

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
 Data File : BN033996.D
 Acq On : 16 Sep 2024 20:02
 Operator : JU/RC
 Sample : PB163194BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS194

Quant Time: Sep 17 00:42:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

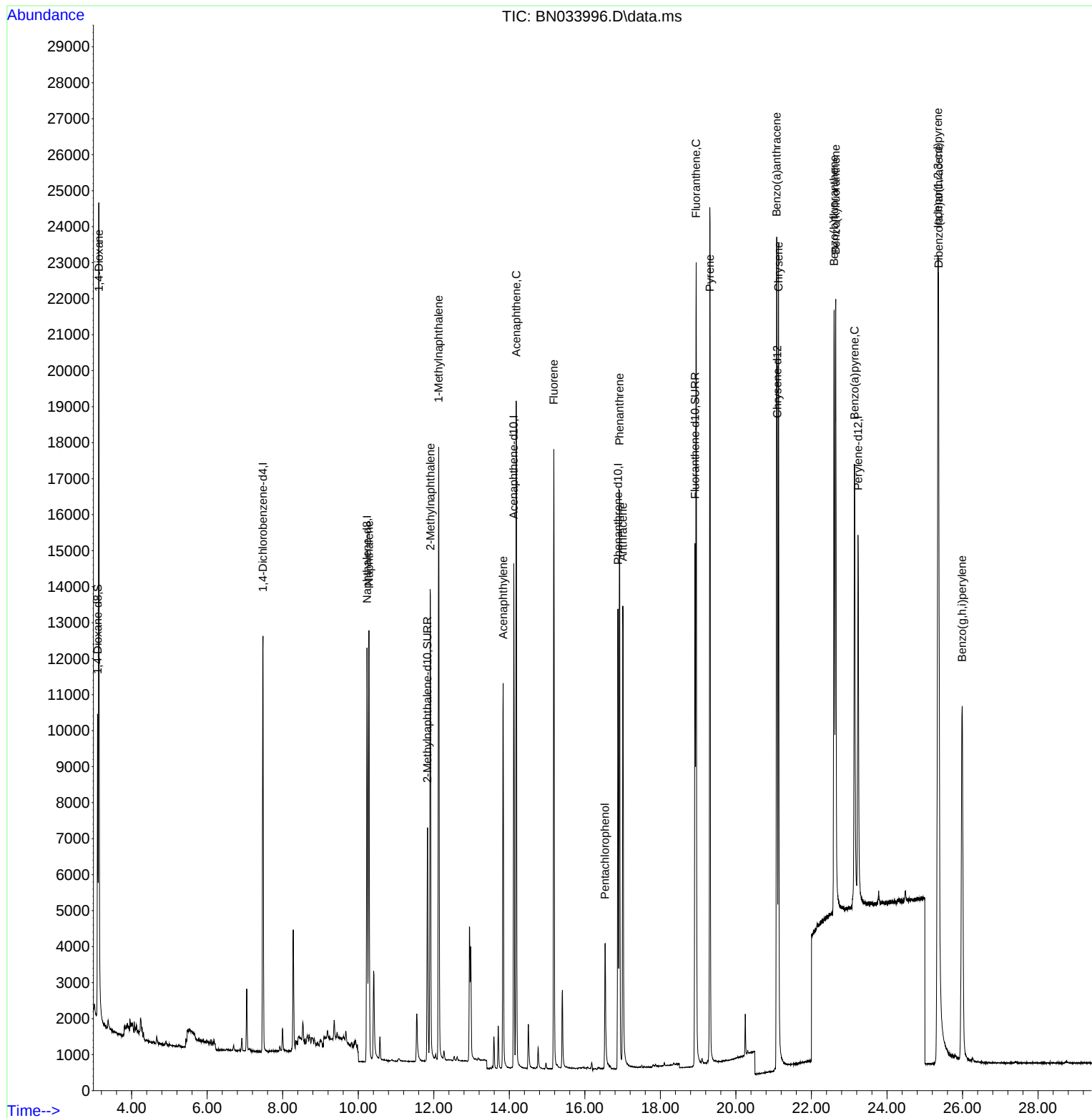
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	5586	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	15321	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.119	164	7503	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.877	188	15124	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	12539	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	13942	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	4964	0.864	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	8890	0.404	ng/ul	-0.01
18) Fluoranthene-d10	18.915	212	16837	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	13523	2.122	ng/ul#	80
5) Naphthalene	10.283	128	15989	0.390	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	9935	0.383	ng/ul	100
8) 1-Methylnaphthalene	12.131	142	11854	0.444	ng/ul	99
10) Acenaphthylene	13.837	152	12467	0.366	ng/ul	100
11) Acenaphthene	14.184	153	10294	0.419	ng/ul	100
12) Fluorene	15.178	166	11005	0.400	ng/ul	99
14) Pentachlorophenol	16.535	266	3058	0.643	ng/ul	99
15) Phenanthrene	16.919	178	17164	0.385	ng/ul	99
16) Anthracene	17.008	178	14969	0.373	ng/ul	100
19) Fluoranthene	18.948	202	19712	0.398	ng/ul	99
20) Pyrene	19.315	202	20753	0.395	ng/ul	98
21) Benzo(a)anthracene	21.077	228	18419	0.373	ng/ul	100
22) Chrysene	21.127	228	20674	0.415	ng/ul	100
24) Benzo(b)fluoranthene	22.602	252	19927	0.368	ng/ul	97
25) Benzo(k)fluoranthene	22.643	252	22485	0.415	ng/ul	96
26) Benzo(a)pyrene	23.140	252	18725	0.431	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.351	276	29613	0.454	ng/ul	95
28) Dibenzo(a,h)anthracene	25.368	278	24005	0.474	ng/ul	98
29) Benzo(g,h,i)perylene	25.992	276	21085	0.413	ng/ul	98

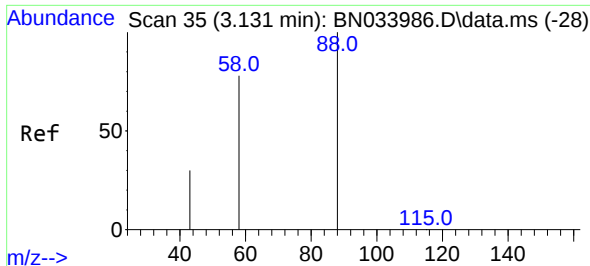
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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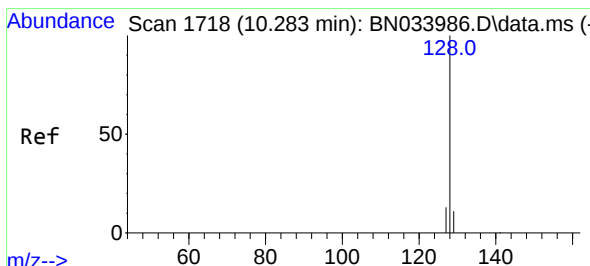
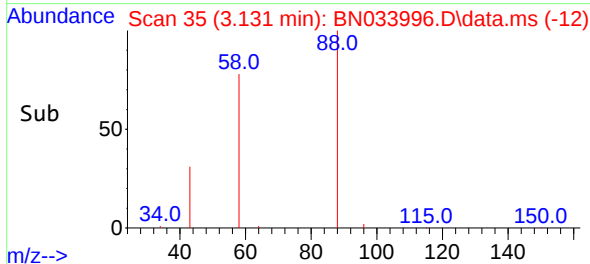
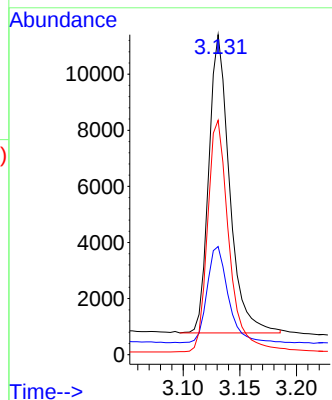
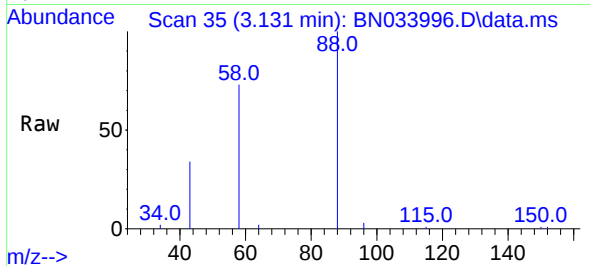




#2
1,4-Dioxane
Concen: 2.122 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

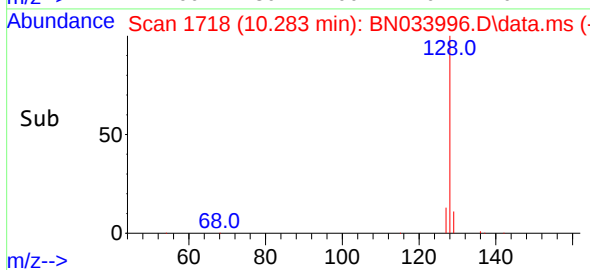
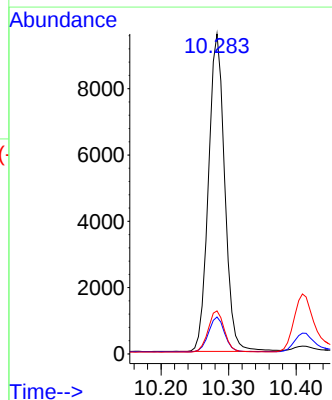
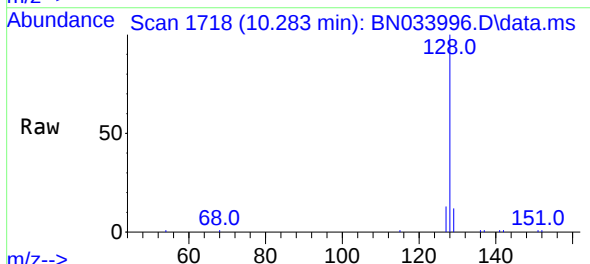
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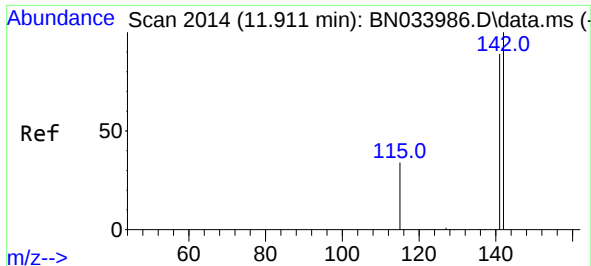
Tgt Ion: 88 Resp: 13523
Ion Ratio Lower Upper
88 100
43 33.8 47.0 70.4#
58 73.2 53.0 79.4



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.283 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:128 Resp: 15989
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.5 10.8 16.2

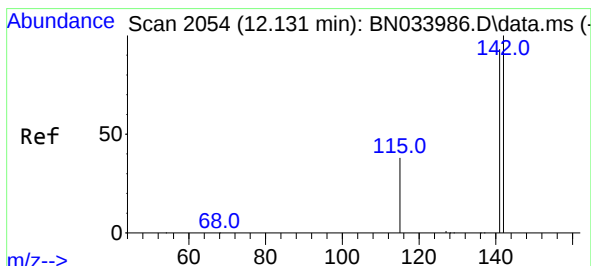
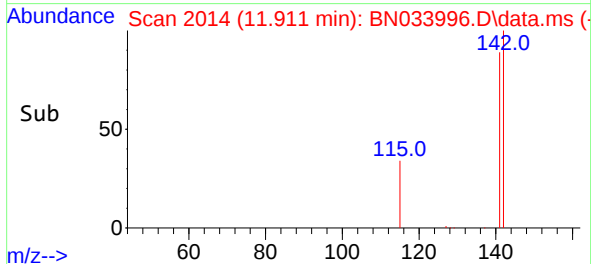
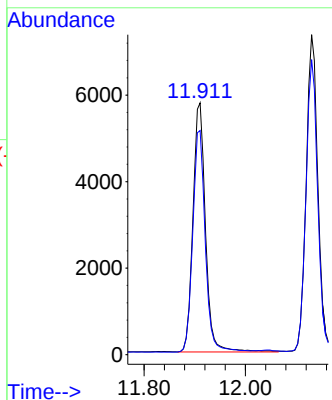
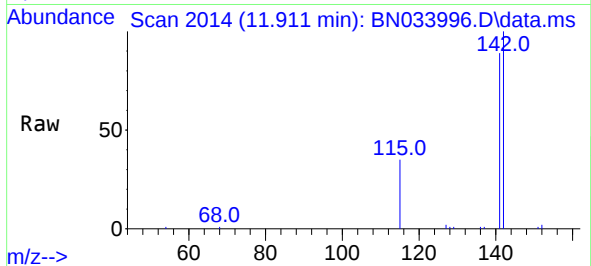




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

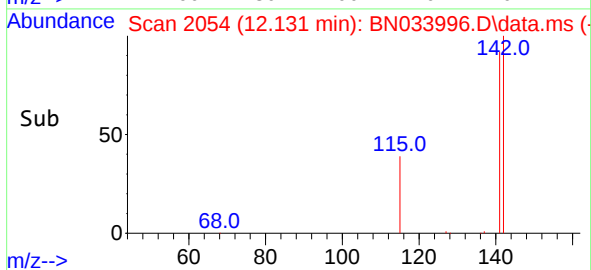
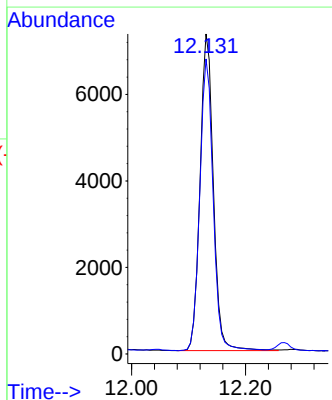
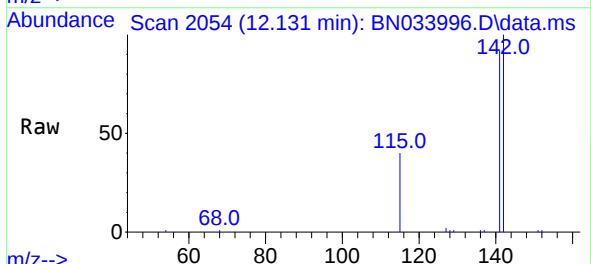
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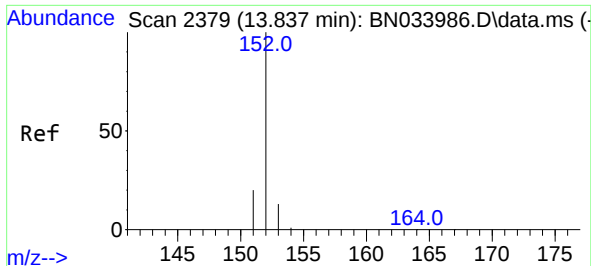
Tgt Ion:142 Resp: 9935
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.131 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:142 Resp: 11854
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4

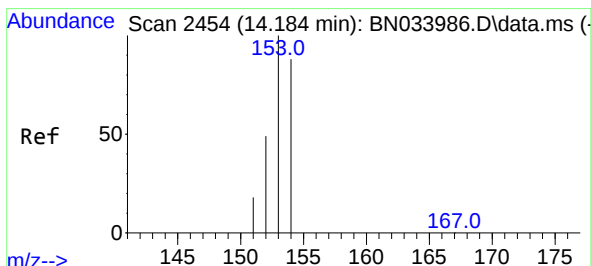
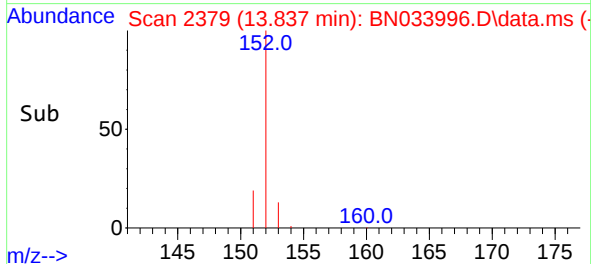
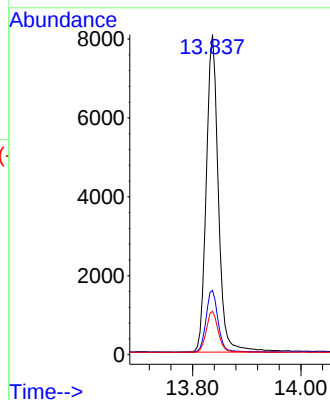
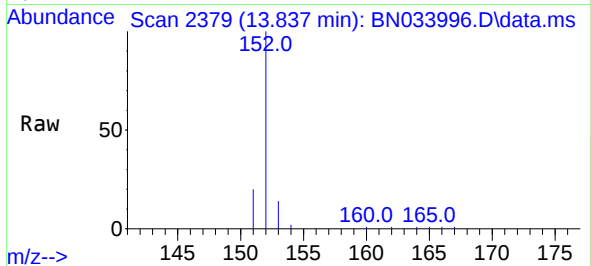




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 13.837 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

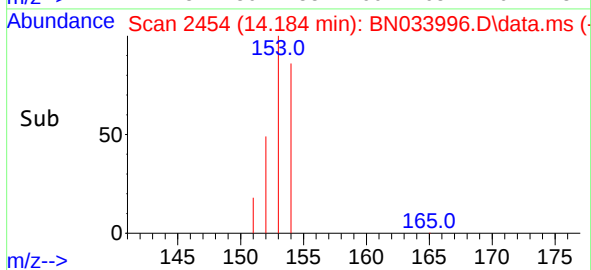
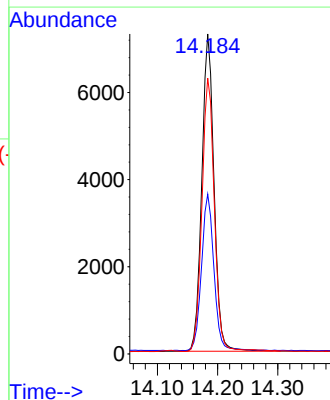
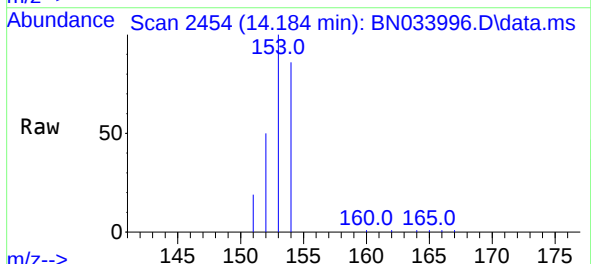
Instrument :
BNA_N
ClientSampleId :
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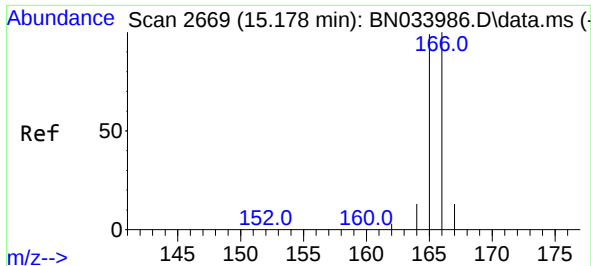
Tgt Ion:	152	Resp:	12467
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.6	10.8	16.2



#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:	153	Resp:	10294
Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.8	59.8
154	86.2	69.0	103.6

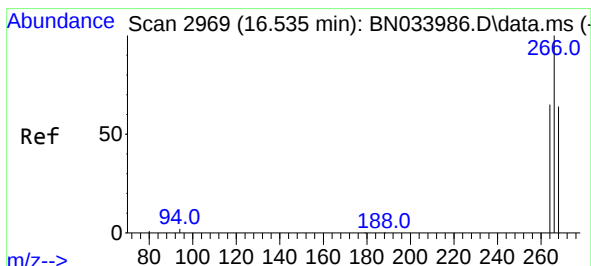
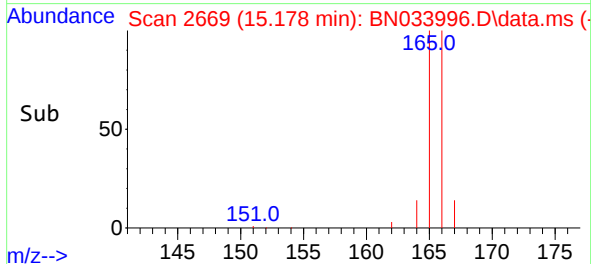
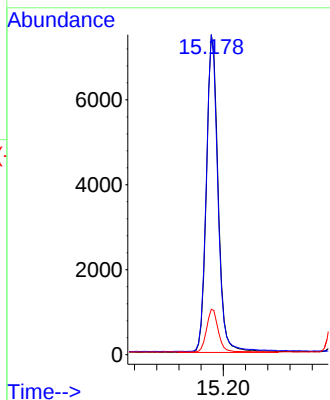
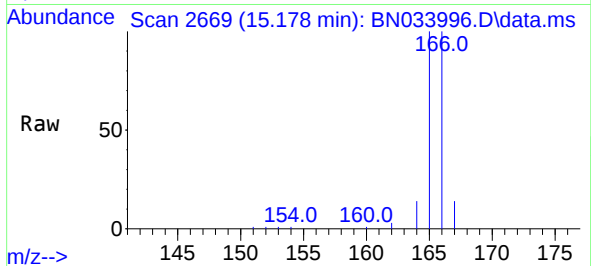




#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

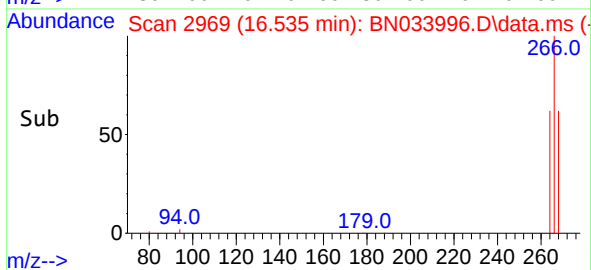
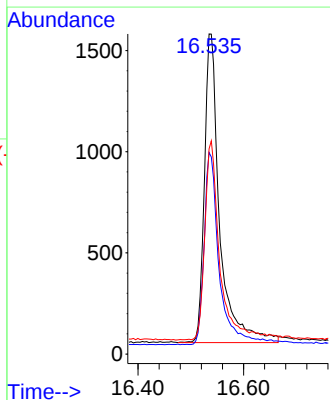
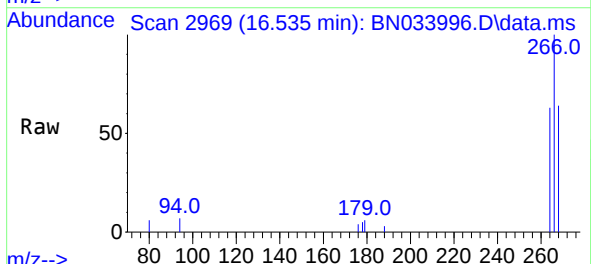
Instrument :
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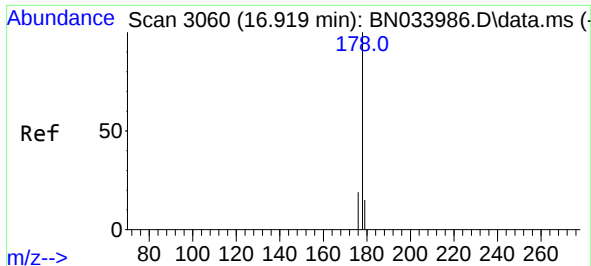
Tgt Ion:166 Resp: 11005
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.643 ng/ul
RT: 16.535 min Scan# 2969
Delta R.T. -0.008 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:266 Resp: 3058
Ion Ratio Lower Upper
266 100
264 61.9 50.3 75.5
268 64.1 51.7 77.5

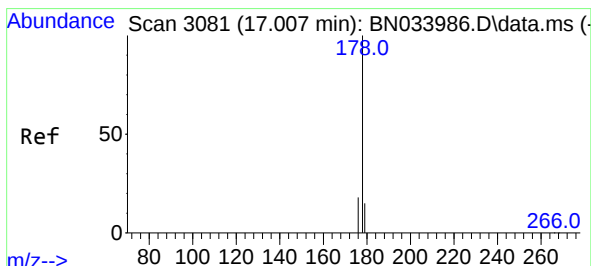
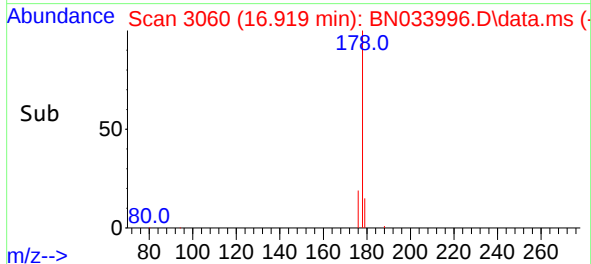
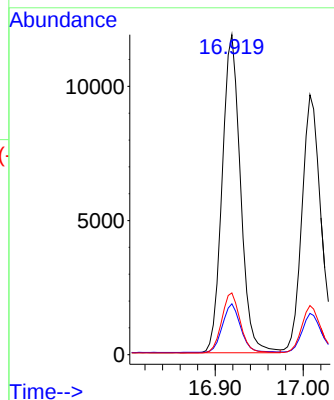
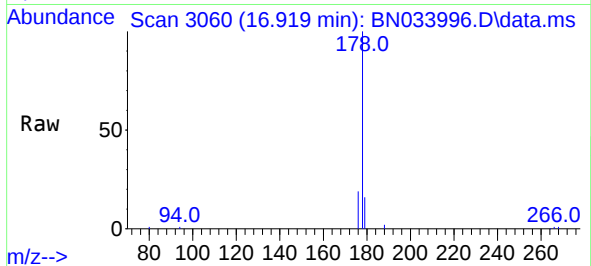




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 16.919 min Scan# 3060
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

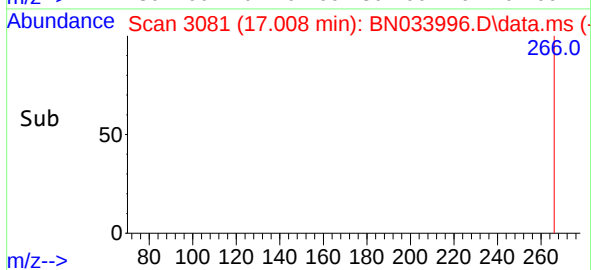
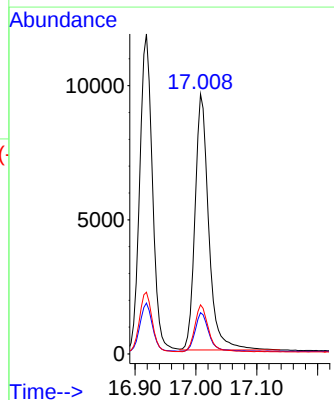
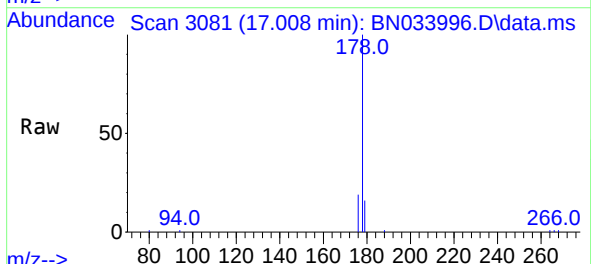
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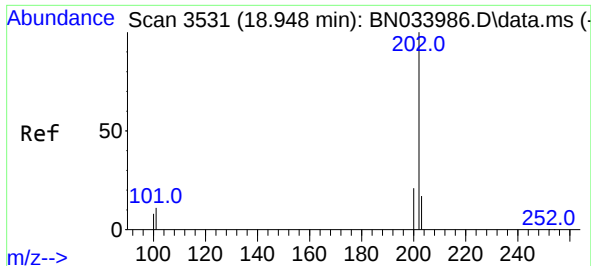
Tgt Ion:	178	Resp:	17164
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.3	15.7	23.5



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.008 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:	178	Resp:	14969
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	18.9	15.2	22.8

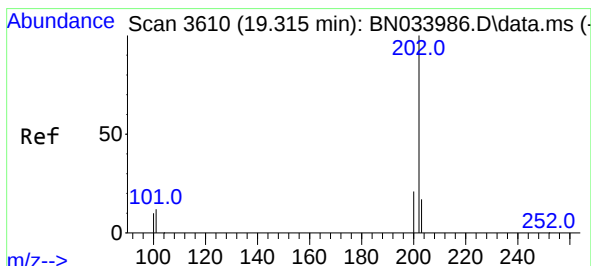
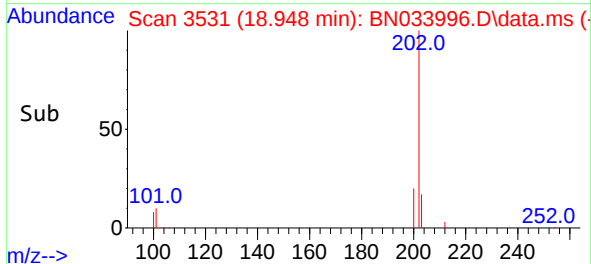
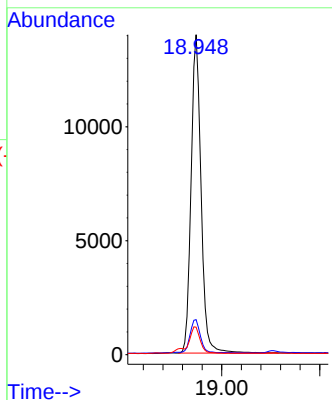
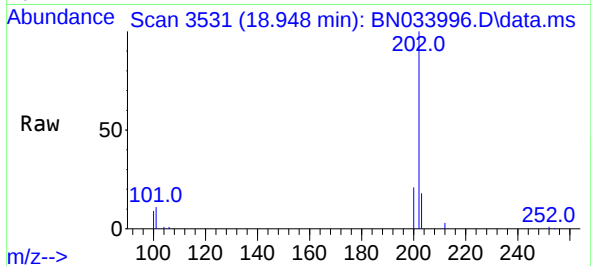




#19
Fluoranthene
Concen: 0.398 ng/u1
RT: 18.948 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

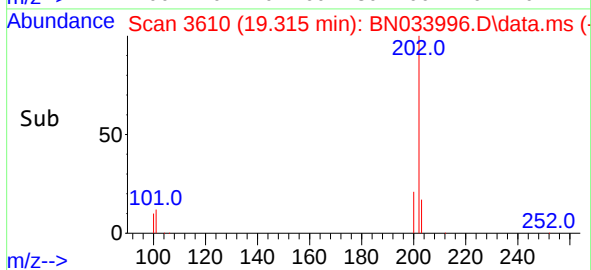
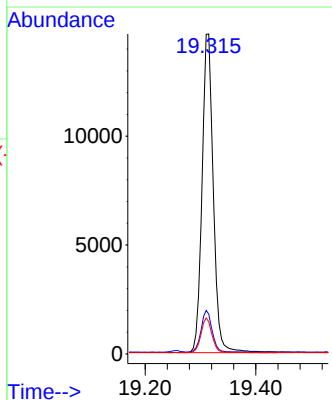
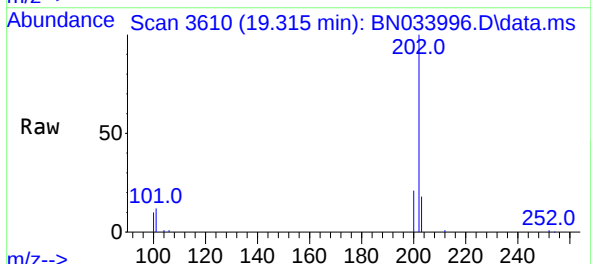
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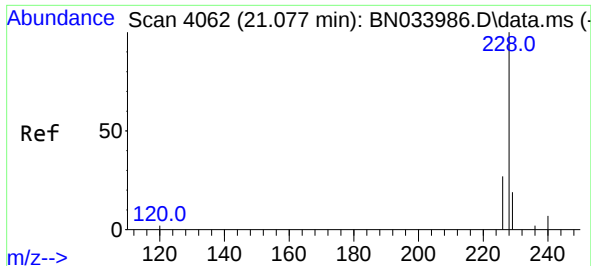
Tgt Ion:202 Resp: 19712
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.6 6.7 10.1



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:202 Resp: 20753
Ion Ratio Lower Upper
202 100
101 12.5 10.8 16.2
100 10.1 8.7 13.1

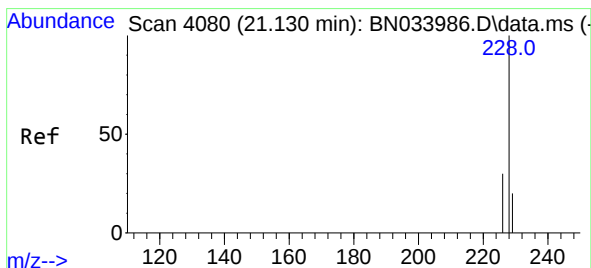
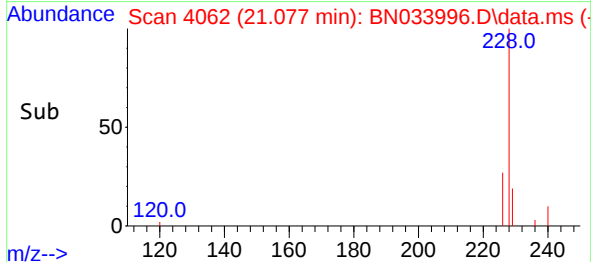
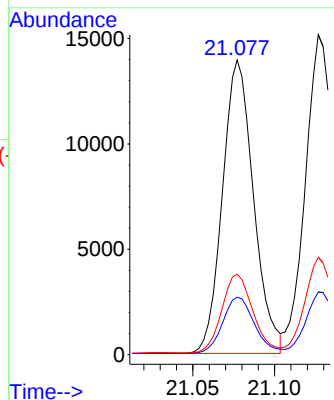
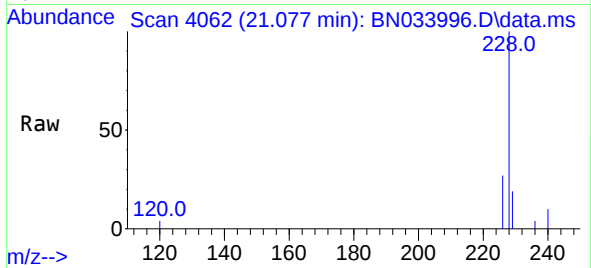




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

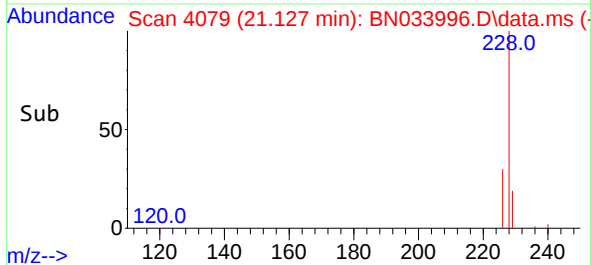
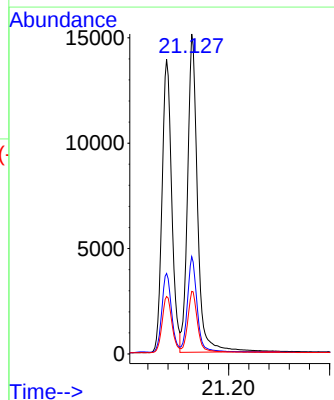
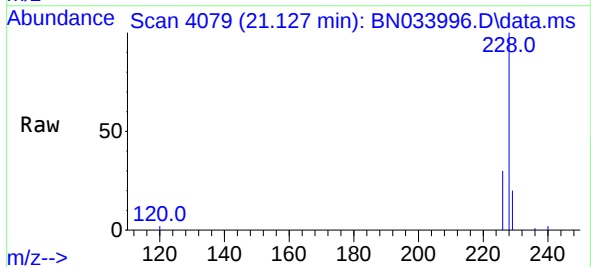
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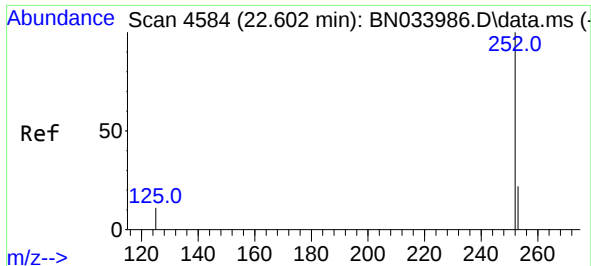
Tgt Ion:228	Resp:	18419
Ion Ratio	Lower	Upper
228	100	
229	19.5	15.4 23.2
226	27.3	22.1 33.1



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.127 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:228	Resp:	20674
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.2 36.2
229	19.6	15.6 23.4

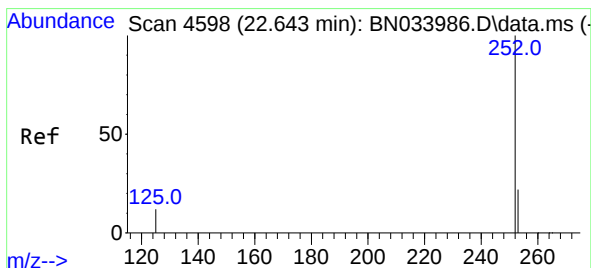
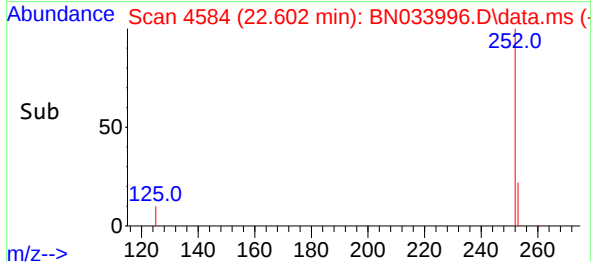
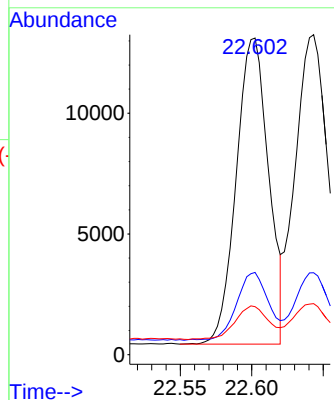
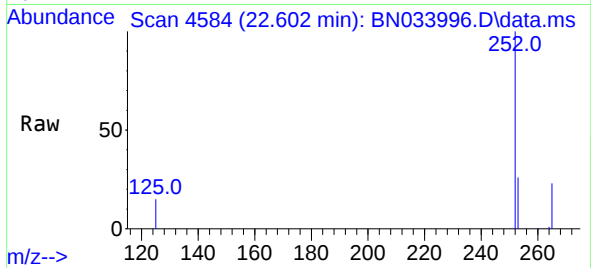




#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 22.602 min Scan# 4584
Delta R.T. -0.006 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

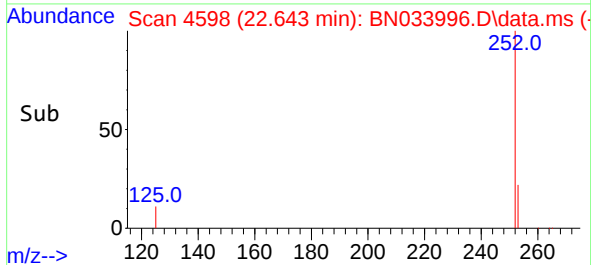
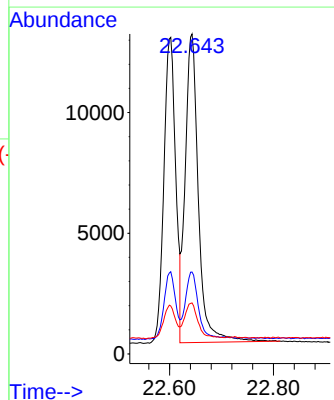
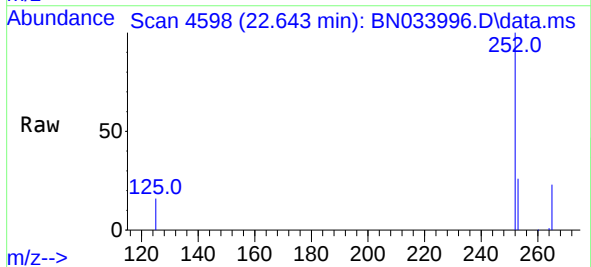
Instrument :
BNA_N
ClientSampleId :
SLCS194

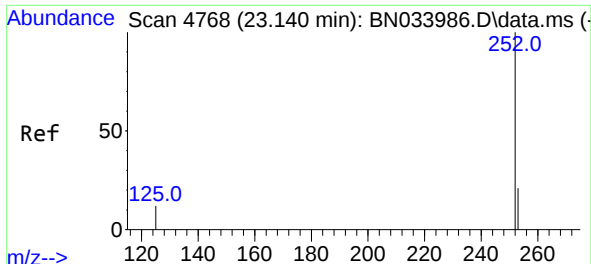
Tgt Ion:252 Resp: 19927
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 15.2 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 22.643 min Scan# 4598
Delta R.T. -0.009 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

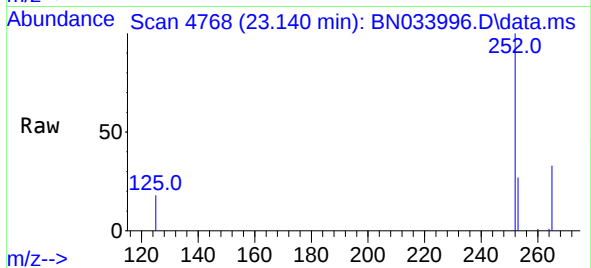
Tgt Ion:252 Resp: 22485
Ion Ratio Lower Upper
252 100
253 25.6 21.4 32.0
125 15.9 15.1 22.7



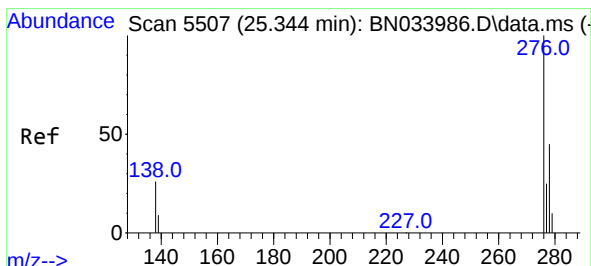
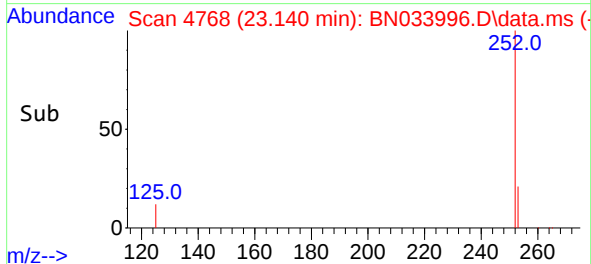
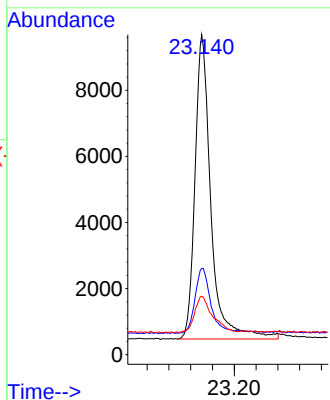


#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.140 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Instrument :
BNA_N
ClientSampleId :
SLCS194

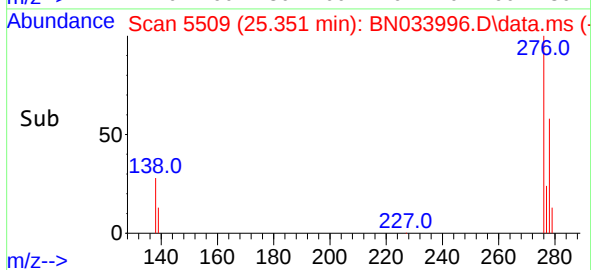
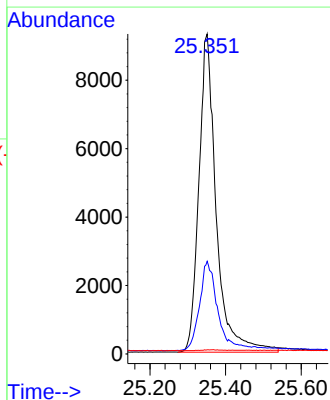
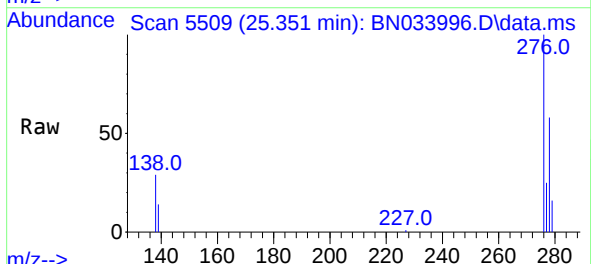


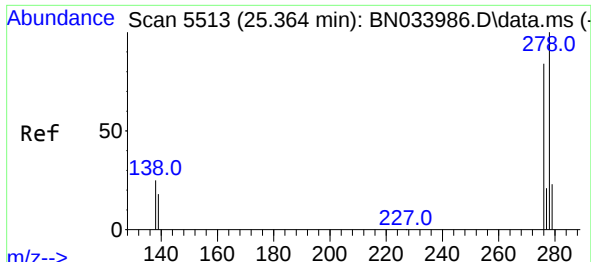
Tgt Ion:252 Resp: 18725
Ion Ratio Lower Upper
252 100
253 27.0 22.8 34.2
125 18.2 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 25.351 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:276 Resp: 29613
Ion Ratio Lower Upper
276 100
138 30.6 22.3 33.5
227 0.2 0.2 0.4

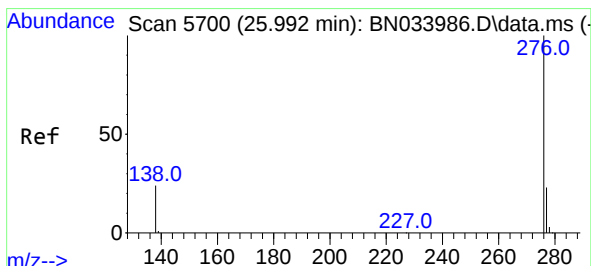
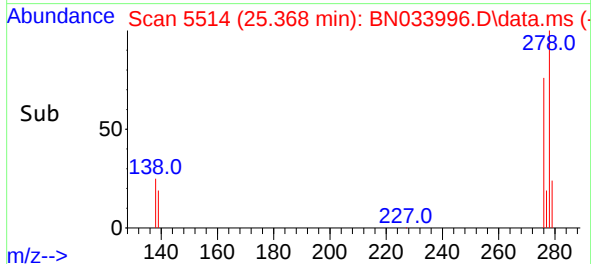
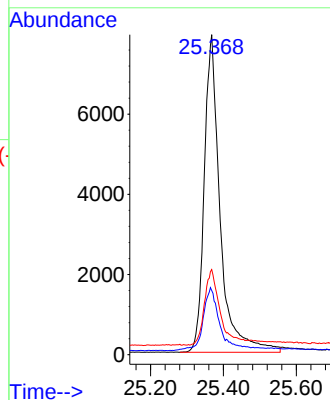
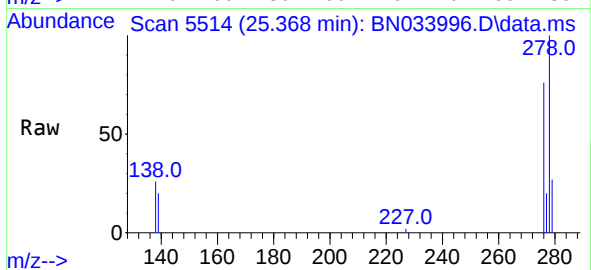




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 25.368 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Instrument :
BNA_N
ClientSampleId :
SLCS194

Tgt Ion:278 Resp: 24005
Ion Ratio Lower Upper
278 100
139 20.1 17.3 25.9
279 26.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 25.992 min Scan# 5700
Delta R.T. -0.010 min
Lab File: BN033996.D
Acq: 16 Sep 2024 20:02

Tgt Ion:276 Resp: 21085
Ion Ratio Lower Upper
276 100
138 24.6 20.8 31.2
277 24.6 20.2 30.4

