

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028892.D
 Acq On : 27 Nov 2023 23:10
 Operator : MA/JU
 Sample : 05416-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC0

Quant Time: Nov 28 04:31:27 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)

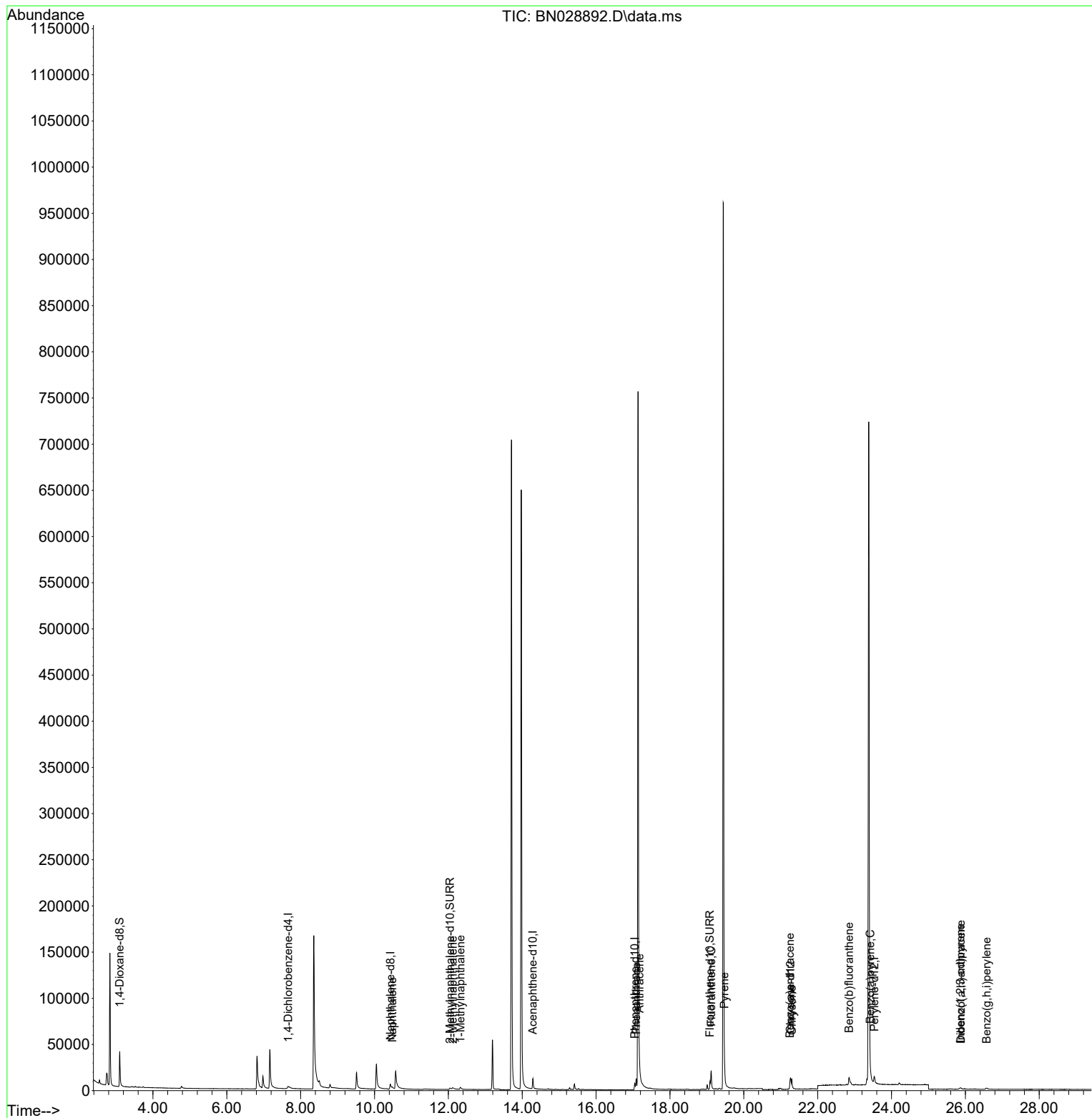
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	2889	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.429	136	13254	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	6579	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.047	188	11148	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.263	240	8900	0.400	ng/ul	# 0.00
23) Perylene-d12	23.531	264	11726	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	24296	7.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	3952	0.198	ng/ul	-0.03
18) Fluoranthene-d10	19.084	212	10277	0.359	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.479	128	3959	0.107	ng/ul#	82
7) 2-Methylnaphthalene	12.123	142	2278	0.093	ng/ul	98
8) 1-Methylnaphthalene	12.326	142	2234	0.090	ng/ul	99
15) Phenanthrene	17.089	178	15103	0.441	ng/ul	97
16) Anthracene	17.174	178	1464	0.047	ng/ul#	52
19) Fluoranthene	19.117	202	20502	0.542	ng/ul	99
20) Pyrene	19.475	202	13966	0.356	ng/ul#	89
21) Benzo(a)anthracene	21.246	228	6029	0.171	ng/ul#	85
22) Chrysene	21.298	228	10280	0.299	ng/ul#	92
24) Benzo(b)fluoranthene	22.850	252	17424	0.396	ng/ul#	69
26) Benzo(a)pyrene	23.429	252	1441	0.035	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.863	276	2817	0.061	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.877	278	1236	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	26.571	276	3071	0.081	ng/ul#	63

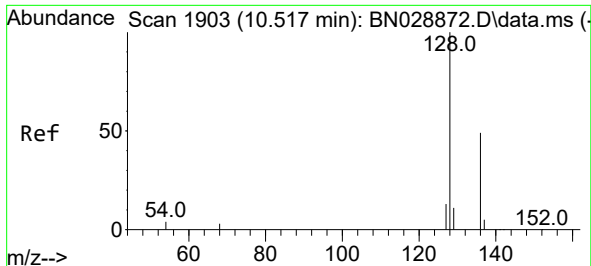
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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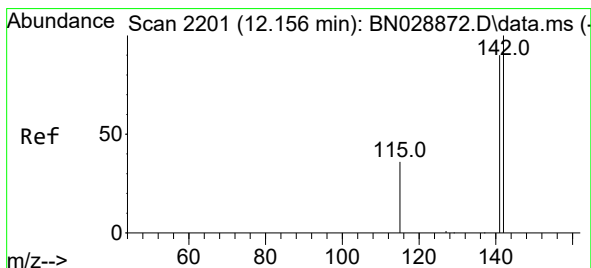
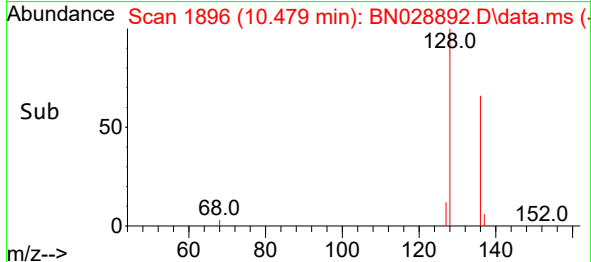
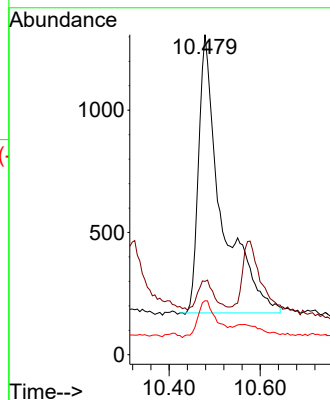
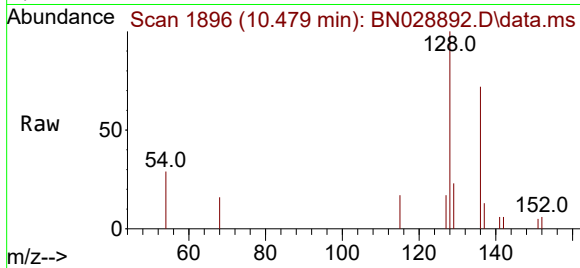




#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.479 min Scan# 1896
Delta R.T. -0.028 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

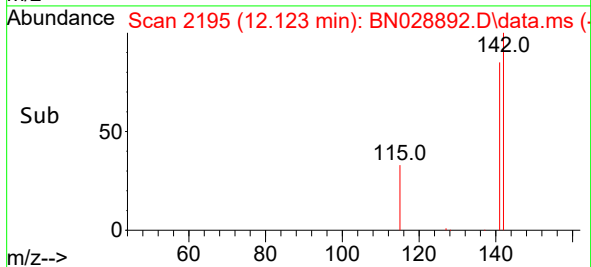
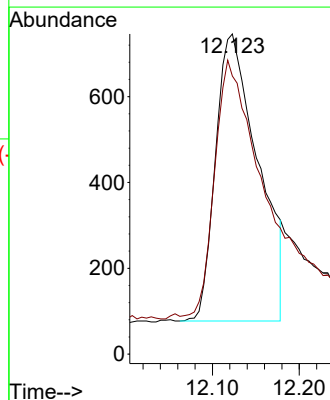
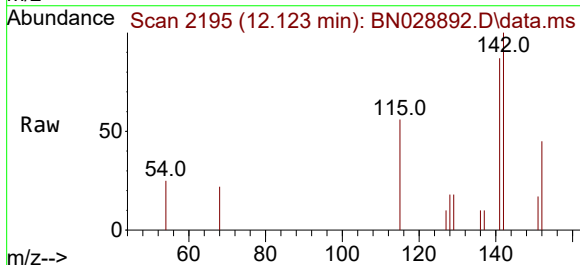
Instrument :
BNA_N
ClientSampleId :
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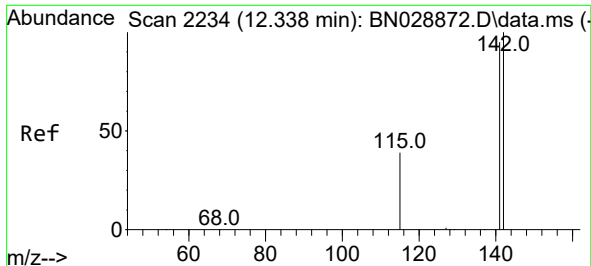
Tgt Ion:128 Resp: 3959
Ion Ratio Lower Upper
128 100
129 22.9 9.2 13.8#
127 16.9 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.123 min Scan# 2195
Delta R.T. -0.017 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

Tgt Ion:142 Resp: 2278
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2

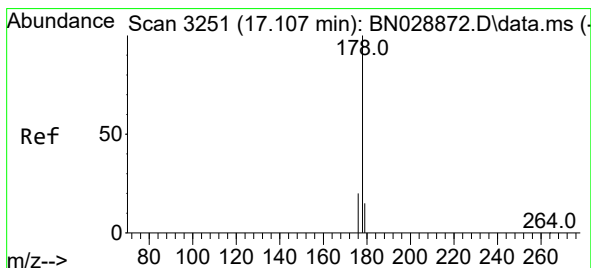
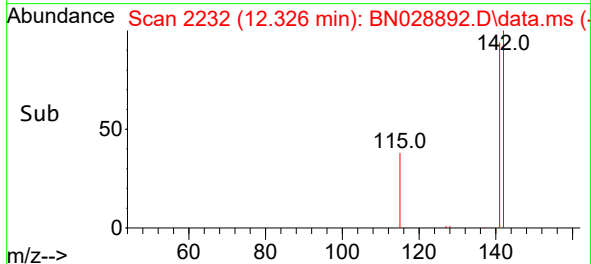
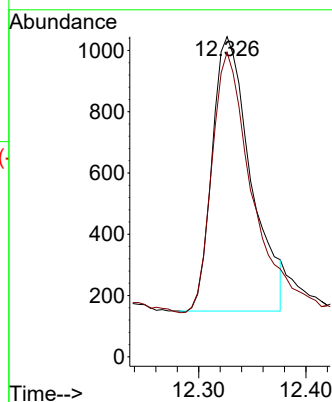
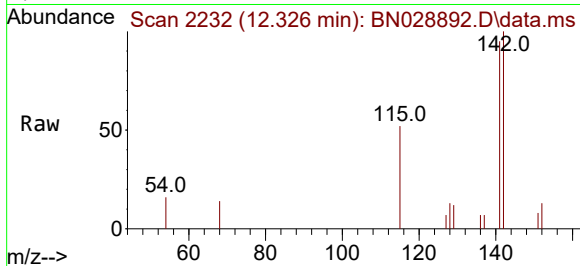




#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.326 min Scan# 211
Delta R.T. -0.011 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

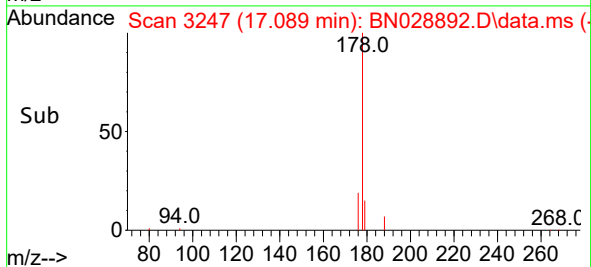
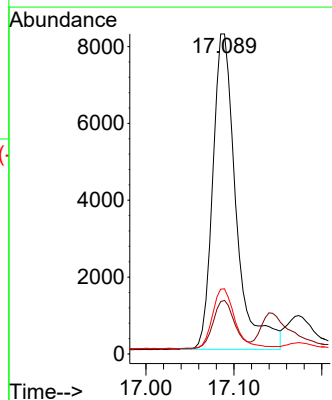
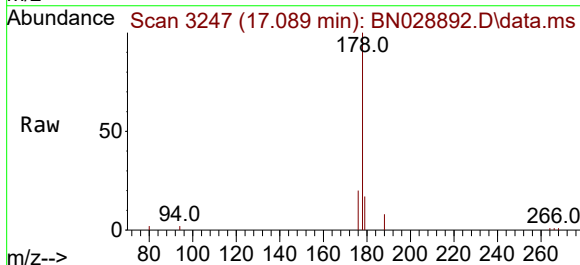
Instrument :
BNA_N
ClientSampleId :
C0AC0

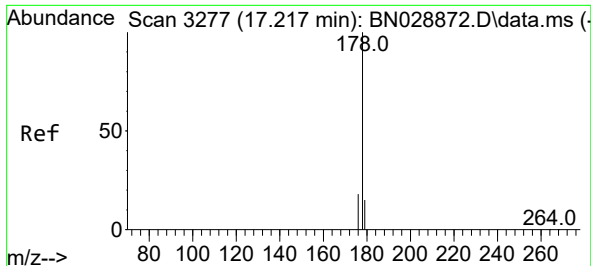
Tgt Ion:142 Resp: 2234
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1



#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.089 min Scan# 3247
Delta R.T. -0.014 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

Tgt Ion:178 Resp: 15103
Ion Ratio Lower Upper
178 100
179 16.7 12.4 18.6
176 20.4 15.4 23.2

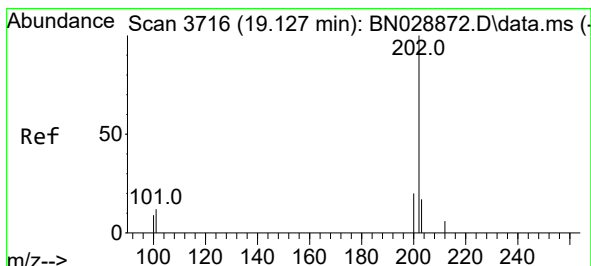
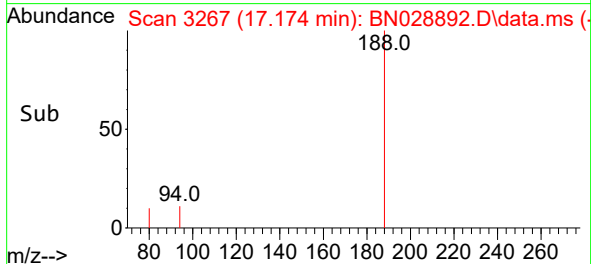
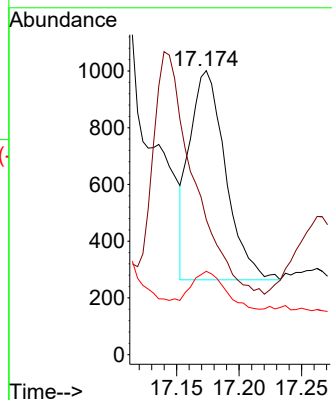
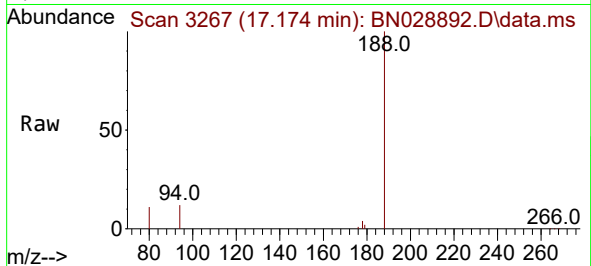




#16
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.174 min Scan# 31
 Delta R.T. -0.031 min
 Lab File: BN028892.D
 Acq: 27 Nov 2023 23:10

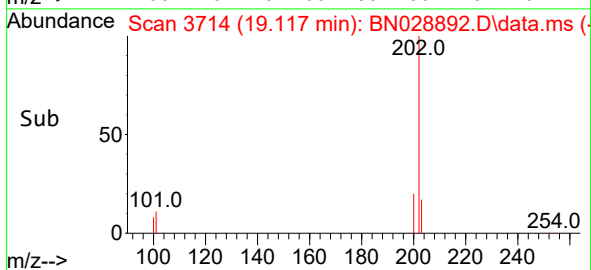
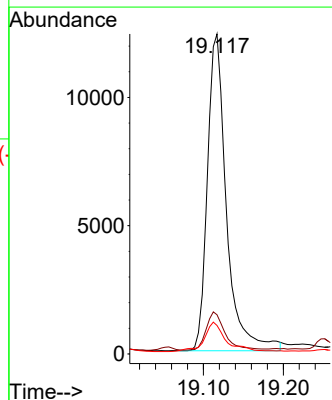
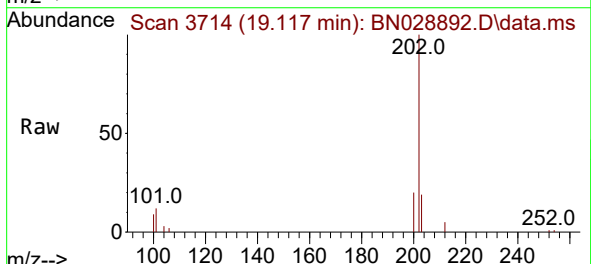
Instrument :
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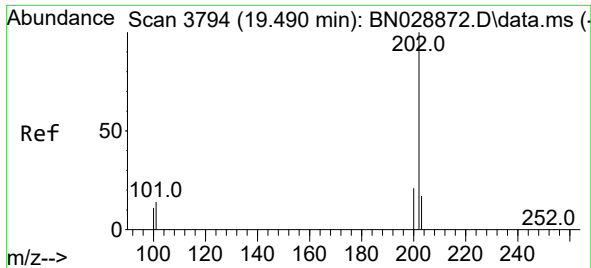
Tgt Ion:178 Resp: 1464
 Ion Ratio Lower Upper
 178 100
 179 47.6 12.6 18.8#
 176 29.4 14.9 22.3#



#19
 Fluoranthene
 Concen: 0.542 ng/ul
 RT: 19.117 min Scan# 3714
 Delta R.T. -0.006 min
 Lab File: BN028892.D
 Acq: 27 Nov 2023 23:10

Tgt Ion:202 Resp: 20502
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.5 14.3
 100 8.9 7.2 10.8

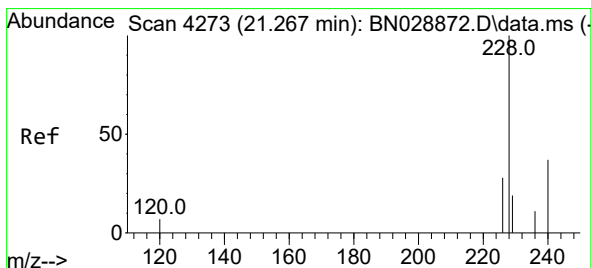
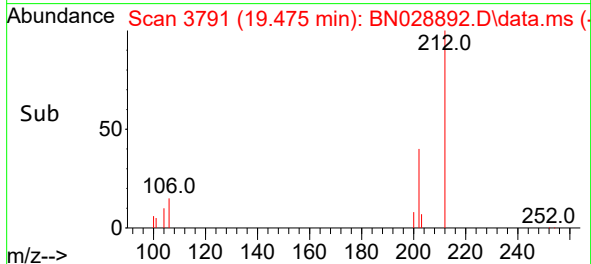
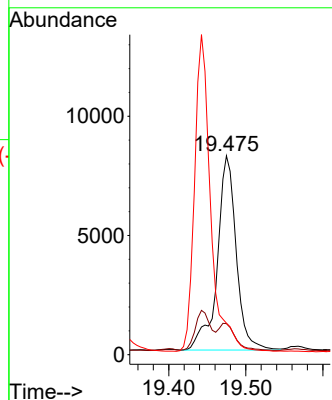
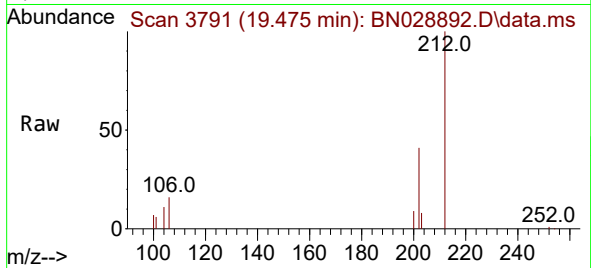




#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.475 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

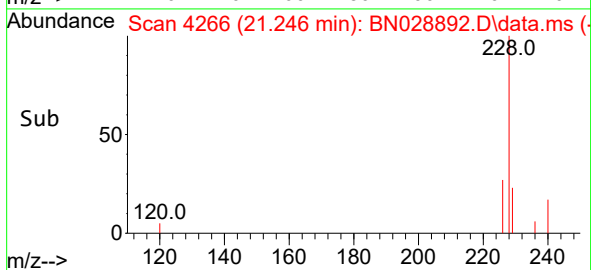
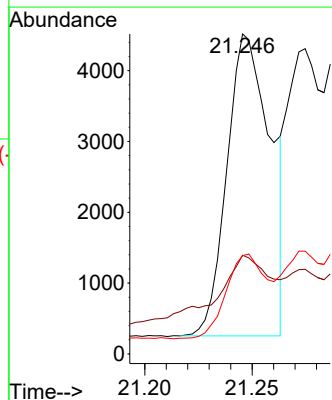
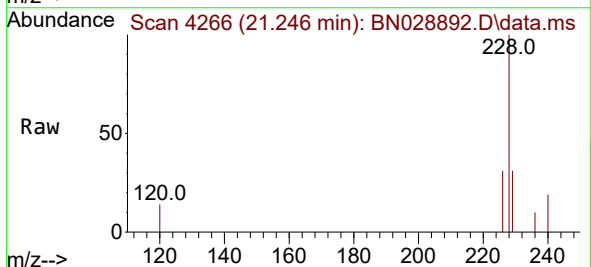
Instrument :
BNA_N
ClientSampleId :
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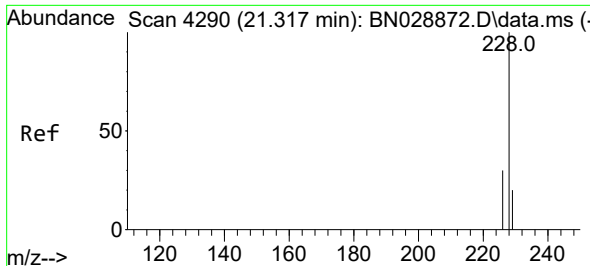
Tgt Ion:202 Resp: 13966
Ion Ratio Lower Upper
202 100
101 15.6 10.3 15.5#
100 15.9 8.2 12.2#



#21
Benzo(a)anthracene
Concen: 0.171 ng/ul
RT: 21.246 min Scan# 4266
Delta R.T. -0.010 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

Tgt Ion:228 Resp: 6029
Ion Ratio Lower Upper
228 100
229 30.8 15.7 23.5#
226 30.7 21.4 32.0





#22

Chrysene

Concen: 0.299 ng/ul

RT: 21.298 min Scan# 41

Delta R.T. -0.007 min

Lab File: BN028892.D

Acq: 27 Nov 2023 23:10

Instrument :

BNA_N

ClientSampleId :

C0AC0

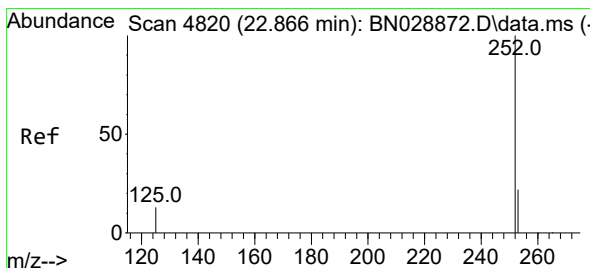
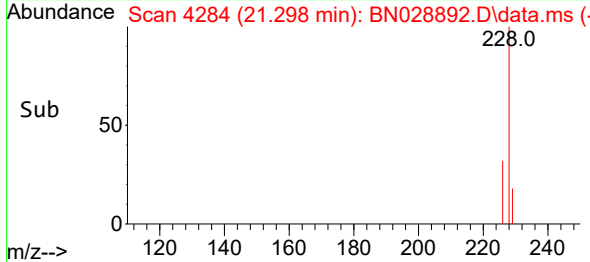
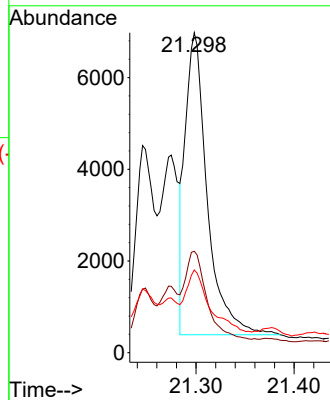
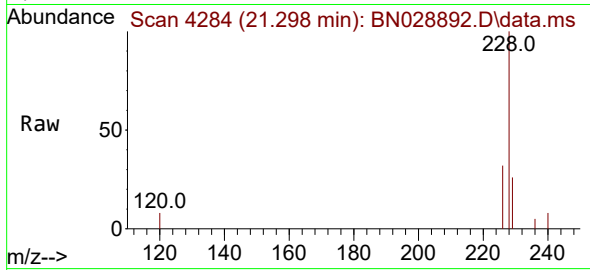
Tgt Ion:228 Resp: 10280

Ion Ratio Lower Upper

228 100

226 31.7 23.8 35.8

229 25.9 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.396 ng/ul

RT: 22.850 min Scan# 4815

Delta R.T. -0.004 min

Lab File: BN028892.D

Acq: 27 Nov 2023 23:10

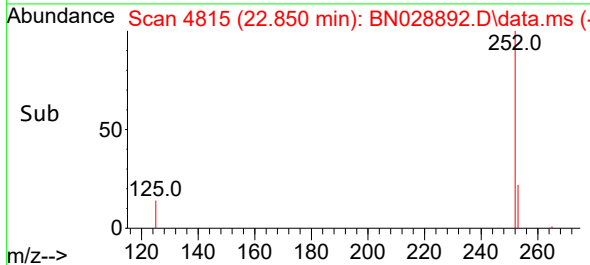
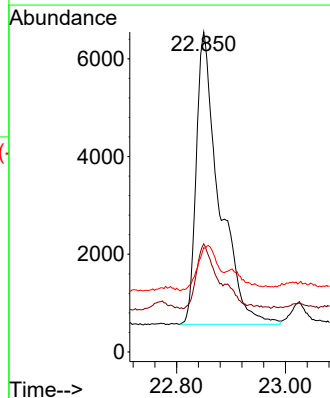
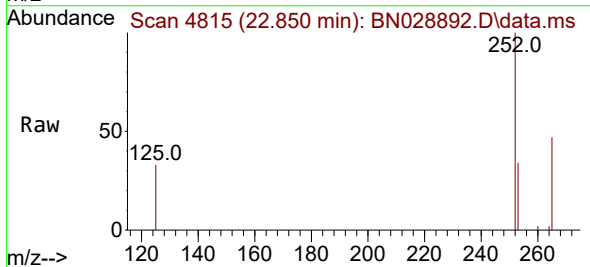
Tgt Ion:252 Resp: 17424

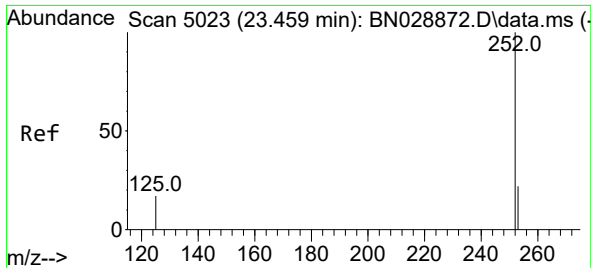
Ion Ratio Lower Upper

252 100

253 33.8 0.0 46.6

125 32.6 0.0 27.6#

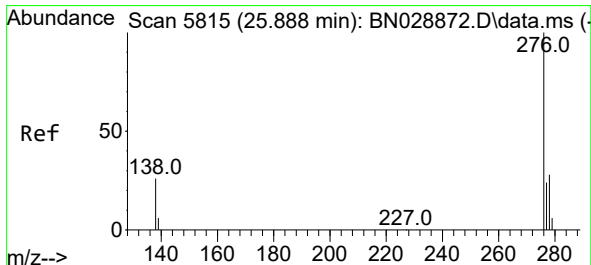
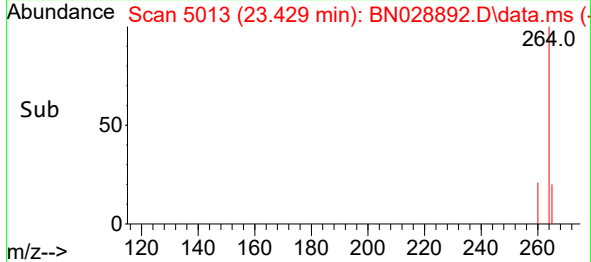
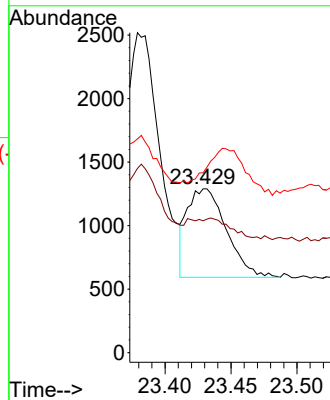
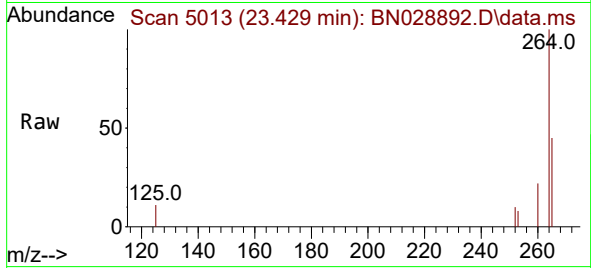




#26
Benzo(a)pyrene
Concen: 0.035 ng/ul
RT: 23.429 min Scan# 5023
Delta R.T. -0.016 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

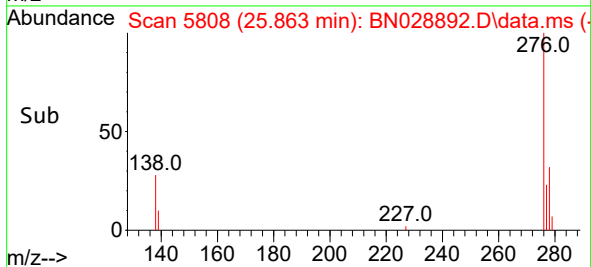
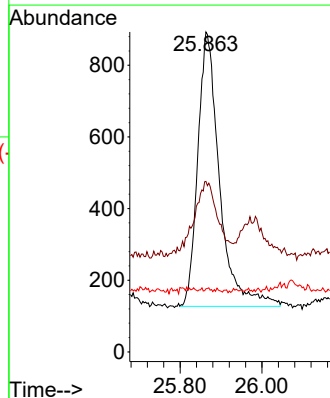
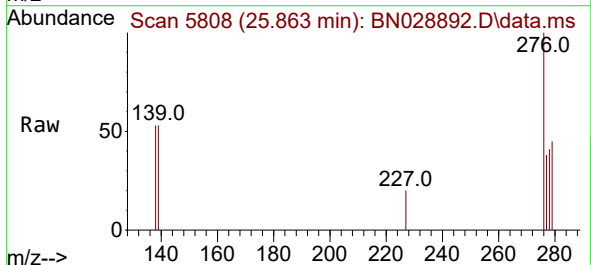
Instrument :
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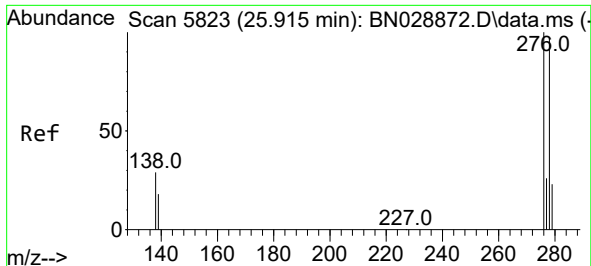
Tgt Ion:252 Resp: 1441
Ion Ratio Lower Upper
252 100
253 80.4 19.0 28.6#
125 109.8 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 25.863 min Scan# 5808
Delta R.T. -0.011 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

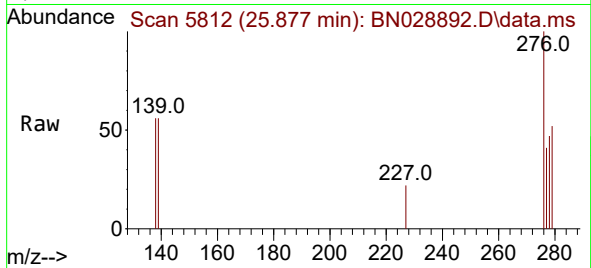
Tgt Ion:276 Resp: 2817
Ion Ratio Lower Upper
276 100
138 31.8 23.8 35.6
227 0.3 0.1 0.1#



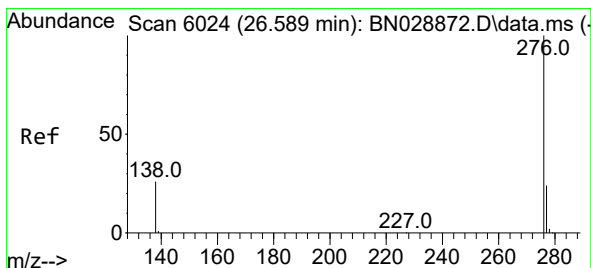
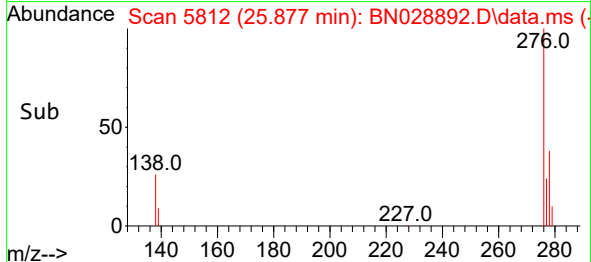
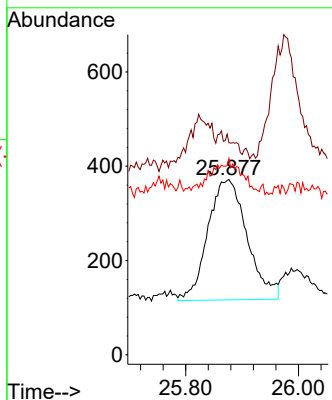


#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.877 min Scan# 5812
Delta R.T. -0.021 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

Instrument :
BNA_N
ClientSampleId :
C0AC0



Tgt Ion:278 Resp: 1236
Ion Ratio Lower Upper
278 100
139 121.0 18.2 27.4#
279 111.8 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 26.571 min Scan# 6019
Delta R.T. -0.008 min
Lab File: BN028892.D
Acq: 27 Nov 2023 23:10

Tgt Ion:276 Resp: 3071
Ion Ratio Lower Upper
276 100
138 49.0 20.5 30.7#
277 37.6 19.4 29.0#

