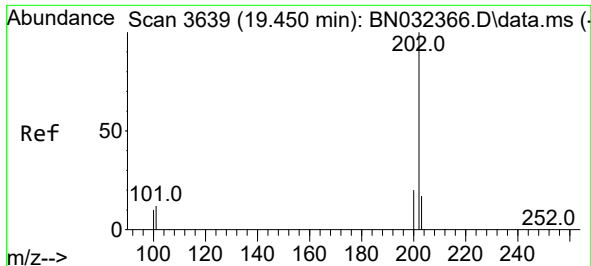
Tgt Ion:178 Resp: 2834
 Ion Ratio Lower Upper
 178 100
 179 30.5 12.5 18.7#
 176 25.0 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.379 ng/ul
 RT: 19.078 min Scan# 3559
 Delta R.T. -0.014 min
 Lab File: BN032375.D
 Acq: 01 Jul 2024 23:08

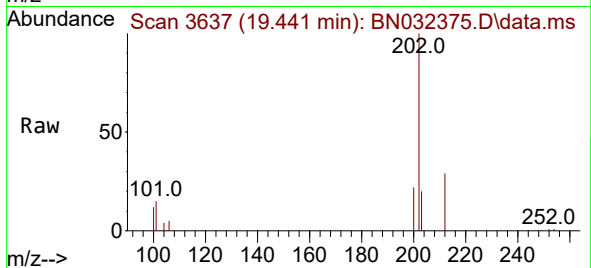
Tgt Ion:202 Resp: 30025
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.8 13.2
 100 8.5 6.4 9.6



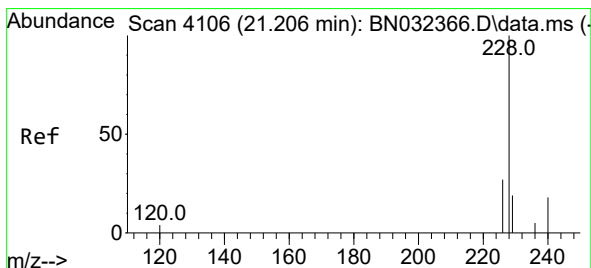
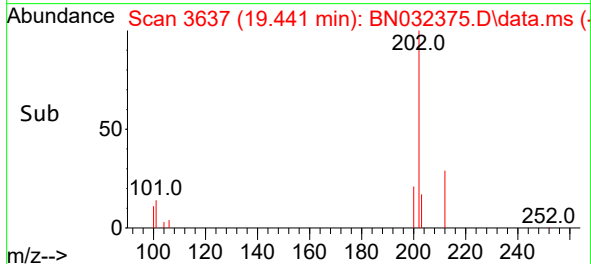
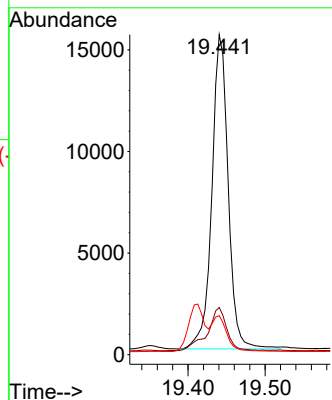


#20
Pyrene
Concen: 0.276 ng/ul
RT: 19.441 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

Instrument :
BNA_G
ClientSampleId :

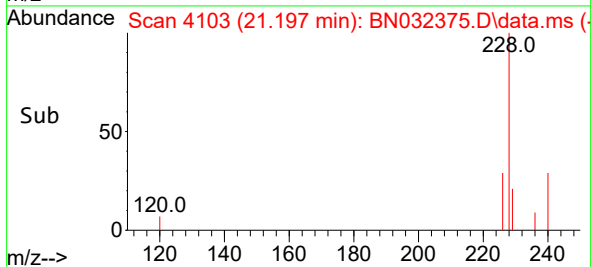
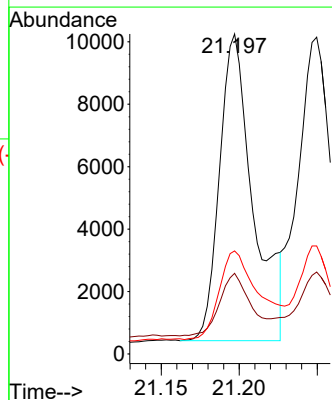
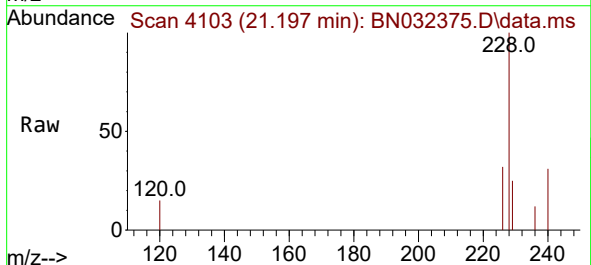


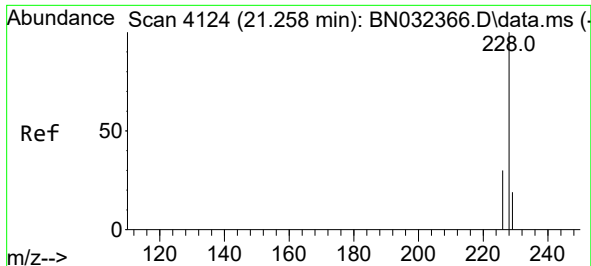
Tgt Ion:202 Resp: 22822
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.4
100 12.2 8.7 13.1



#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.017 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

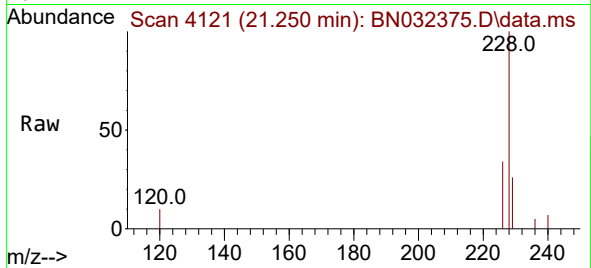
Tgt Ion:228 Resp: 14727
Ion Ratio Lower Upper
228 100
229 25.2 15.7 23.5#
226 32.2 21.8 32.8



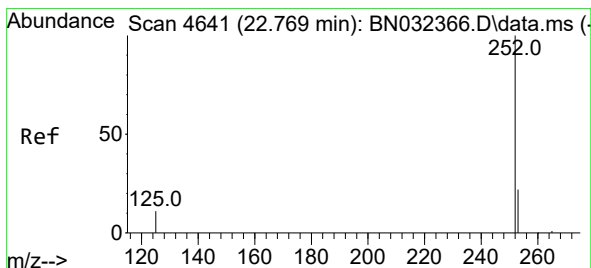
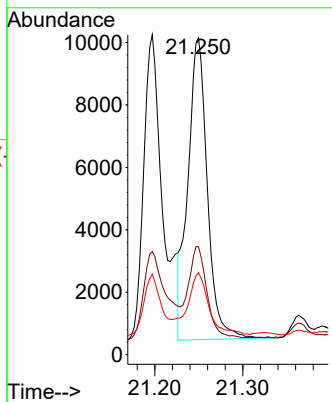
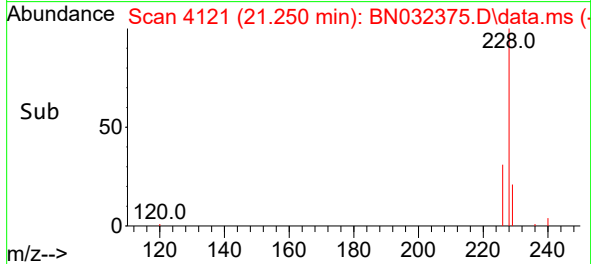


#22
Chrysene
Concen: 0.181 ng/ul
RT: 21.250 min Scan# 4121
Delta R.T. -0.017 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

Instrument :
BNA_G
ClientSampleId :

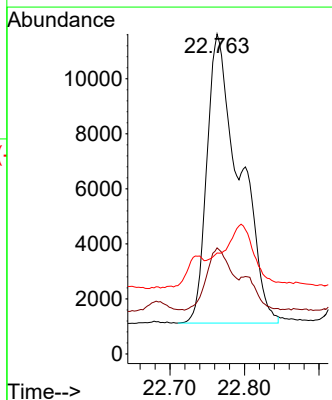
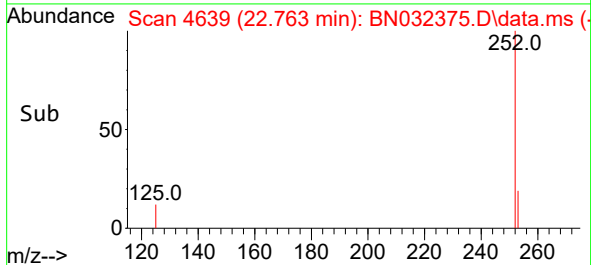
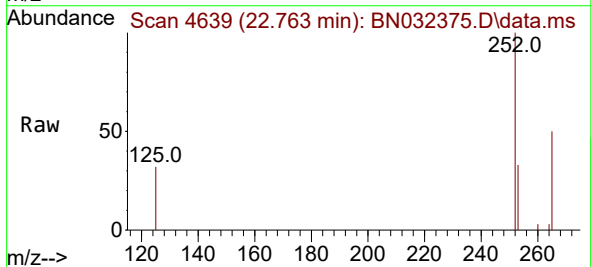


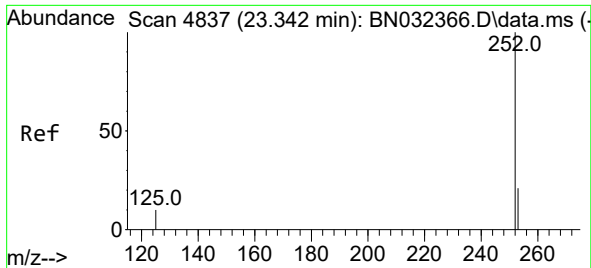
Tgt Ion:228 Resp: 14884
Ion Ratio Lower Upper
228 100
226 34.1 23.6 35.4
229 25.9 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. -0.020 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

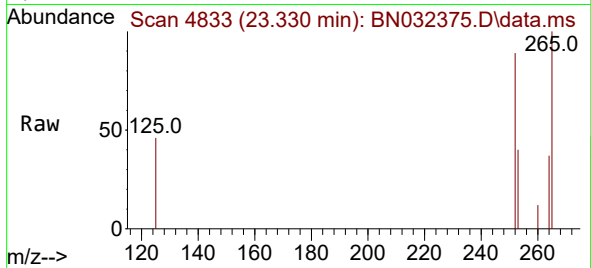
Tgt Ion:252 Resp: 31953
Ion Ratio Lower Upper
252 100
253 33.1 0.0 50.2
125 31.5 0.0 32.0



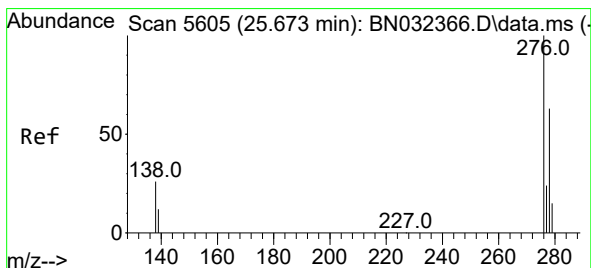
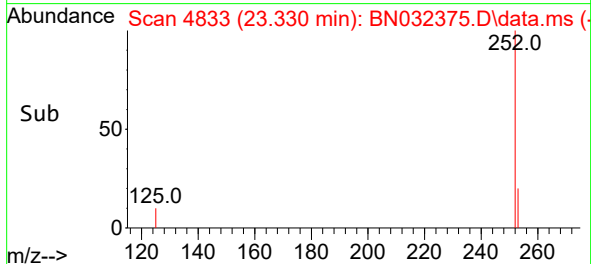
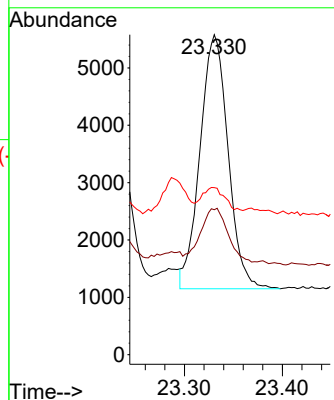


#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

Instrument :
BNA_G
ClientSampleId :

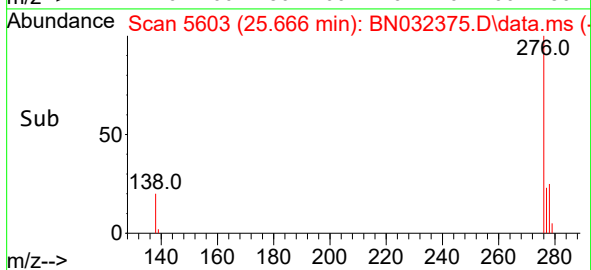
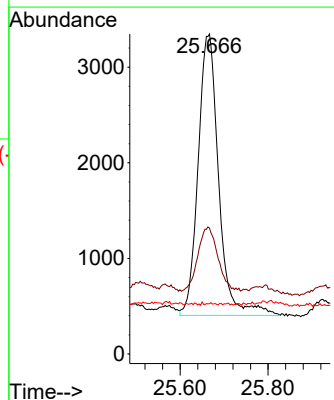
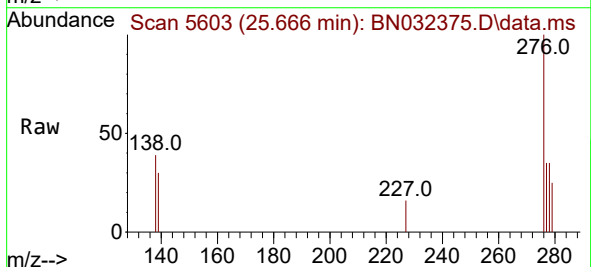


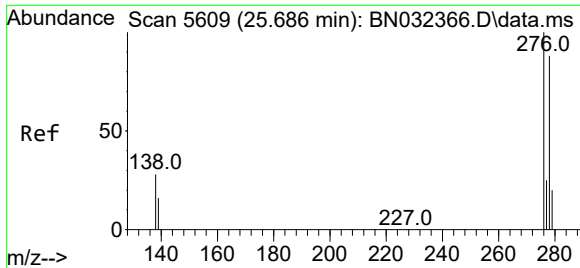
Tgt Ion:252 Resp: 8819
Ion Ratio Lower Upper
252 100
253 45.3 22.2 33.2#
125 52.2 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

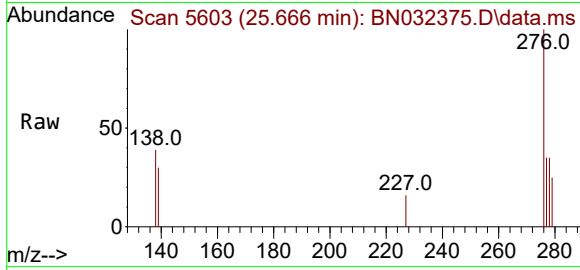
Tgt Ion:276 Resp: 9566
Ion Ratio Lower Upper
276 100
138 22.1 21.3 31.9
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.666 min Scan# 50
Delta R.T. -0.044 min
Lab File: BN032375.D
Acq: 01 Jul 2024 23:08

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:278 Resp: 2841
Ion Ratio Lower Upper
278 100
139 86.5 15.9 23.9#
279 72.3 21.1 31.7#

