

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
 Data File : BN033997.D
 Acq On : 16 Sep 2024 20:38
 Operator : JU/RC
 Sample : PB163357BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 00:42:21 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)

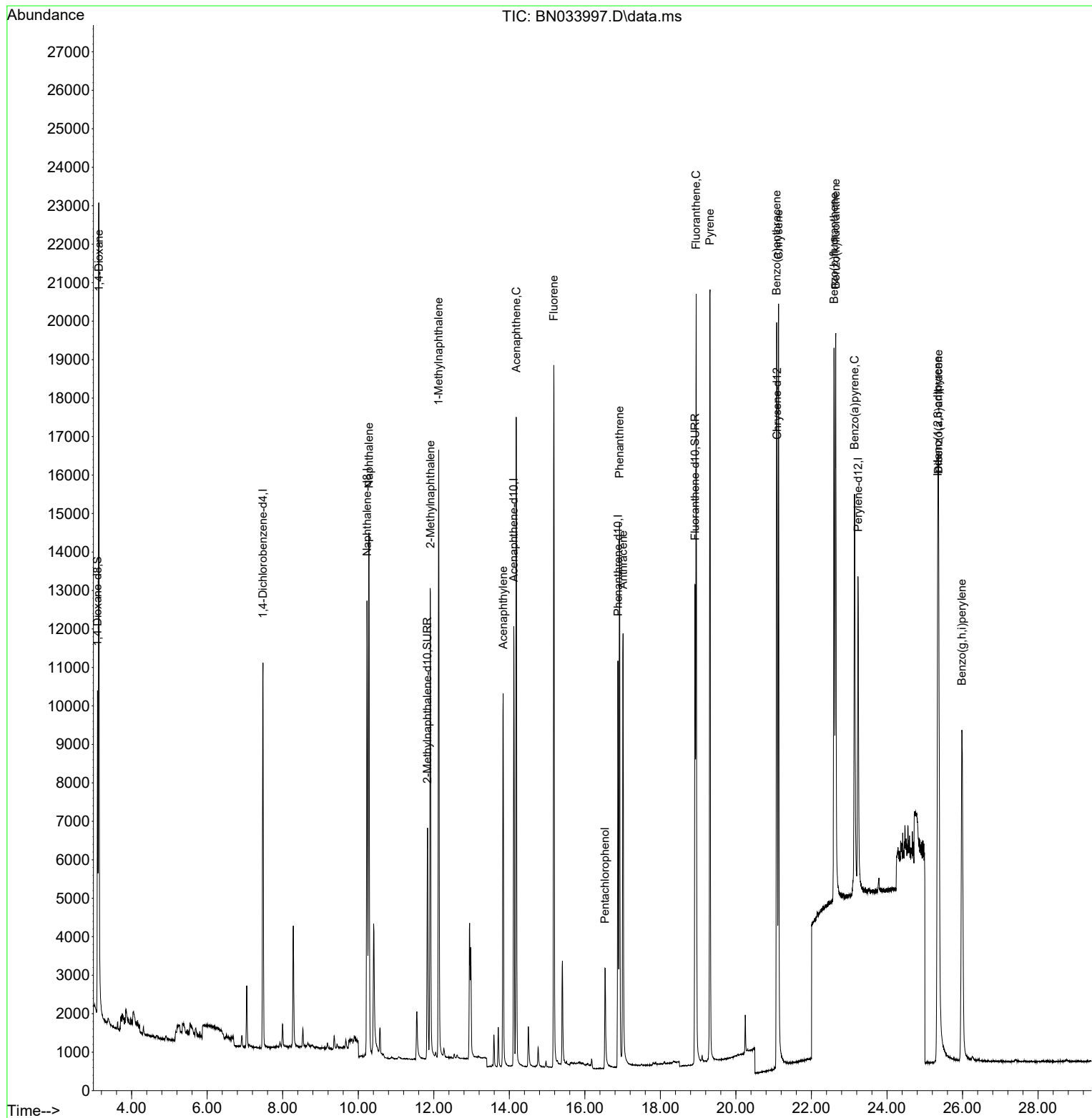
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	4846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	15823	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.119	164	6394	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.877	188	12730	0.400	ng/ul	0.00
17) Chrysene-d12	21.092	240	10126	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	11161	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	4767	0.957	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	8533	0.376	ng/ul	-0.01
18) Fluoranthene-d10	18.920	212	15264	0.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	12792	2.314	ng/ul#	80
5) Naphthalene	10.283	128	18405	0.435	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	9252	0.345	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	10970	0.398	ng/ul	99
10) Acenaphthylene	13.837	152	11517	0.397	ng/ul	100
11) Acenaphthene	14.184	153	9459	0.451	ng/ul	99
12) Fluorene	15.178	166	12079	0.516	ng/ul	99
14) Pentachlorophenol	16.535	266	2238	0.559	ng/ul	99
15) Phenanthrene	16.919	178	15341	0.409	ng/ul	99
16) Anthracene	17.012	178	13321	0.395	ng/ul	100
19) Fluoranthene	18.948	202	17321	0.434	ng/ul	99
20) Pyrene	19.315	202	18125	0.427	ng/ul	98
21) Benzo(a)anthracene	21.077	228	15724	0.394	ng/ul	99
22) Chrysene	21.130	228	17975	0.446	ng/ul	99
24) Benzo(b)fluoranthene	22.599	252	17058	0.394	ng/ul	98
25) Benzo(k)fluoranthene	22.643	252	19281	0.445	ng/ul	97
26) Benzo(a)pyrene	23.140	252	16143	0.464	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.344	276	22390	0.428	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.368	278	17290	0.426	ng/ul	98
29) Benzo(g,h,i)perylene	25.985	276	18053	0.442	ng/ul	99

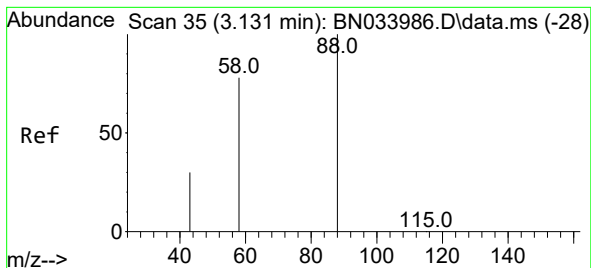
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.314 ng/ul

RT: 3.131 min Scan# 35

Delta R.T. -0.004 min

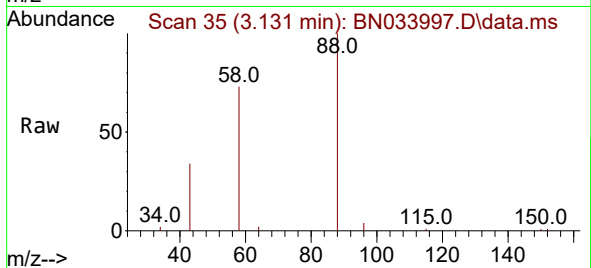
Lab File: BN033997.D

Acq: 16 Sep 2024 20:38

Instrument :

BNA_N

ClientSampleId :



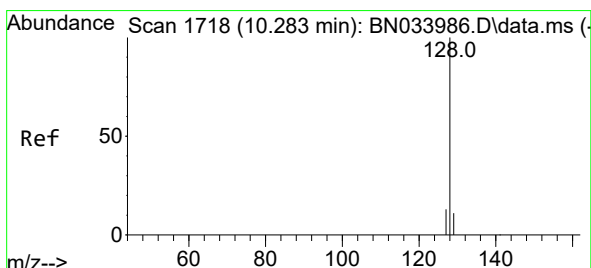
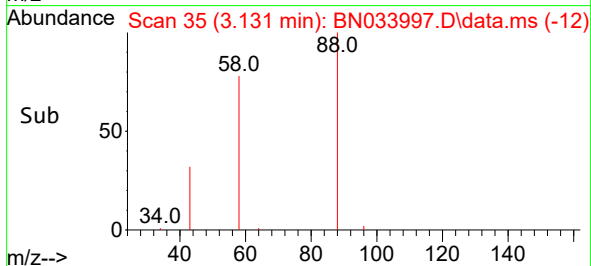
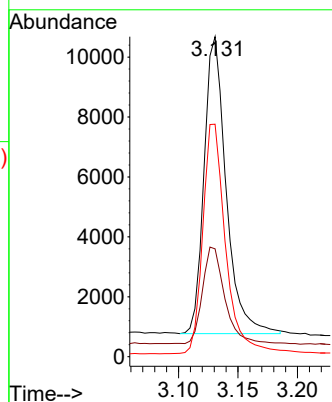
Tgt Ion: 88 Resp: 12792

Ion Ratio Lower Upper

88 100

43 33.7 47.0 70.4#

58 72.7 53.0 79.4



#5

Naphthalene

Concen: 0.435 ng/ul

RT: 10.283 min Scan# 1718

Delta R.T. -0.011 min

Lab File: BN033997.D

Acq: 16 Sep 2024 20:38

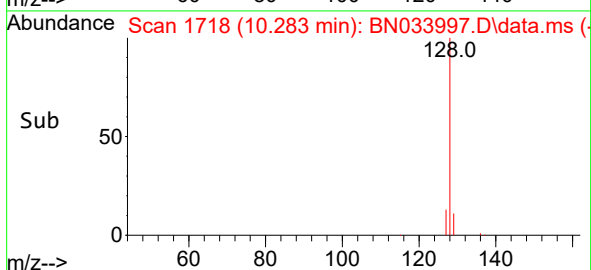
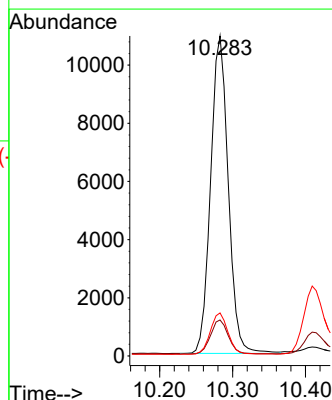
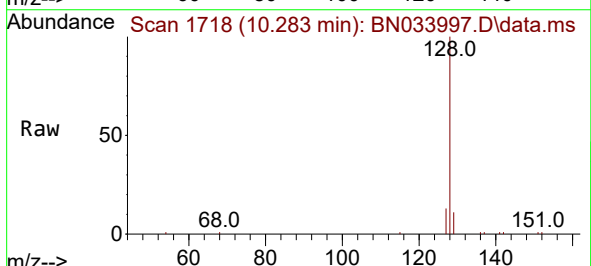
Tgt Ion:128 Resp: 18405

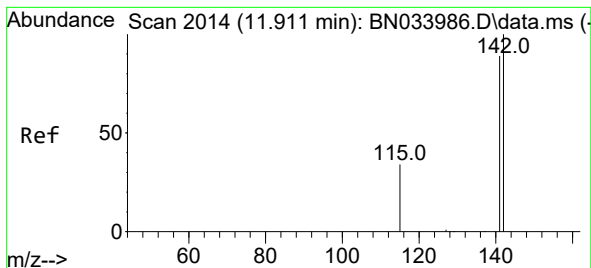
Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

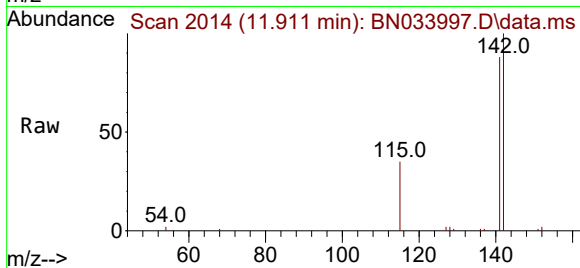
127 13.5 10.8 16.2



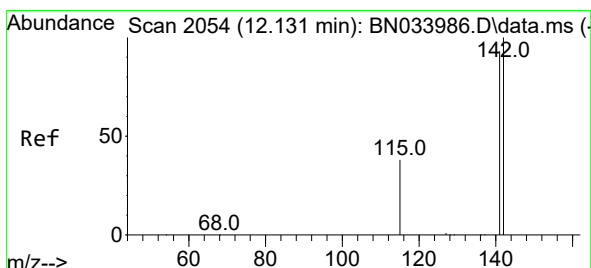
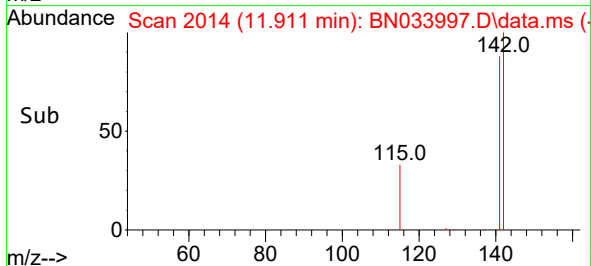
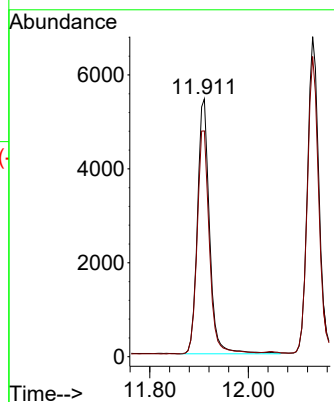


#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Instrument :
BNA_N
ClientSampleId :

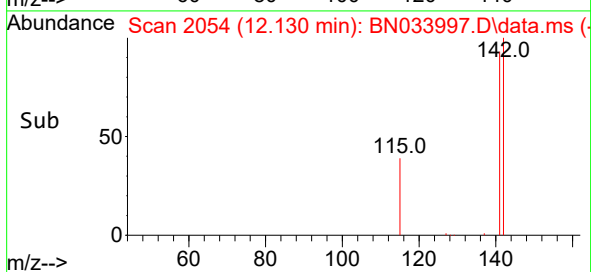
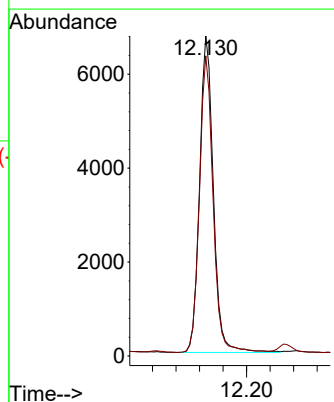
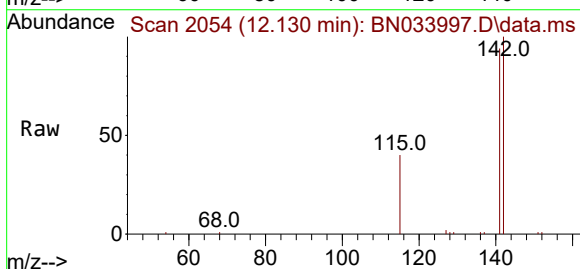


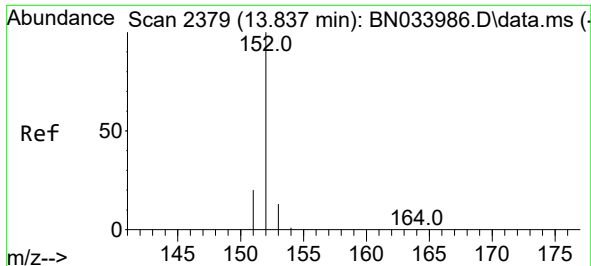
Tgt Ion:142 Resp: 9252
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

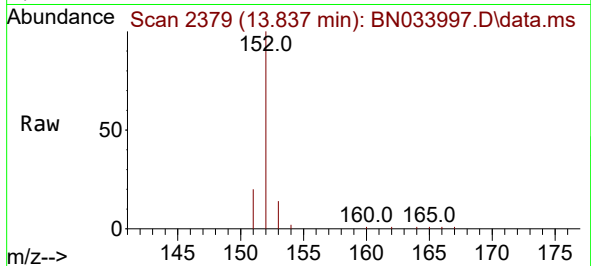
Tgt Ion:142 Resp: 10970
Ion Ratio Lower Upper
142 100
141 93.0 73.6 110.4



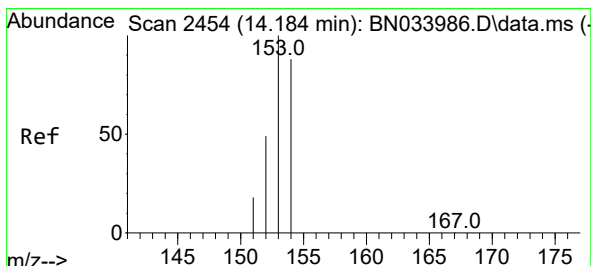
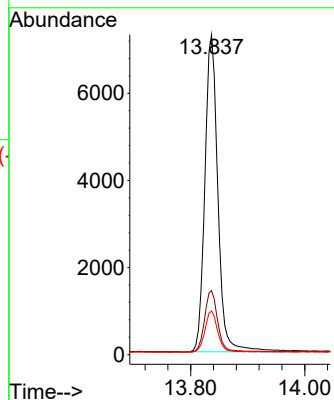


#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 13.837 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Instrument :
BNA_N
ClientSampleId :

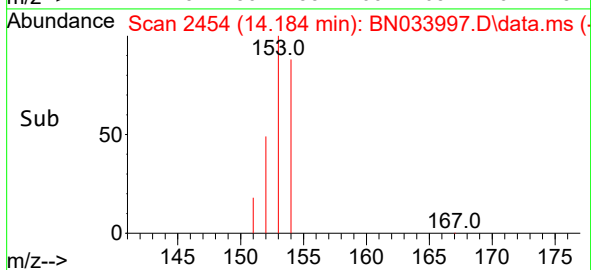
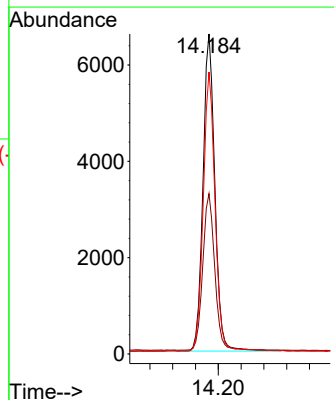
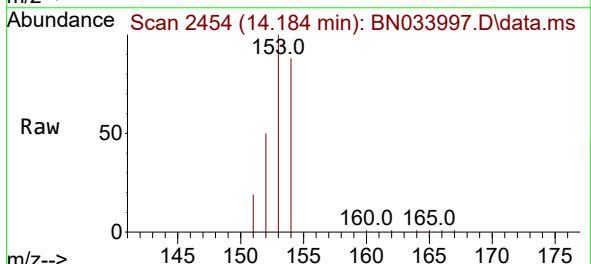


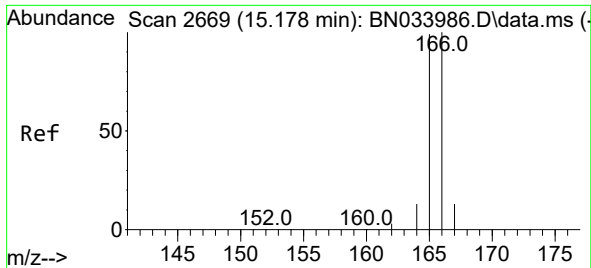
Tgt Ion:152 Resp: 11517
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.451 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Tgt Ion:153 Resp: 9459
Ion Ratio Lower Upper
153 100
152 50.1 39.8 59.8
154 88.1 69.0 103.6

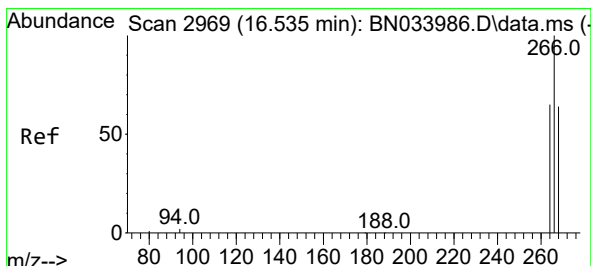
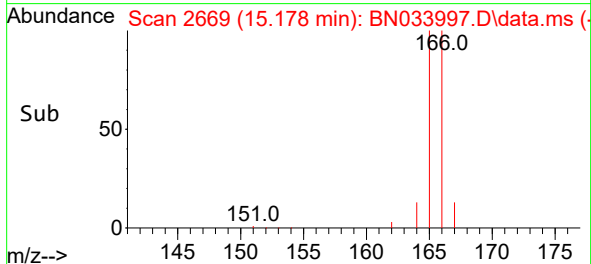
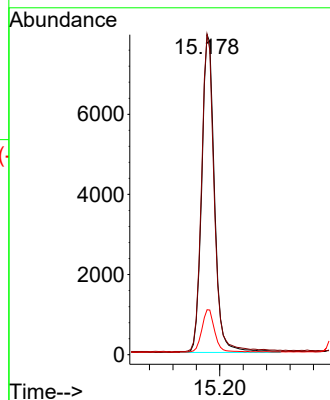
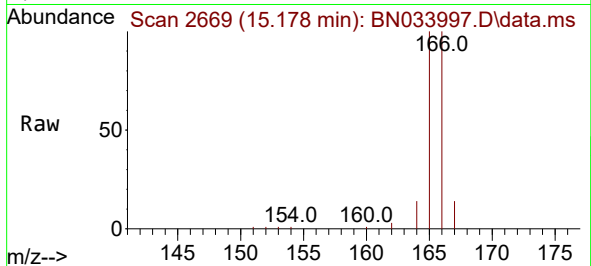




#12
Fluorene
Concen: 0.516 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

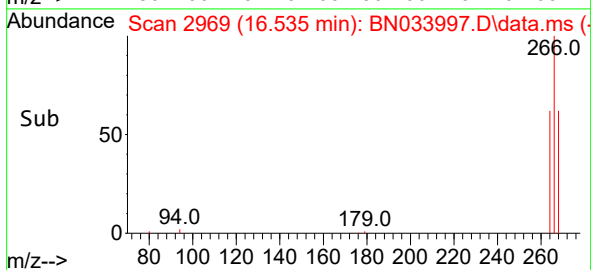
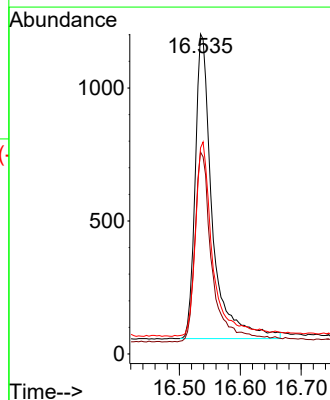
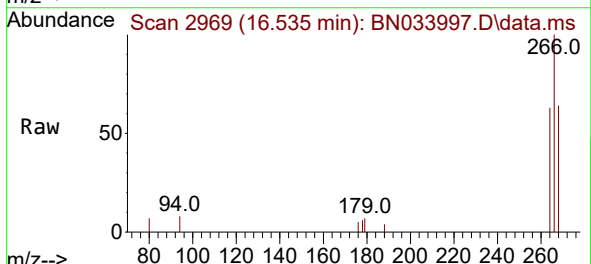
Instrument :
BNA_N
ClientSampleId :

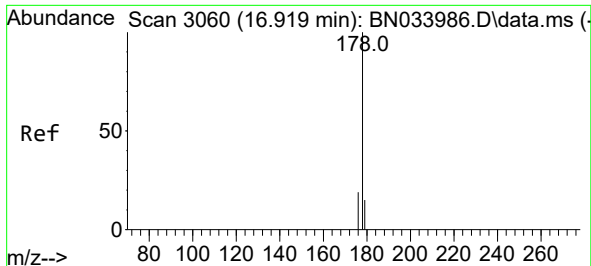
Tgt Ion:166 Resp: 12079
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.559 ng/ul
RT: 16.535 min Scan# 2969
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

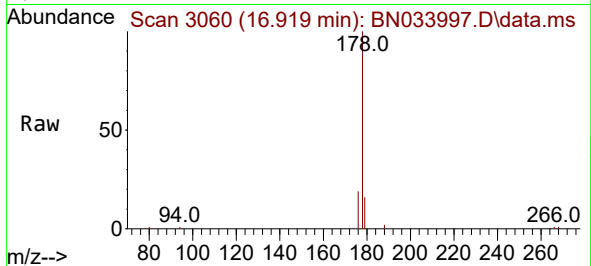
Tgt Ion:266 Resp: 2238
Ion Ratio Lower Upper
266 100
264 63.5 50.3 75.5
268 65.7 51.7 77.5



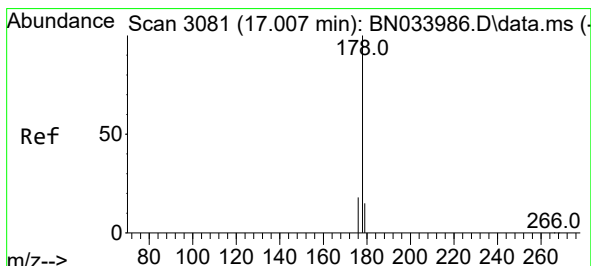
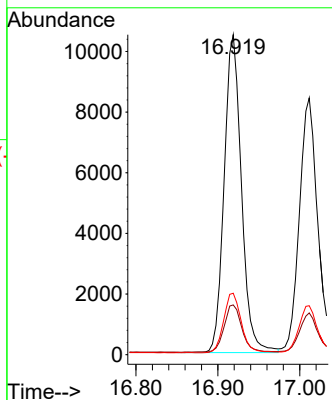
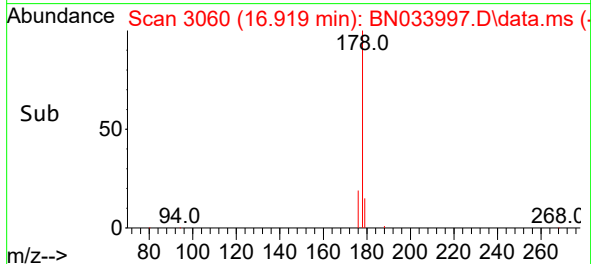


#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 16.919 min Scan# 3060
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Instrument :
BNA_N
ClientSampleId :

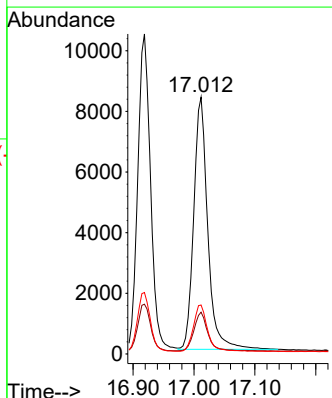
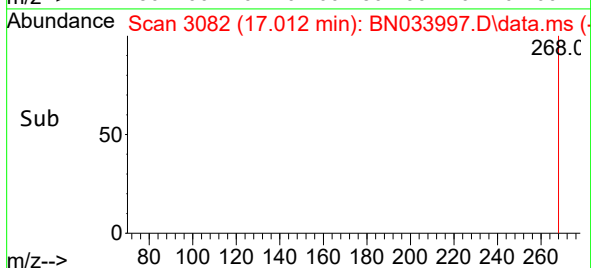
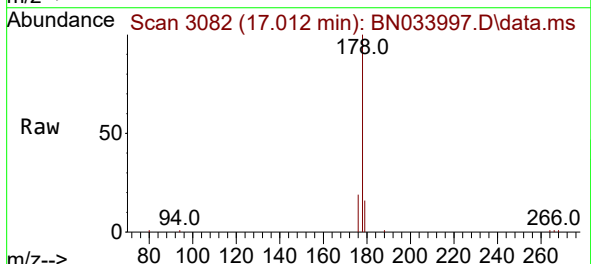


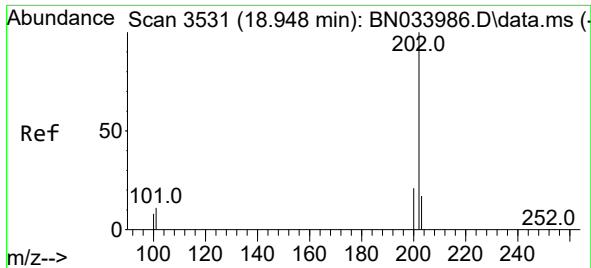
Tgt Ion:178 Resp: 15341
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.2 15.7 23.5



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.012 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Tgt Ion:178 Resp: 13321
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.1 15.2 22.8

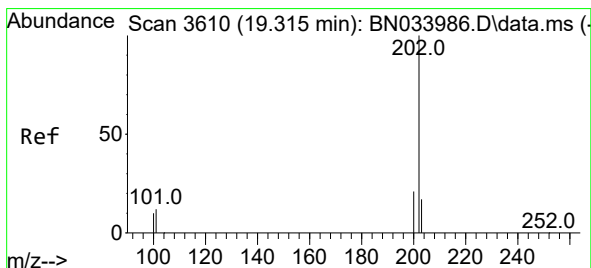
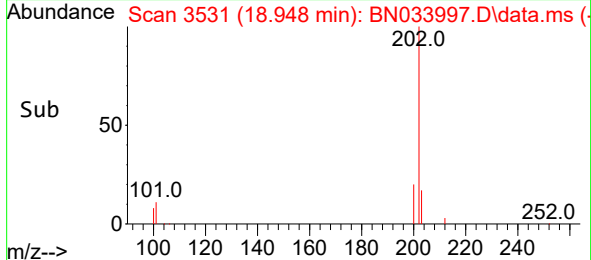
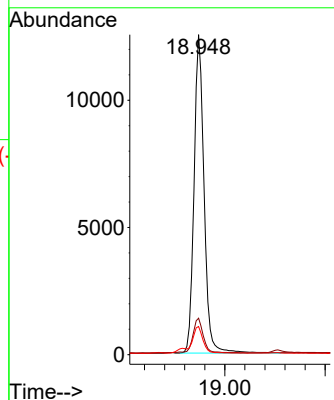
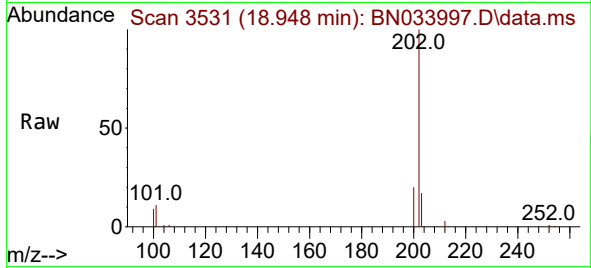




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.010 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

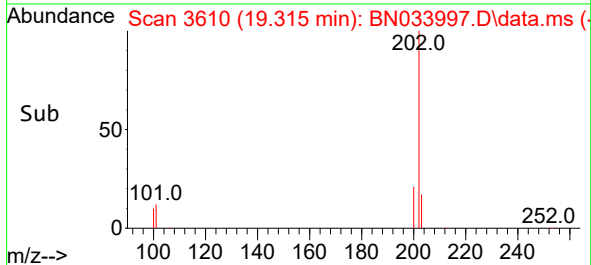
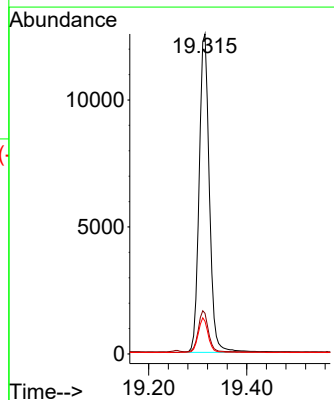
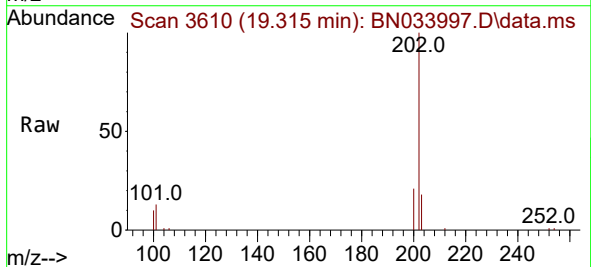
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BNA_N
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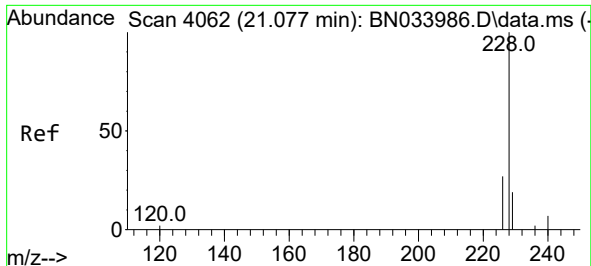
Tgt Ion:202 Resp: 17321
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

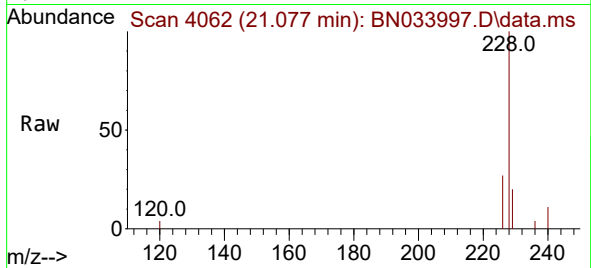
Tgt Ion:202 Resp: 18125
Ion Ratio Lower Upper
202 100
101 12.7 10.8 16.2
100 10.2 8.7 13.1



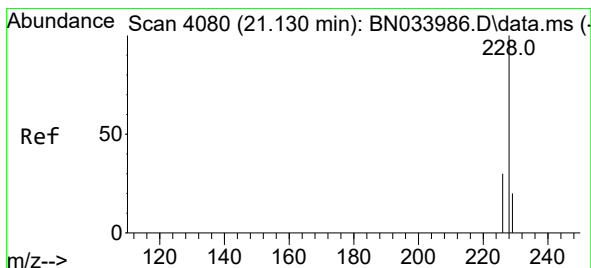
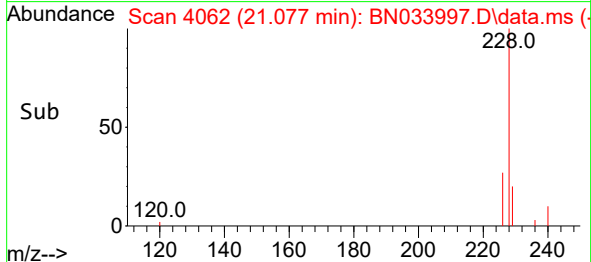
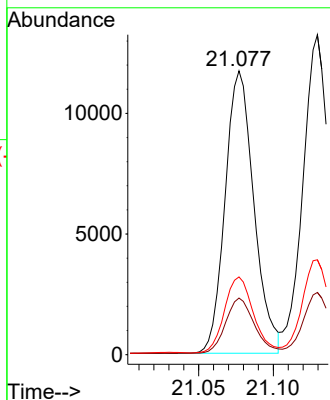


#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Instrument :
BNA_N
ClientSampleId :

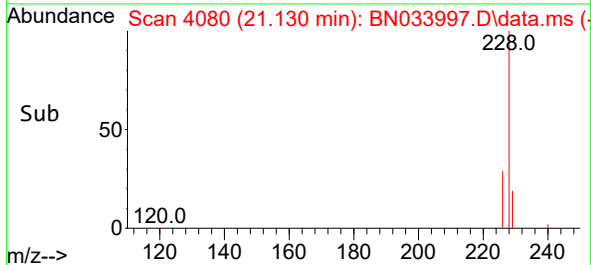
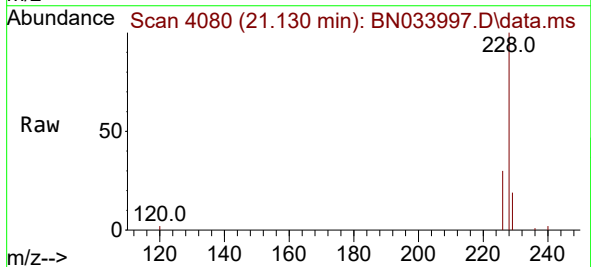
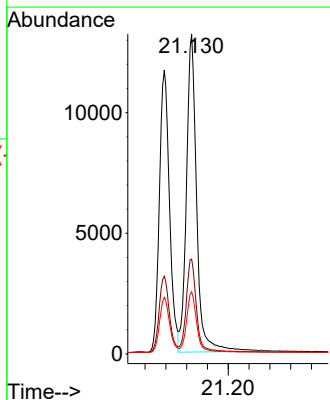


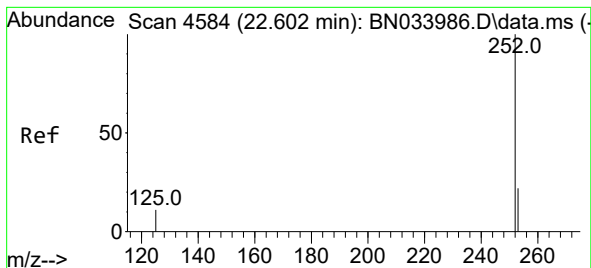
Tgt Ion:228 Resp: 15724
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.446 ng/ul
RT: 21.130 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033997.D
Acq: 16 Sep 2024 20:38

Tgt Ion:228 Resp: 17975
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.4 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.394 ng/ul

RT: 22.599 min Scan# 4583

Delta R.T. -0.009 min

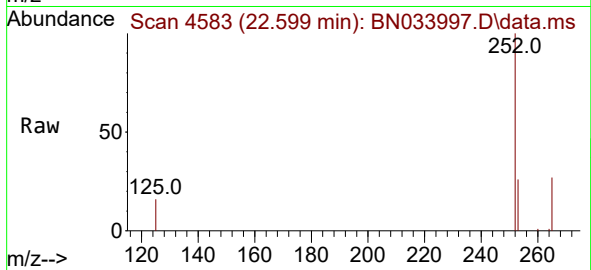
Lab File: BN033997.D

Acq: 16 Sep 2024 20:38

Instrument :

BNA_N

ClientSampleId :



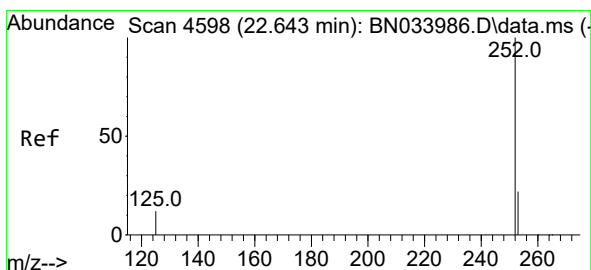
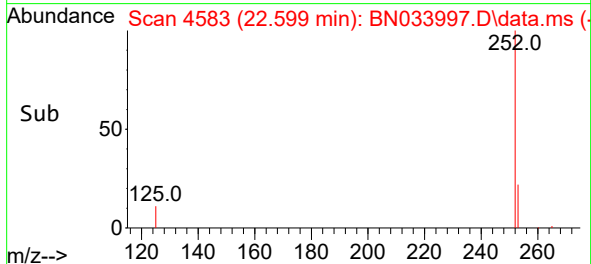
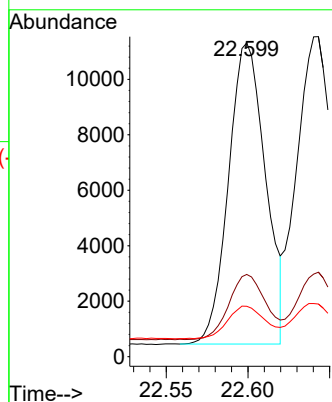
Tgt Ion:252 Resp: 17058

Ion Ratio Lower Upper

252 100

253 26.2 0.0 52.8

125 16.1 0.0 36.4



#25

Benzo(k)fluoranthene

Concen: 0.445 ng/ul

RT: 22.643 min Scan# 4598

Delta R.T. -0.009 min

Lab File: BN033997.D

Acq: 16 Sep 2024 20:38

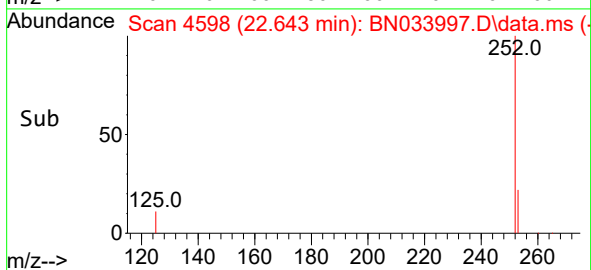
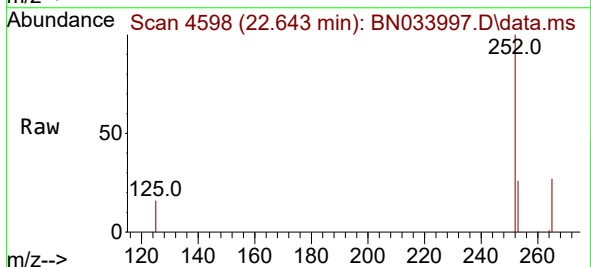
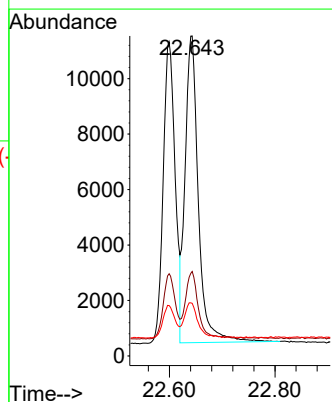
Tgt Ion:252 Resp: 19281

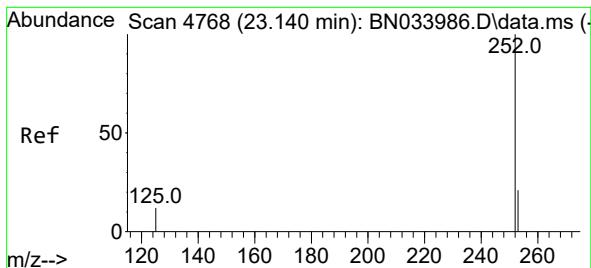
Ion Ratio Lower Upper

252 100

253 26.4 21.4 32.0

125 16.5 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.464 ng/ul

RT: 23.140 min Scan# 4768

Delta R.T. -0.012 min

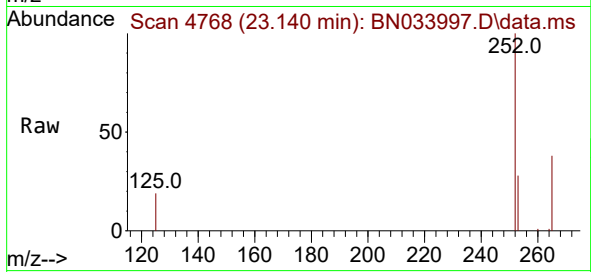
Lab File: BN033997.D

Acq: 16 Sep 2024 20:38

Instrument :

BNA_N

ClientSampleId :



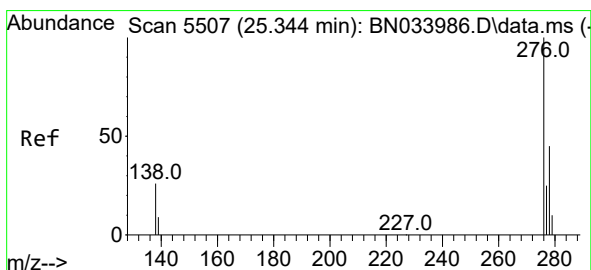
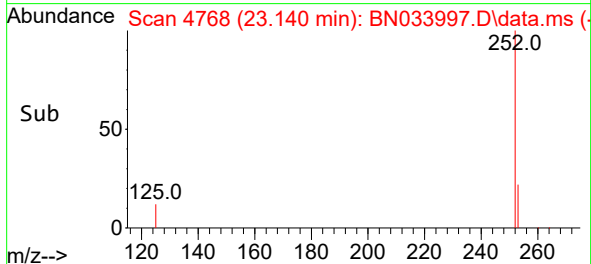
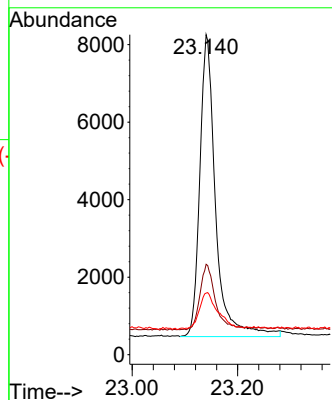
Tgt Ion:252 Resp: 16143

Ion Ratio Lower Upper

252 100

253 28.3 22.8 34.2

125 19.3 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.428 ng/ul

RT: 25.344 min Scan# 5507

Delta R.T. -0.017 min

Lab File: BN033997.D

Acq: 16 Sep 2024 20:38

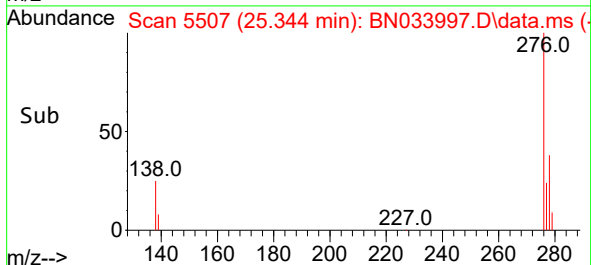
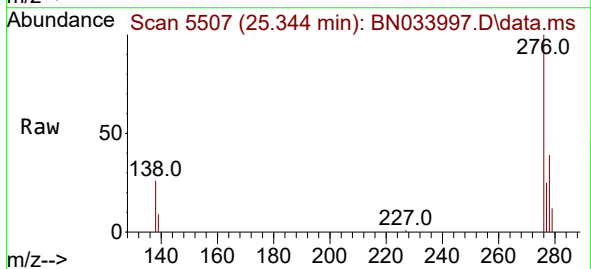
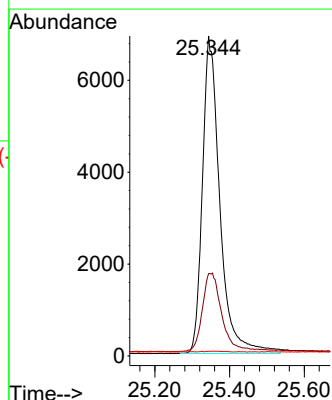
Tgt Ion:276 Resp: 22390

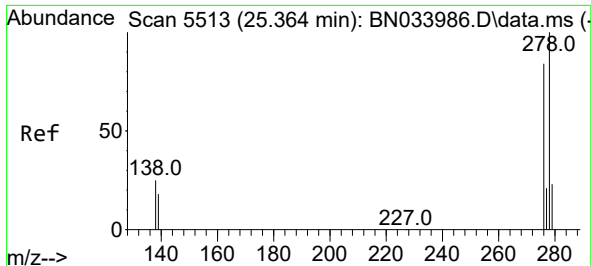
Ion Ratio Lower Upper

276 100

138 27.9 22.3 33.5

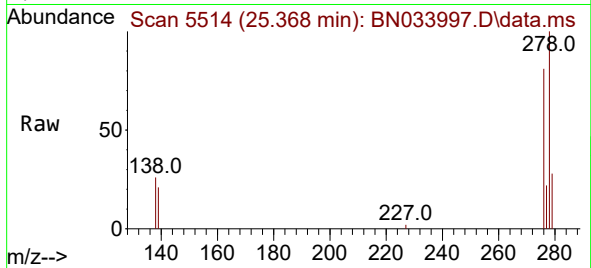
227 0.0 0.2 0.4#



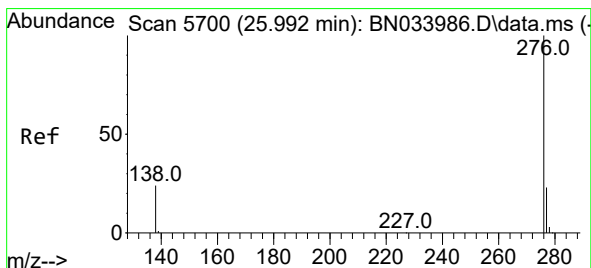
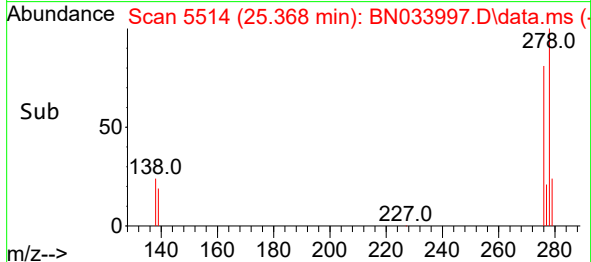
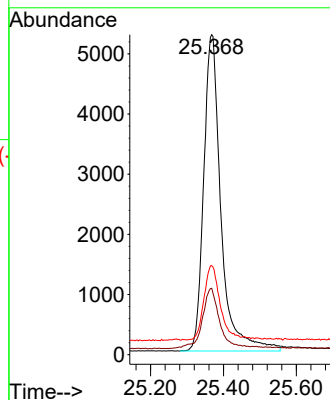


#28
 Dibenzo(a,h)anthracene
 Concen: 0.426 ng/ul
 RT: 25.368 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN033997.D
 Acq: 16 Sep 2024 20:38

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 17290
 Ion Ratio Lower Upper
 278 100
 139 20.8 17.3 25.9
 279 27.8 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.442 ng/ul
 RT: 25.985 min Scan# 5698
 Delta R.T. -0.017 min
 Lab File: BN033997.D
 Acq: 16 Sep 2024 20:38

Tgt Ion:276 Resp: 18053
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.8 31.2
 277 24.8 20.2 30.4

