

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028889.D
 Acq On : 27 Nov 2023 21:22
 Operator : MA/JU
 Sample : 05416-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Quant Time: Nov 28 04:30:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

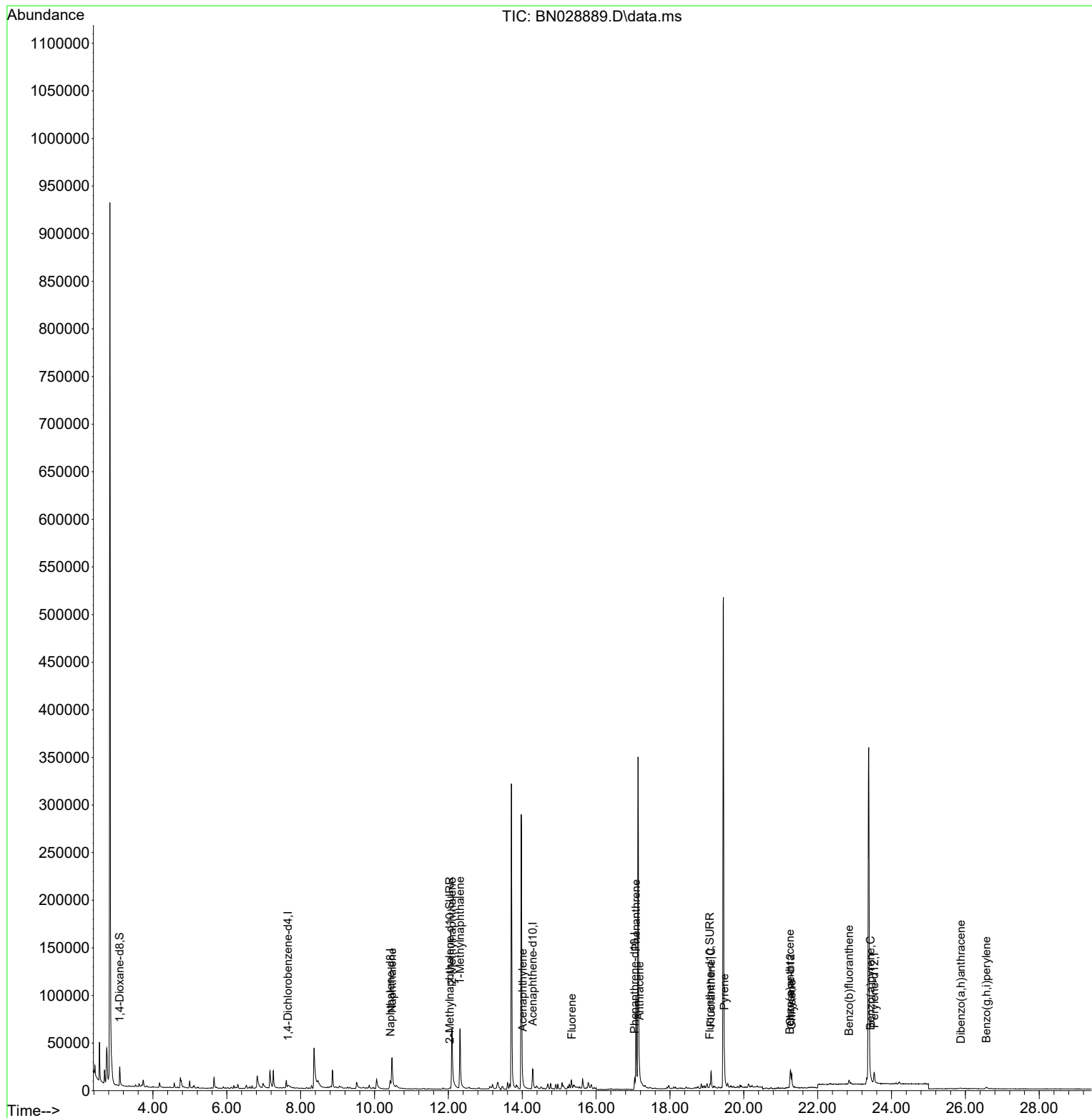
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	3493	0.400	ng/ul	#-0.08
4) Naphthalene-d8	10.429	136	17174	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	9148	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.043	188	16368	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.260	240	13538	0.400	ng/ul	# 0.00
23) Perylene-d12	23.531	264	15941	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	12984	3.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	2529	0.098	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	5770	0.132	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.473	128	65689	1.365	ng/ul	100
7) 2-Methylnaphthalene	12.096	142	63140	1.991	ng/ul	99
8) 1-Methylnaphthalene	12.316	142	49762	1.545	ng/ul	100
10) Acenaphthylene	14.011	152	1519	0.033	ng/ul#	1
12) Fluorene	15.343	166	1341	0.034	ng/ul#	56
15) Phenanthrene	17.081	178	118583	2.358	ng/ul	100
16) Anthracene	17.174	178	5252	0.114	ng/ul#	82
19) Fluoranthene	19.113	202	17254	0.300	ng/ul#	93
20) Pyrene	19.475	202	18808	0.315	ng/ul#	89
21) Benzo(a)anthracene	21.246	228	5523	0.103	ng/ul#	68
22) Chrysene	21.295	228	12279	0.235	ng/ul#	88
24) Benzo(b)fluoranthene	22.847	252	7297	0.122	ng/ul#	22
26) Benzo(a)pyrene	23.432	252	1842	0.033	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.877	278	1017	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	26.571	276	4177	0.081	ng/ul#	66

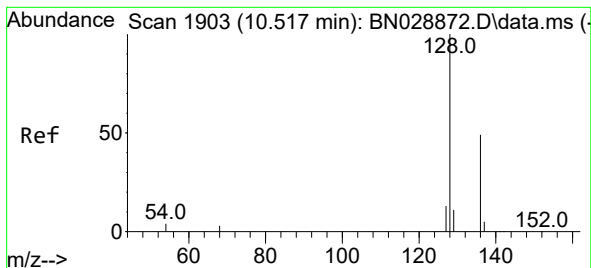
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.365 ng/ul

RT: 10.473 min Scan# 11

Delta R.T. -0.033 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

Instrument :

BNA_N

ClientSampleId :

C0AB2

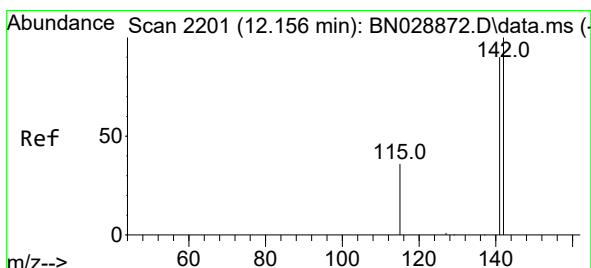
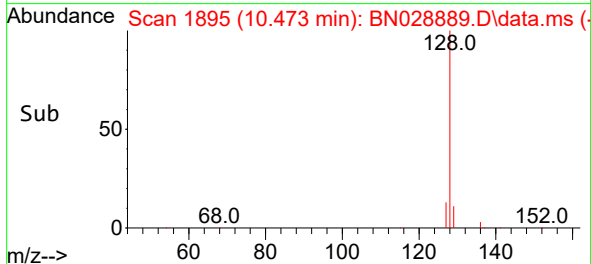
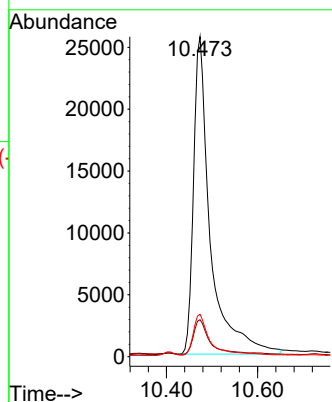
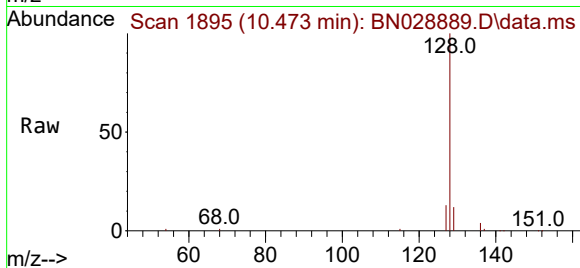
Tgt Ion:128 Resp: 65689

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 1.991 ng/ul

RT: 12.096 min Scan# 2190

Delta R.T. -0.044 min

Lab File: BN028889.D

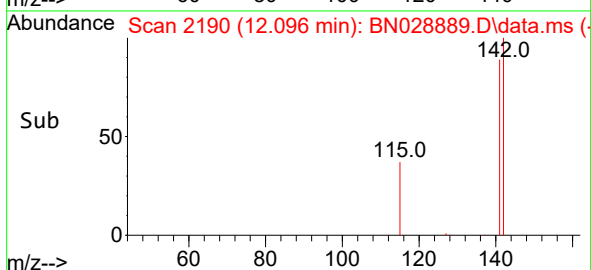
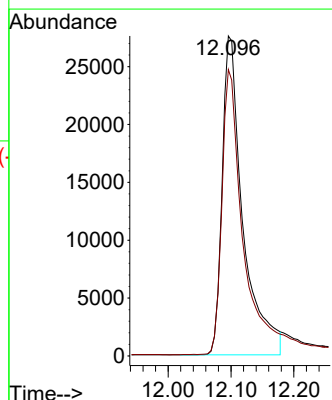
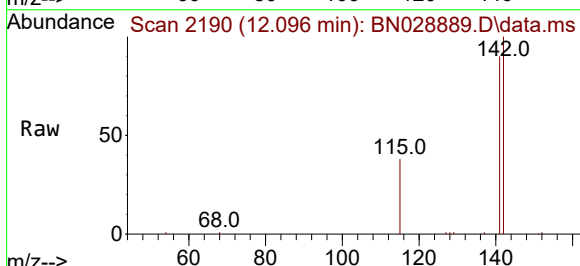
Acq: 27 Nov 2023 21:22

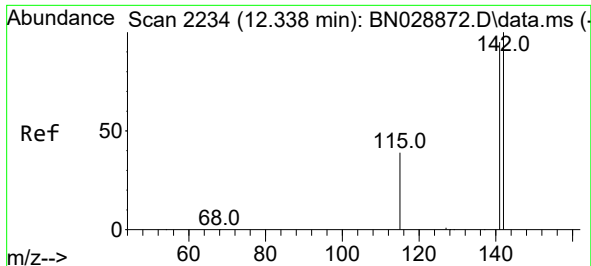
Tgt Ion:142 Resp: 63140

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

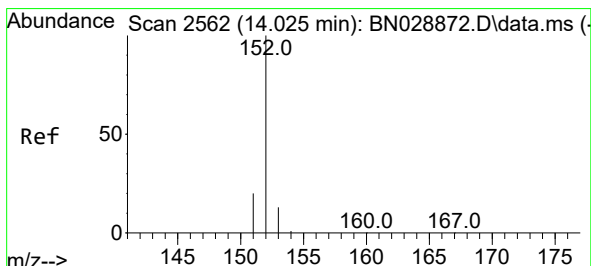
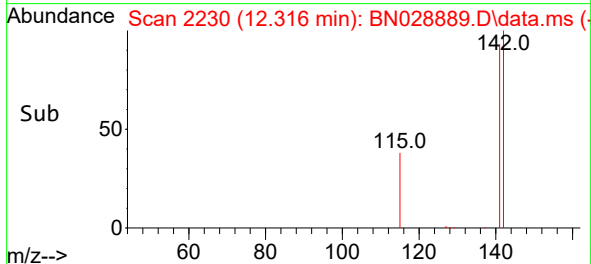
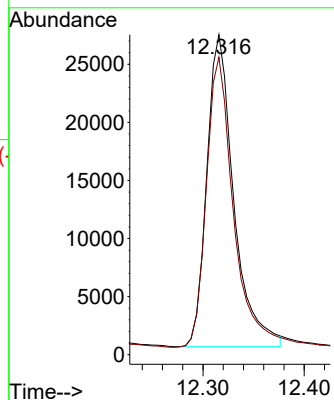
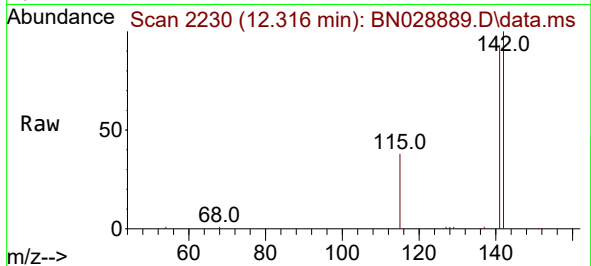




#8
1-Methylnaphthalene
Concen: 1.545 ng/ul
RT: 12.316 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

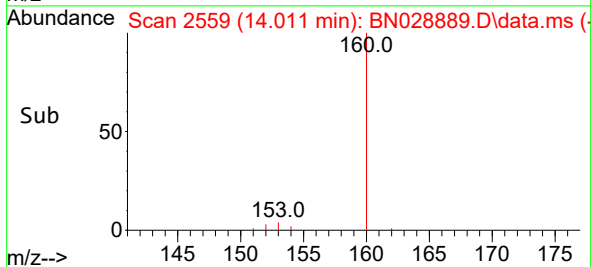
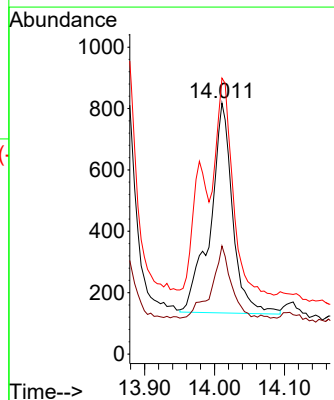
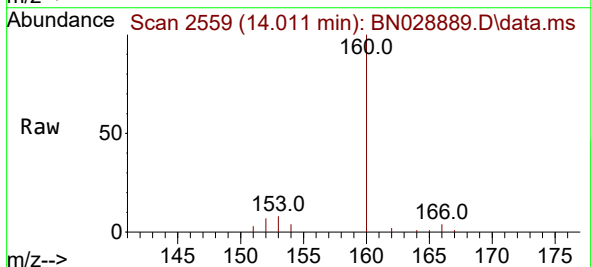
Instrument :
BNA_N
ClientSampleId :
C0AB2

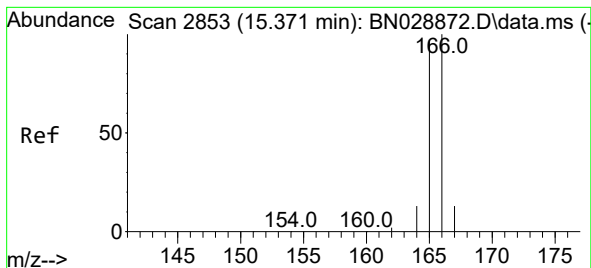
Tgt Ion:142 Resp: 49762
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.011 min Scan# 2559
Delta R.T. -0.015 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

Tgt Ion:152 Resp: 1519
Ion Ratio Lower Upper
152 100
151 43.0 16.1 24.1#
153 109.9 10.6 15.8#





#12

Fluorene

Concen: 0.034 ng/ul

RT: 15.343 min Scan# 21

Delta R.T. -0.024 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

Instrument :

BNA_N

ClientSampleId :

C0AB2

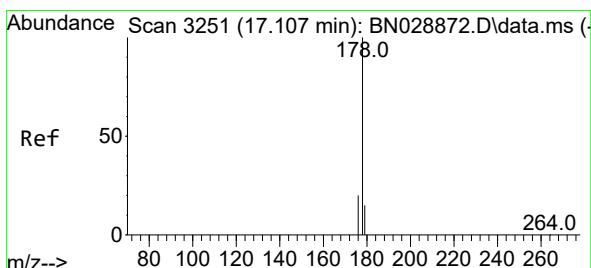
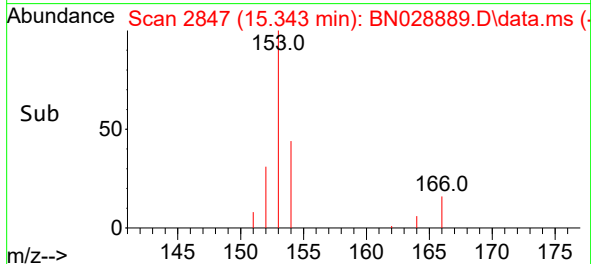
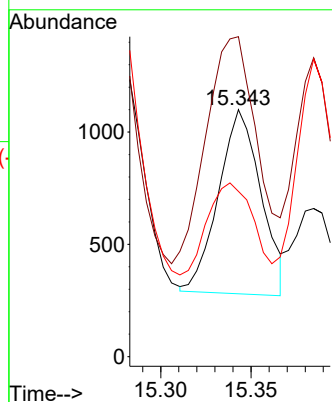
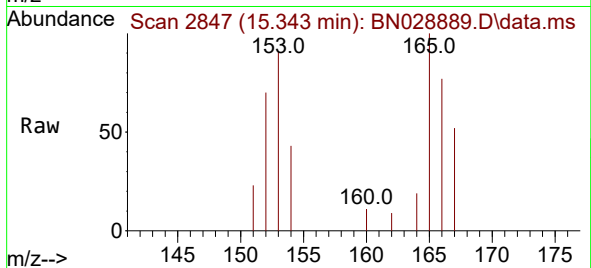
Tgt Ion:166 Resp: 1341

Ion Ratio Lower Upper

166 100

165 129.5 78.6 118.0#

167 66.9 11.0 16.6#



#15

Phenanthrene

Concen: 2.358 ng/ul

RT: 17.081 min Scan# 3245

Delta R.T. -0.022 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

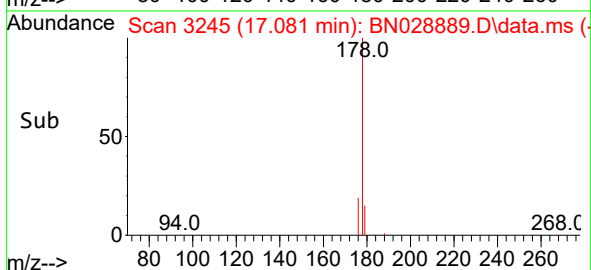
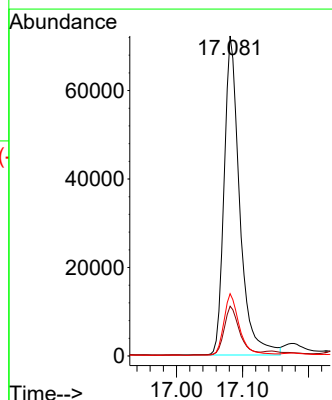
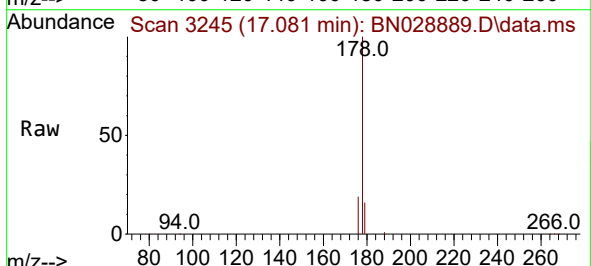
Tgt Ion:178 Resp: 118583

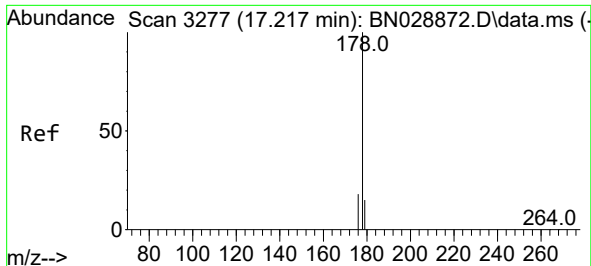
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 19.5 15.4 23.2

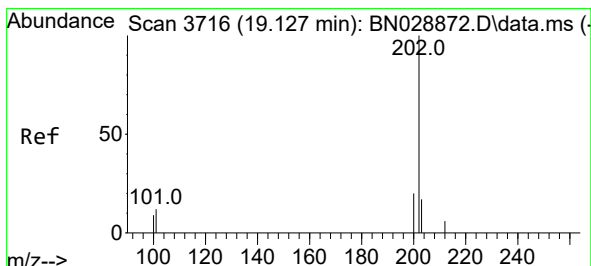
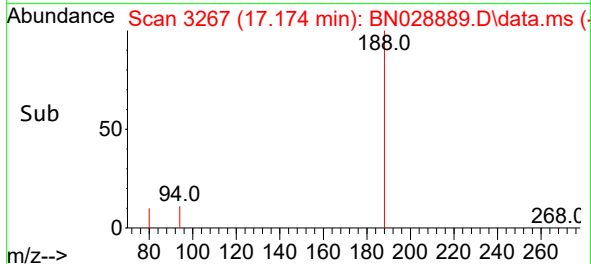
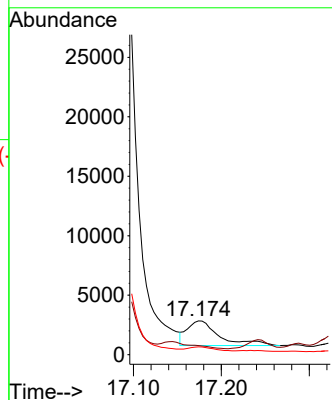
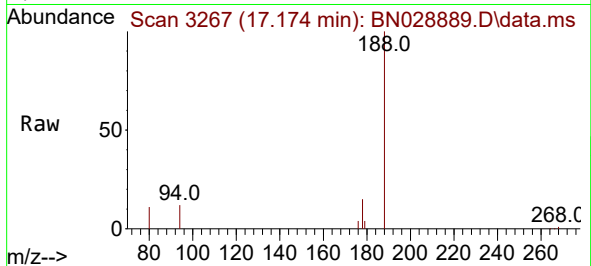




#16
 Anthracene
 Concen: 0.114 ng/ul
 RT: 17.174 min Scan# 31
 Delta R.T. -0.030 min
 Lab File: BN028889.D
 Acq: 27 Nov 2023 21:22

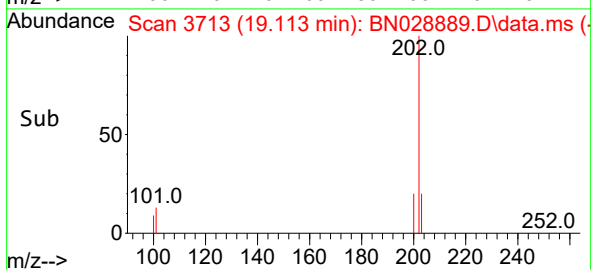
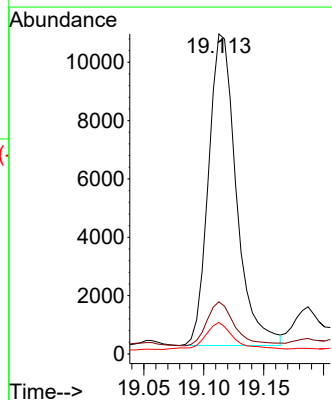
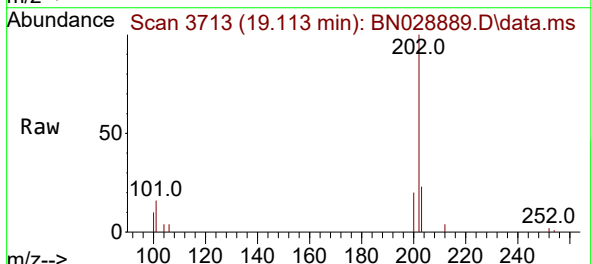
Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

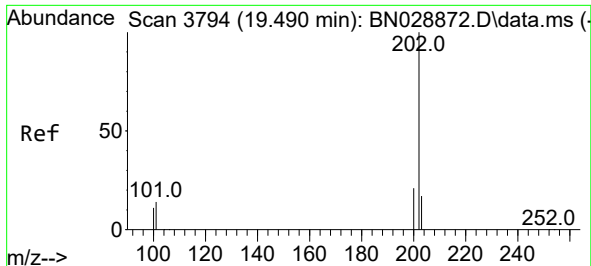
Tgt Ion:178 Resp: 5252
 Ion Ratio Lower Upper
 178 100
 179 27.2 12.6 18.8#
 176 23.3 14.9 22.3#



#19
 Fluoranthene
 Concen: 0.300 ng/ul
 RT: 19.113 min Scan# 3713
 Delta R.T. -0.010 min
 Lab File: BN028889.D
 Acq: 27 Nov 2023 21:22

Tgt Ion:202 Resp: 17254
 Ion Ratio Lower Upper
 202 100
 101 16.3 9.5 14.3#
 100 9.8 7.2 10.8

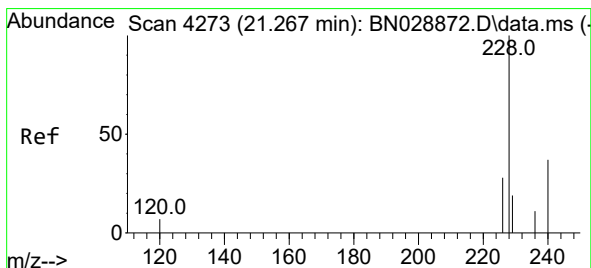
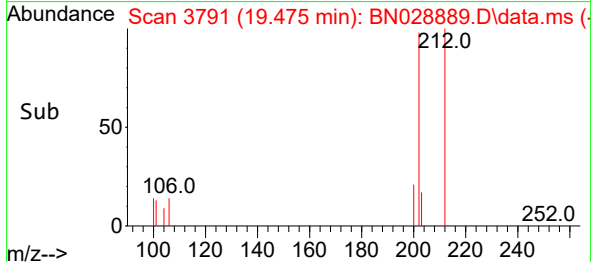
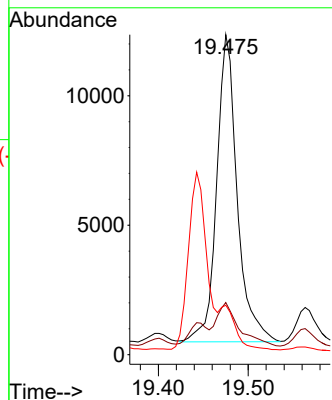
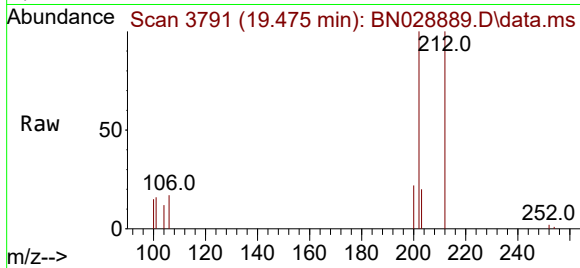




#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.475 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

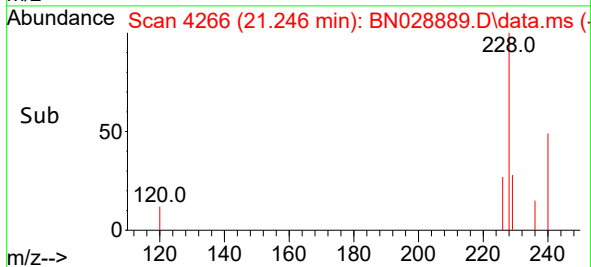
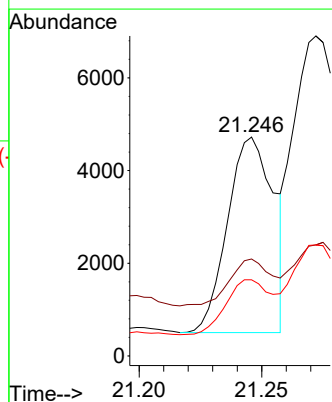
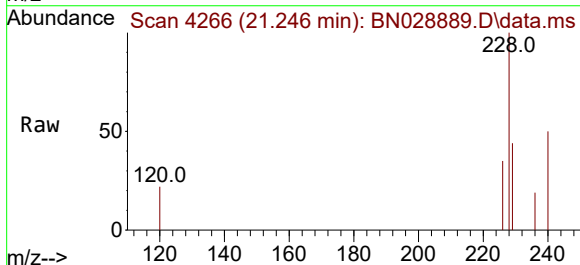
Instrument :
BNA_N
ClientSampleId :
C0AB2

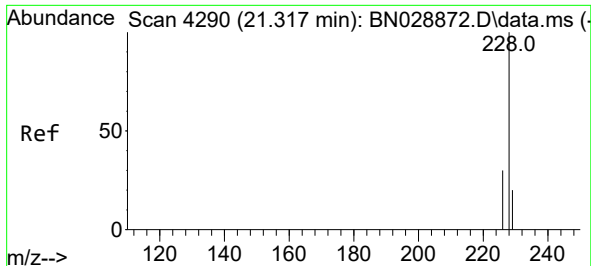
Tgt Ion:202 Resp: 18808
Ion Ratio Lower Upper
202 100
101 16.3 10.3 15.5#
100 15.4 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.103 ng/ul
RT: 21.246 min Scan# 4266
Delta R.T. -0.010 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

Tgt Ion:228 Resp: 5523
Ion Ratio Lower Upper
228 100
229 44.3 15.7 23.5#
226 34.8 21.4 32.0#





#22

Chrysene

Concen: 0.235 ng/ul

RT: 21.295 min Scan# 41

Delta R.T. -0.010 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

Instrument :

BNA_N

ClientSampleId :

C0AB2

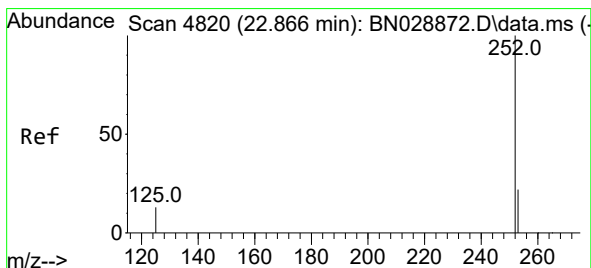
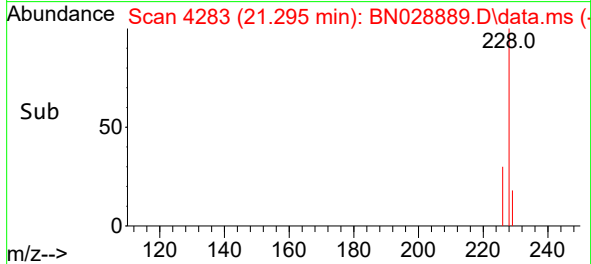
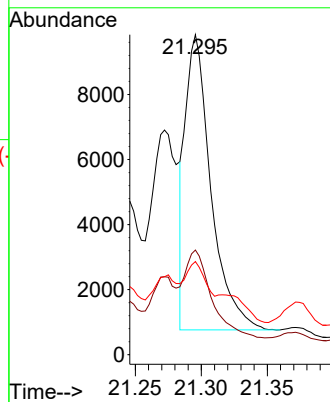
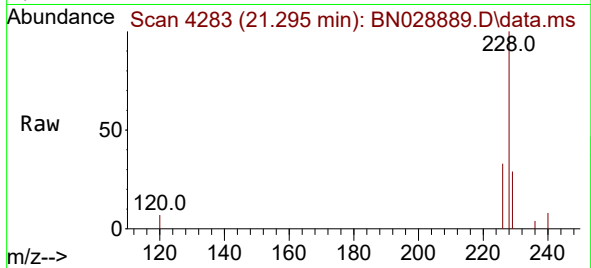
Tgt Ion:228 Resp: 12279

Ion Ratio Lower Upper

228 100

226 32.7 23.8 35.8

229 29.1 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.122 ng/ul

RT: 22.847 min Scan# 4814

Delta R.T. -0.007 min

Lab File: BN028889.D

Acq: 27 Nov 2023 21:22

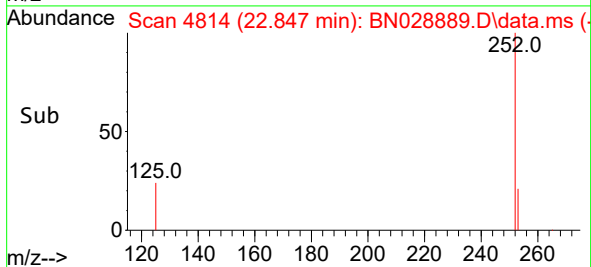
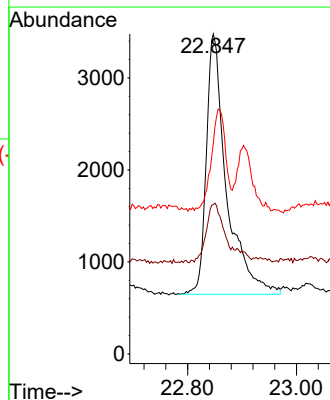
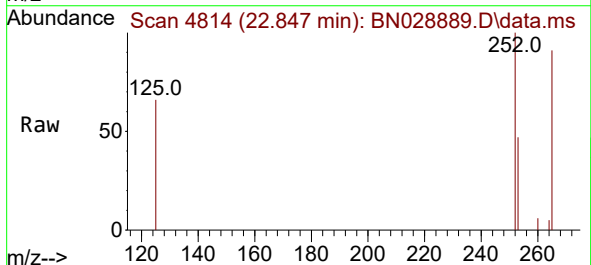
Tgt Ion:252 Resp: 7297

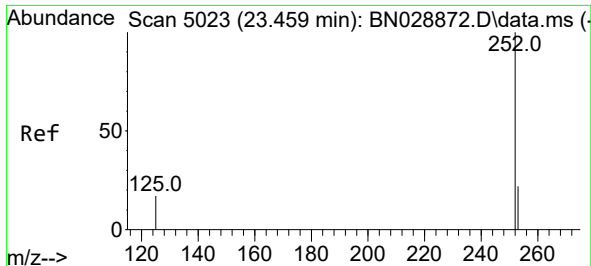
Ion Ratio Lower Upper

252 100

253 46.7 0.0 46.6#

125 65.8 0.0 27.6#

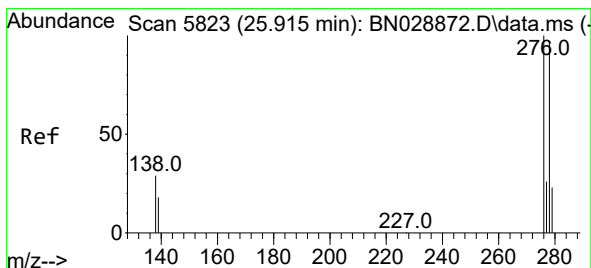
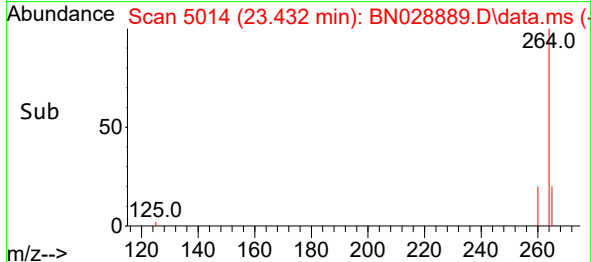
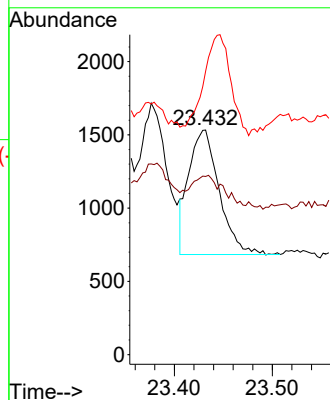
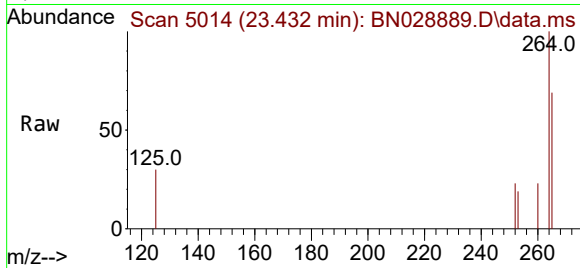




#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.432 min Scan# 5023
Delta R.T. -0.012 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

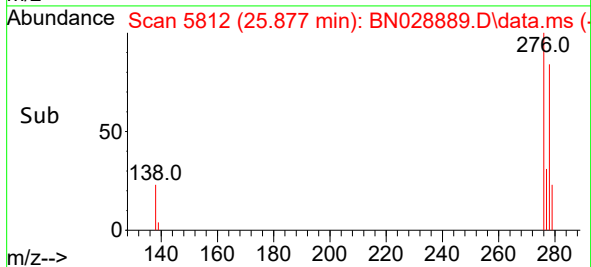
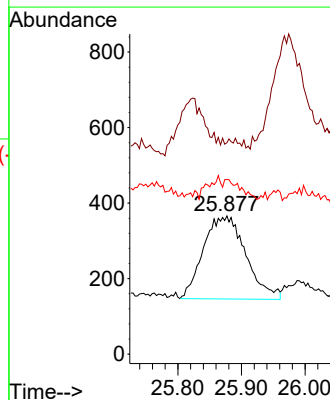
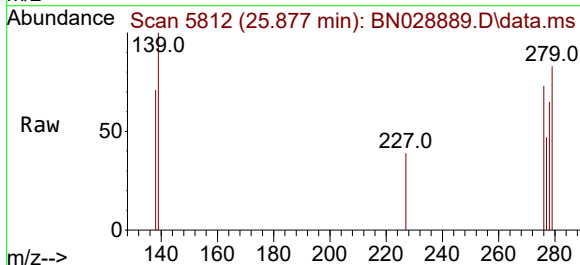
Instrument :
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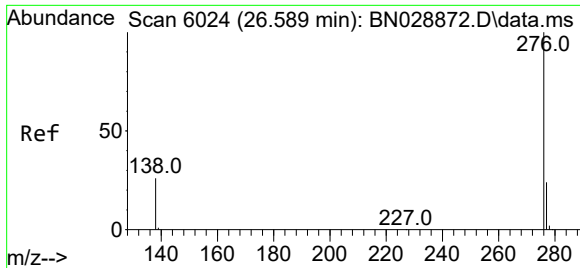
Tgt Ion:252 Resp: 1842
Ion Ratio Lower Upper
252 100
253 79.3 19.0 28.6#
125 126.2 13.2 19.8#



#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 25.877 min Scan# 5812
Delta R.T. -0.021 min
Lab File: BN028889.D
Acq: 27 Nov 2023 21:22

Tgt Ion:278 Resp: 1017
Ion Ratio Lower Upper
278 100
139 153.0 18.2 27.4#
279 126.5 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.081 ng/ul
 RT: 26.571 min Scan# 6019
 Delta R.T. -0.007 min
 Lab File: BN028889.D
 Acq: 27 Nov 2023 21:22

Instrument :
 BNA_N
 ClientSampleId :
 C0AB2

Tgt Ion:276 Resp: 4177
 Ion Ratio Lower Upper
 276 100
 138 48.0 20.5 30.7#
 277 36.0 19.4 29.0#

