

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033943.D
 Acq On : 15 Sep 2024 09:14
 Operator : JU/RC
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4306

Quant Time: Sep 16 00:12:37 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)

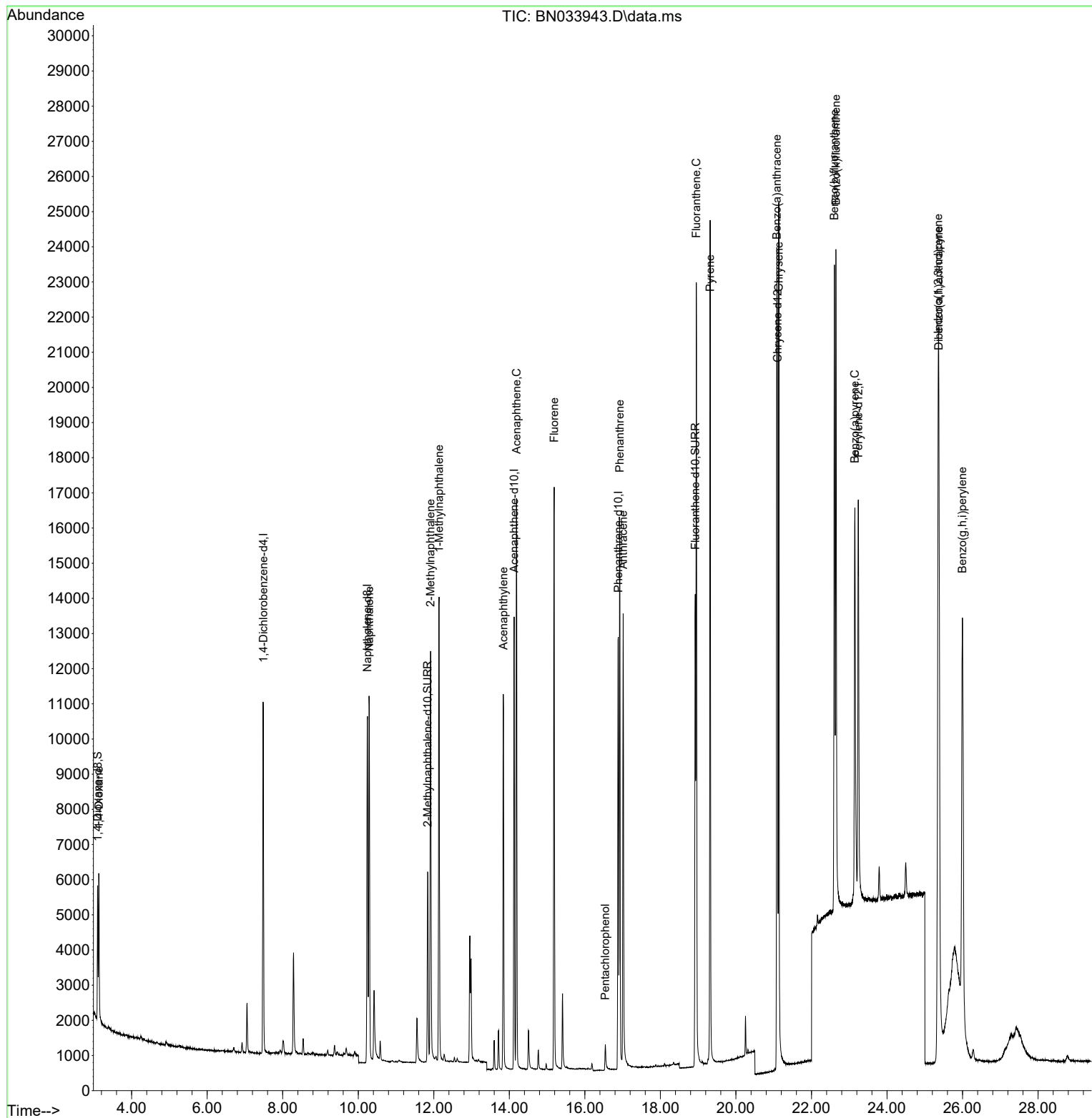
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	4996	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	13673	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.127	164	6999	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	15001	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	13313	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	15174	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2222	0.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	7611	0.388	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	15372	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.131	88	2541	0.446	ng/ul#	86
5) Naphthalene	10.287	128	14354	0.393	ng/ul	99
7) 2-Methylnaphthalene	11.915	142	8981	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.140	142	9404	0.395	ng/ul	100
10) Acenaphthylene	13.840	152	12160	0.383	ng/ul	99
11) Acenaphthene	14.192	153	9429	0.411	ng/ul	99
12) Fluorene	15.186	166	10581	0.413	ng/ul	99
14) Pentachlorophenol	16.542	266	703	0.149	ng/ul	97
15) Phenanthrene	16.922	178	16848	0.381	ng/ul	99
16) Anthracene	17.015	178	14679	0.369	ng/ul	100
19) Fluoranthene	18.951	202	19679	0.375	ng/ul	99
20) Pyrene	19.318	202	20566	0.369	ng/ul	98
21) Benzo(a)anthracene	21.082	228	18843	0.360	ng/ul	100
22) Chrysene	21.134	228	21329	0.403	ng/ul	100
24) Benzo(b)fluoranthene	22.607	252	21072	0.358	ng/ul	96
25) Benzo(k)fluoranthene	22.648	252	23812	0.404	ng/ul	97
26) Benzo(a)pyrene	23.148	252	17927	0.379	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.356	276	27868	0.392	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.373	278	21516	0.390	ng/ul	98
29) Benzo(g,h,i)perylene	25.997	276	22361	0.403	ng/ul	98

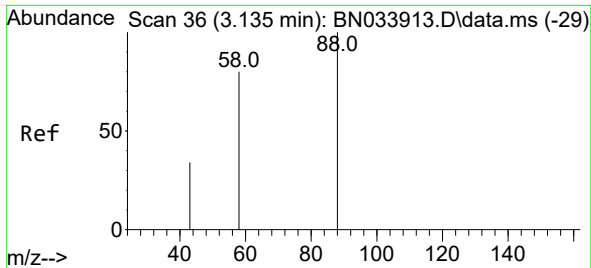
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033943.D
Acq On : 15 Sep 2024 09:14
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

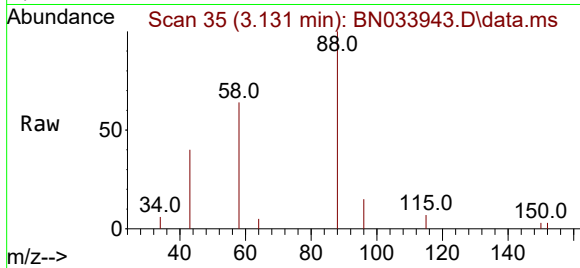
Quant Time: Sep 16 00:12:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration



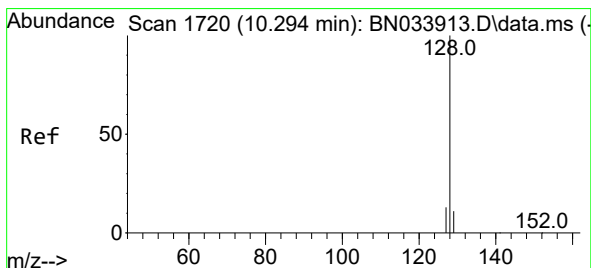
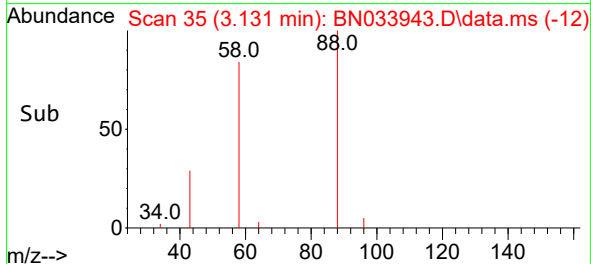
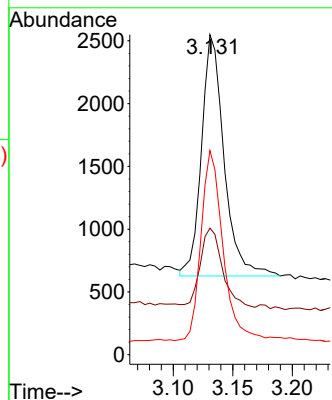


#2
1,4-Dioxane
Concen: 0.446 ng/ul
RT: 3.131 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

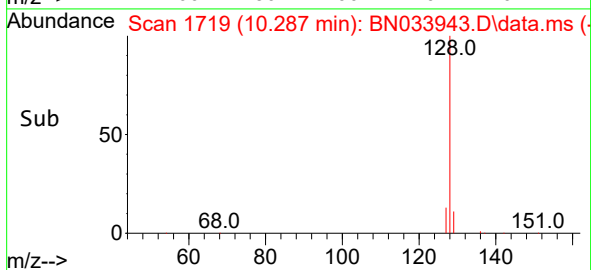
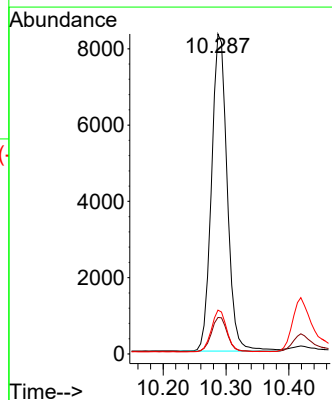
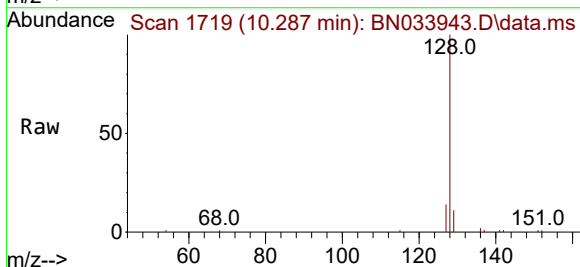


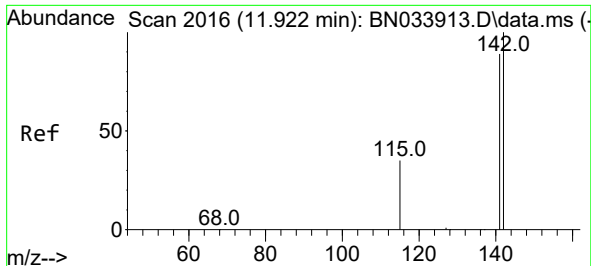
Tgt Ion: 88 Resp: 2541
Ion Ratio Lower Upper
88 100
43 39.6 47.0 70.4#
58 63.8 53.0 79.4



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.287 min Scan# 1719
Delta R.T. -0.007 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion: 128 Resp: 14354
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.7 10.8 16.2

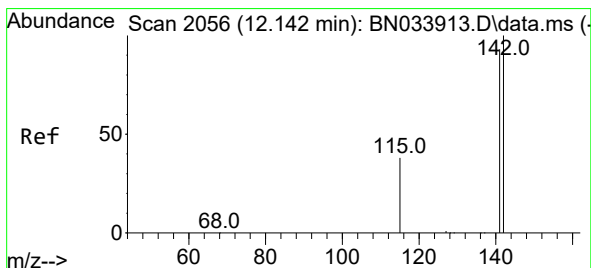
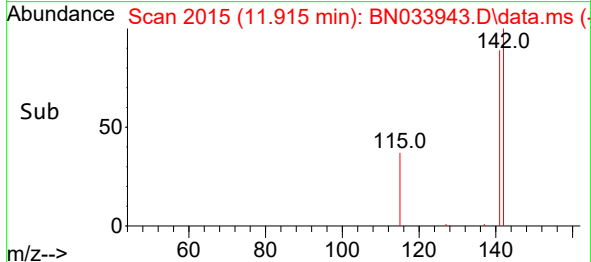
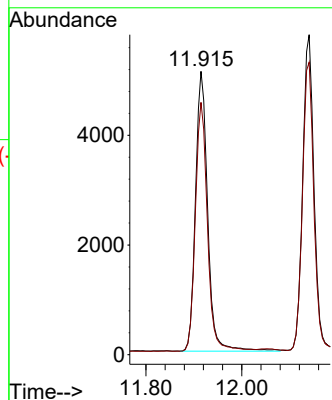
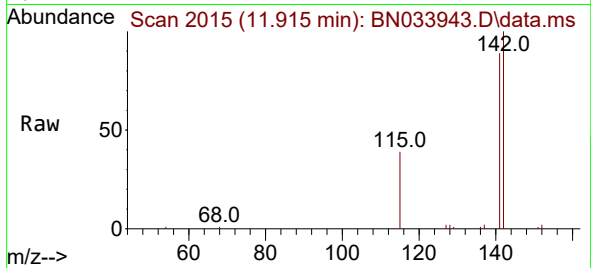




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.007 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

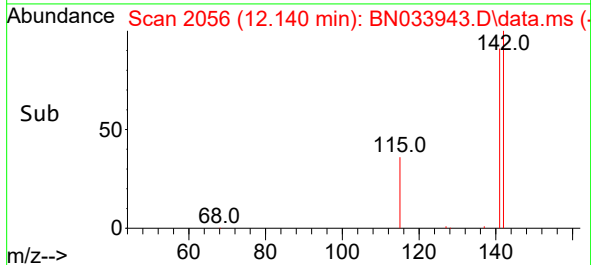
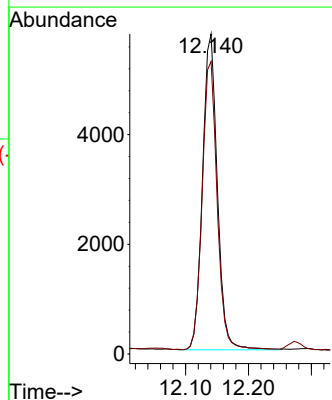
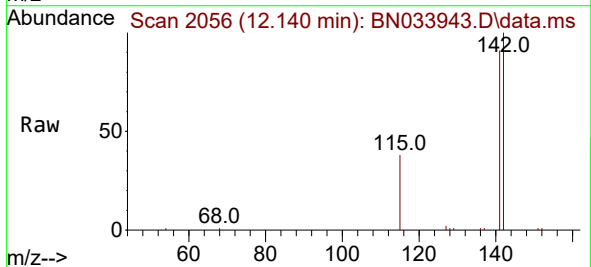
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

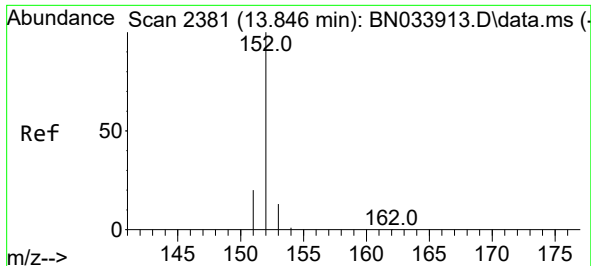
Tgt Ion:142 Resp: 8981
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.140 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:142 Resp: 9404
Ion Ratio Lower Upper
142 100
141 92.5 73.6 110.4

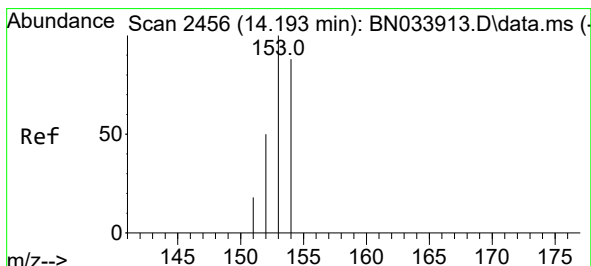
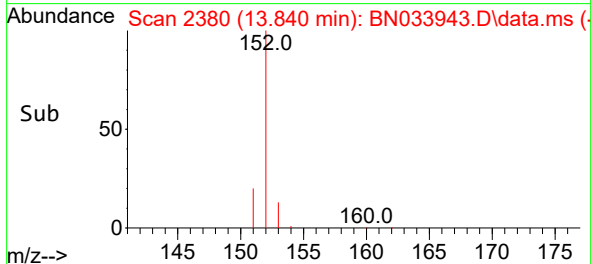
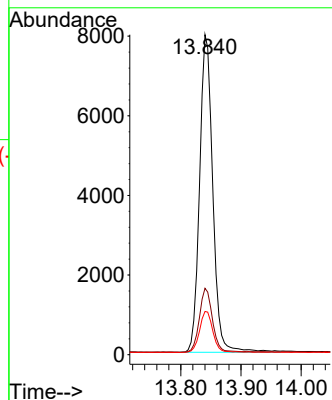
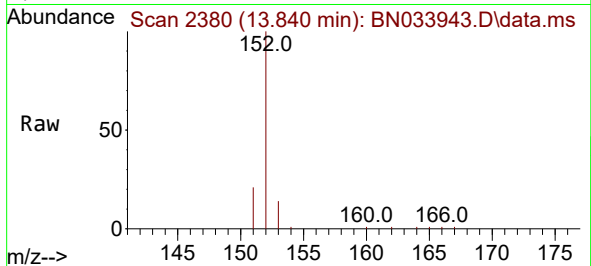




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 13.840 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

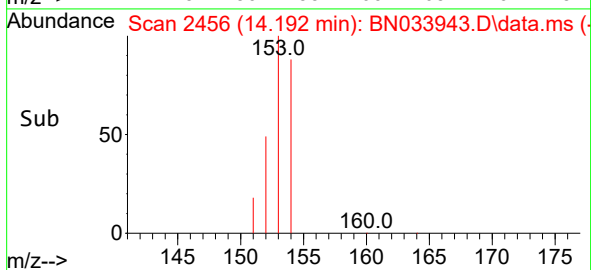
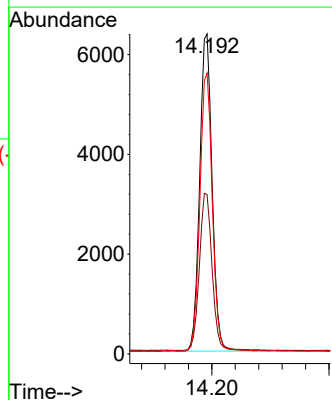
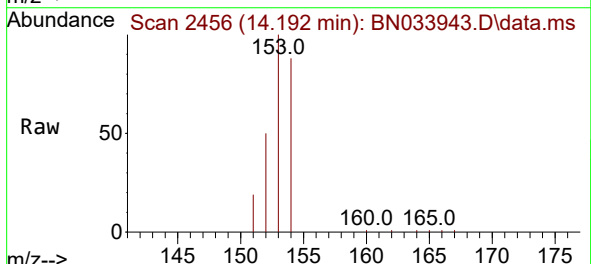
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

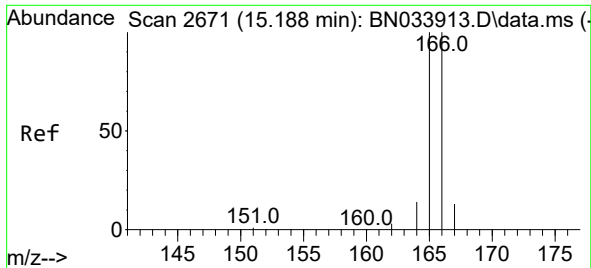
Tgt Ion:152 Resp: 12160
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:153 Resp: 9429
Ion Ratio Lower Upper
153 100
152 49.9 39.8 59.8
154 87.8 69.0 103.6

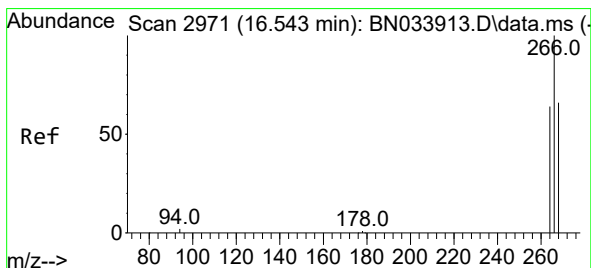
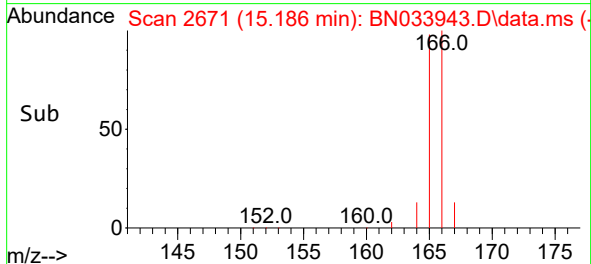
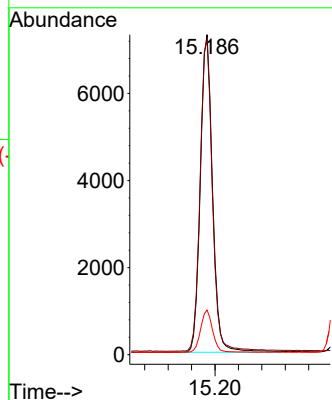
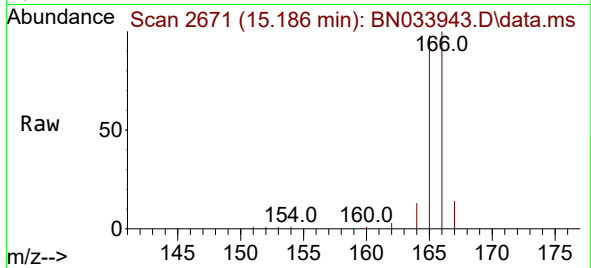




#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.186 min Scan# 2671
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

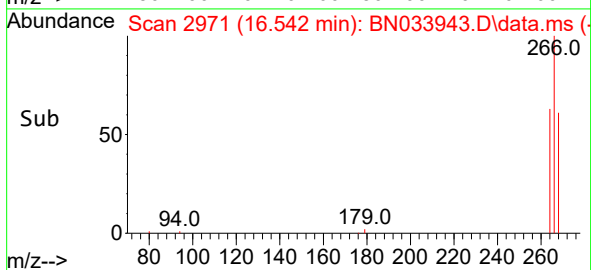
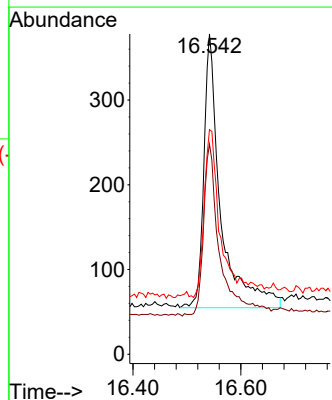
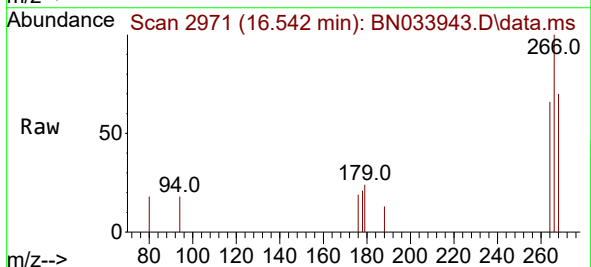
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

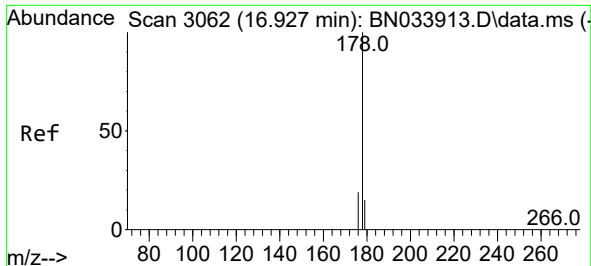
Tgt Ion:166 Resp: 10581
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.149 ng/ul
RT: 16.542 min Scan# 2971
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:266 Resp: 703
Ion Ratio Lower Upper
266 100
264 59.9 50.3 75.5
268 62.2 51.7 77.5

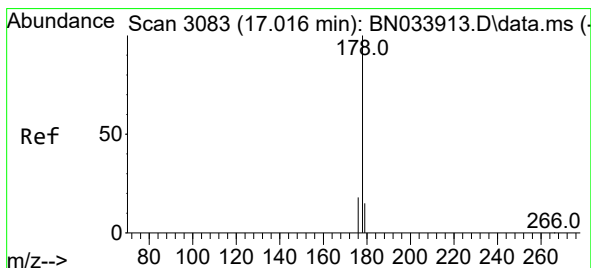
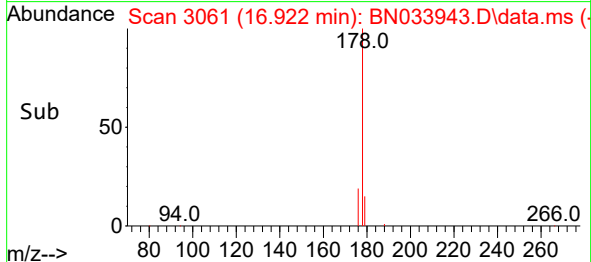
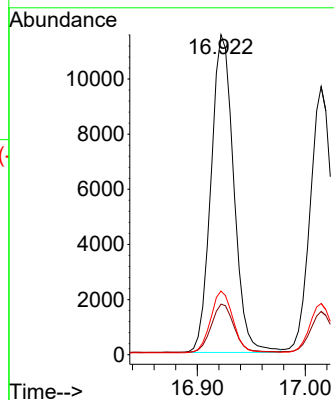
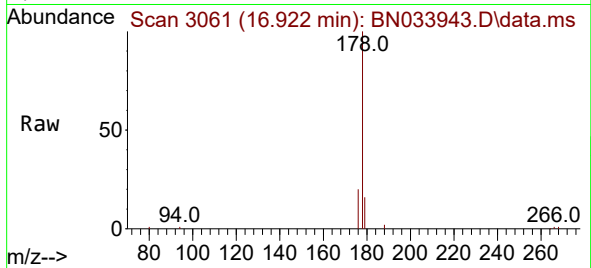




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 16.922 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

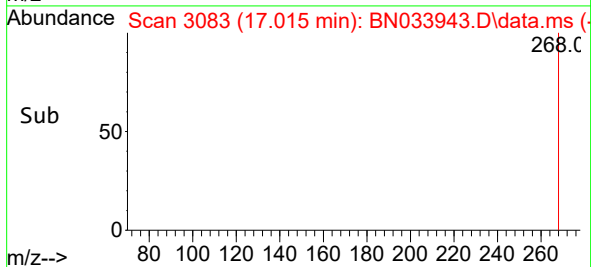
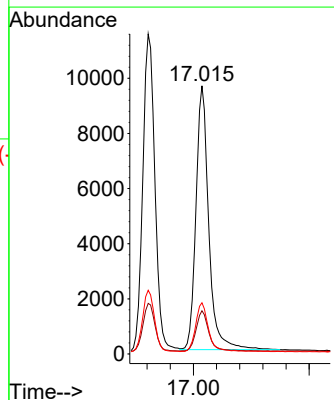
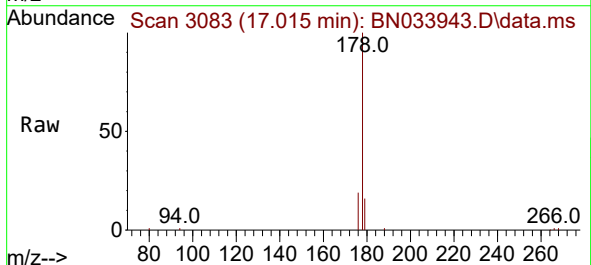
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

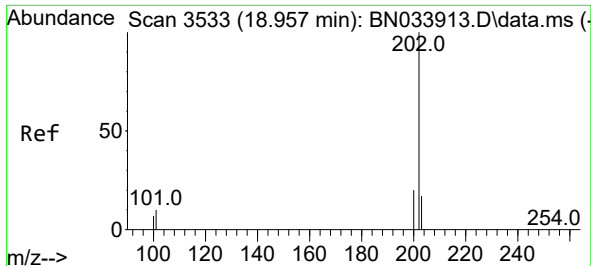
Tgt Ion:178 Resp: 16848
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.015 min Scan# 3083
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:178 Resp: 14679
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.1 15.2 22.8

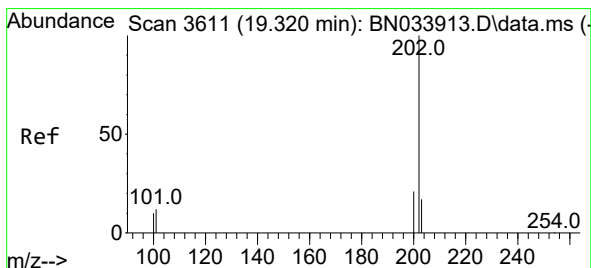
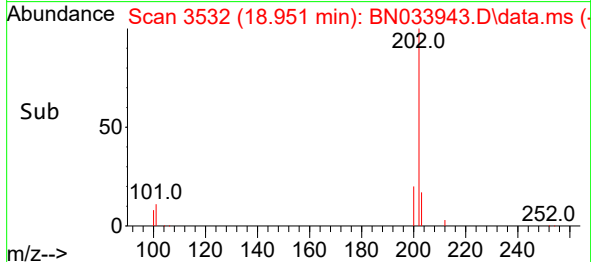
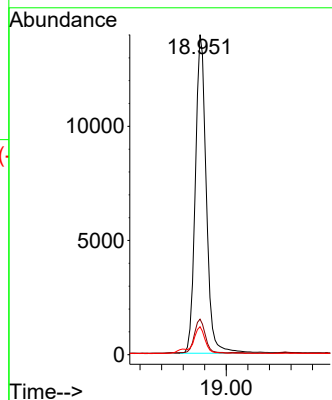
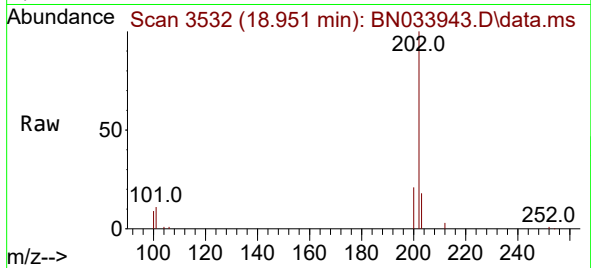




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 18.951 min Scan# 3532
Delta R.T. -0.006 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

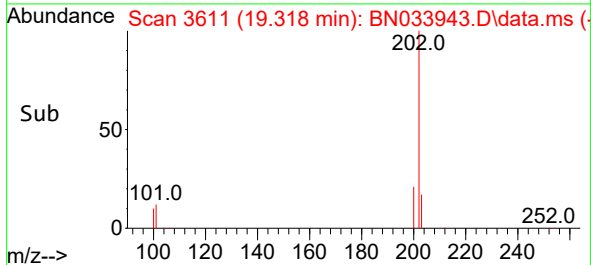
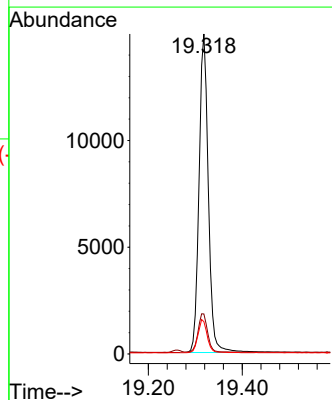
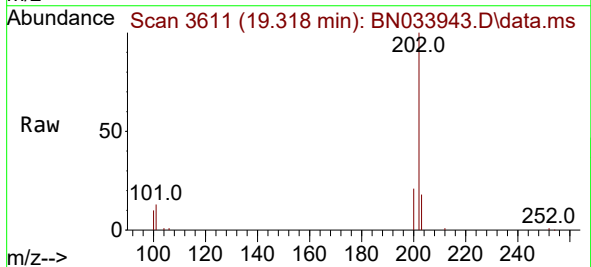
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

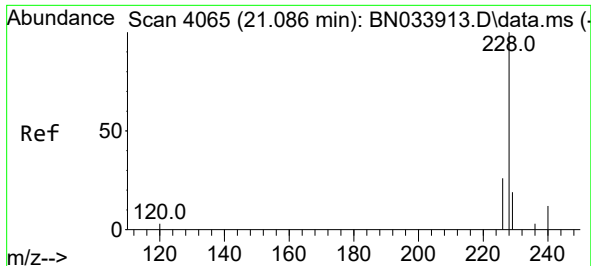
Tgt Ion:202 Resp: 19679
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.318 min Scan# 3611
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

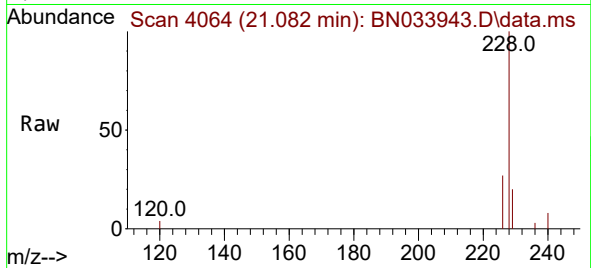
Tgt Ion:202 Resp: 20566
Ion Ratio Lower Upper
202 100
101 12.5 10.8 16.2
100 10.1 8.7 13.1



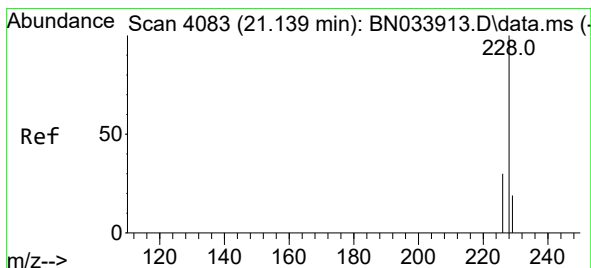
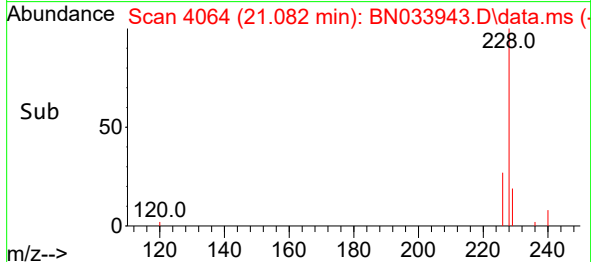
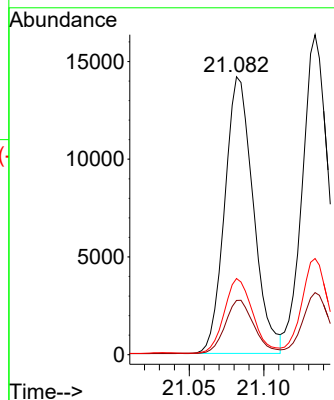


#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.082 min Scan# 4064
Delta R.T. -0.004 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

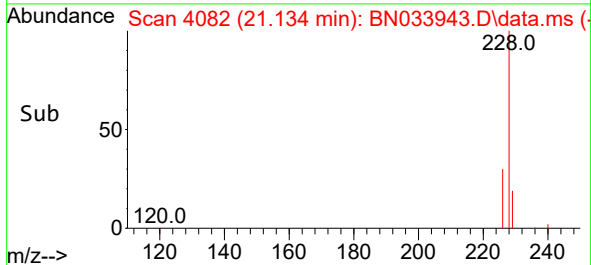
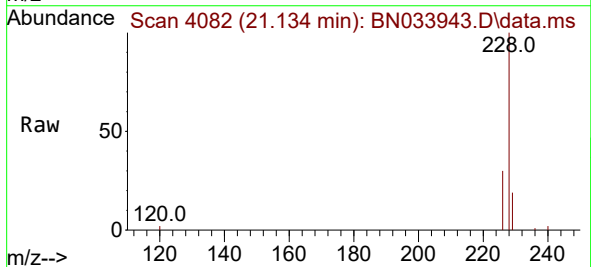
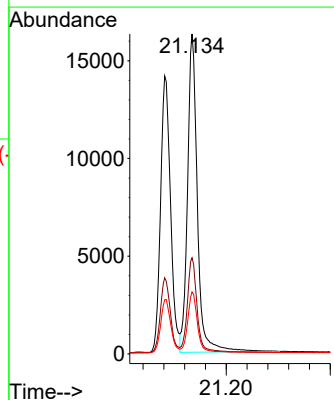


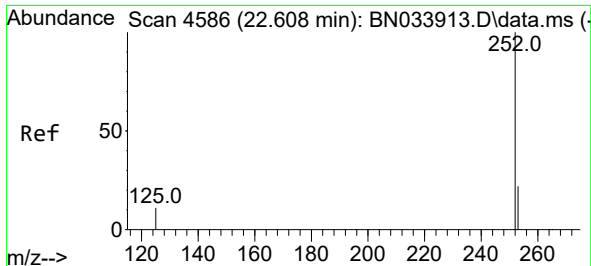
Tgt Ion:228 Resp: 18843
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.134 min Scan# 4082
Delta R.T. -0.004 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:228 Resp: 21329
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.4 15.6 23.4

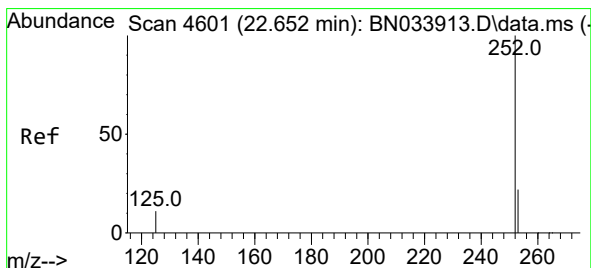
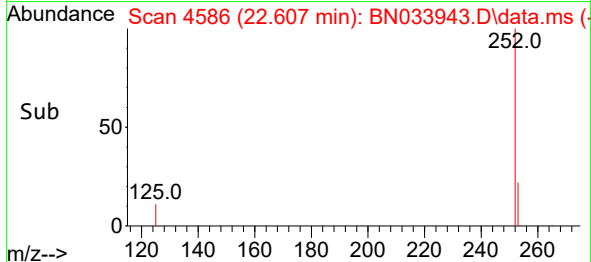
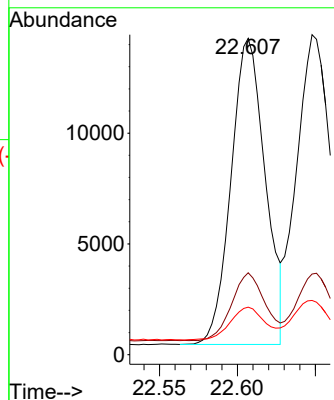
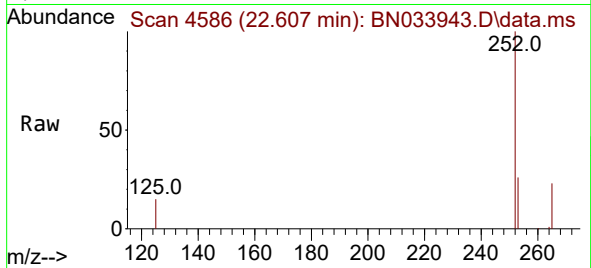




#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.607 min Scan# 4586
Delta R.T. -0.001 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

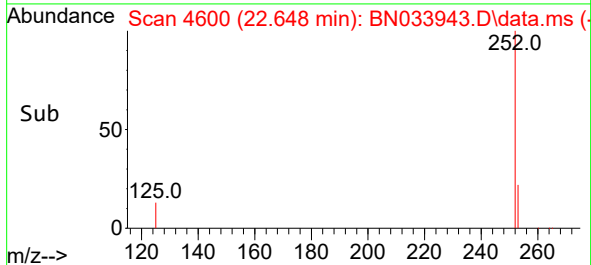
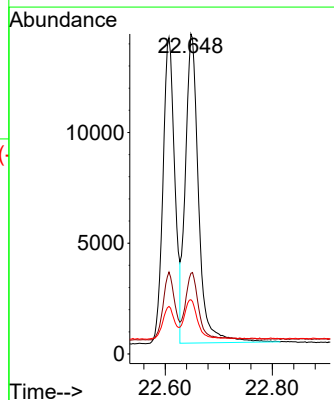
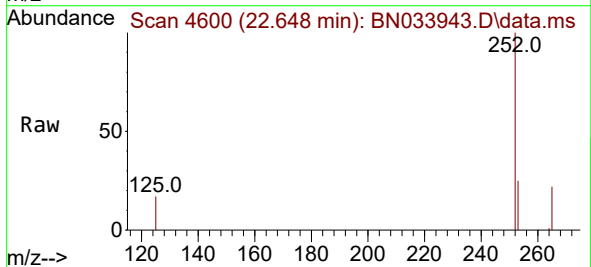
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

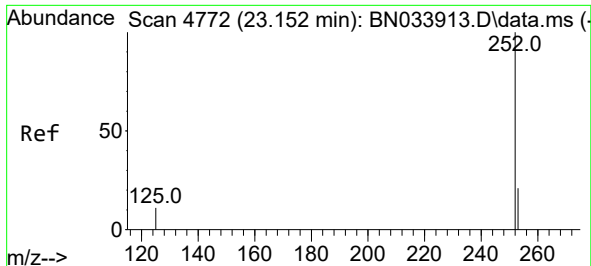
Tgt Ion:252 Resp: 21072
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 15.0 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.648 min Scan# 4600
Delta R.T. -0.004 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:252 Resp: 23812
Ion Ratio Lower Upper
252 100
253 25.2 21.4 32.0
125 17.0 15.1 22.7

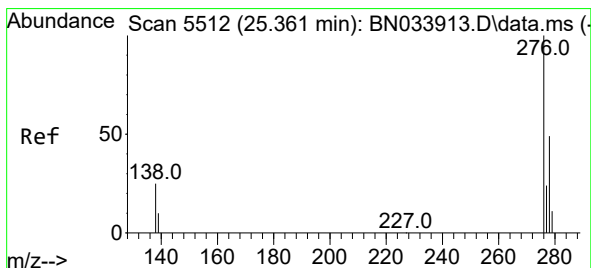
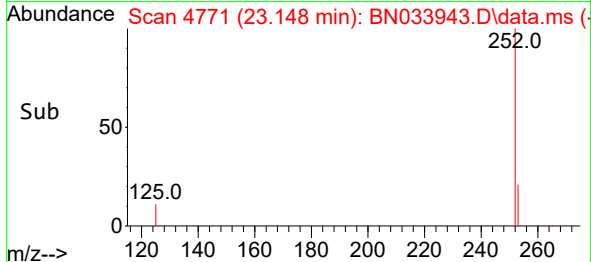
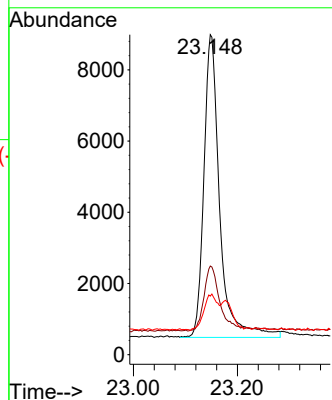
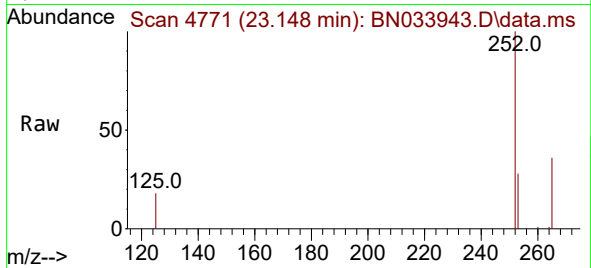




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.148 min Scan# 4771
Delta R.T. -0.004 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

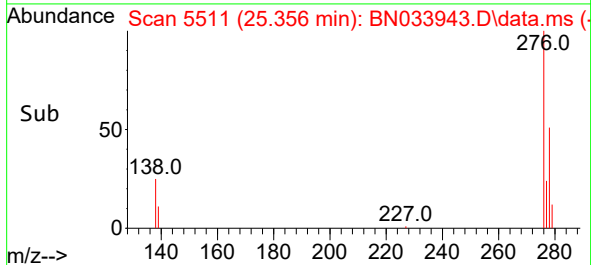
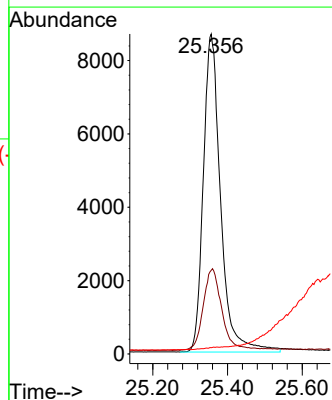
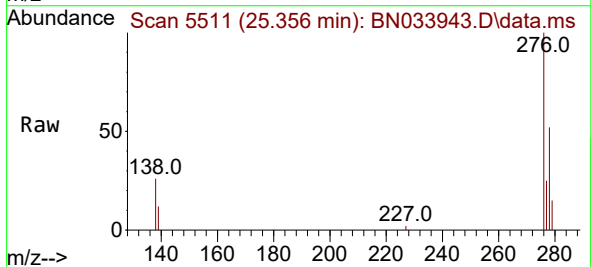
Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

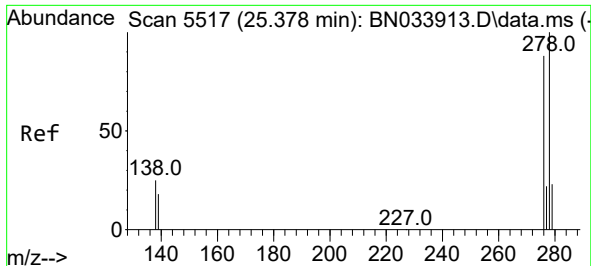
Tgt Ion:252 Resp: 17927
Ion Ratio Lower Upper
252 100
253 27.7 22.8 34.2
125 18.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.356 min Scan# 5511
Delta R.T. -0.005 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:276 Resp: 27868
Ion Ratio Lower Upper
276 100
138 28.5 22.3 33.5
227 0.0 0.2 0.4

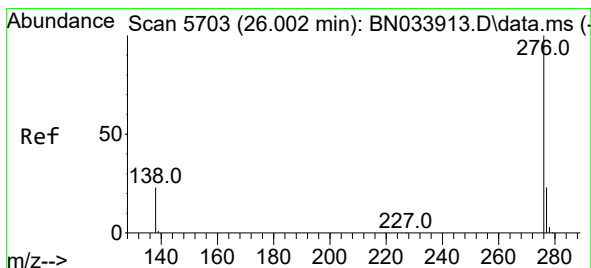
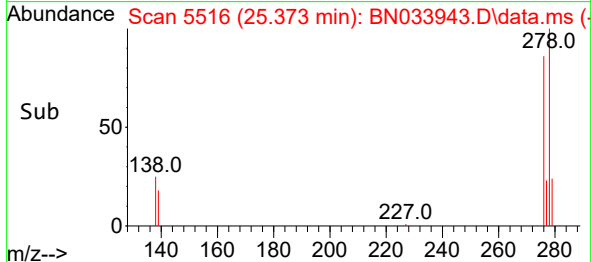
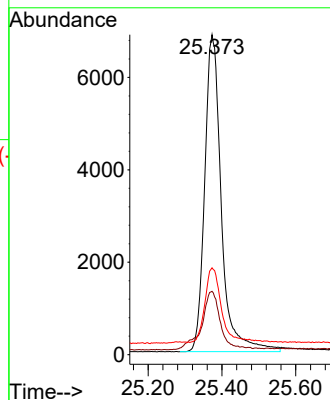
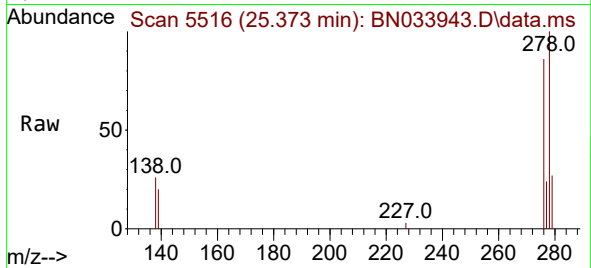




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 25.373 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.4306

Tgt Ion:278 Resp: 21516
Ion Ratio Lower Upper
278 100
139 19.8 17.3 25.9
279 27.1 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 25.997 min Scan# 5702
Delta R.T. -0.005 min
Lab File: BN033943.D
Acq: 15 Sep 2024 09:14

Tgt Ion:276 Resp: 22361
Ion Ratio Lower Upper
276 100
138 24.9 20.8 31.2
277 24.5 20.2 30.4

