

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028896.D
 Acq On : 28 Nov 2023 01:33
 Operator : MA/JU
 Sample : 05416-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG6

Quant Time: Nov 28 04:32:01 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)

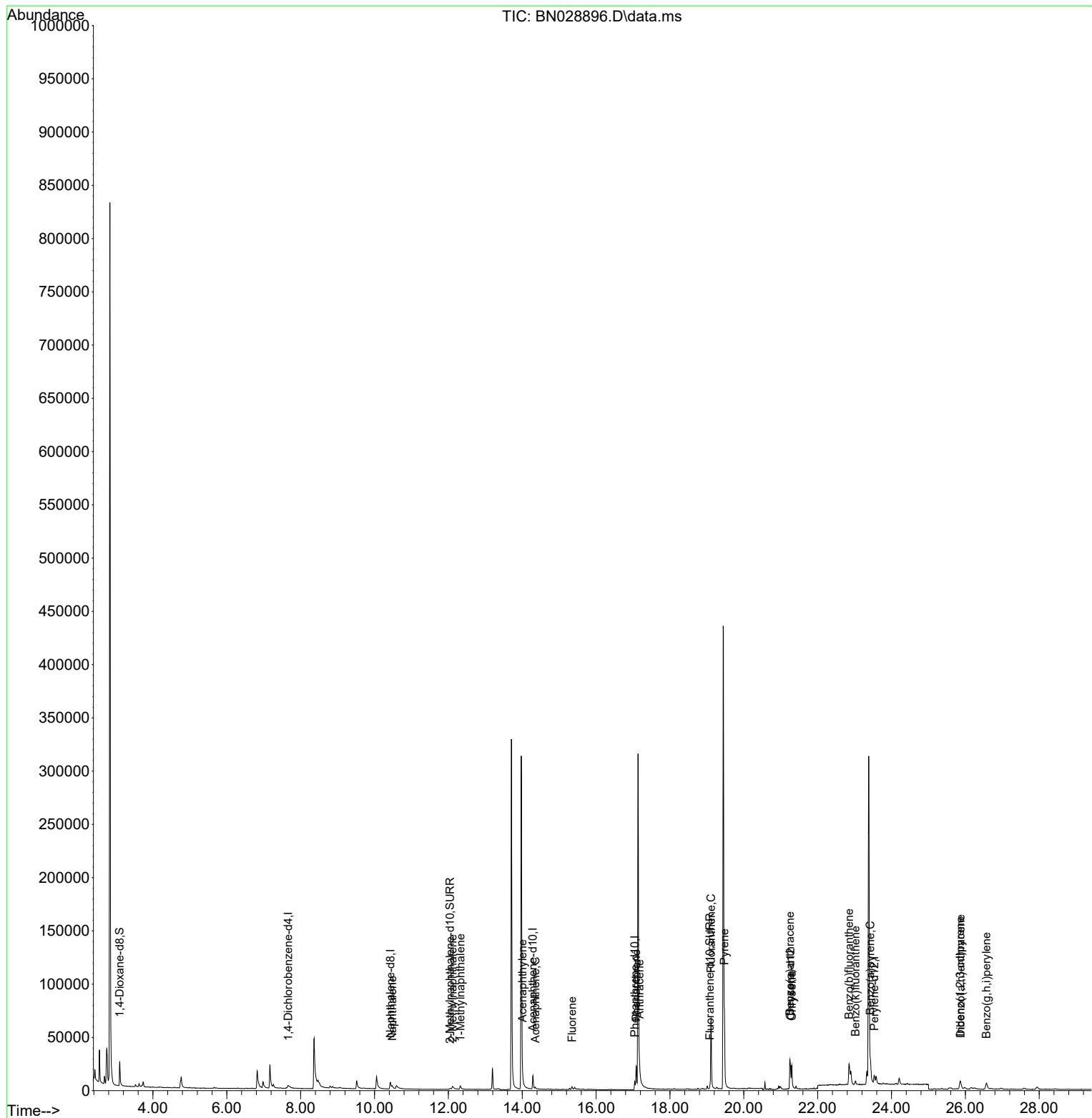
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	3346	0.400	ng/ul	#-0.08
4) Naphthalene-d8	10.429	136	15110	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	7422	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.047	188	12071	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.260	240	9423	0.400	ng/ul	# 0.00
23) Perylene-d12	23.531	264	10912	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	14992	4.054	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	2370	0.104	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	4687	0.155	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.479	128	5743	0.136	ng/ul#	89
7) 2-Methylnaphthalene	12.118	142	3691	0.132	ng/ul	97
8) 1-Methylnaphthalene	12.327	142	3103	0.110	ng/ul	100
10) Acenaphthylene	14.006	152	3671	0.099	ng/ul#	88
11) Acenaphthene	14.353	153	1173	0.043	ng/ul	93
12) Fluorene	15.348	166	2395	0.076	ng/ul#	96
15) Phenanthrene	17.085	178	28433	0.767	ng/ul	99
16) Anthracene	17.178	178	10350	0.304	ng/ul	94
19) Fluoranthene	19.113	202	66226	1.652	ng/ul	100
20) Pyrene	19.475	202	56666	1.364	ng/ul	96
21) Benzo(a)anthracene	21.246	228	29996	0.805	ng/ul	95
22) Chrysene	21.298	228	22880	0.628	ng/ul	96
24) Benzo(b)fluoranthene	22.850	252	47112	1.150	ng/ul	87
25) Benzo(k)fluoranthene	23.026	252	3205	0.075	ng/ul#	44
26) Benzo(a)pyrene	23.429	252	22464	0.581	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.860	276	15054	0.351	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.873	278	3496	0.102	ng/ul#	52
29) Benzo(g,h,i)perylene	26.568	276	14041	0.399	ng/ul	94

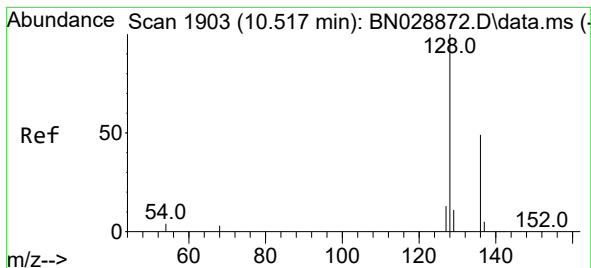
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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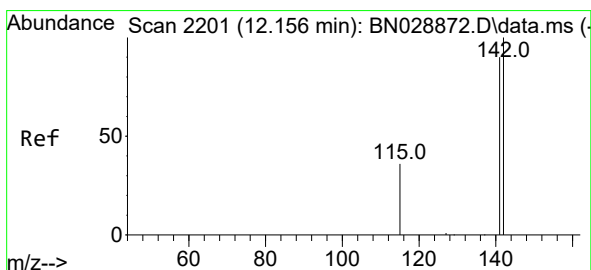
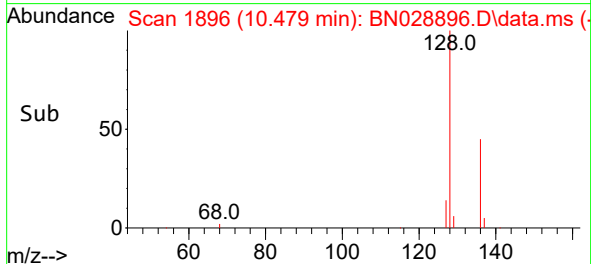
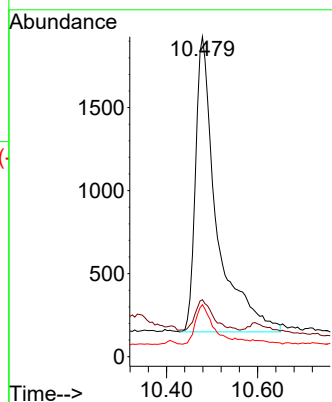
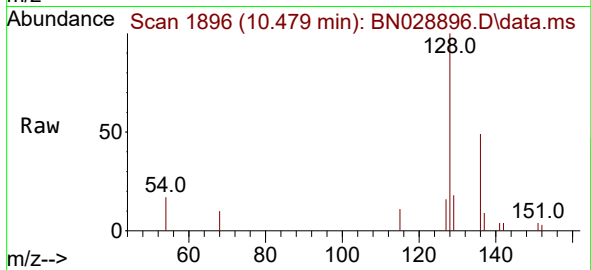




#5
Naphthalene
Concen: 0.136 ng/ul
RT: 10.479 min Scan# 1896
Delta R.T. -0.027 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

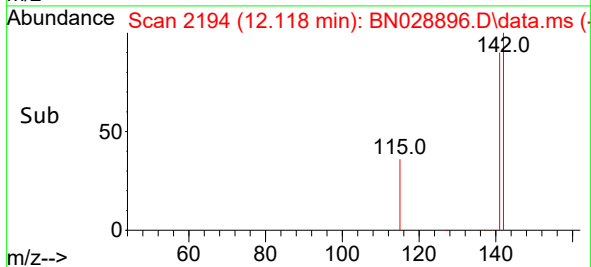
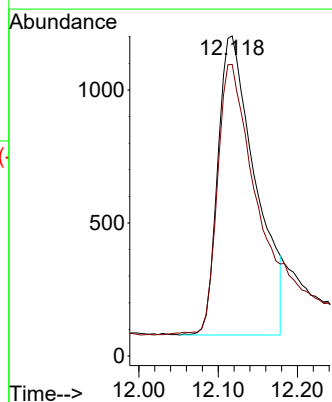
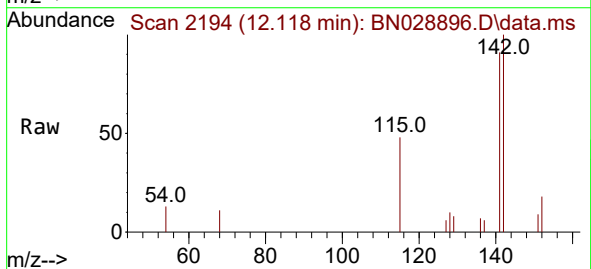
Instrument :
BNA_N
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C0AG6

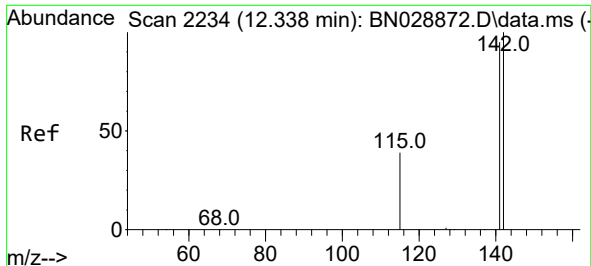
Tgt Ion:128 Resp: 5743
Ion Ratio Lower Upper
128 100
129 17.8 9.2 13.8#
127 16.2 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.118 min Scan# 2194
Delta R.T. -0.022 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Tgt Ion:142 Resp: 3691
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2

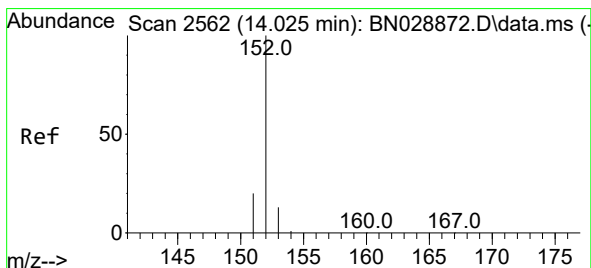
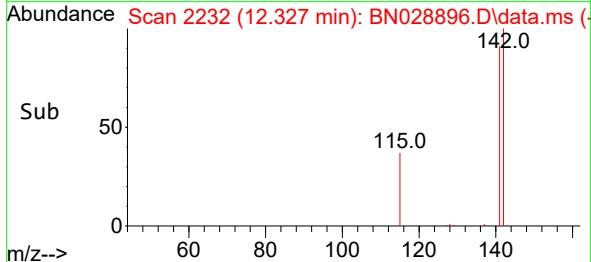
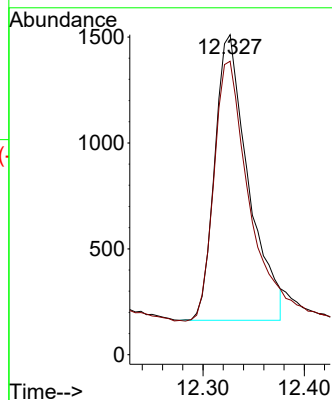
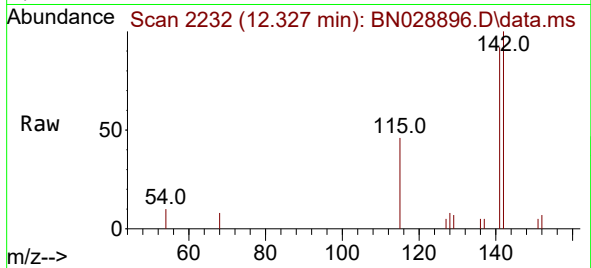




#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.327 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

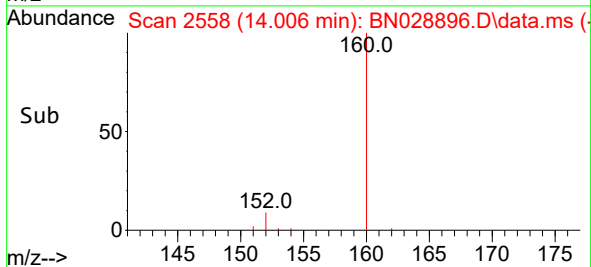
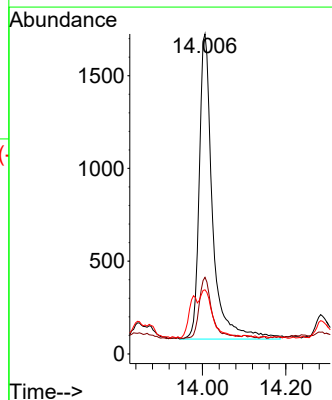
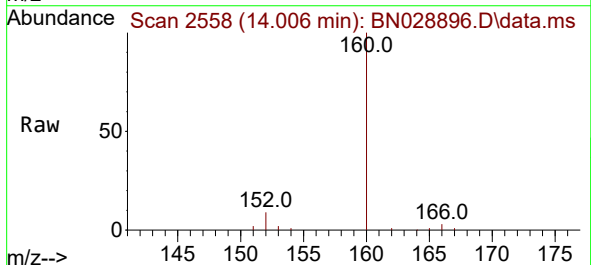
Instrument :
BNA_N
ClientSampleId :
C0AG6

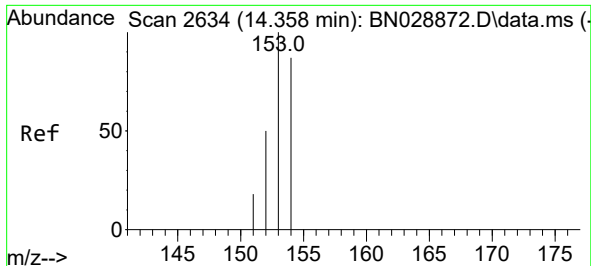
Tgt Ion:142 Resp: 3103
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1



#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.006 min Scan# 2558
Delta R.T. -0.019 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Tgt Ion:152 Resp: 3671
Ion Ratio Lower Upper
152 100
151 23.9 16.1 24.1
153 20.1 10.6 15.8#

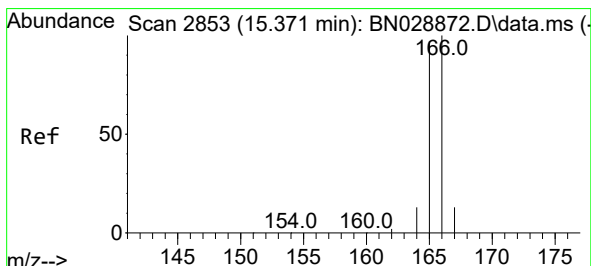
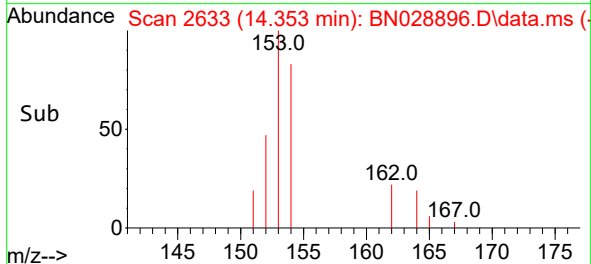
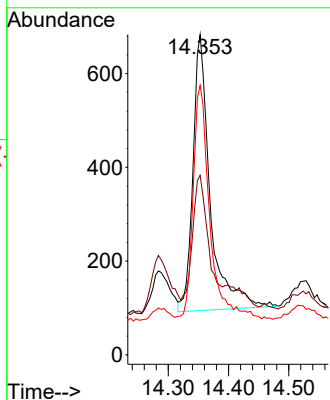
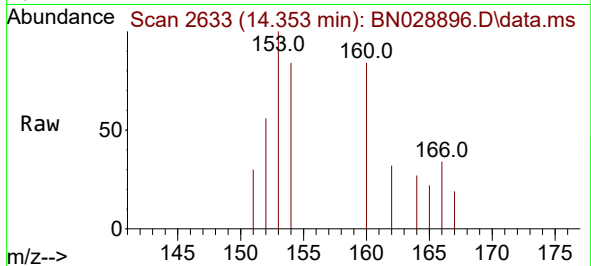




#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.353 min Scan# 2117
Delta R.T. -0.010 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

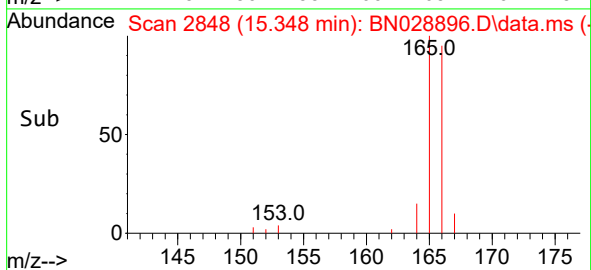
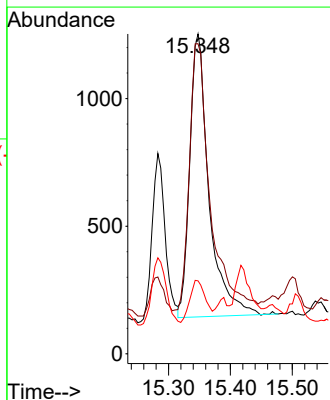
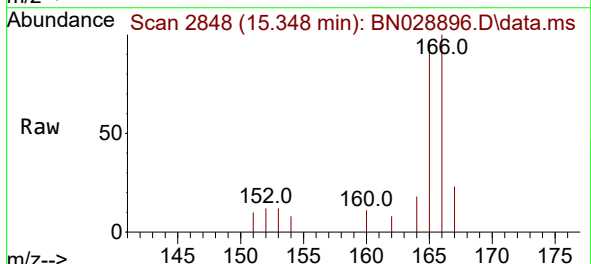
Instrument :
BNA_N
ClientSampleId :
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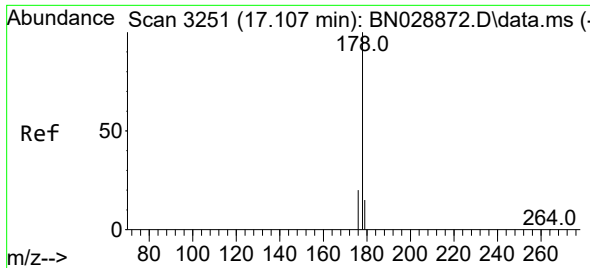
Tgt Ion:153 Resp: 1173
Ion Ratio Lower Upper
153 100
152 56.1 39.6 59.4
154 84.2 71.0 106.6



#12
Fluorene
Concen: 0.076 ng/ul
RT: 15.348 min Scan# 2848
Delta R.T. -0.019 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Tgt Ion:166 Resp: 2395
Ion Ratio Lower Upper
166 100
165 97.0 78.6 118.0
167 22.8 11.0 16.6#

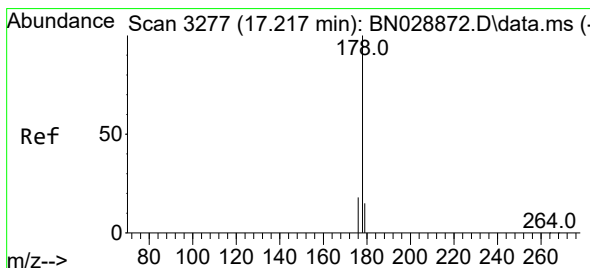
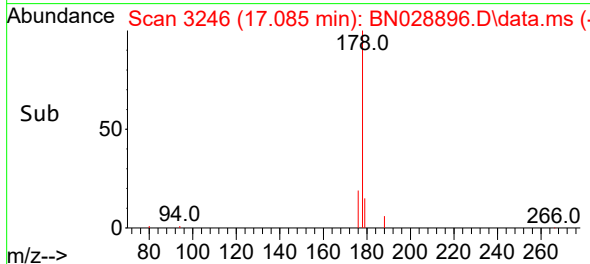
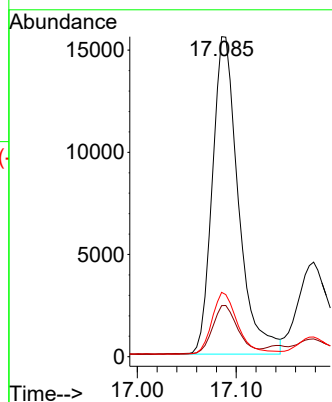
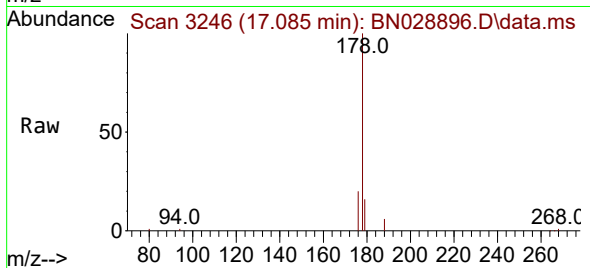




#15
Phenanthrene
Concen: 0.767 ng/ul
RT: 17.085 min Scan# 31
Delta R.T. -0.018 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

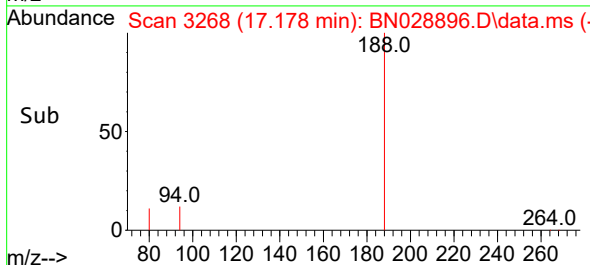
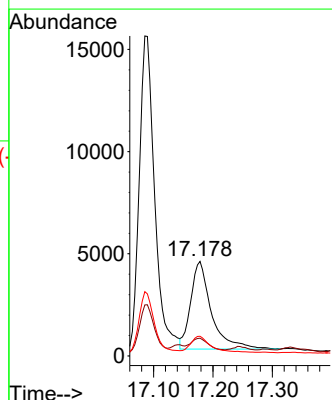
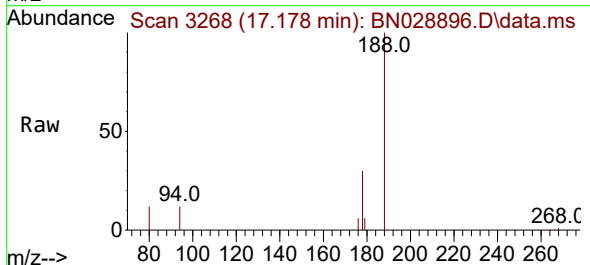
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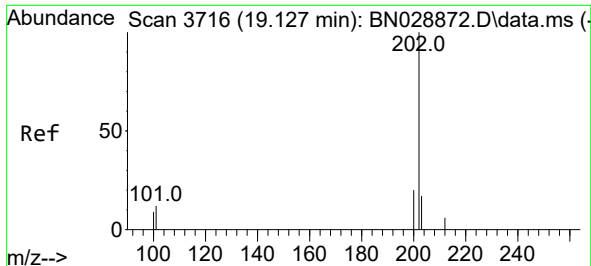
Tgt Ion:178 Resp: 28433
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.1 15.4 23.2



#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.178 min Scan# 3268
Delta R.T. -0.026 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Tgt Ion:178 Resp: 10350
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 20.9 14.9 22.3

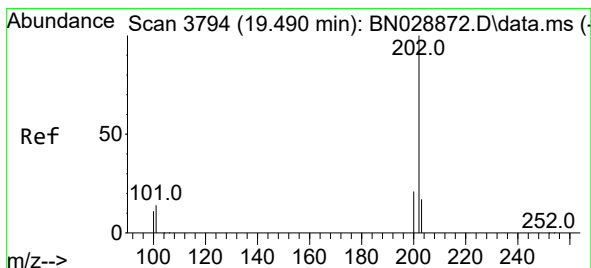
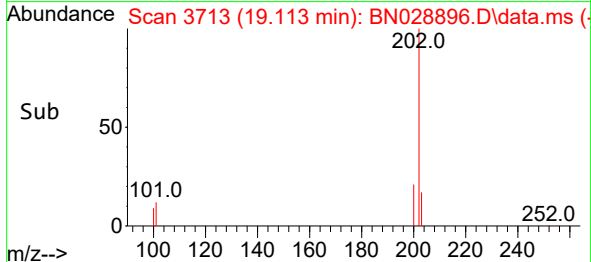
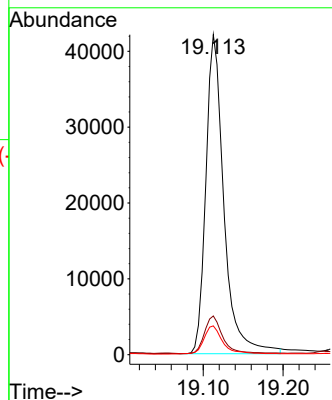
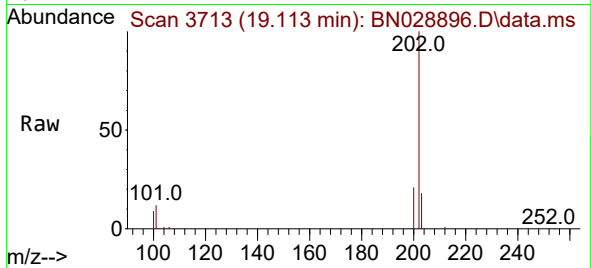




#19
Fluoranthene
Concen: 1.652 ng/ul
RT: 19.113 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

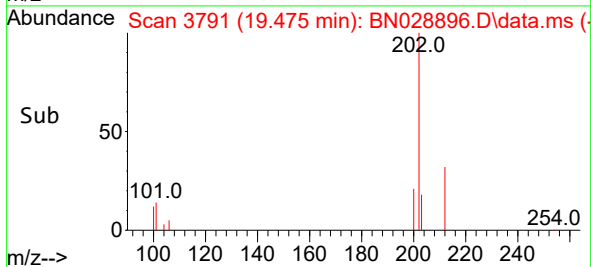
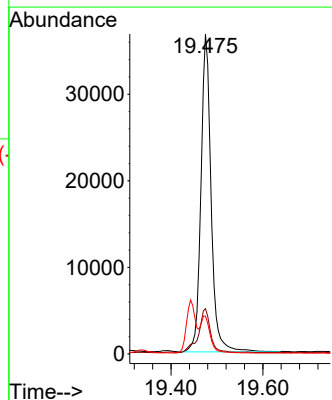
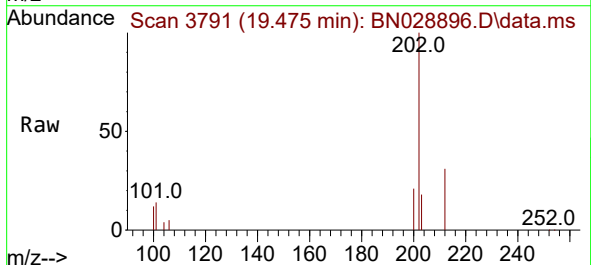
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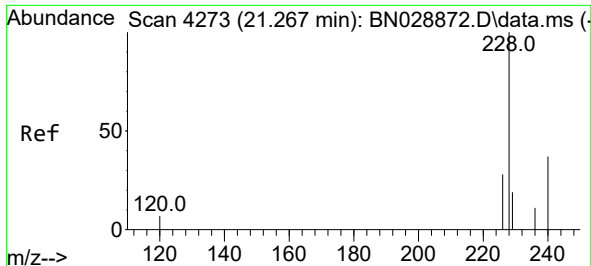
Tgt Ion:202 Resp: 66226
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.0 7.2 10.8



#20
Pyrene
Concen: 1.364 ng/ul
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

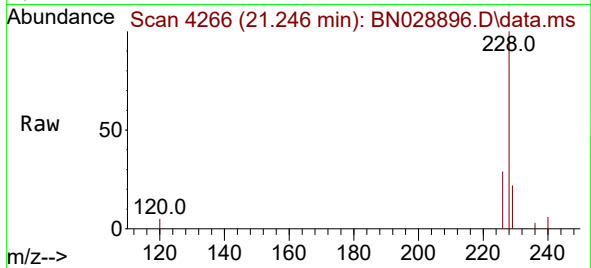
Tgt Ion:202 Resp: 56666
Ion Ratio Lower Upper
202 100
101 14.2 10.3 15.5
100 11.8 8.2 12.2



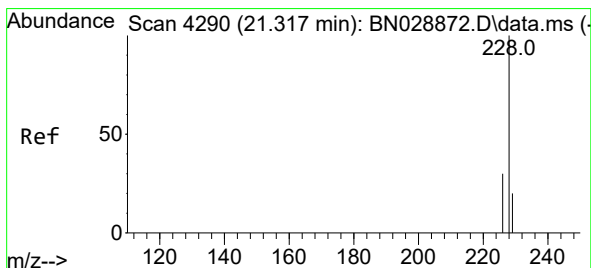
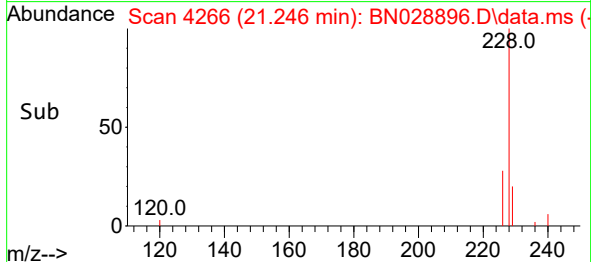
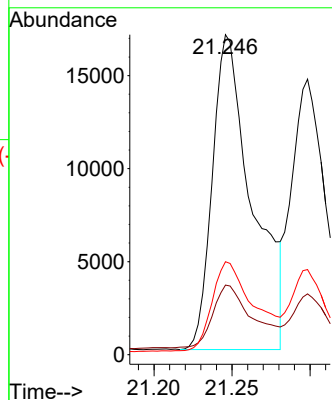


#21
Benzo(a)anthracene
Concen: 0.805 ng/ul
RT: 21.246 min Scan# 41
Delta R.T. -0.010 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Instrument :
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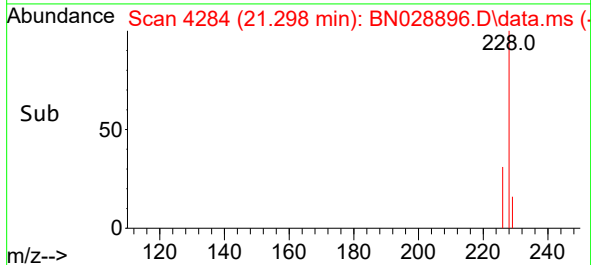
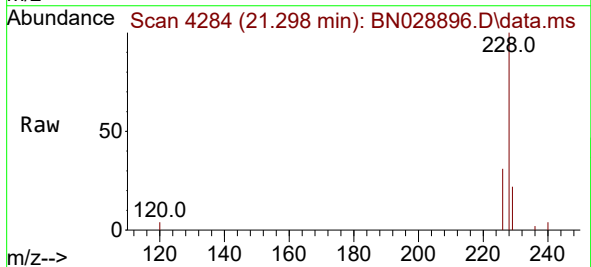
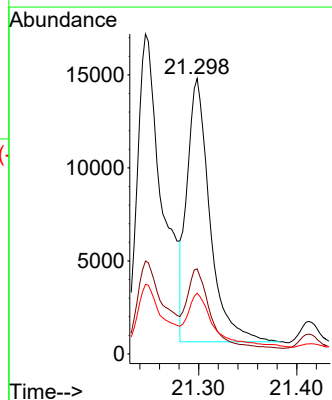


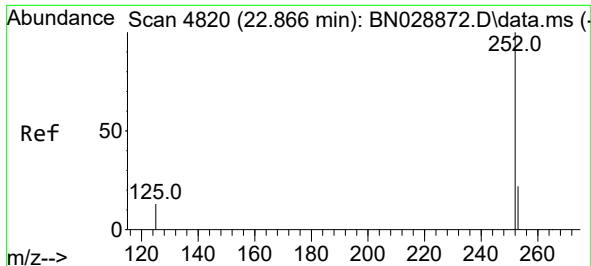
Tgt Ion:228 Resp: 29996
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 29.0 21.4 32.0



#22
Chrysene
Concen: 0.628 ng/ul
RT: 21.298 min Scan# 4284
Delta R.T. -0.007 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Tgt Ion:228 Resp: 22880
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 22.1 15.4 23.2

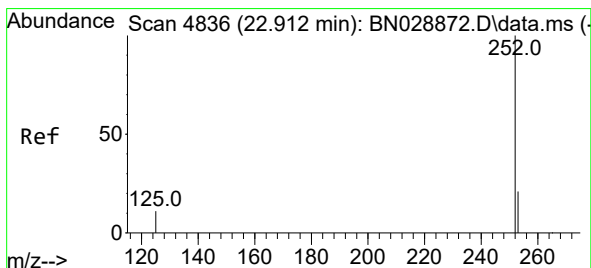
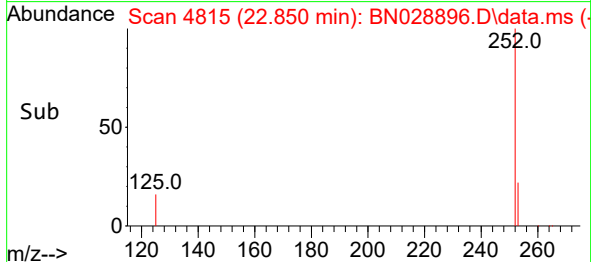
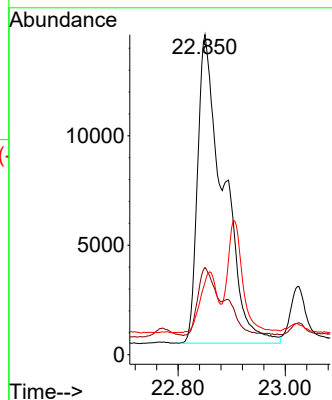
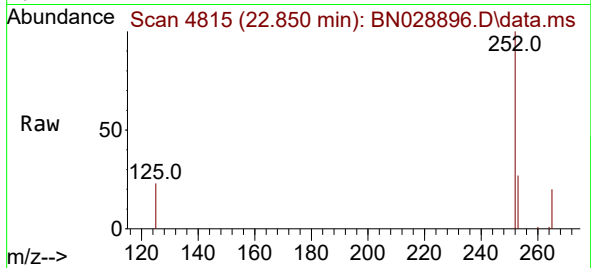




#24
Benzo(b)fluoranthene
Concen: 1.150 ng/ul
RT: 22.850 min Scan# 4815
Delta R.T. -0.004 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

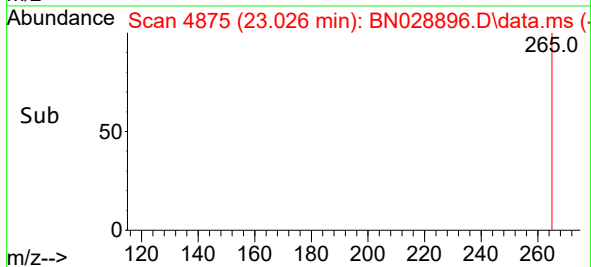
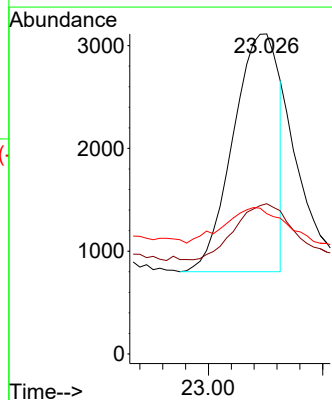
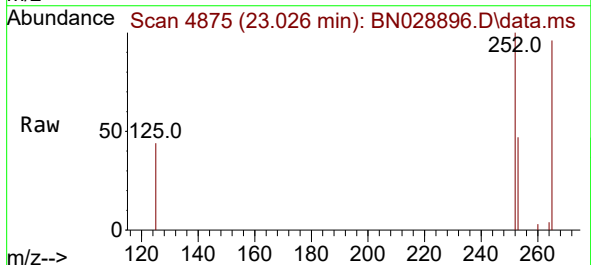
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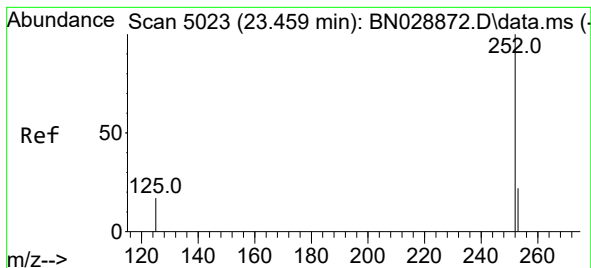
Tgt Ion:252 Resp: 47112
Ion Ratio Lower Upper
252 100
253 27.2 0.0 46.6
125 22.5 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.075 ng/ul
RT: 23.026 min Scan# 4875
Delta R.T. 0.122 min
Lab File: BN028896.D
Acq: 28 Nov 2023 01:33

Tgt Ion:252 Resp: 3205
Ion Ratio Lower Upper
252 100
253 47.0 18.6 28.0#
125 43.9 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.581 ng/ul

RT: 23.429 min Scan# 50

Delta R.T. -0.015 min

Lab File: BN028896.D

Acq: 28 Nov 2023 01:33

Instrument :

BNA_N

ClientSampleId :

C0AG6

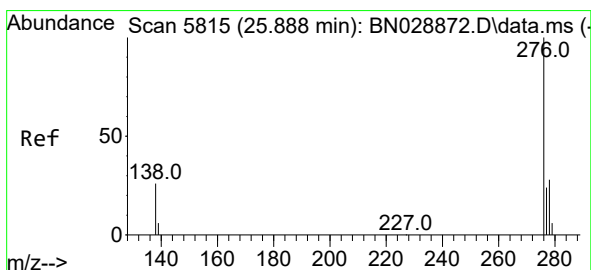
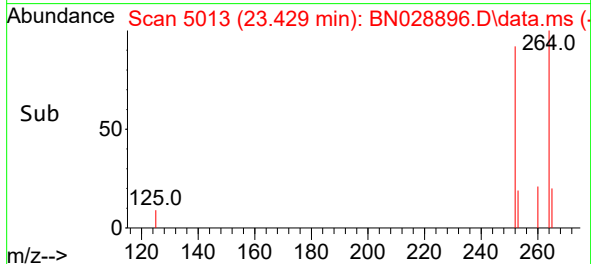
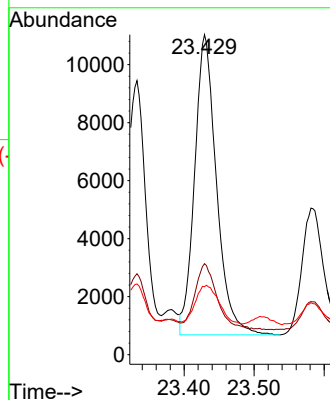
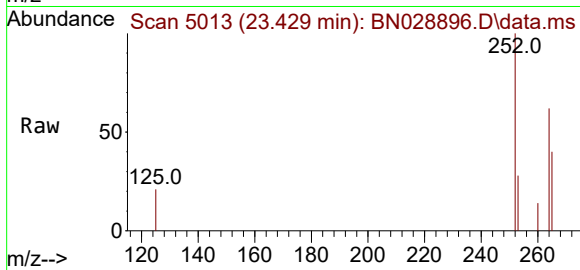
Tgt Ion:252 Resp: 22464

Ion Ratio Lower Upper

252 100

253 28.5 19.0 28.6

125 21.3 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.351 ng/ul

RT: 25.860 min Scan# 5807

Delta R.T. -0.014 min

Lab File: BN028896.D

Acq: 28 Nov 2023 01:33

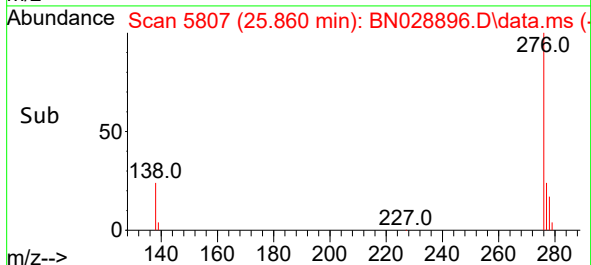
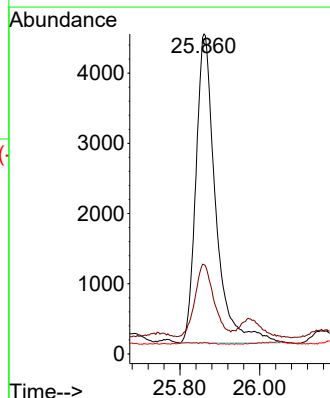
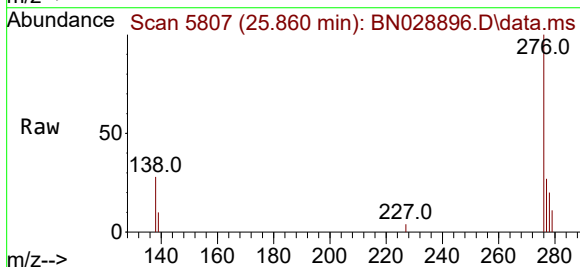
Tgt Ion:276 Resp: 15054

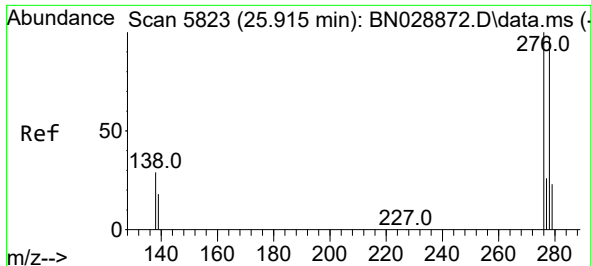
Ion Ratio Lower Upper

276 100

138 23.0 23.8 35.6#

227 0.2 0.1 0.1#

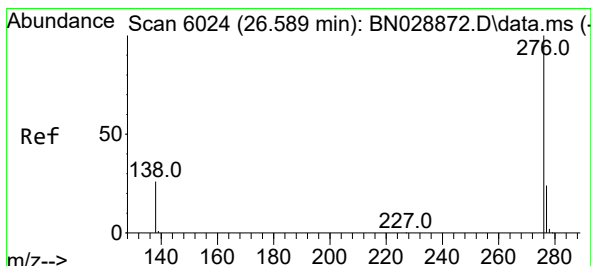
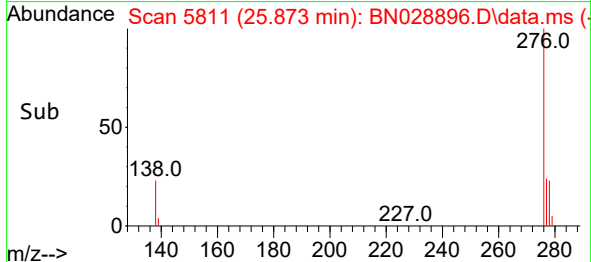
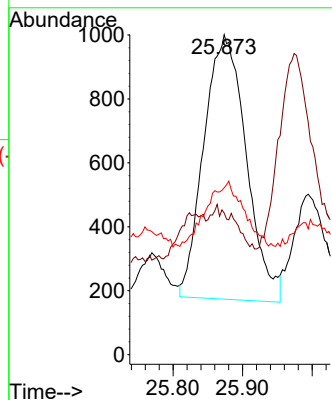
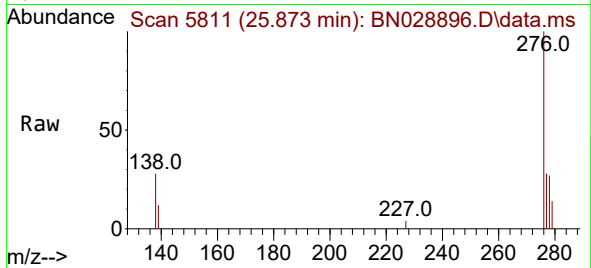




#28
 Dibenzo(a,h)anthracene
 Concen: 0.102 ng/ul
 RT: 25.873 min Scan# 51
 Delta R.T. -0.024 min
 Lab File: BN028896.D
 Acq: 28 Nov 2023 01:33

Instrument :
 BNA_N
 ClientSampleId :
 C0AG6

Tgt Ion:278 Resp: 3496
 Ion Ratio Lower Upper
 278 100
 139 44.3 18.2 27.4#
 279 52.1 20.7 31.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.399 ng/ul
 RT: 26.568 min Scan# 6018
 Delta R.T. -0.011 min
 Lab File: BN028896.D
 Acq: 28 Nov 2023 01:33

Tgt Ion:276 Resp: 14041
 Ion Ratio Lower Upper
 276 100
 138 29.4 20.5 30.7
 277 26.7 19.4 29.0

