

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091624\
 Data File : BN033999.D
 Acq On : 16 Sep 2024 22:26
 Operator : JU/RC
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 00:42:39 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

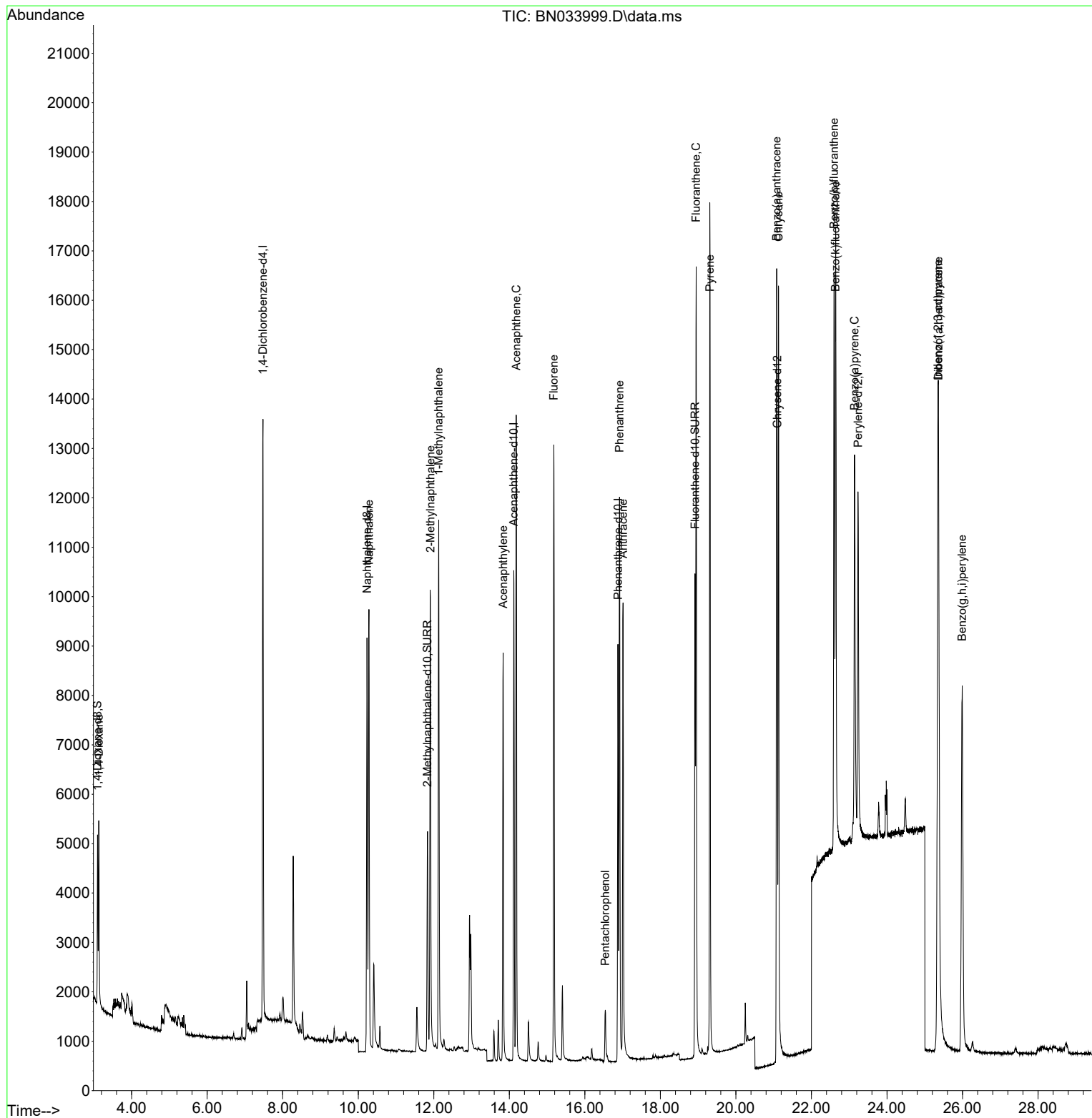
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	6170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.233	136	11327	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.119	164	5510	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.877	188	10875	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	8785	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	9784	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2056	0.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	6481	0.399	ng/ul	-0.01
18) Fluoranthene-d10	18.915	212	11447	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	2251	0.320	ng/ul#	89
5) Naphthalene	10.283	128	12365	0.408	ng/ul	100
7) 2-Methylnaphthalene	11.911	142	7603	0.396	ng/ul	99
8) 1-Methylnaphthalene	12.131	142	7842	0.397	ng/ul	100
10) Acenaphthylene	13.837	152	9866	0.394	ng/ul	99
11) Acenaphthene	14.184	153	7698	0.426	ng/ul	99
12) Fluorene	15.178	166	8403	0.416	ng/ul	100
14) Pentachlorophenol	16.539	266	977	0.286	ng/ul	100
15) Phenanthrene	16.919	178	12756	0.398	ng/ul	100
16) Anthracene	17.012	178	10907	0.378	ng/ul	100
19) Fluoranthene	18.948	202	14474	0.418	ng/ul	99
20) Pyrene	19.310	202	15197	0.413	ng/ul	100
21) Benzo(a)anthracene	21.077	228	13242	0.383	ng/ul	99
22) Chrysene	21.127	228	15047	0.431	ng/ul	99
24) Benzo(b)fluoranthene	22.599	252	14678	0.386	ng/ul	98
25) Benzo(k)fluoranthene	22.640	252	16310	0.429	ng/ul	99
26) Benzo(a)pyrene	23.140	252	12343	0.405	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.348	276	18953	0.414	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.365	278	14652	0.412	ng/ul	98
29) Benzo(g,h,i)perylene	25.992	276	15268	0.427	ng/ul	99

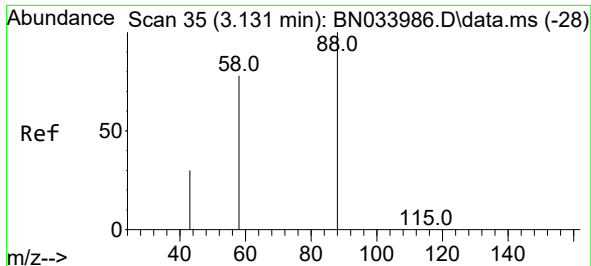
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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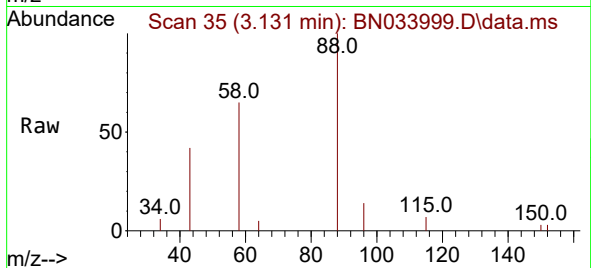
Quant Time: Sep 17 00:42:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
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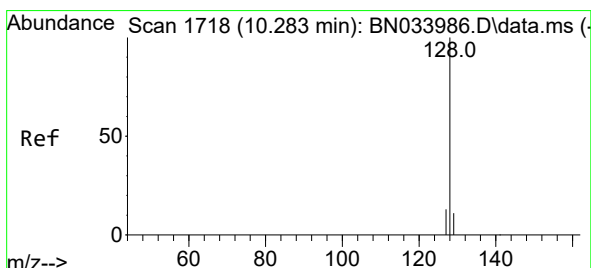
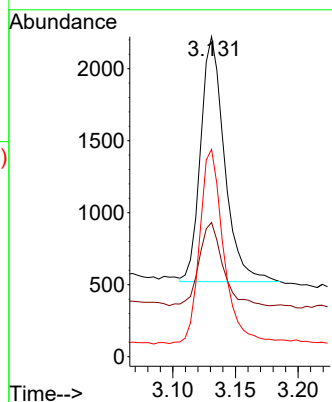
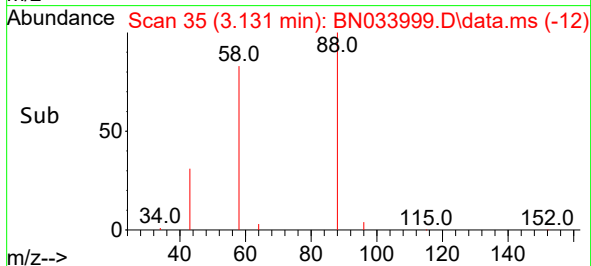


#2
1,4-Dioxane
Concen: 0.320 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Instrument :
BNA_N
ClientSampleId :

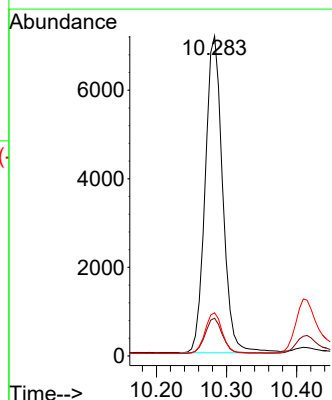
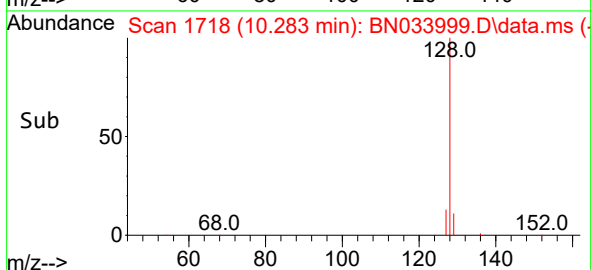
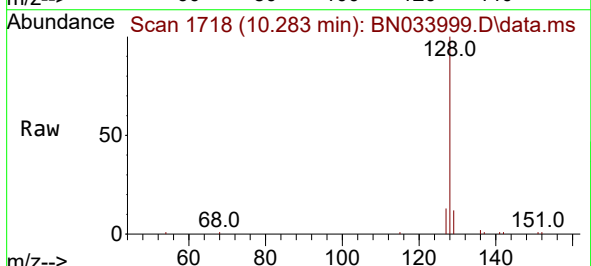


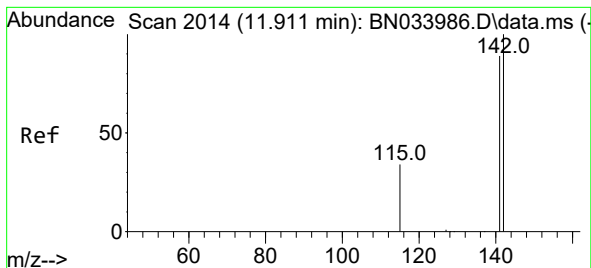
Tgt Ion: 88 Resp: 2251
Ion Ratio Lower Upper
88 100
43 41.9 47.0 70.4#
58 64.8 53.0 79.4



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.283 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

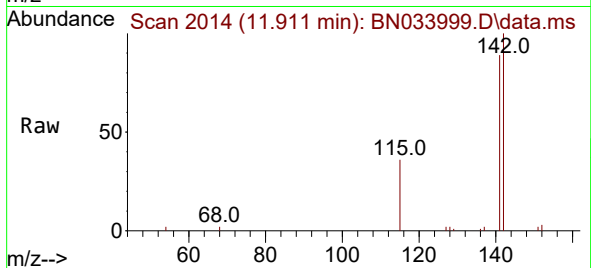
Tgt Ion: 128 Resp: 12365
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.8 16.2



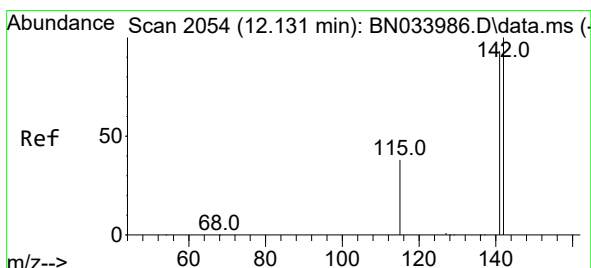
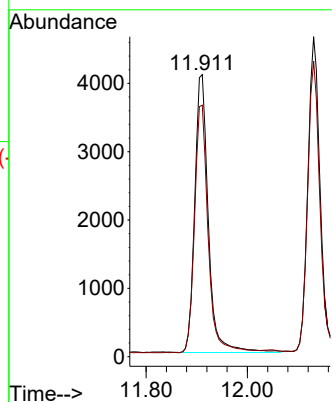
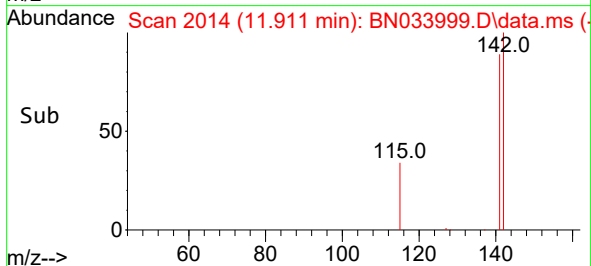


#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

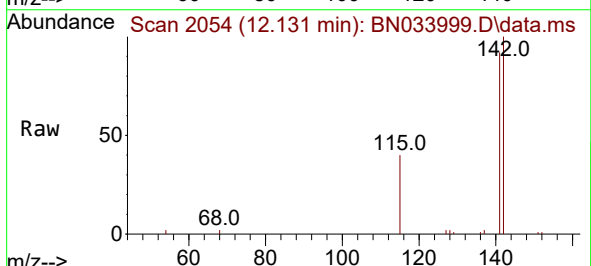
Instrument :
BNA_N
ClientSampleId :



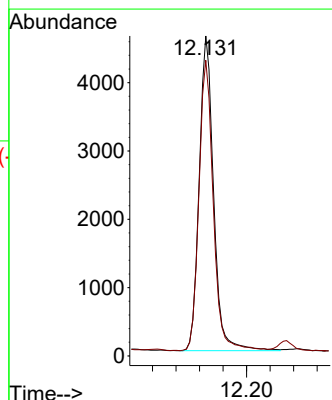
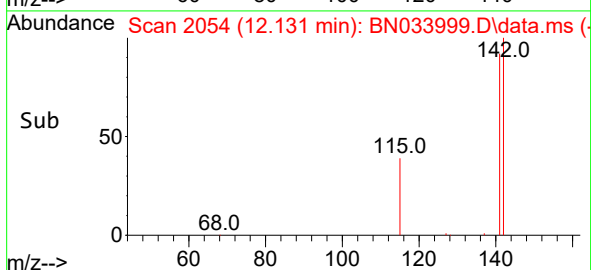
Tgt Ion:142 Resp: 7603
Ion Ratio Lower Upper
142 100
141 90.0 71.1 106.7

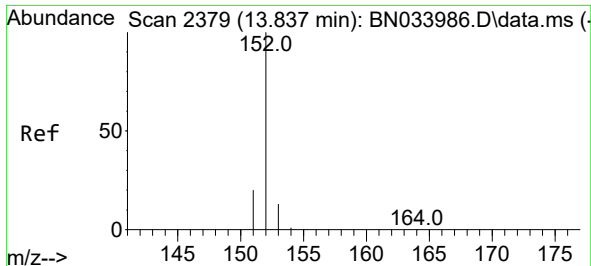


#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.131 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26



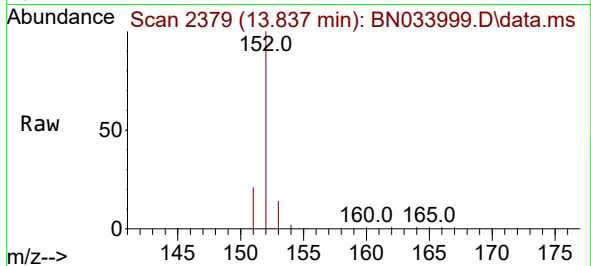
Tgt Ion:142 Resp: 7842
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4



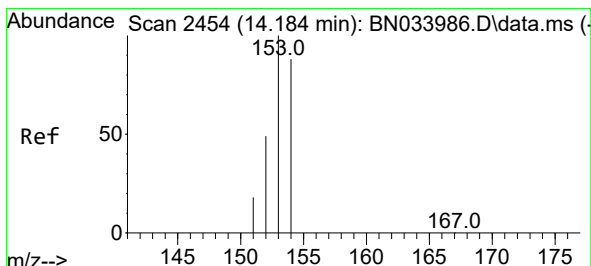
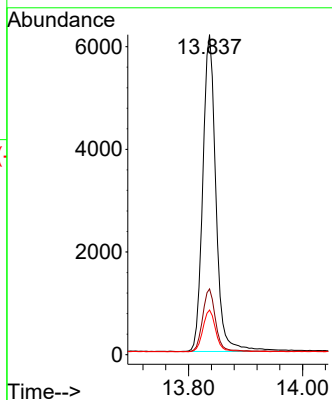


#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.837 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Instrument :
BNA_N
ClientSampleId :

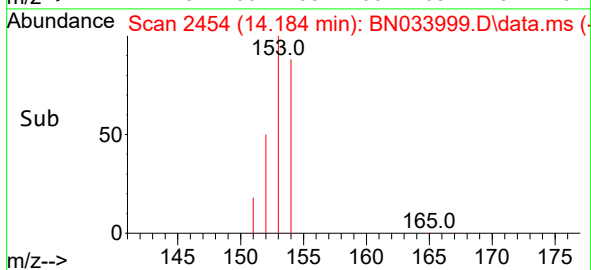
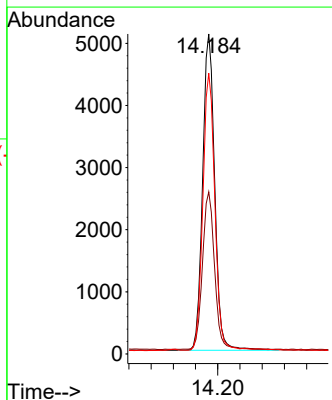
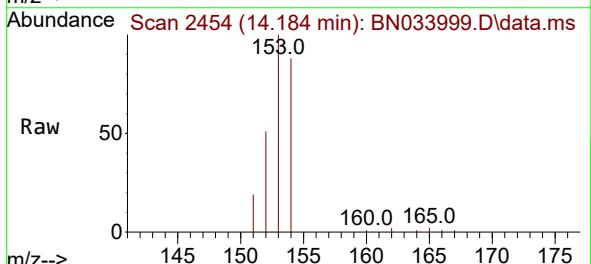


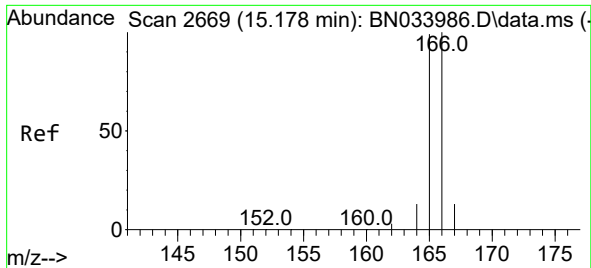
Tgt Ion:152 Resp: 9866
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.426 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

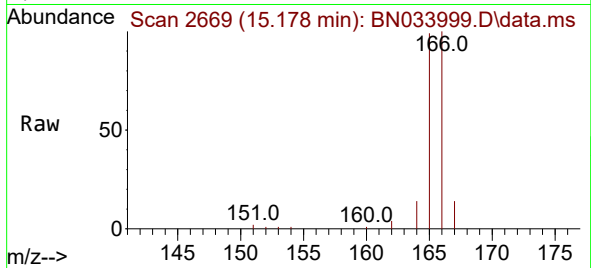
Tgt Ion:153 Resp: 7698
Ion Ratio Lower Upper
153 100
152 50.6 39.8 59.8
154 87.8 69.0 103.6



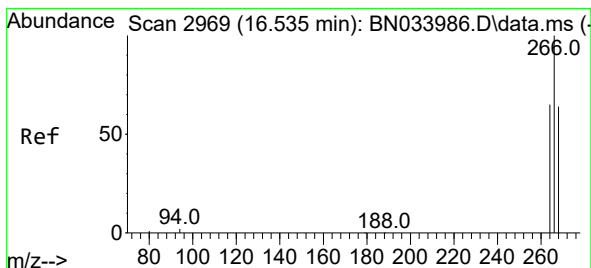
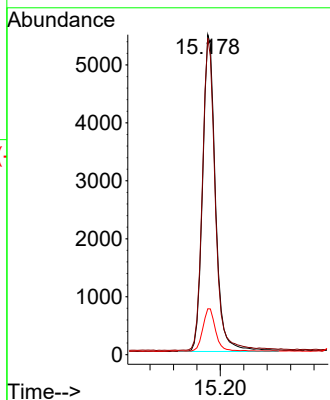
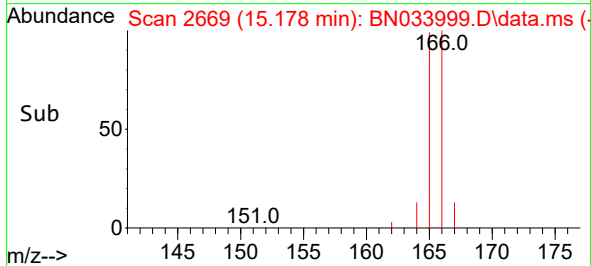


#12
Fluorene
Concen: 0.416 ng/ul
RT: 15.178 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

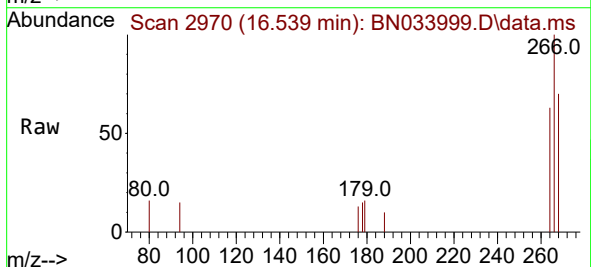
Instrument :
BNA_N
ClientSampleId :



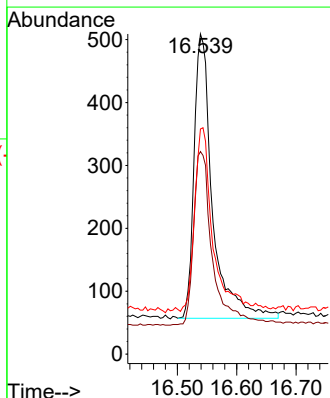
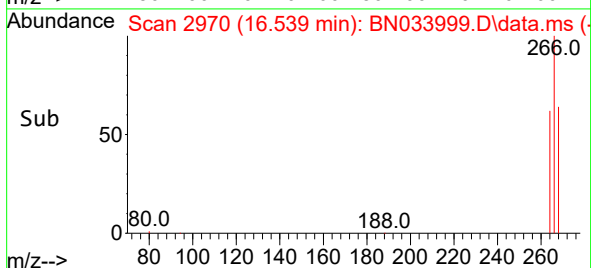
Tgt Ion:166 Resp: 8403
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 14.3 11.4 17.0

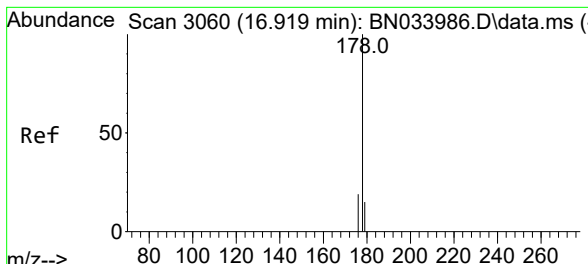


#14
Pentachlorophenol
Concen: 0.286 ng/ul
RT: 16.539 min Scan# 2970
Delta R.T. -0.004 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26



Tgt Ion:266 Resp: 977
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.7 51.7 77.5





#15

Phenanthrene

Concen: 0.398 ng/ul

RT: 16.919 min Scan# 3060

Delta R.T. -0.008 min

Lab File: BN033999.D

Acq: 16 Sep 2024 22:26

Instrument :

BNA_N

ClientSampleId :

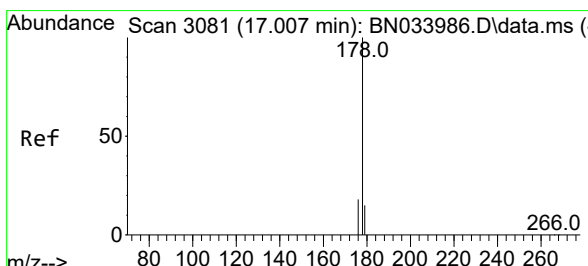
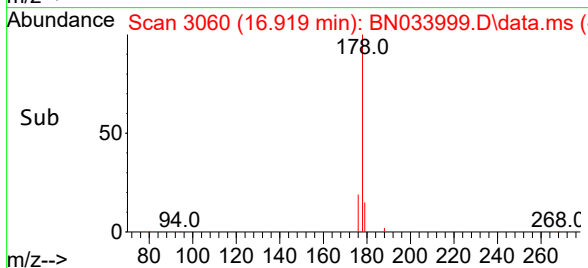
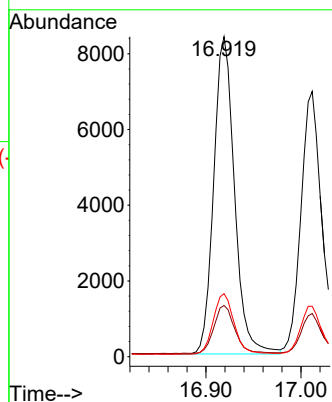
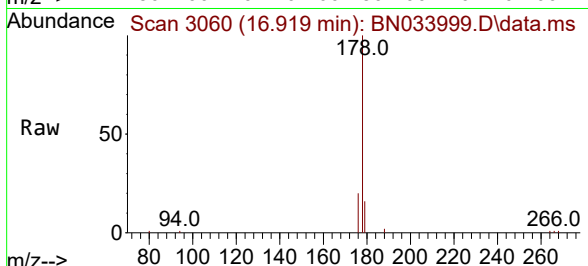
Tgt Ion:178 Resp: 12756

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 19.7 15.7 23.5



#16

Anthracene

Concen: 0.378 ng/ul

RT: 17.012 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BN033999.D

Acq: 16 Sep 2024 22:26

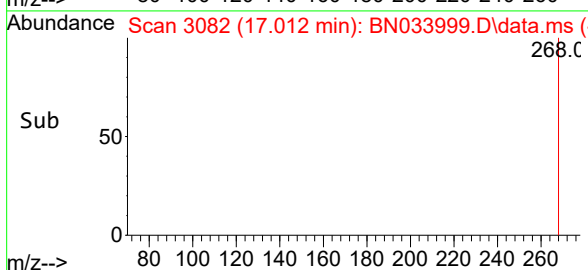
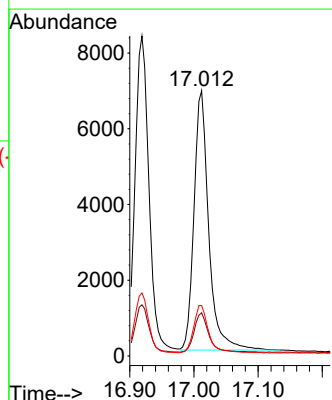
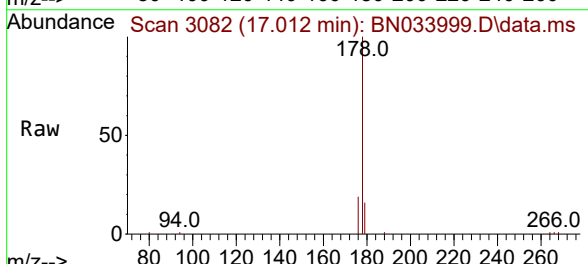
Tgt Ion:178 Resp: 10907

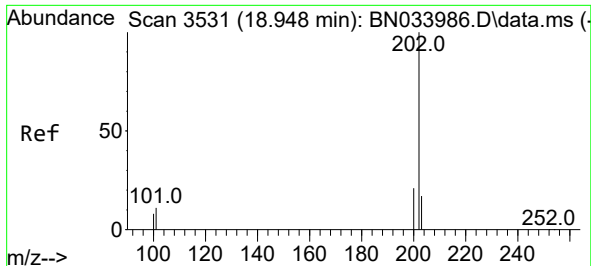
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

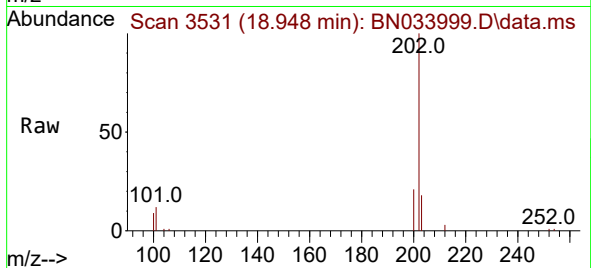
176 19.0 15.2 22.8



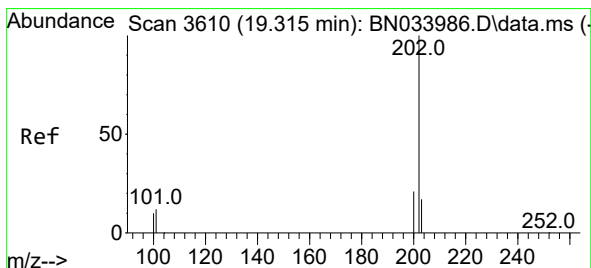
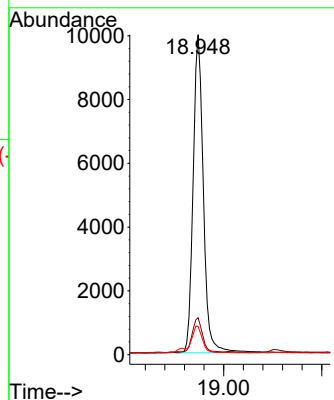


#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Instrument :
BNA_N
ClientSampleId :

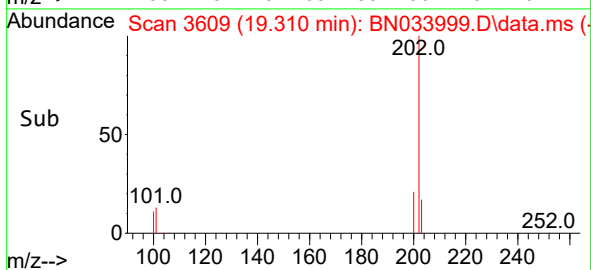
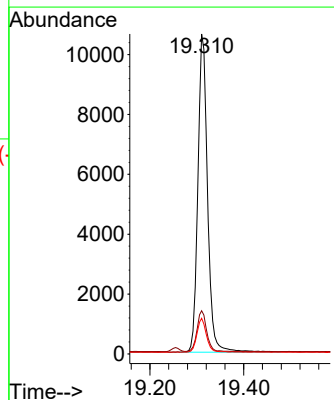
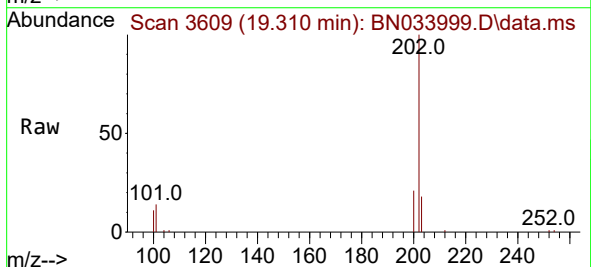


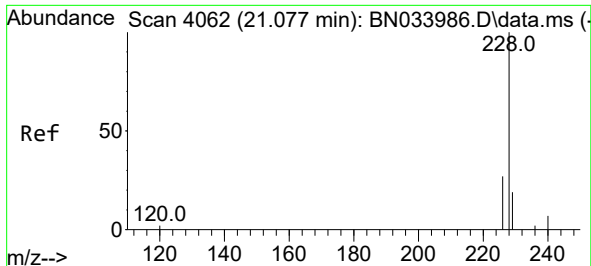
Tgt Ion:202 Resp: 14474
Ion Ratio Lower Upper
202 100
101 11.6 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.310 min Scan# 3609
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

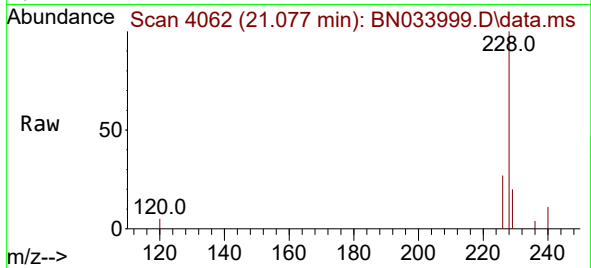
Tgt Ion:202 Resp: 15197
Ion Ratio Lower Upper
202 100
101 13.5 10.8 16.2
100 11.2 8.7 13.1



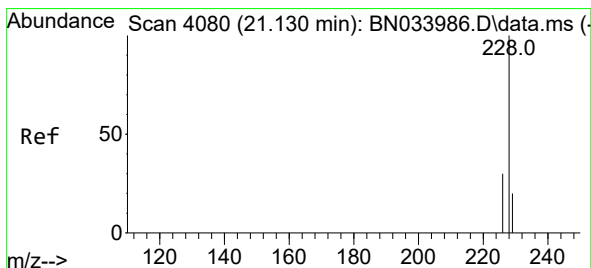
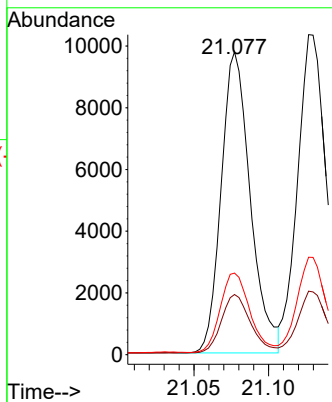
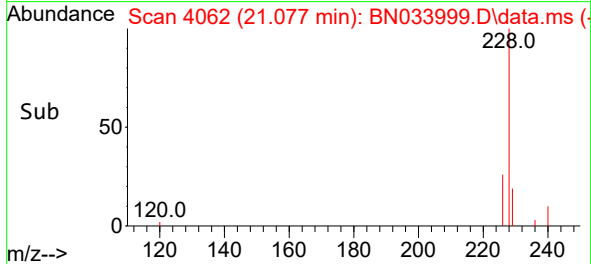


#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Instrument :
BNA_N
ClientSampleId :

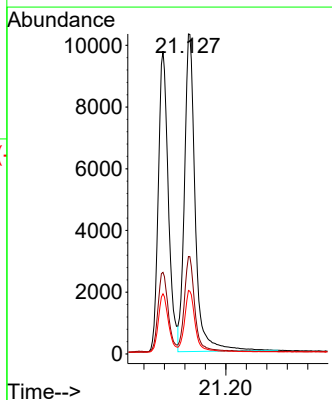
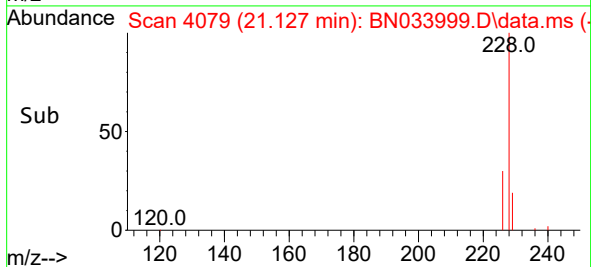
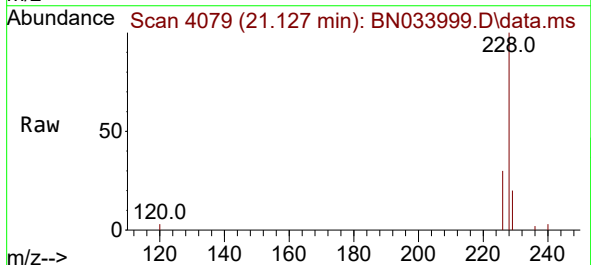


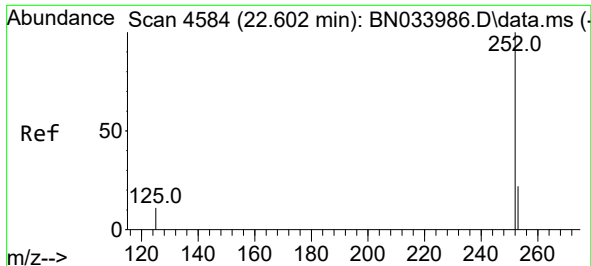
Tgt Ion:228 Resp: 13242
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 26.9 22.1 33.1



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.127 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

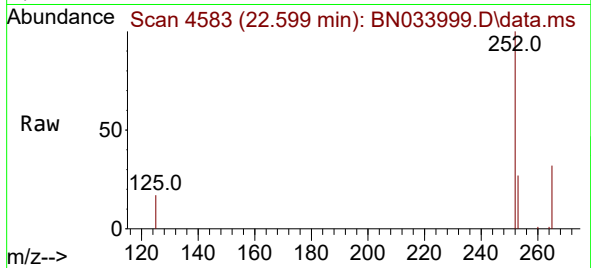
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Ion Ratio Lower Upper
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226 30.4 24.2 36.2
229 19.8 15.6 23.4



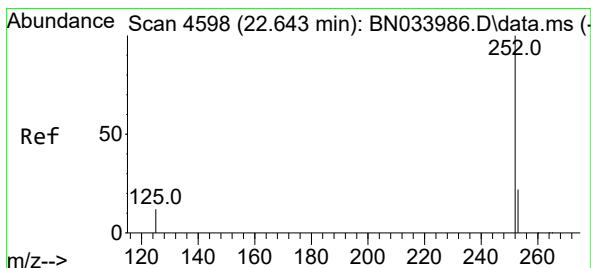
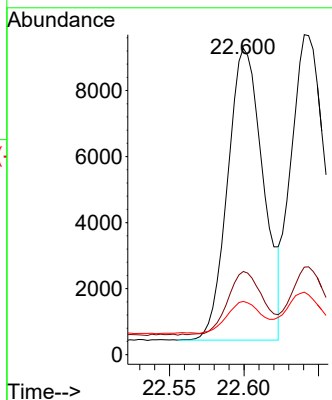


#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.599 min Scan# 4583
Delta R.T. -0.009 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Instrument :
BNA_N
ClientSampleId :

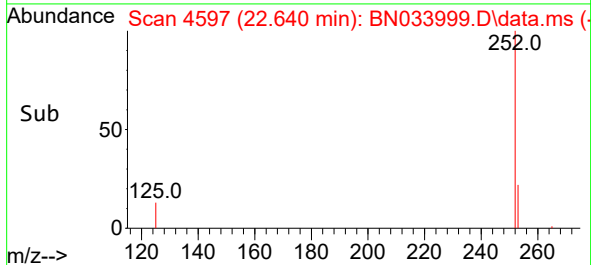
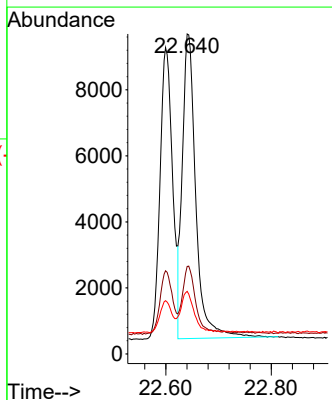
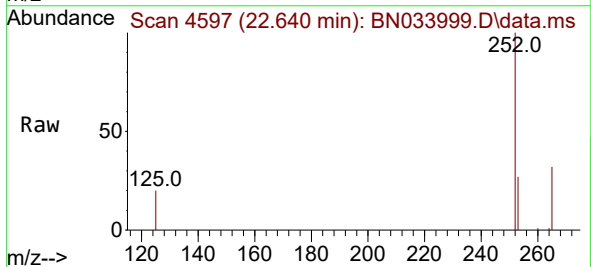


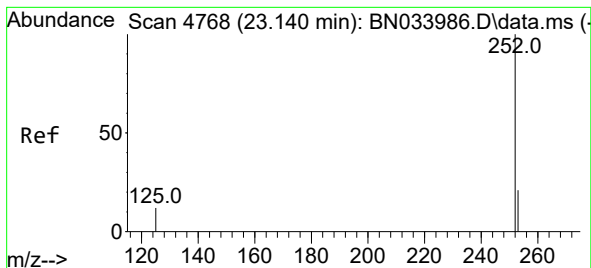
Tgt Ion:252 Resp: 14678
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 17.4 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 22.640 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Tgt Ion:252 Resp: 16310
Ion Ratio Lower Upper
252 100
253 27.4 21.4 32.0
125 19.6 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.140 min Scan# 4768

Delta R.T. -0.012 min

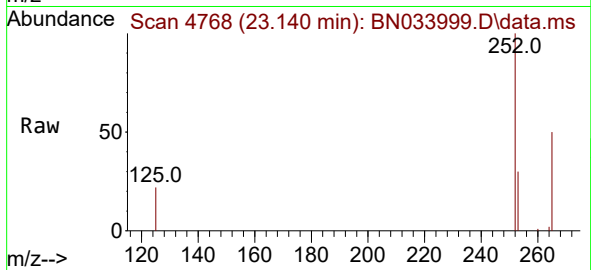
Lab File: BN033999.D

Acq: 16 Sep 2024 22:26

Instrument :

BNA_N

ClientSampleId :



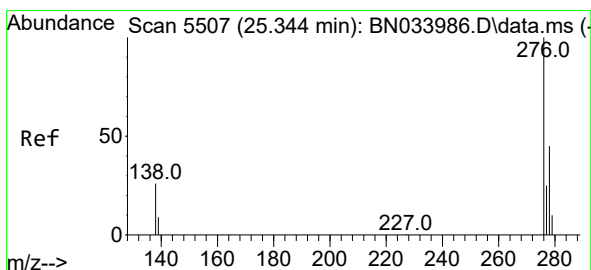
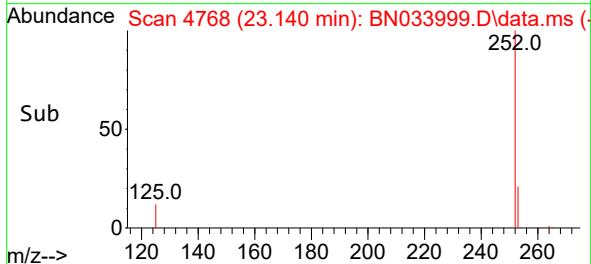
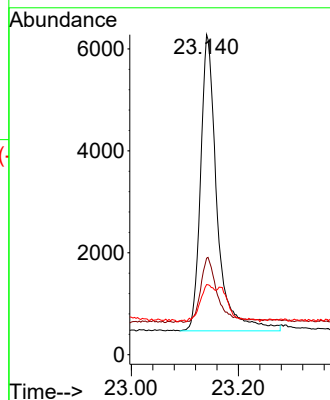
Tgt Ion:252 Resp: 12343

Ion Ratio Lower Upper

252 100

253 30.1 22.8 34.2

125 21.9 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 25.348 min Scan# 5508

Delta R.T. -0.013 min

Lab File: BN033999.D

Acq: 16 Sep 2024 22:26

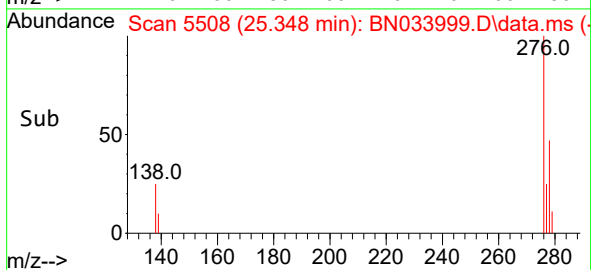
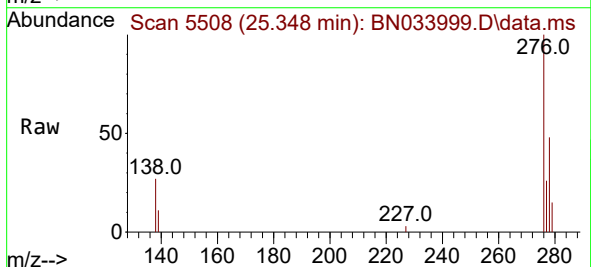
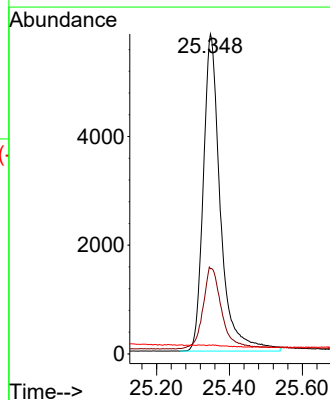
Tgt Ion:276 Resp: 18953

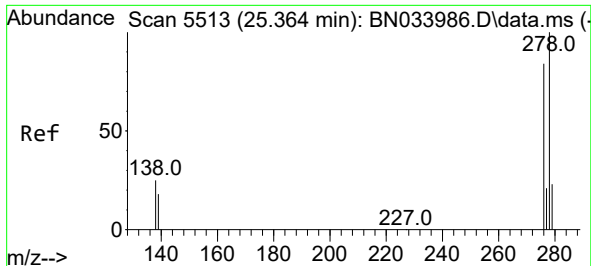
Ion Ratio Lower Upper

276 100

138 29.0 22.3 33.5

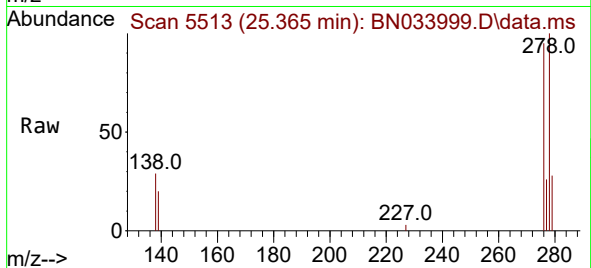
227 0.0 0.2 0.4



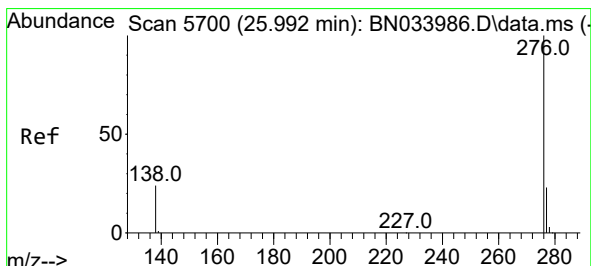
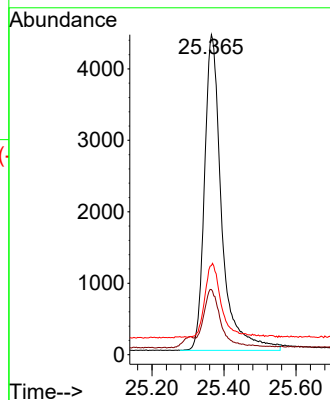
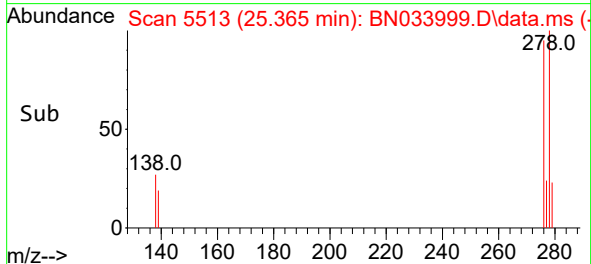


#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.365 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 14652
Ion Ratio Lower Upper
278 100
139 20.3 17.3 25.9
279 27.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 25.992 min Scan# 5700
Delta R.T. -0.010 min
Lab File: BN033999.D
Acq: 16 Sep 2024 22:26

Tgt Ion:276 Resp: 15268
Ion Ratio Lower Upper
276 100
138 25.2 20.8 31.2
277 24.8 20.2 30.4

