

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033956.D
 Acq On : 15 Sep 2024 17:39
 Operator : JU/RC
 Sample : PB163194BS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS194

Quant Time: Sep 16 00:14:10 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

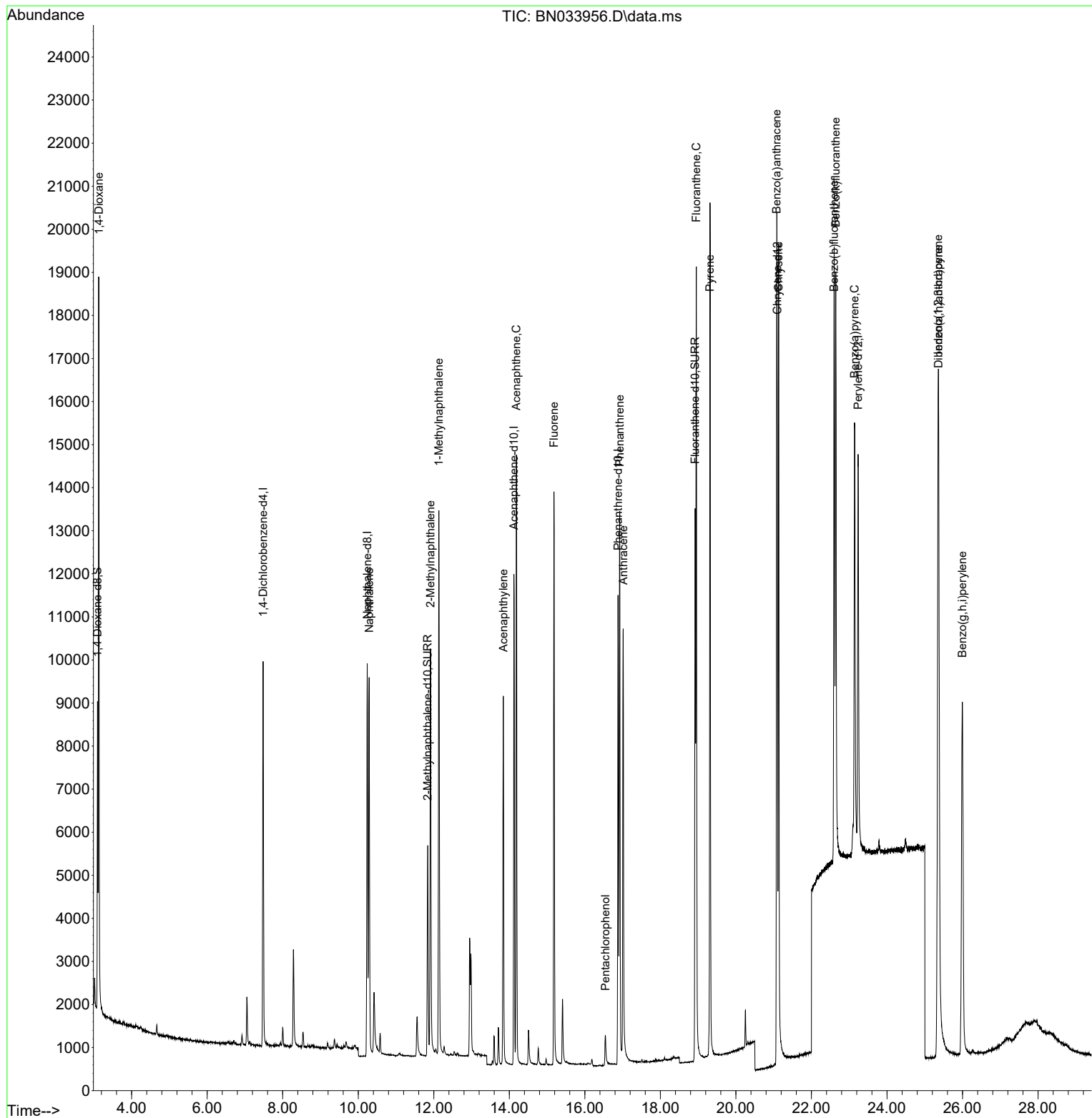
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	4496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	12490	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.124	164	6344	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.881	188	13318	0.400	ng/ul	0.00
17) Chrysene-d12	21.095	240	11249	0.400	ng/ul	0.00
23) Perylene-d12	23.237	264	12226	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3863	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.839	152	7120	0.397	ng/ul	0.00
18) Fluoranthene-d10	18.920	212	15113	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	10111	1.971	ng/ul#	79
5) Naphthalene	10.288	128	12122	0.363	ng/ul	100
7) 2-Methylnaphthalene	11.916	142	7537	0.356	ng/ul	99
8) 1-Methylnaphthalene	12.136	142	9066	0.417	ng/ul	100
10) Acenaphthylene	13.841	152	9789	0.340	ng/ul	99
11) Acenaphthene	14.188	153	8065	0.388	ng/ul	98
12) Fluorene	15.183	166	8646	0.372	ng/ul	99
14) Pentachlorophenol	16.543	266	739	0.176	ng/ul	97
15) Phenanthrene	16.923	178	13942	0.355	ng/ul	100
16) Anthracene	17.016	178	12086	0.342	ng/ul	100
19) Fluoranthene	18.953	202	16593	0.374	ng/ul	100
20) Pyrene	19.315	202	17581	0.373	ng/ul	100
21) Benzo(a)anthracene	21.080	228	15317	0.346	ng/ul	100
22) Chrysene	21.130	228	17761	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.602	252	16795	0.354	ng/ul	98
25) Benzo(k)fluoranthene	22.646	252	18806	0.396	ng/ul	98
26) Benzo(a)pyrene	23.143	252	15599	0.409	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.355	276	21142	0.369	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.368	278	16283	0.366	ng/ul	98
29) Benzo(g,h,i)perylene	25.995	276	17225	0.385	ng/ul	98

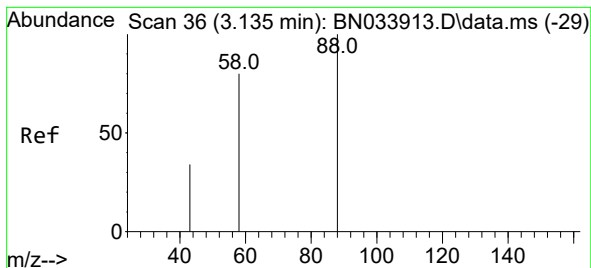
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.971 ng/ul

RT: 3.131 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN033956.D

Acq: 15 Sep 2024 17:39

Instrument :

BNA_N

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SLCS194

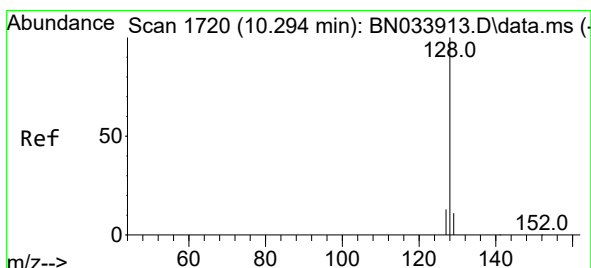
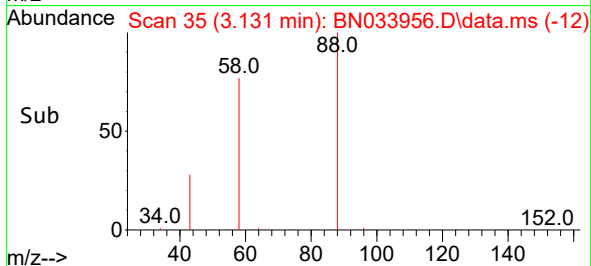
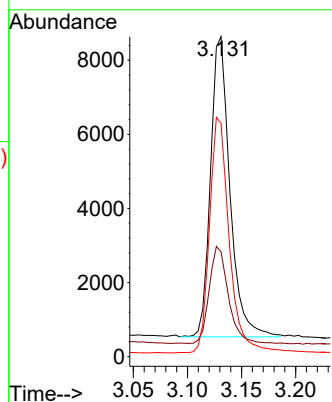
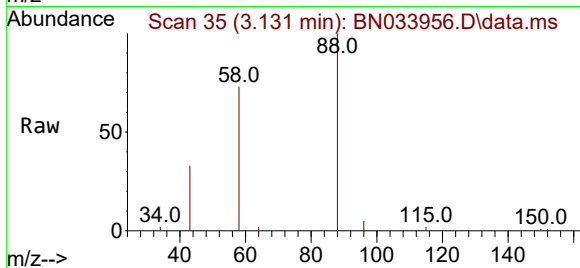
Tgt Ion: 88 Resp: 10111

Ion Ratio Lower Upper

88 100

43 32.8 47.0 70.4#

58 73.0 53.0 79.4



#5

Naphthalene

Concen: 0.363 ng/ul

RT: 10.288 min Scan# 1719

Delta R.T. -0.005 min

Lab File: BN033956.D

Acq: 15 Sep 2024 17:39

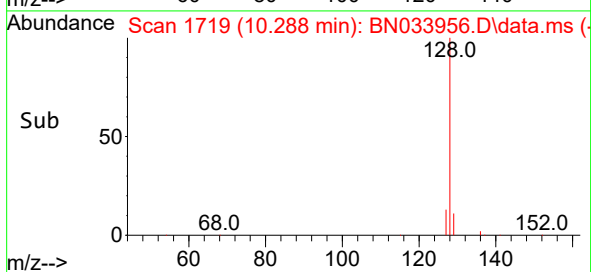
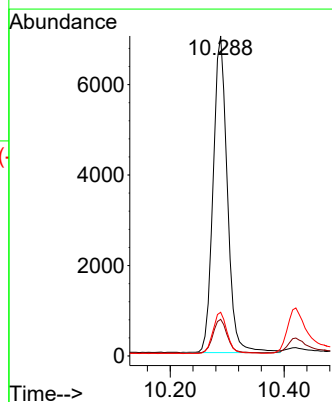
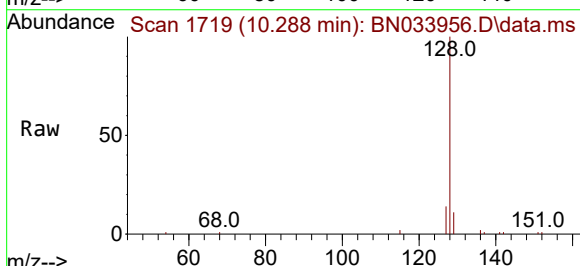
Tgt Ion:128 Resp: 12122

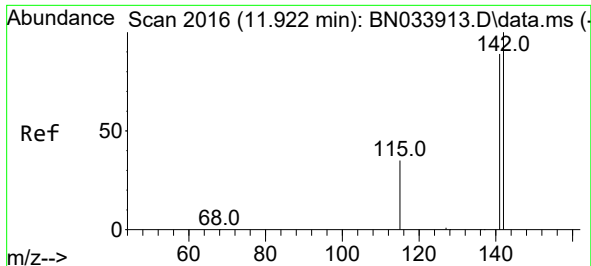
Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

127 13.6 10.8 16.2

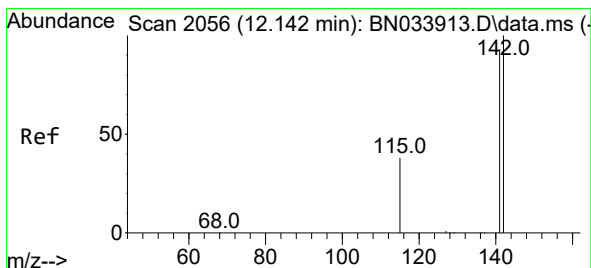
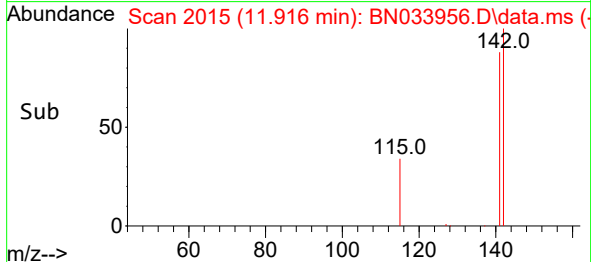
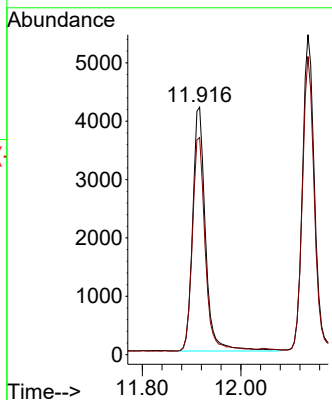
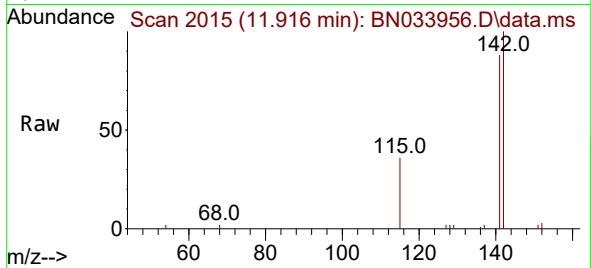




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

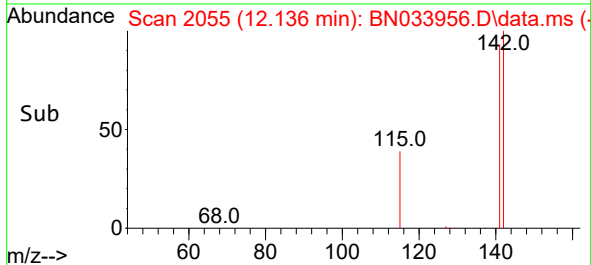
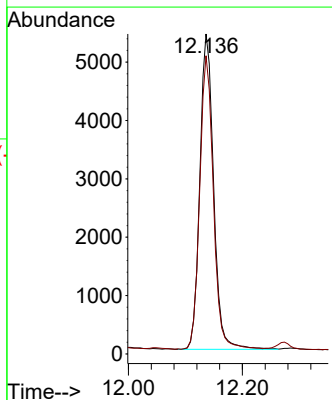
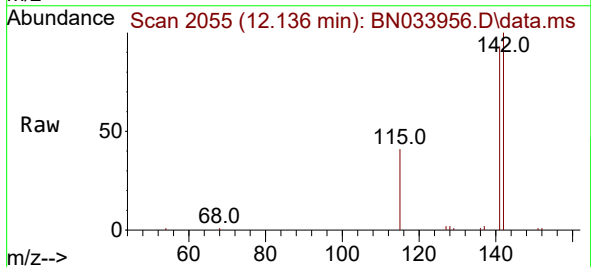
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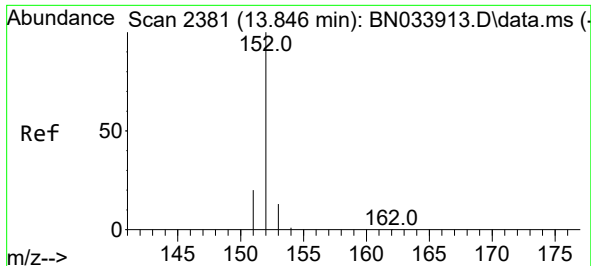
Tgt Ion:142 Resp: 7537
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Tgt Ion:142 Resp: 9066
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4

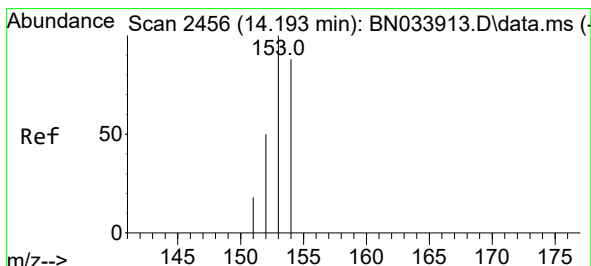
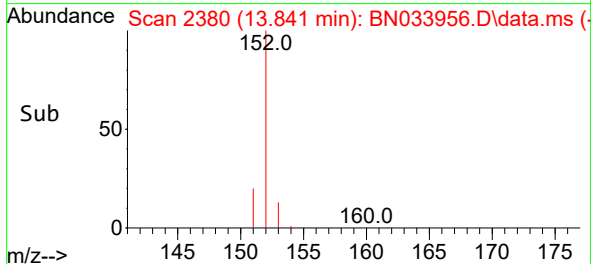
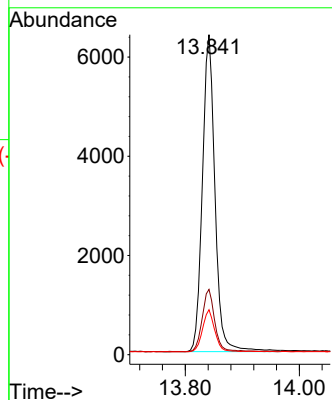
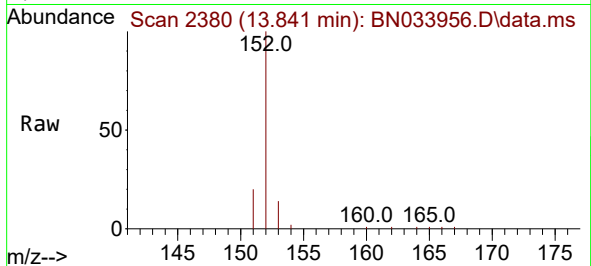




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 13.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

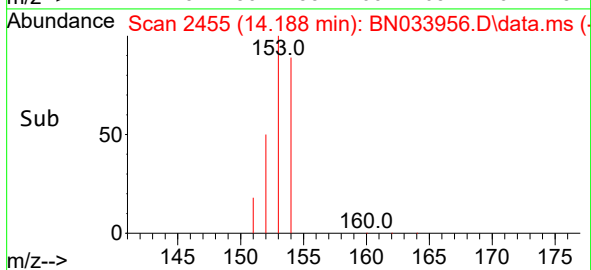
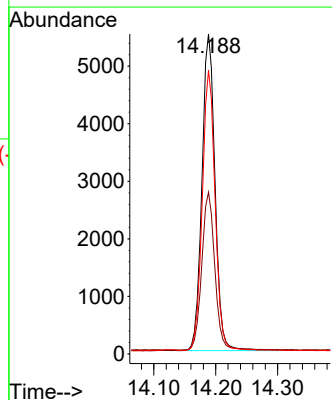
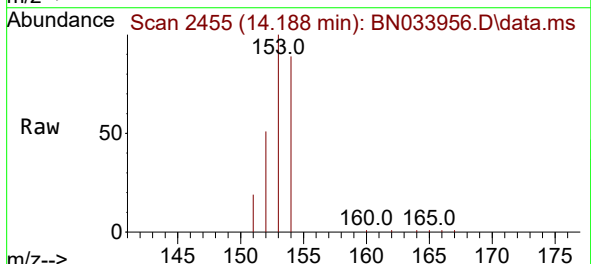
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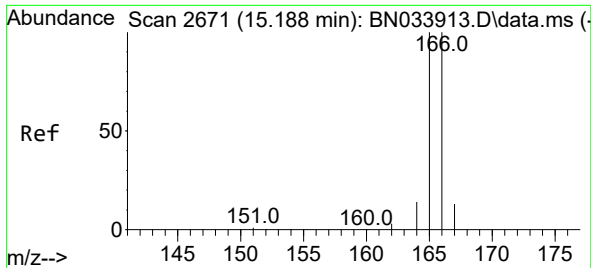
Tgt Ion:152 Resp: 9789
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.188 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Tgt Ion:153 Resp: 8065
Ion Ratio Lower Upper
153 100
152 50.6 39.8 59.8
154 88.7 69.0 103.6

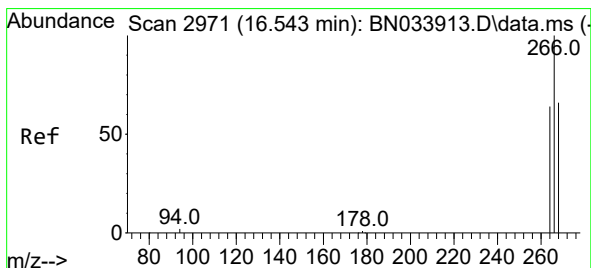
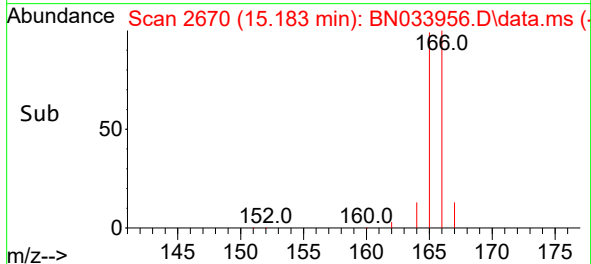
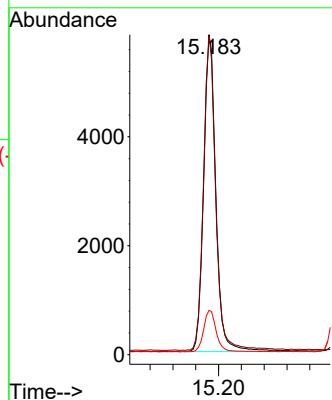
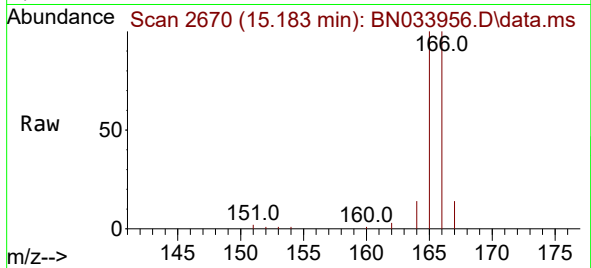




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.183 min Scan# 2670
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

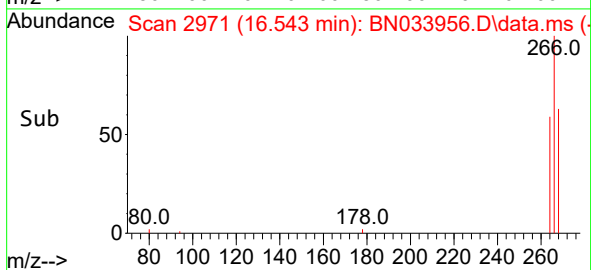
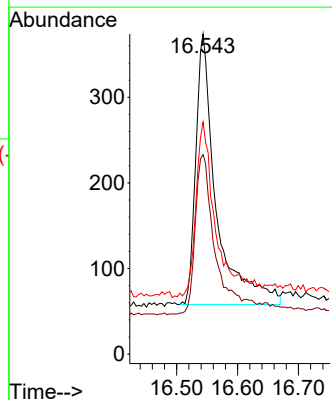
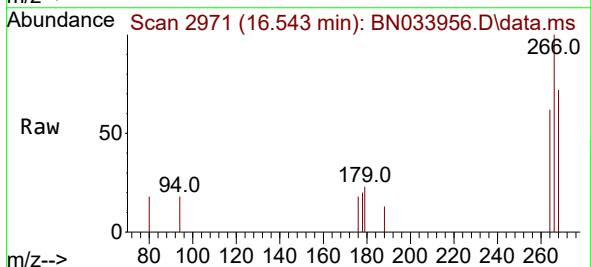
Instrument :
BNA_N
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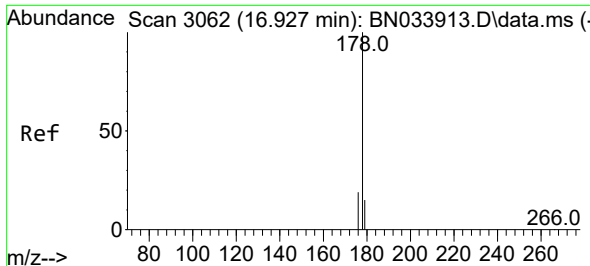
Tgt Ion:166 Resp: 8646
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.176 ng/ul
RT: 16.543 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

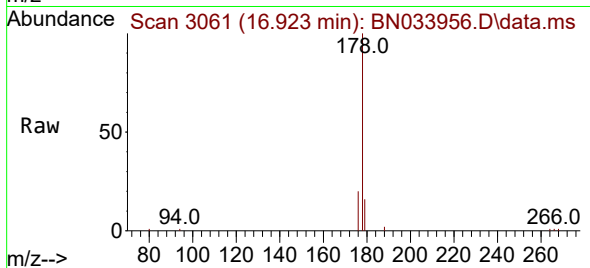
Tgt Ion:266 Resp: 739
Ion Ratio Lower Upper
266 100
264 61.3 50.3 75.5
268 67.0 51.7 77.5



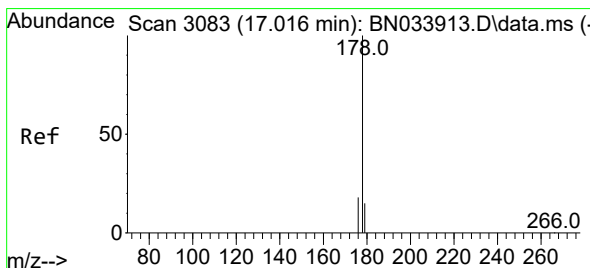
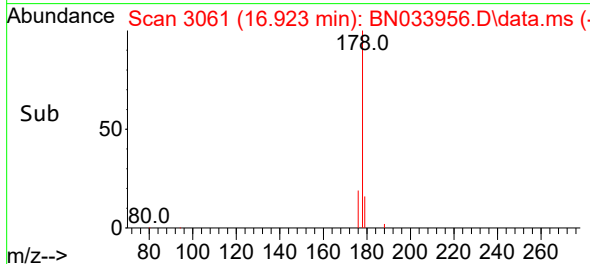
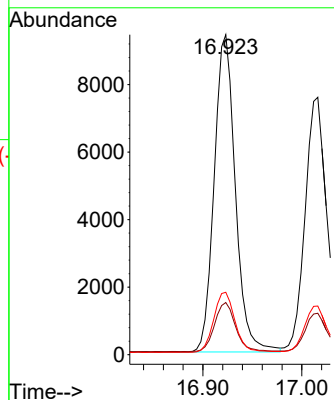


#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 16.923 min Scan# 3061
Delta R.T. -0.004 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Instrument :
BNA_N
ClientSampleId :
SLCS194

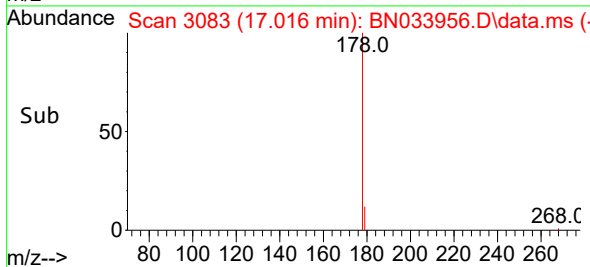
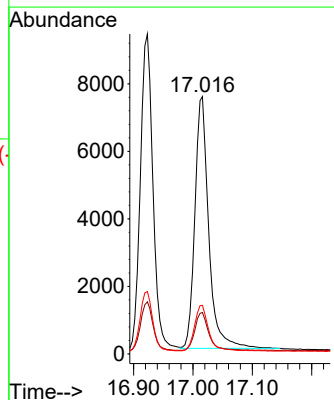
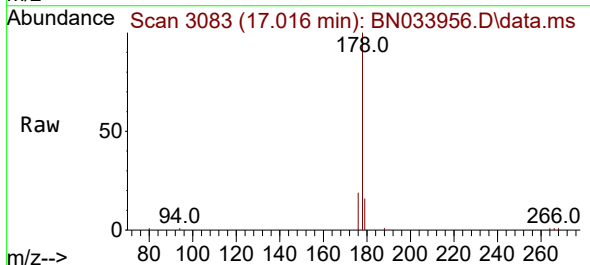


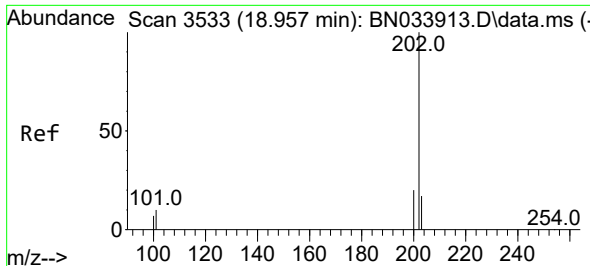
Tgt Ion:178 Resp: 13942
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Tgt Ion:178 Resp: 12086
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 18.9 15.2 22.8

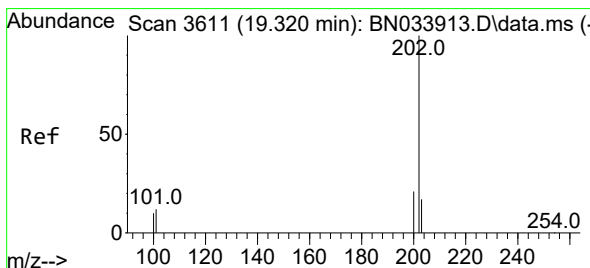
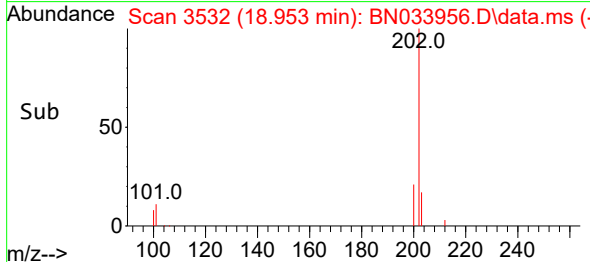
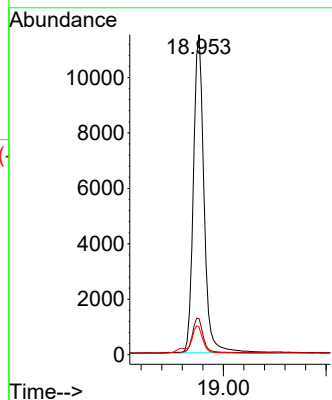
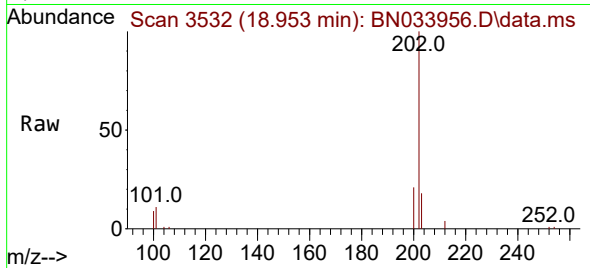




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 18.953 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

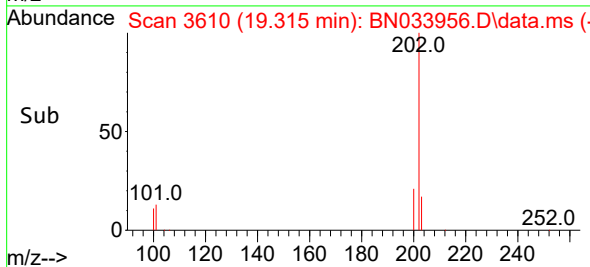
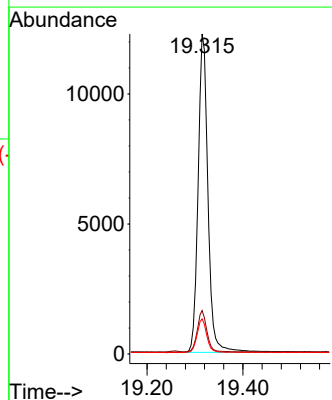
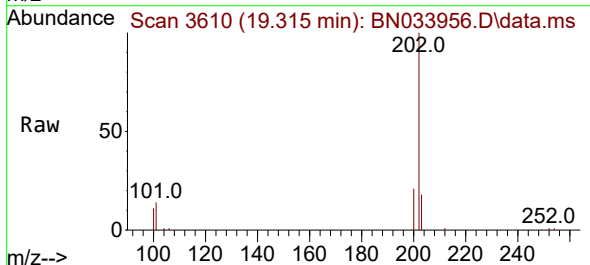
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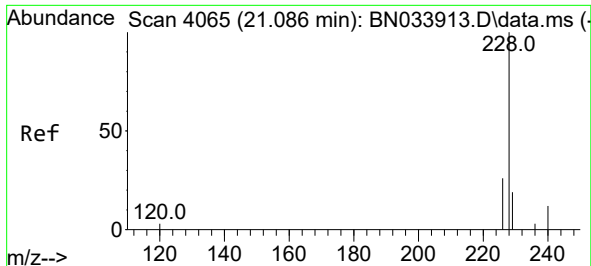
Tgt Ion:202 Resp: 16593
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 8.7 6.7 10.1



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Tgt Ion:202 Resp: 17581
Ion Ratio Lower Upper
202 100
101 13.6 10.8 16.2
100 10.9 8.7 13.1

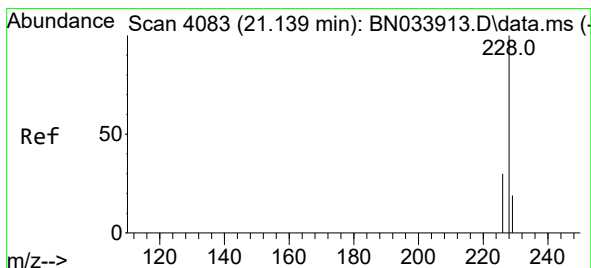
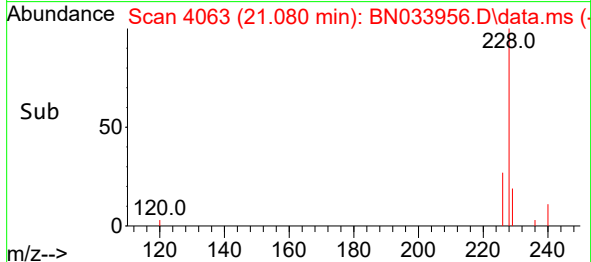
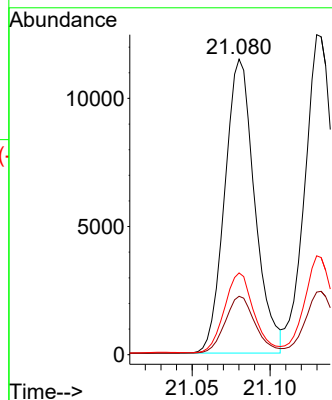
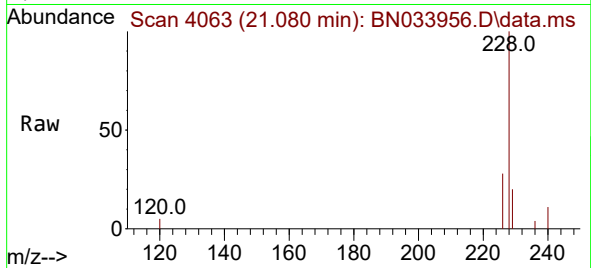




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.080 min Scan# 4065
Delta R.T. -0.006 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

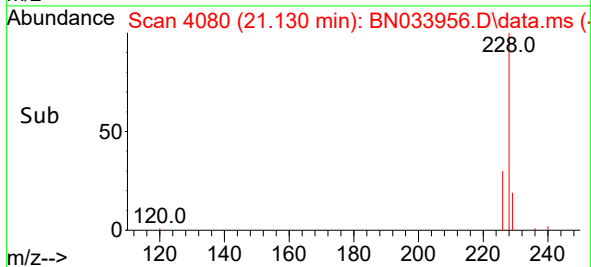
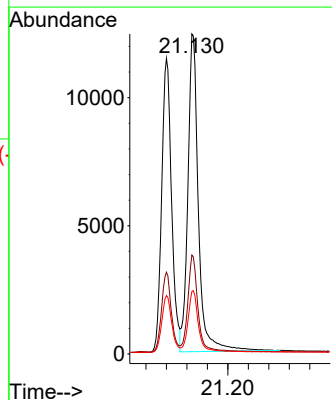
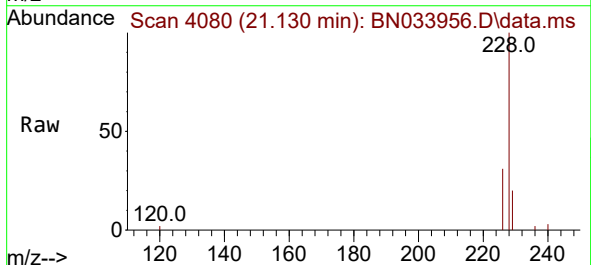
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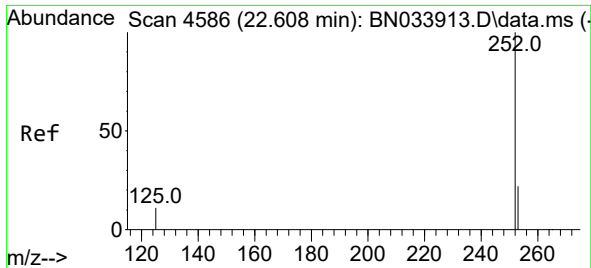
Tgt Ion:228 Resp: 15317
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.130 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

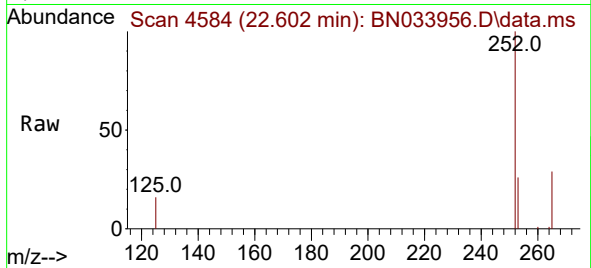
Tgt Ion:228 Resp: 17761
Ion Ratio Lower Upper
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226 30.9 24.2 36.2
229 19.5 15.6 23.4



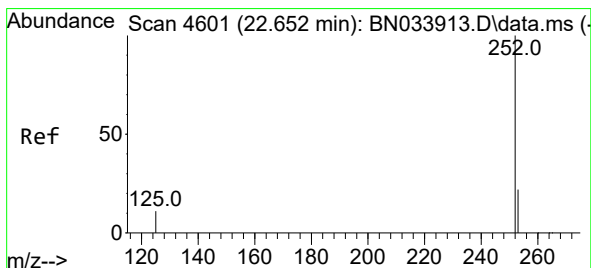
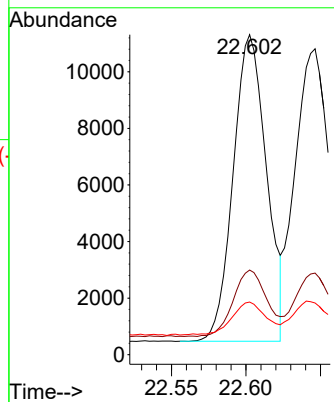


#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 22.602 min Scan# 4584
Delta R.T. -0.006 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Instrument :
BNA_N
ClientSampleId :
SLCS194

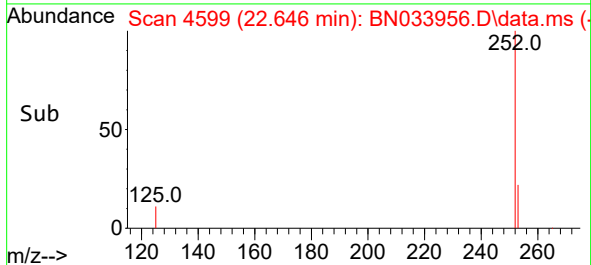
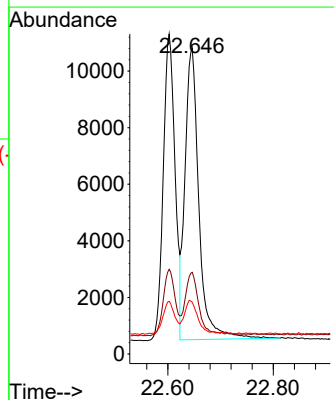
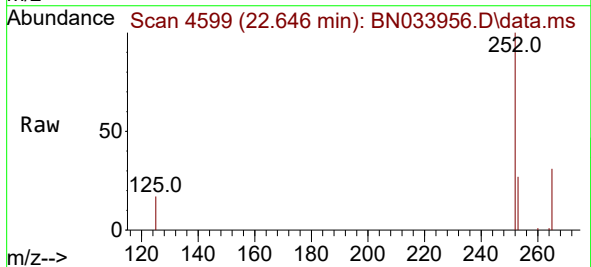


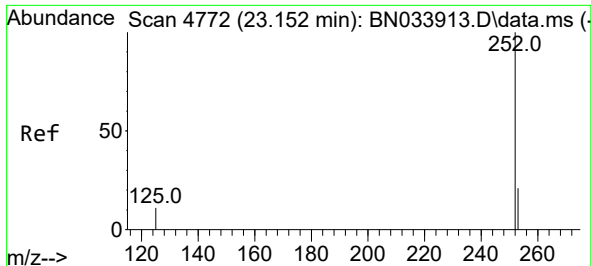
Tgt Ion:252 Resp: 16795
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.8
125 16.4 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 22.646 min Scan# 4599
Delta R.T. -0.006 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

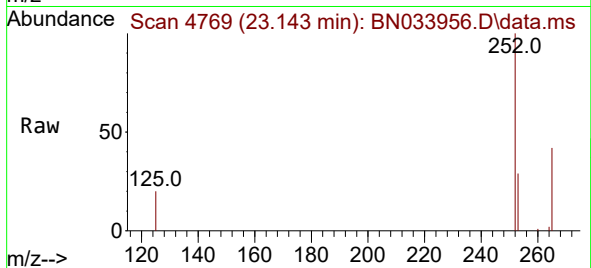
Tgt Ion:252 Resp: 18806
Ion Ratio Lower Upper
252 100
253 26.7 21.4 32.0
125 16.9 15.1 22.7



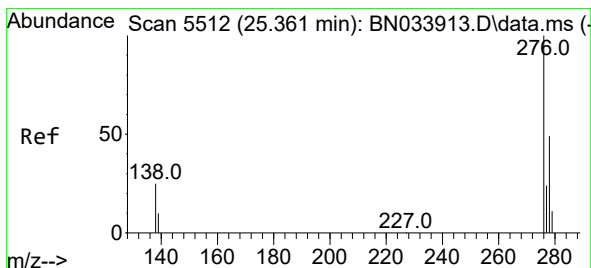
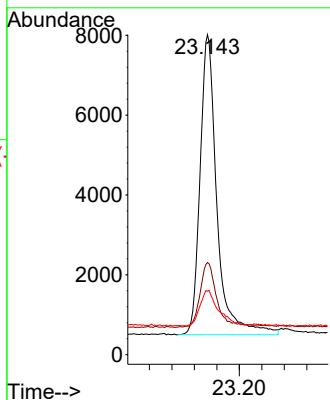
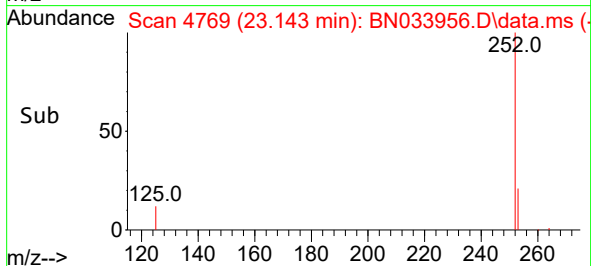


#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.143 min Scan# 4769
Delta R.T. -0.009 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Instrument :
BNA_N
ClientSampleId :
SLCS194

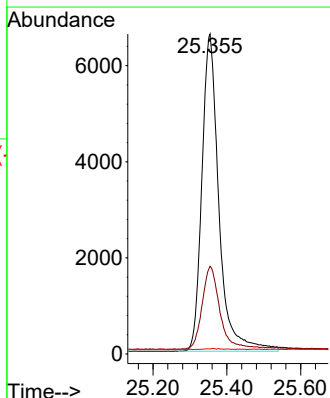
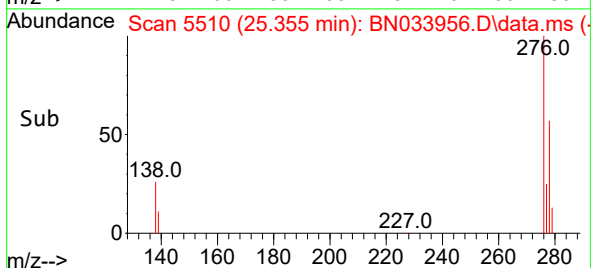
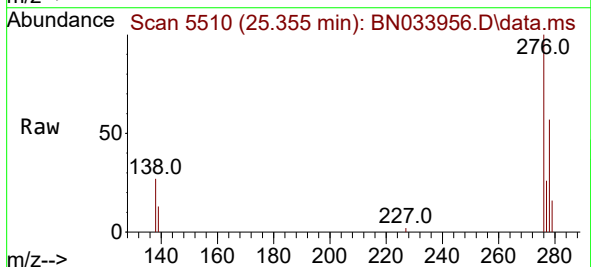


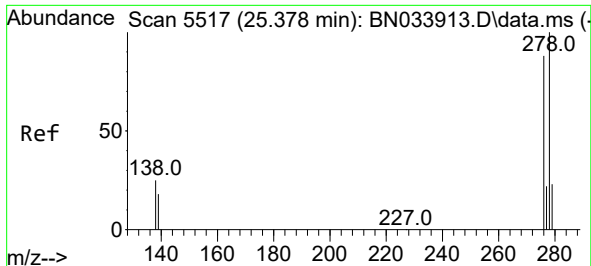
Tgt Ion:252 Resp: 15599
Ion Ratio Lower Upper
252 100
253 28.8 22.8 34.2
125 19.8 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.355 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BN033956.D
Acq: 15 Sep 2024 17:39

Tgt Ion:276 Resp: 21142
Ion Ratio Lower Upper
276 100
138 27.1 22.3 33.5
227 0.1 0.2 0.4

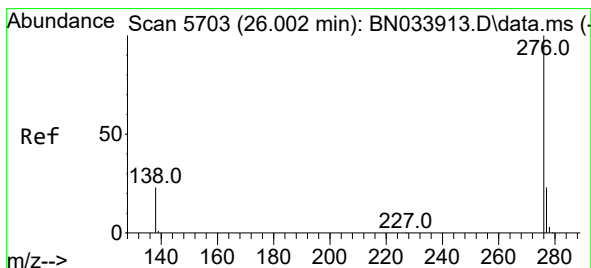
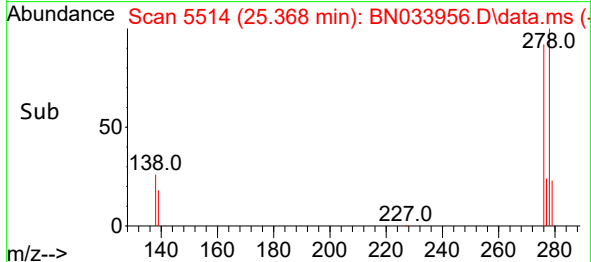
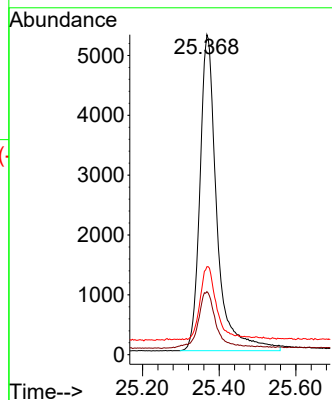
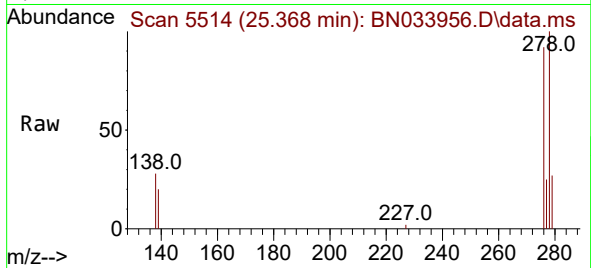




#28
 Dibenzo(a,h)anthracene
 Concen: 0.366 ng/ul
 RT: 25.368 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN033956.D
 Acq: 15 Sep 2024 17:39

Instrument :
 BNA_N
 ClientSampleId :
 SLCS194

Tgt Ion:278 Resp: 16283
 Ion Ratio Lower Upper
 278 100
 139 19.7 17.3 25.9
 279 27.5 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.385 ng/ul
 RT: 25.995 min Scan# 5701
 Delta R.T. -0.007 min
 Lab File: BN033956.D
 Acq: 15 Sep 2024 17:39

Tgt Ion:276 Resp: 17225
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.8 31.2
 277 24.4 20.2 30.4

