

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033128.D
 Acq On : 31 Jul 2024 12:48
 Operator : MA/JU
 Sample : P3265-03DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DQ8DL

Quant Time: Jul 31 13:21:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

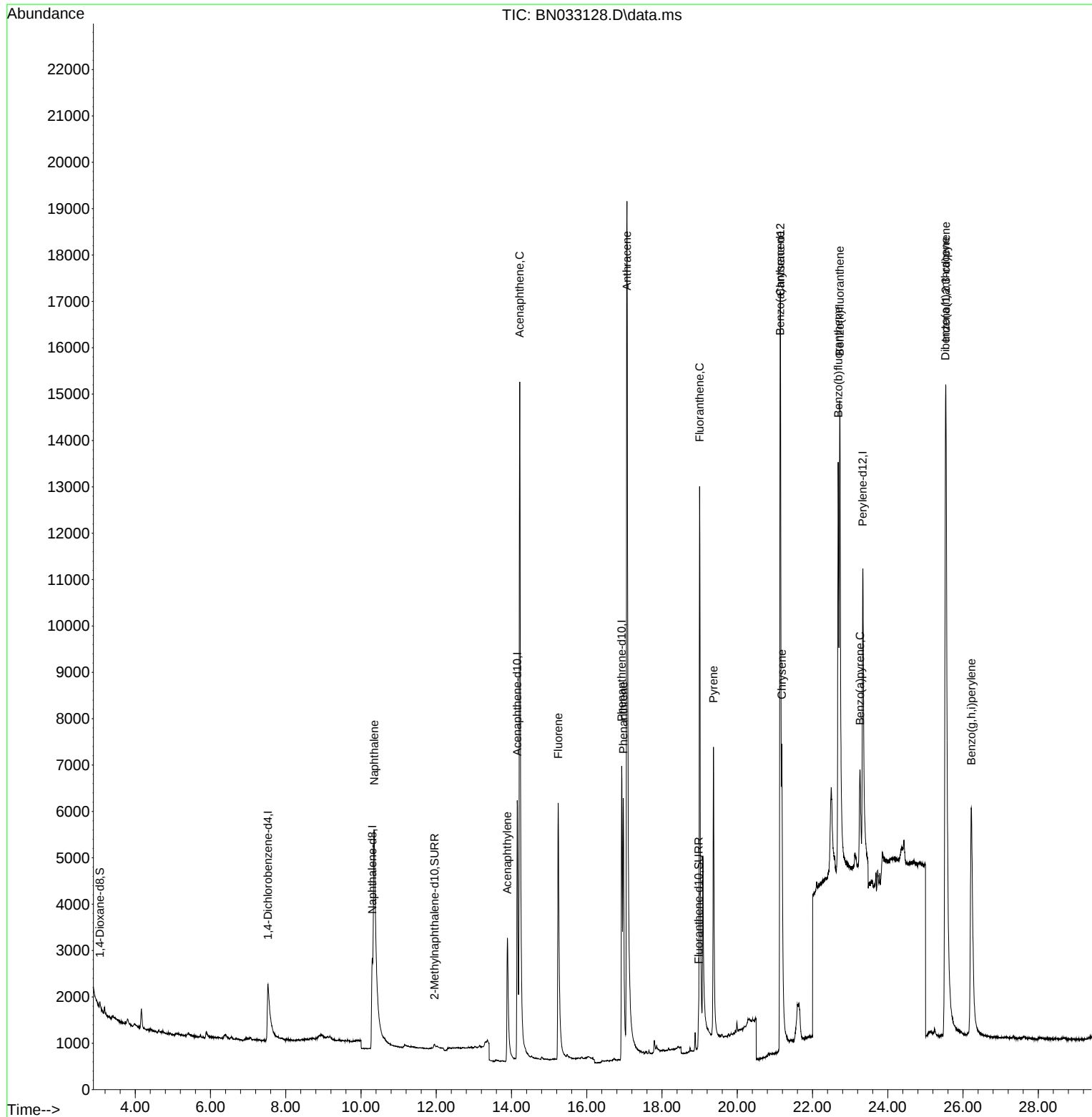
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	1993	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.300	136	7068	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.152	164	4655	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	10592	0.400	ng/ul	-0.01
17) Chrysene-d12	21.148	240	10945	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	11338	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	142	0.056	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.950	152	307	0.027	ng/ul	0.02
18) Fluoranthene-d10	18.972	212	1051	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	15979	0.880	ng/ul	96
10) Acenaphthylene	13.889	152	5771	0.303	ng/ul	97
11) Acenaphthene	14.217	153	13392	0.935	ng/ul	99
12) Fluorene	15.240	166	6385	0.382	ng/ul	99
15) Phenanthrene	16.971	178	7756	0.273	ng/ul	99
16) Anthracene	17.068	178	35468	1.389	ng/ul	97
19) Fluoranthene	19.000	202	15182	0.421	ng/ul	99
20) Pyrene	19.367	202	7510	0.194	ng/ul#	93
21) Benzo(a)anthracene	21.137	228	14002	0.375	ng/ul	99
22) Chrysene	21.183	228	7921	0.182	ng/ul	99
24) Benzo(b)fluoranthene	22.682	252	12188	0.368	ng/ul	99
25) Benzo(k)fluoranthene	22.723	252	19074	0.481	ng/ul	95
26) Benzo(a)pyrene	23.261	252	4596	0.147	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.544	276	23822	0.503	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.534	278	17280	0.460	ng/ul	94
29) Benzo(g,h,i)perylene	26.221	276	14564	0.387	ng/ul	96

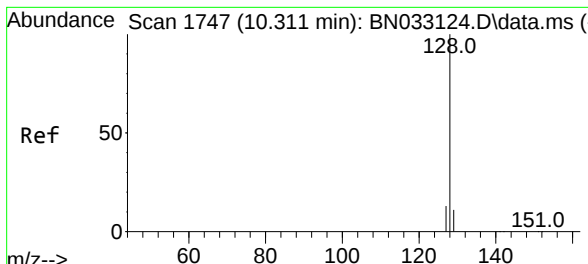
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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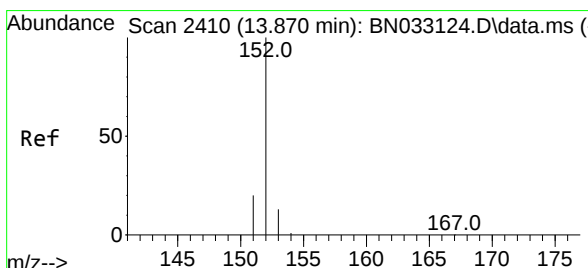
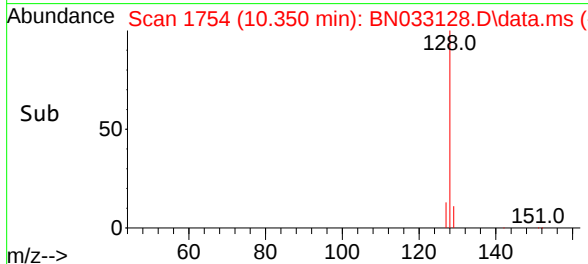
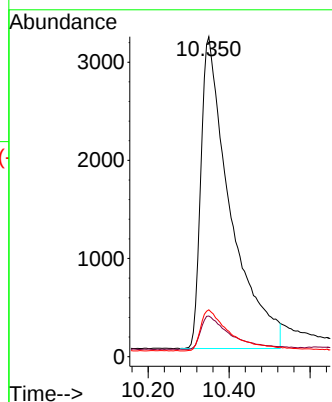
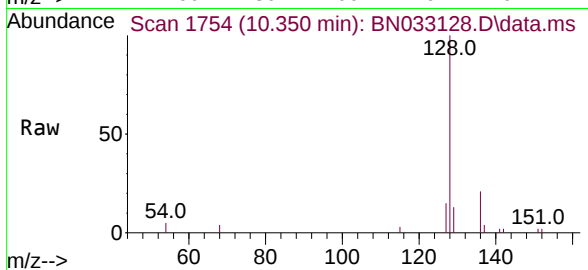




#5
Naphthalene
Concen: 0.880 ng/ul
RT: 10.350 min Scan# 1754
Delta R.T. -0.027 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

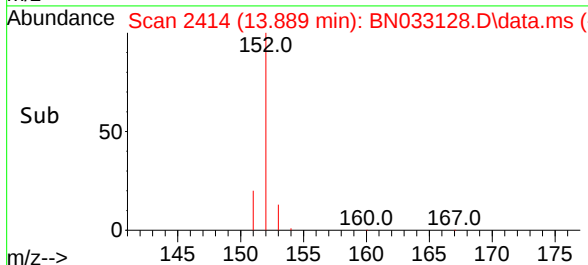
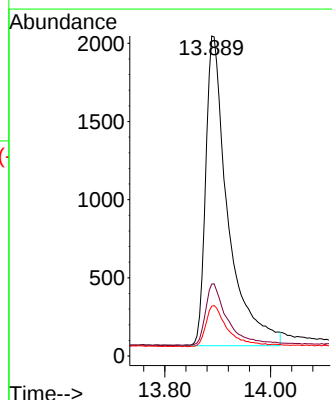
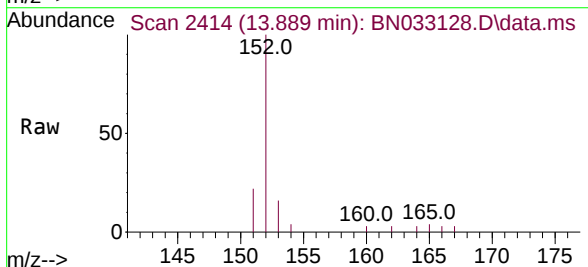
Instrument :
BNA_N
ClientSampleId :
A4DQ8DL

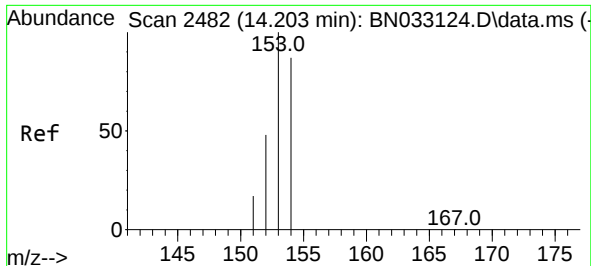
Tgt Ion:	128	Resp:	15979
Ion	Ratio	Lower	Upper
128	100		
129	12.7	12.0	18.0
127	14.7	12.7	19.1



#10
Acenaphthylene
Concen: 0.303 ng/ul
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:	152	Resp:	5771
Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.8	25.2
153	15.6	11.9	17.9

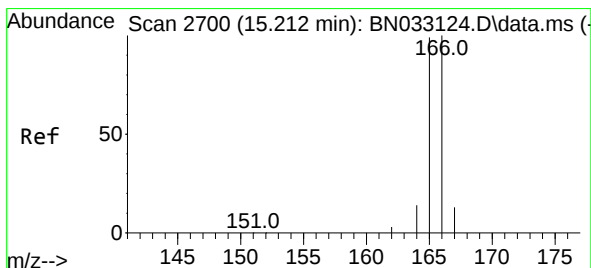
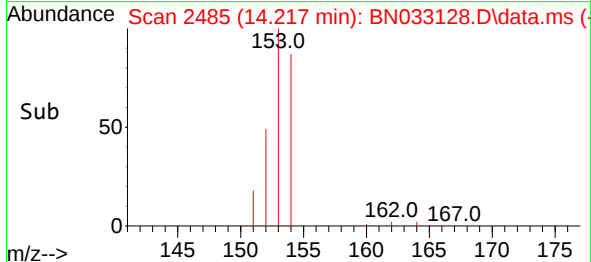
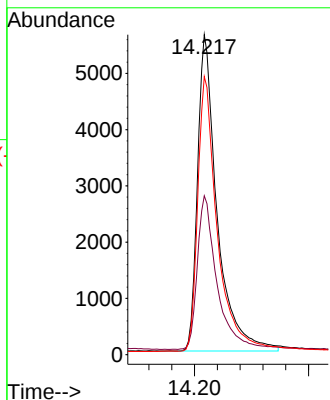
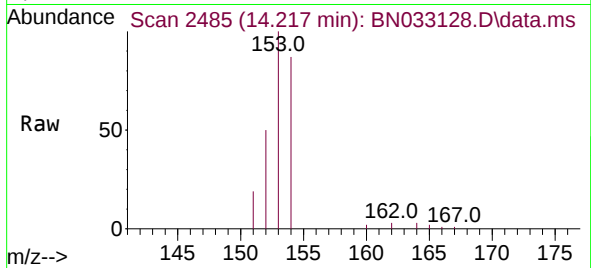




#11
Acenaphthene
Concen: 0.935 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

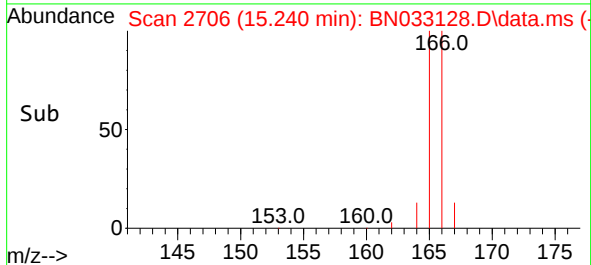
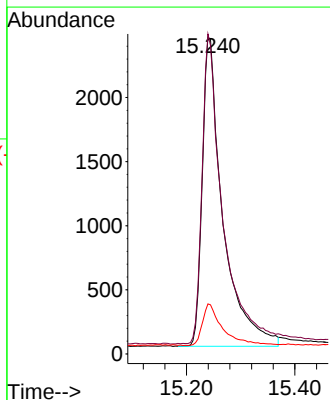
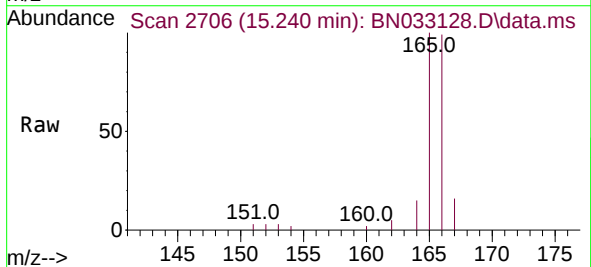
Instrument :
BNA_N
ClientSampleId :
A4DQ8DL

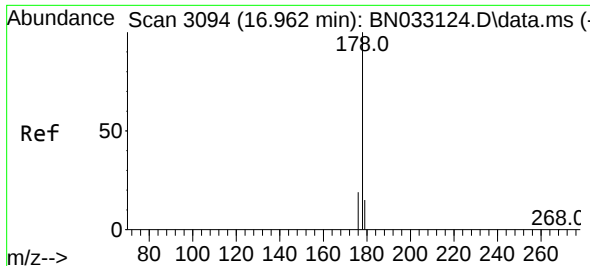
Tgt Ion:153 Resp: 13392
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 86.9 70.1 105.1



#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.009 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:166 Resp: 6385
Ion Ratio Lower Upper
166 100
165 100.9 79.6 119.4
167 15.8 12.2 18.4

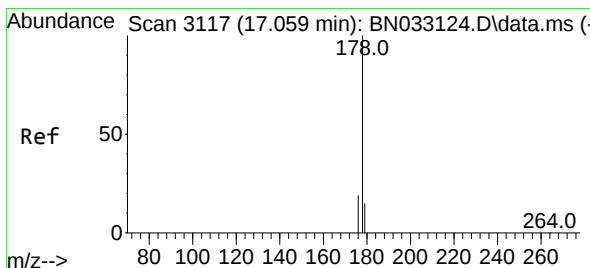
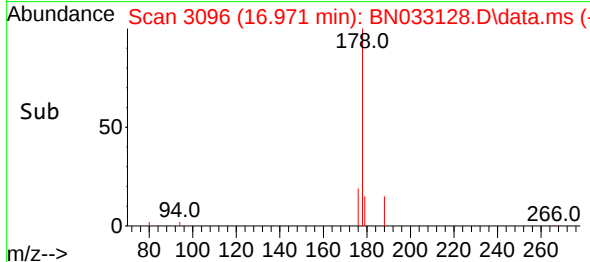
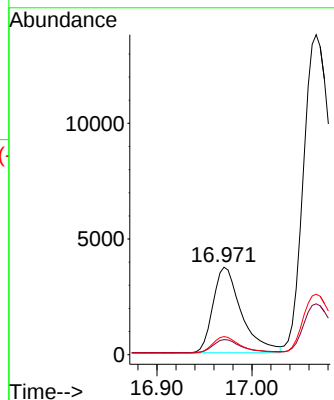
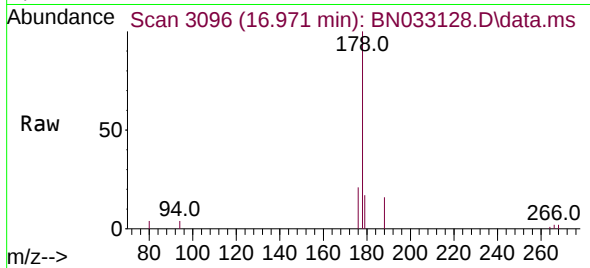




#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 16.971 min Scan# 3096
Delta R.T. -0.012 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

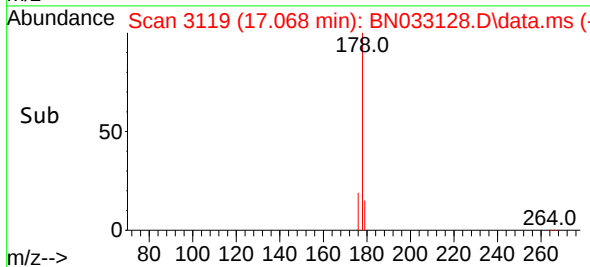
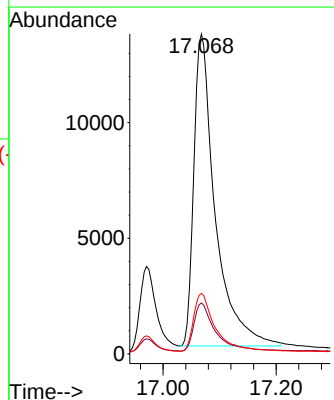
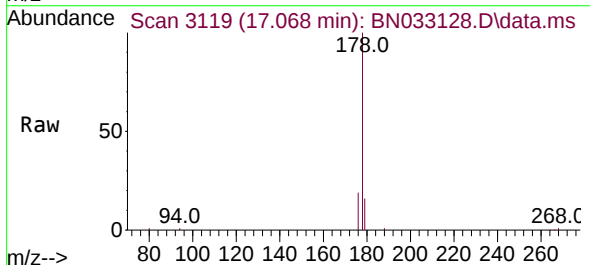
Instrument :
BNA_N
ClientSampleId :
A4DQ8DL

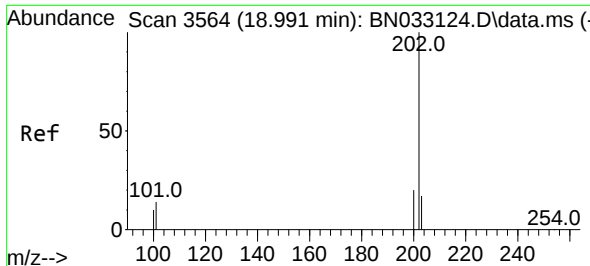
Tgt Ion:178 Resp: 7756
Ion Ratio Lower Upper
178 100
179 17.2 13.7 20.5
176 20.6 15.9 23.9



#16
Anthracene
Concen: 1.389 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.021 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:178 Resp: 35468
Ion Ratio Lower Upper
178 100
179 15.9 14.3 21.5
176 18.9 15.8 23.8

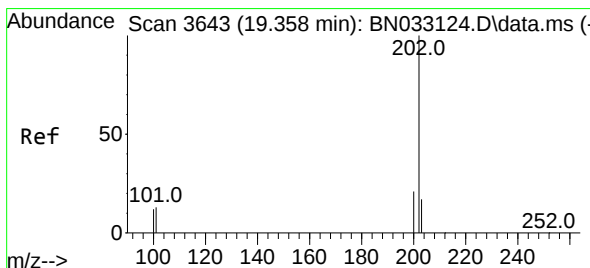
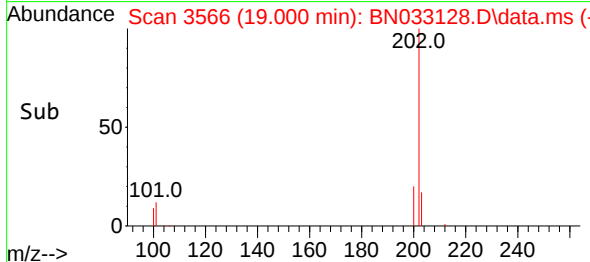
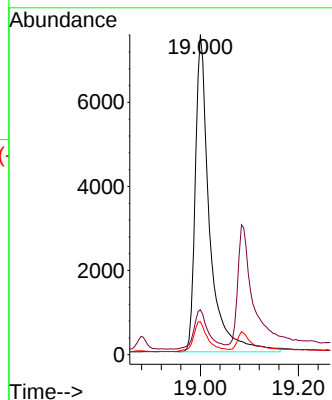
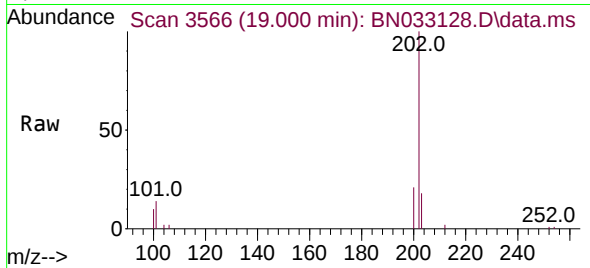




#19
Fluoranthene
Concen: 0.421 ng/ul
RT: 19.000 min Scan# 3566
Delta R.T. -0.004 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

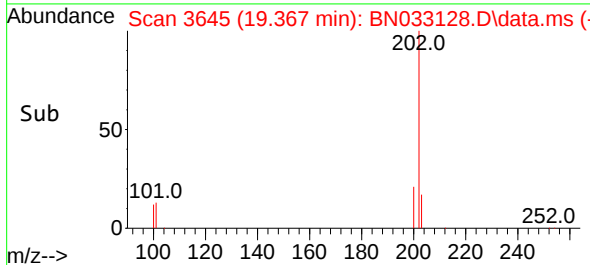
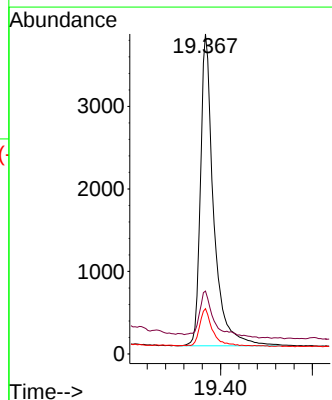
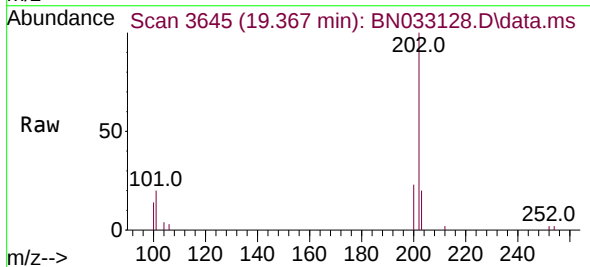
Instrument :
BNA_N
ClientSampleId :
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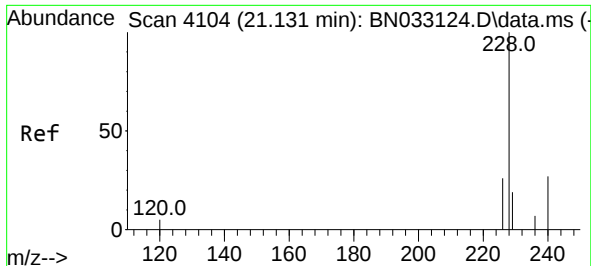
Tgt Ion:202 Resp: 15182
Ion Ratio Lower Upper
202 100
101 14.0 10.7 16.1
100 10.3 8.3 12.5



#20
Pyrene
Concen: 0.194 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.004 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:202 Resp: 7510
Ion Ratio Lower Upper
202 100
101 19.7 12.6 18.8#
100 14.2 9.9 14.9

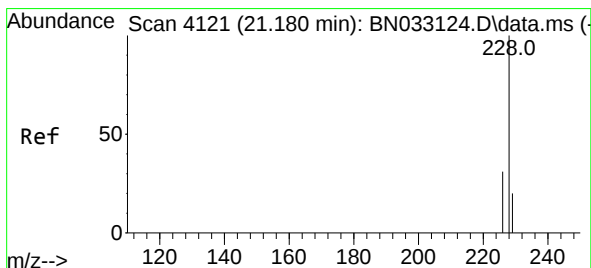
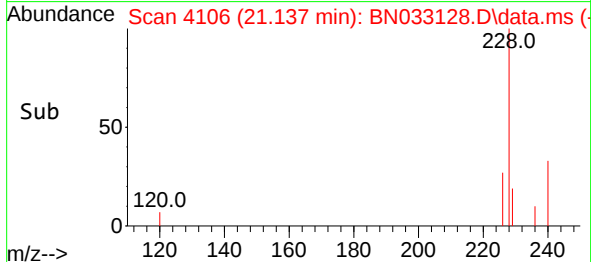
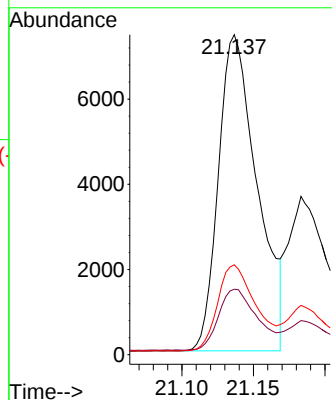
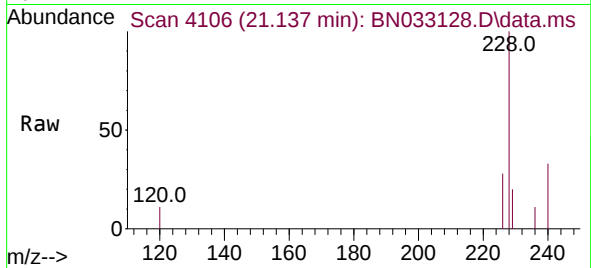




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.137 min Scan# 4106
Delta R.T. 0.000 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

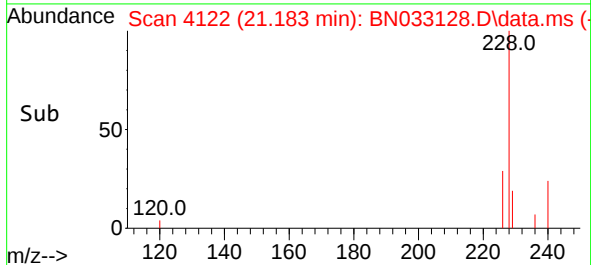
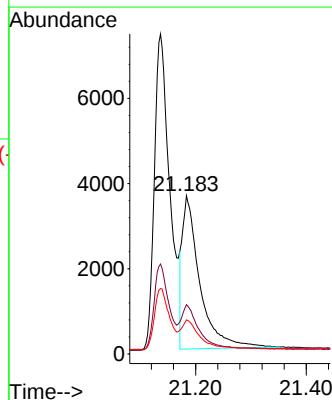
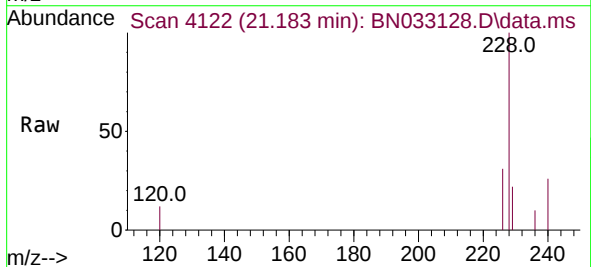
Instrument :
BNA_N
ClientSampleId :
A4DQ8DL

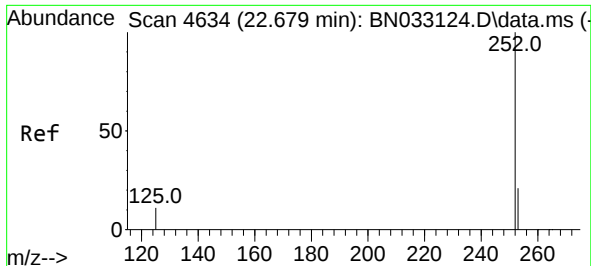
Tgt Ion:228 Resp: 14002
Ion Ratio Lower Upper
228 100
229 20.5 17.1 25.7
226 28.1 22.4 33.6



#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:228 Resp: 7921
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 21.6 17.0 25.6

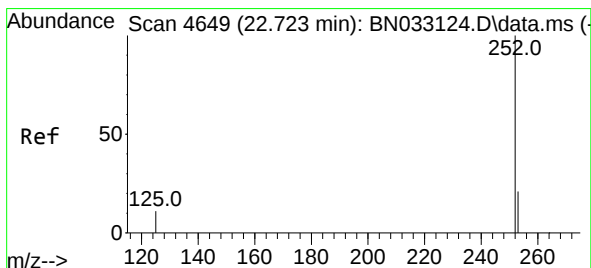
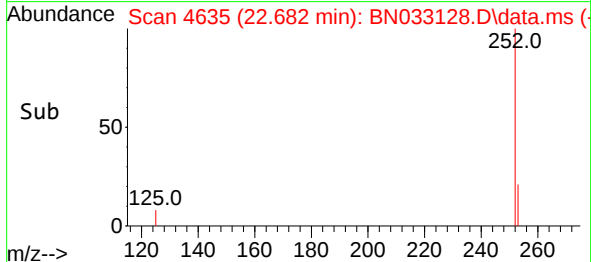
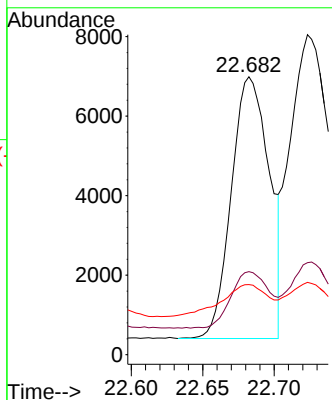
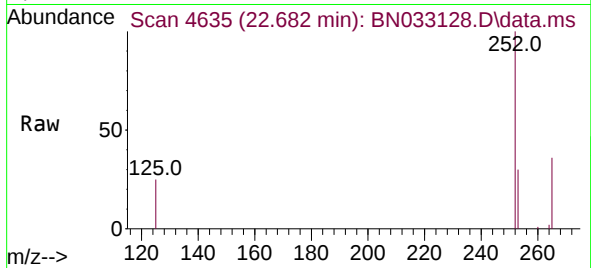




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. 0.000 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

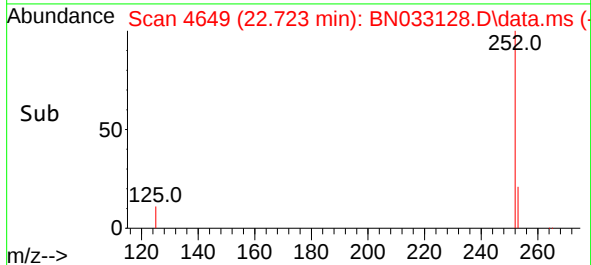
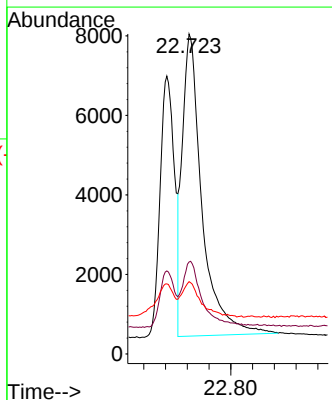
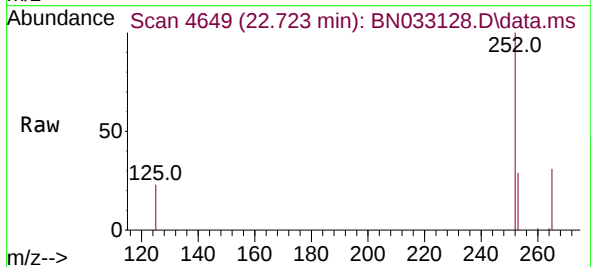
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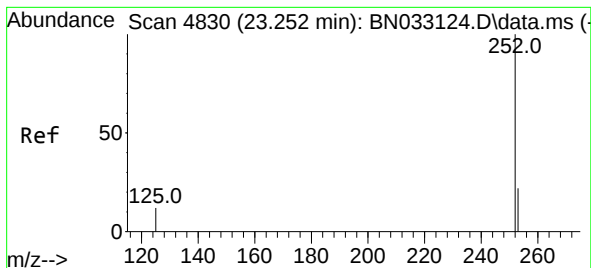
Tgt Ion:252 Resp: 12188
Ion Ratio Lower Upper
252 100
253 29.9 0.0 60.6
125 25.2 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.481 ng/ul
RT: 22.723 min Scan# 4649
Delta R.T. -0.003 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:252 Resp: 19074
Ion Ratio Lower Upper
252 100
253 28.8 24.9 37.3
125 22.6 20.9 31.3





#26

Benzo(a)pyrene

Concen: 0.147 ng/ul

RT: 23.261 min Scan# 4833

Delta R.T. 0.012 min

Lab File: BN033128.D

Acq: 31 Jul 2024 12:48

Instrument :

BNA_N

ClientSampleId :

A4DQ8DL

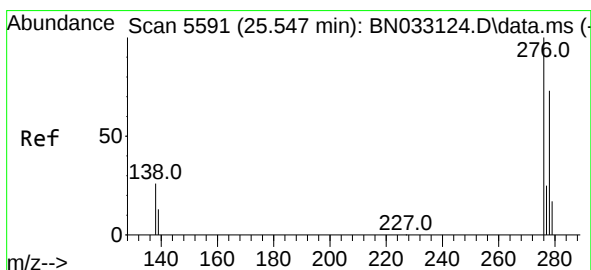
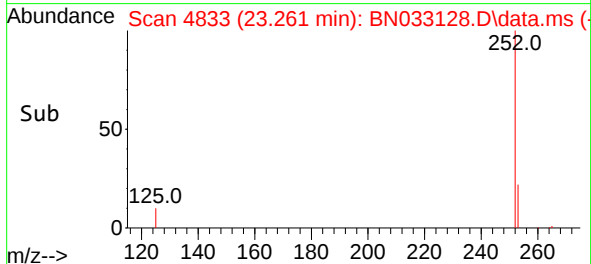
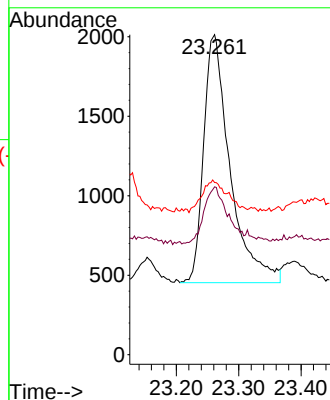
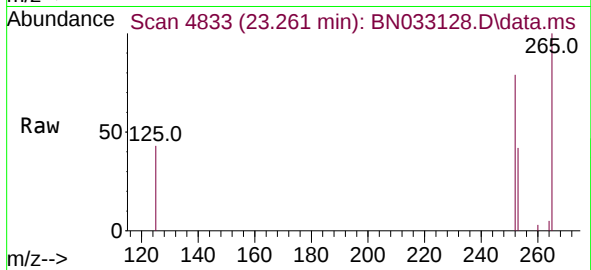
Tgt Ion:252 Resp: 4596

Ion Ratio Lower Upper

252 100

253 52.5 27.5 41.3#

125 53.8 27.0 40.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.503 ng/ul

RT: 25.544 min Scan# 5590

Delta R.T. 0.004 min

Lab File: BN033128.D

Acq: 31 Jul 2024 12:48

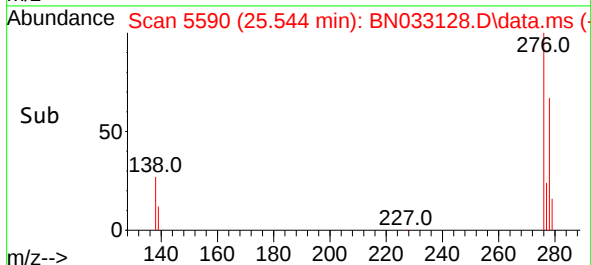
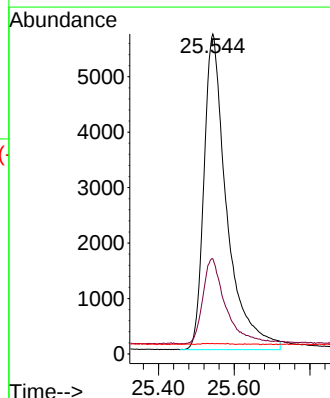
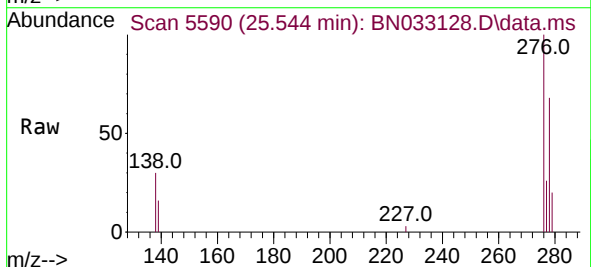
Tgt Ion:276 Resp: 23822

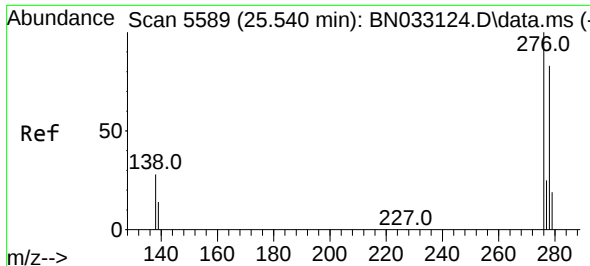
Ion Ratio Lower Upper

276 100

138 27.2 21.8 32.8

227 0.3 0.2 0.2#

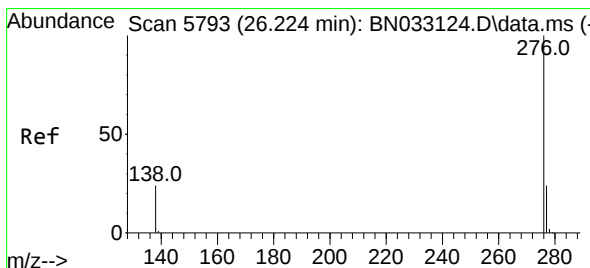
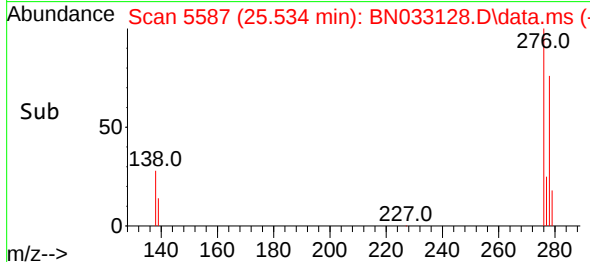
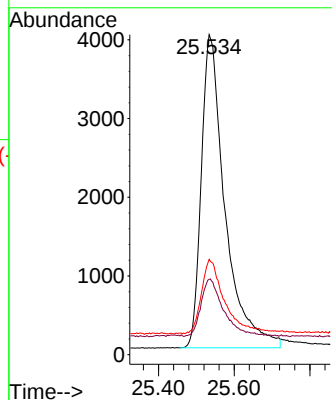
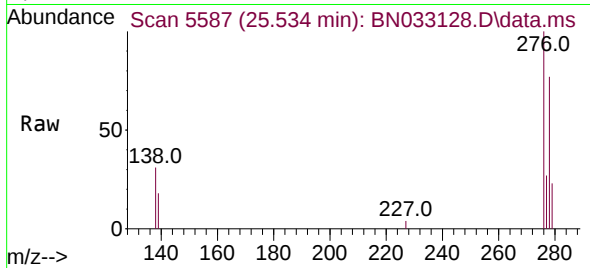




#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 25.534 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Instrument :
BNA_N
ClientSampleId :
A4DQ8DL

Tgt Ion:278 Resp: 17280
Ion Ratio Lower Upper
278 100
139 23.6 22.5 33.7
279 29.8 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.221 min Scan# 5792
Delta R.T. 0.004 min
Lab File: BN033128.D
Acq: 31 Jul 2024 12:48

Tgt Ion:276 Resp: 14564
Ion Ratio Lower Upper
276 100
138 28.7 24.6 37.0
277 26.1 22.6 34.0

