

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028894.D
 Acq On : 28 Nov 2023 00:21
 Operator : MA/JU
 Sample : 05416-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK2

Quant Time: Nov 28 04:31:46 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

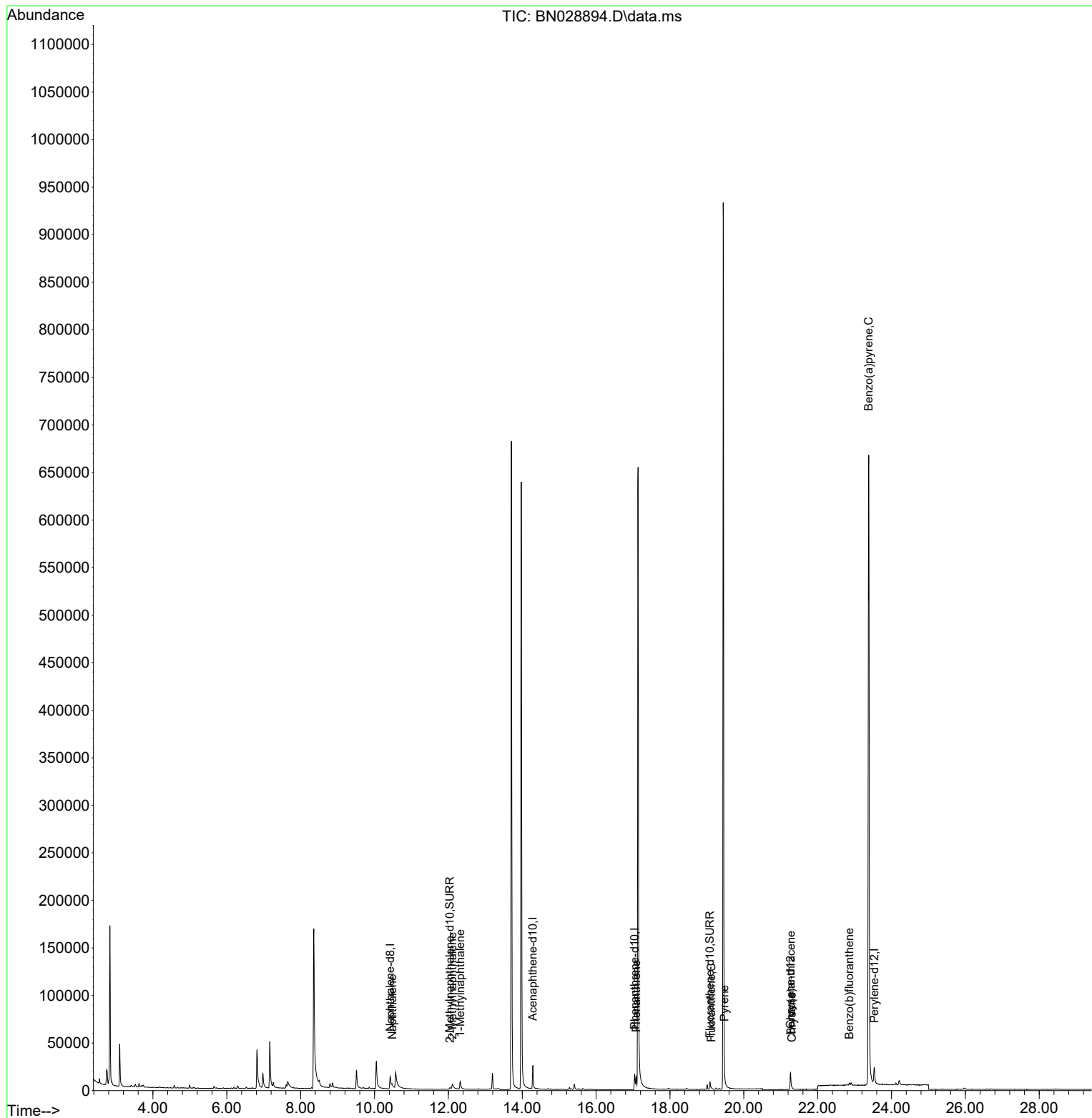
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.74
4) Naphthalene-d8	10.424	136	30348	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.288	164	14147	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.043	188	24368	0.400	ng/ul	-0.02
17) Chrysene-d12	21.263	240	19293	0.400	ng/ul	0.00
23) Perylene-d12	23.531	264	23812	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	29226	0.000	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	4406	0.096	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	9745	0.157	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.479	128	9207	0.108	ng/ul#	92
7) 2-Methylnaphthalene	12.112	142	6913	0.123	ng/ul	98
8) 1-Methylnaphthalene	12.321	142	7685	0.135	ng/ul	99
15) Phenanthrene	17.085	178	16451	0.220	ng/ul	97
19) Fluoranthene	19.117	202	1840	0.022	ng/ul#	62
20) Pyrene	19.475	202	1978	0.023	ng/ul#	43
21) Benzo(a)anthracene	21.275	228	1728	0.023	ng/ul#	65
22) Chrysene	21.301	228	1930	0.026	ng/ul#	81
24) Benzo(b)fluoranthene	22.853	252	1830	0.020	ng/ul#	1
26) Benzo(a)pyrene	23.382	252	3640	0.043	ng/ul#	11

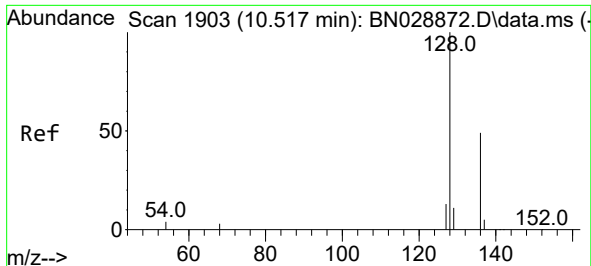
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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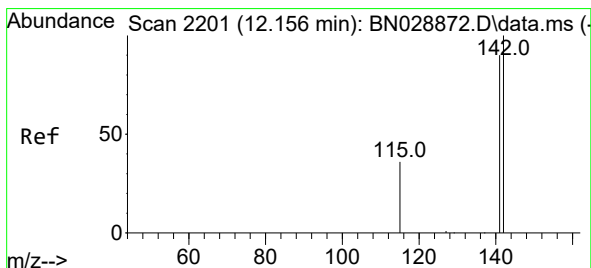
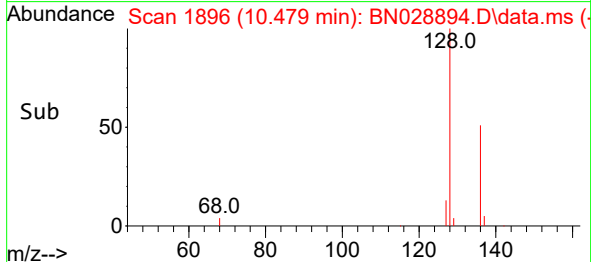
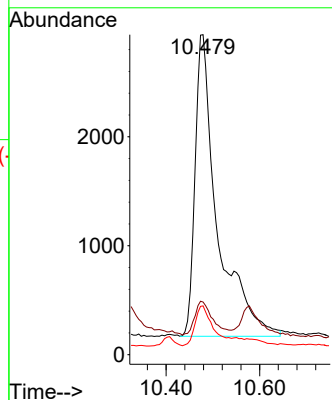
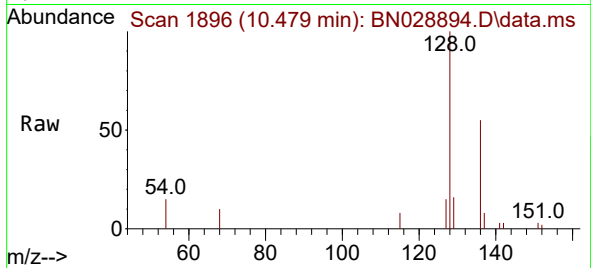




#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.479 min Scan# 11
Delta R.T. -0.027 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

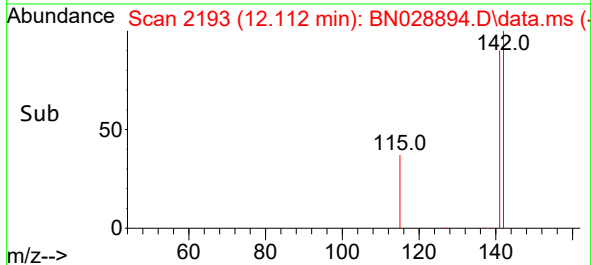
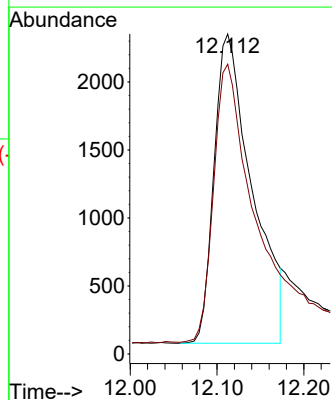
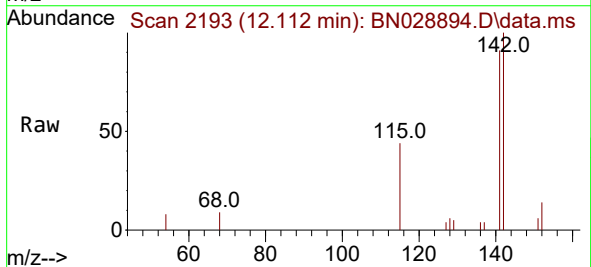
Instrument :
BNA_N
ClientSampleId :
C0AK2

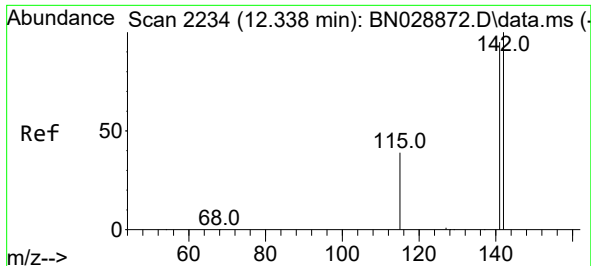
Tgt Ion:128 Resp: 9207
Ion Ratio Lower Upper
128 100
129 16.5 9.2 13.8#
127 15.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.112 min Scan# 2193
Delta R.T. -0.027 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

Tgt Ion:142 Resp: 6913
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2

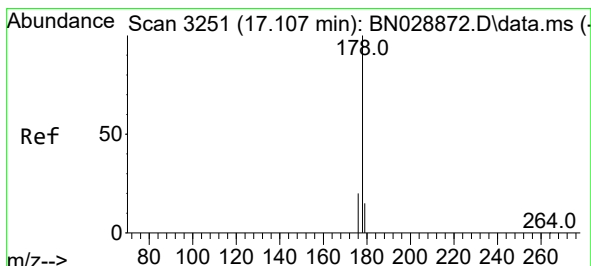
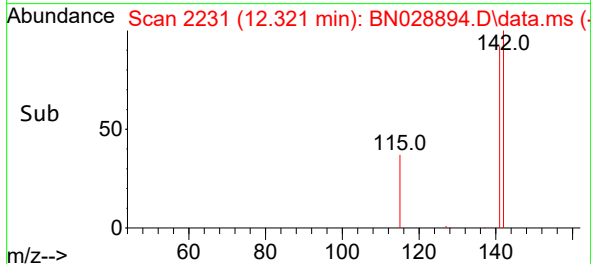
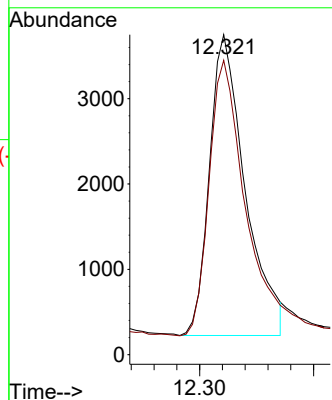
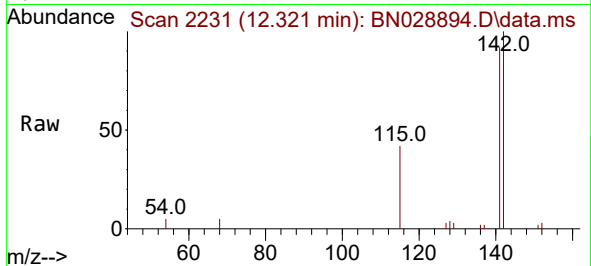




#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.321 min Scan# 211
Delta R.T. -0.016 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

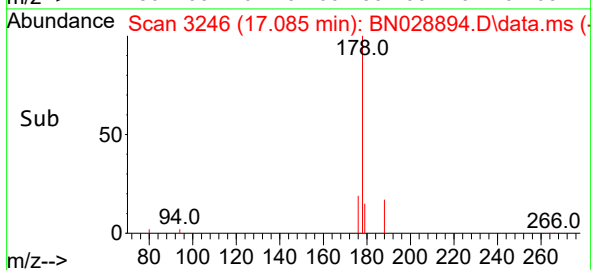
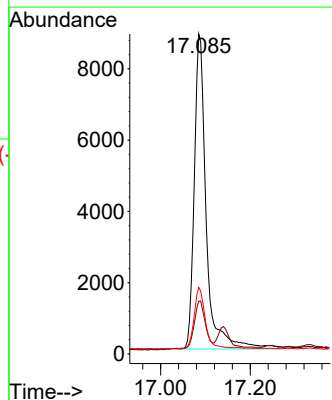
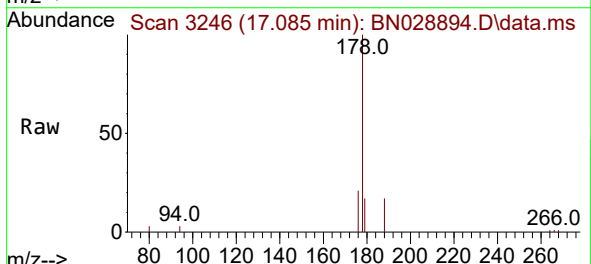
Instrument :
BNA_N
ClientSampleId :
C0AK2

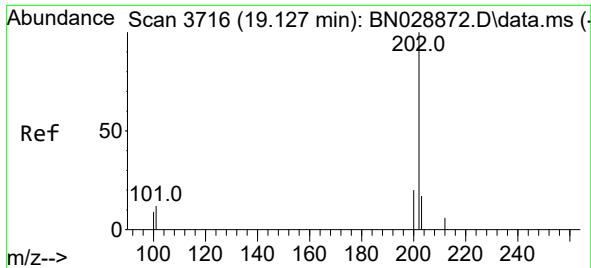
Tgt Ion:142 Resp: 7685
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1



#15
Phenanthrene
Concen: 0.220 ng/ul
RT: 17.085 min Scan# 3246
Delta R.T. -0.018 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

Tgt Ion:178 Resp: 16451
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 20.8 15.4 23.2

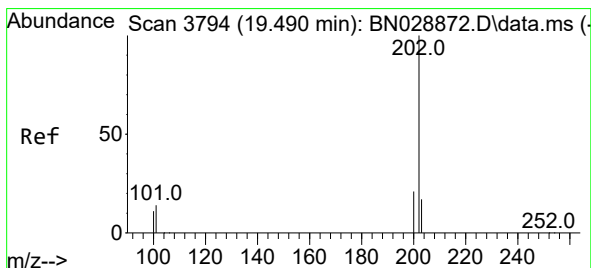
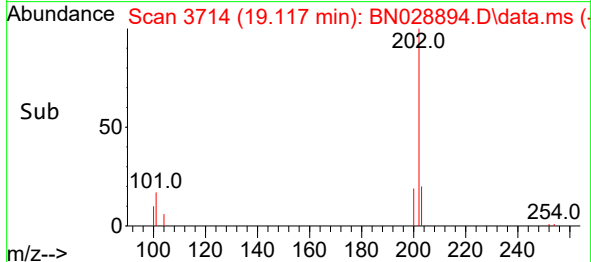
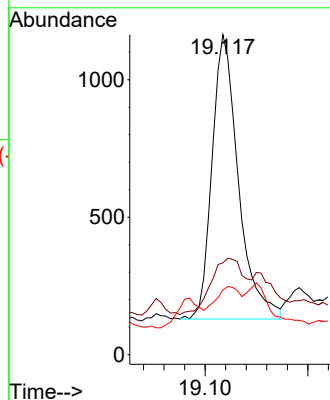
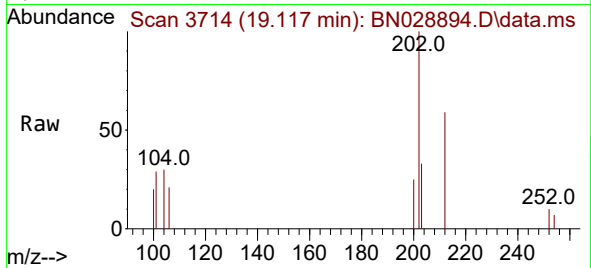




#19
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.117 min Scan# 3716
Delta R.T. -0.005 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

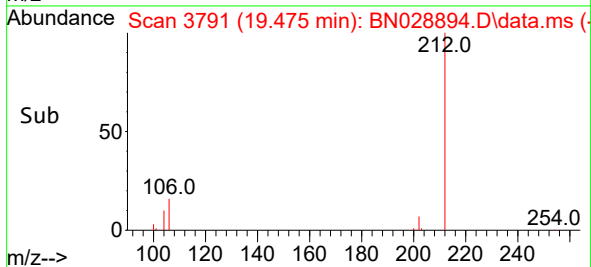
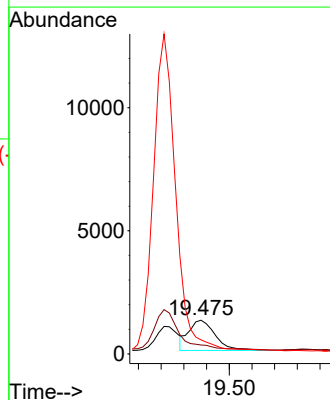
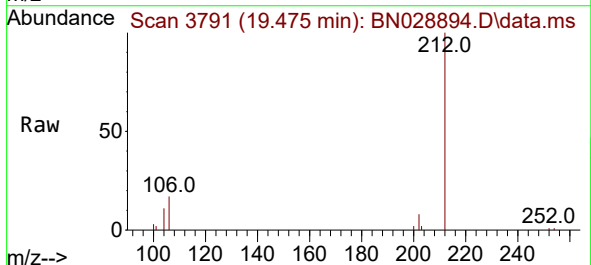
Instrument :
BNA_N
ClientSampleId :
C0AK2

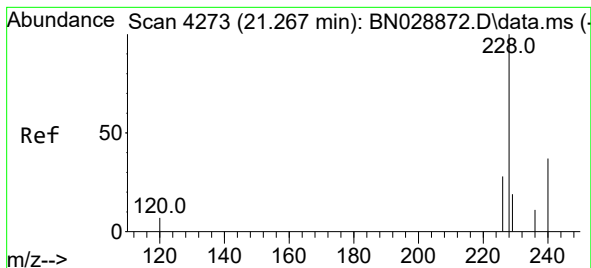
Tgt Ion:202 Resp: 1840
Ion Ratio Lower Upper
202 100
101 28.7 9.5 14.3#
100 20.2 7.2 10.8#



#20
Pyrene
Concen: 0.023 ng/ul
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

Tgt Ion:202 Resp: 1978
Ion Ratio Lower Upper
202 100
101 26.8 10.3 15.5#
100 41.9 8.2 12.2#





#21

Benzo(a)anthracene

Concen: 0.023 ng/ul

RT: 21.275 min Scan# 41

Delta R.T. 0.020 min

Lab File: BN028894.D

Acq: 28 Nov 2023 00:21

Instrument :

BNA_N

ClientSampleId :

C0AK2

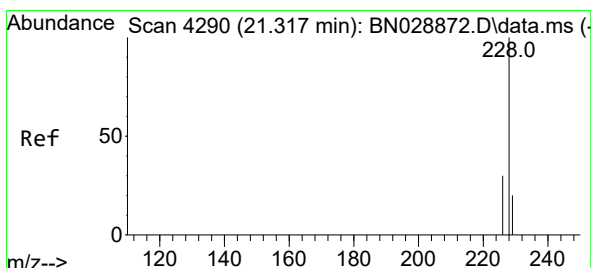
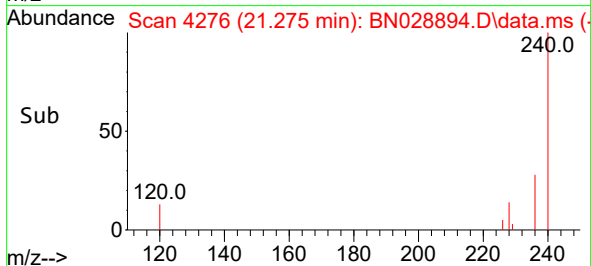
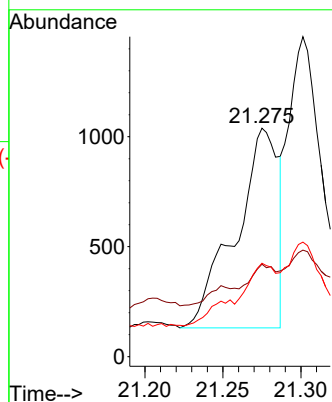
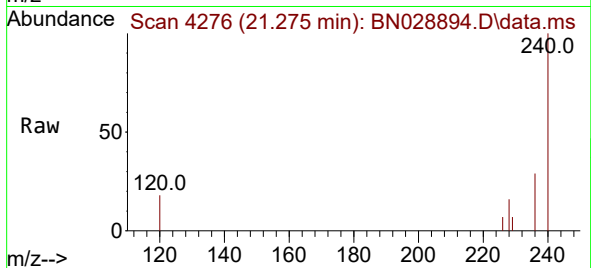
Tgt Ion:228 Resp: 1728

Ion Ratio Lower Upper

228 100

229 40.4 15.7 23.5#

226 40.9 21.4 32.0#



#22

Chrysene

Concen: 0.026 ng/ul

RT: 21.301 min Scan# 4285

Delta R.T. -0.004 min

Lab File: BN028894.D

Acq: 28 Nov 2023 00:21

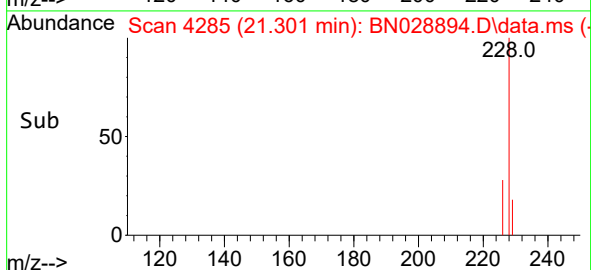
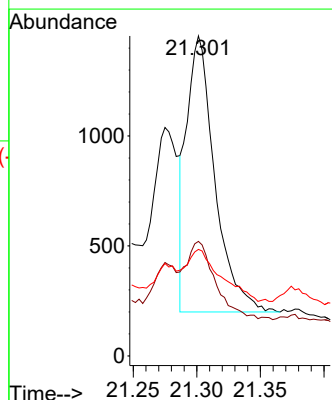
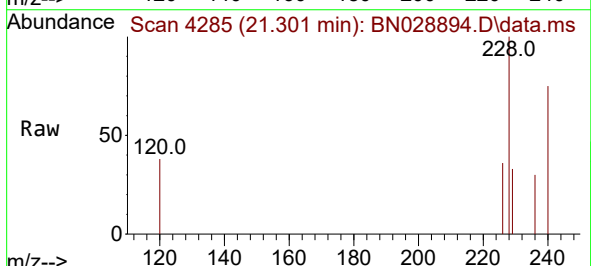
Tgt Ion:228 Resp: 1930

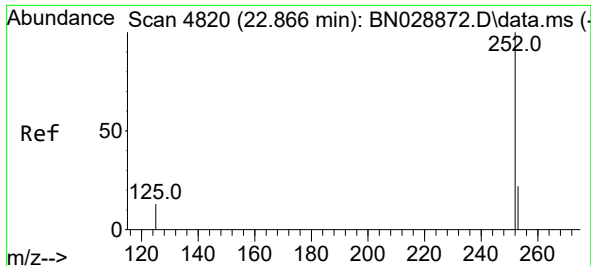
Ion Ratio Lower Upper

228 100

226 35.8 23.8 35.8#

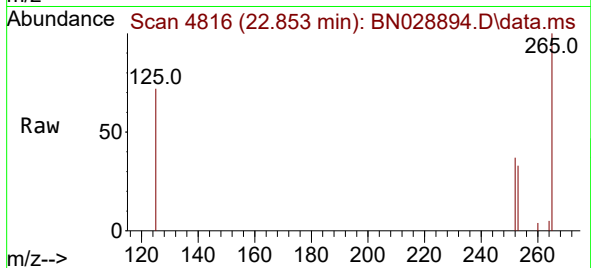
229 33.3 15.4 23.2#



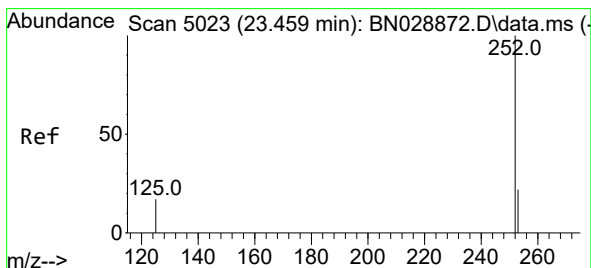
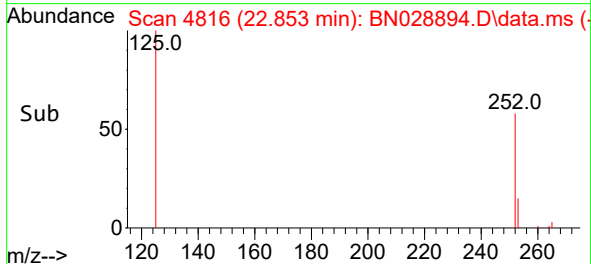
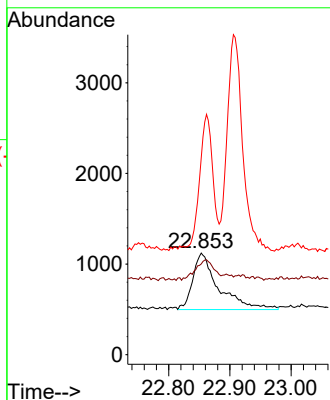


#24
Benzo(b)fluoranthene
Concen: 0.020 ng/ul
RT: 22.853 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

Instrument :
BNA_N
ClientSampleId :
C0AK2



Tgt Ion:252 Resp: 1830
Ion Ratio Lower Upper
252 100
253 89.3 0.0 46.6#
125 193.7 0.0 27.6#



#26
Benzo(a)pyrene
Concen: 0.043 ng/ul
RT: 23.382 min Scan# 4997
Delta R.T. -0.062 min
Lab File: BN028894.D
Acq: 28 Nov 2023 00:21

Tgt Ion:252 Resp: 3640
Ion Ratio Lower Upper
252 100
253 59.6 19.0 28.6#
125 64.3 13.2 19.8#

