

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023534.D
 Acq On : 03 Jan 2023 13:05
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4365

Quant Time: Jan 04 00:17:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:14:48 2023
 Response via : Initial Calibration

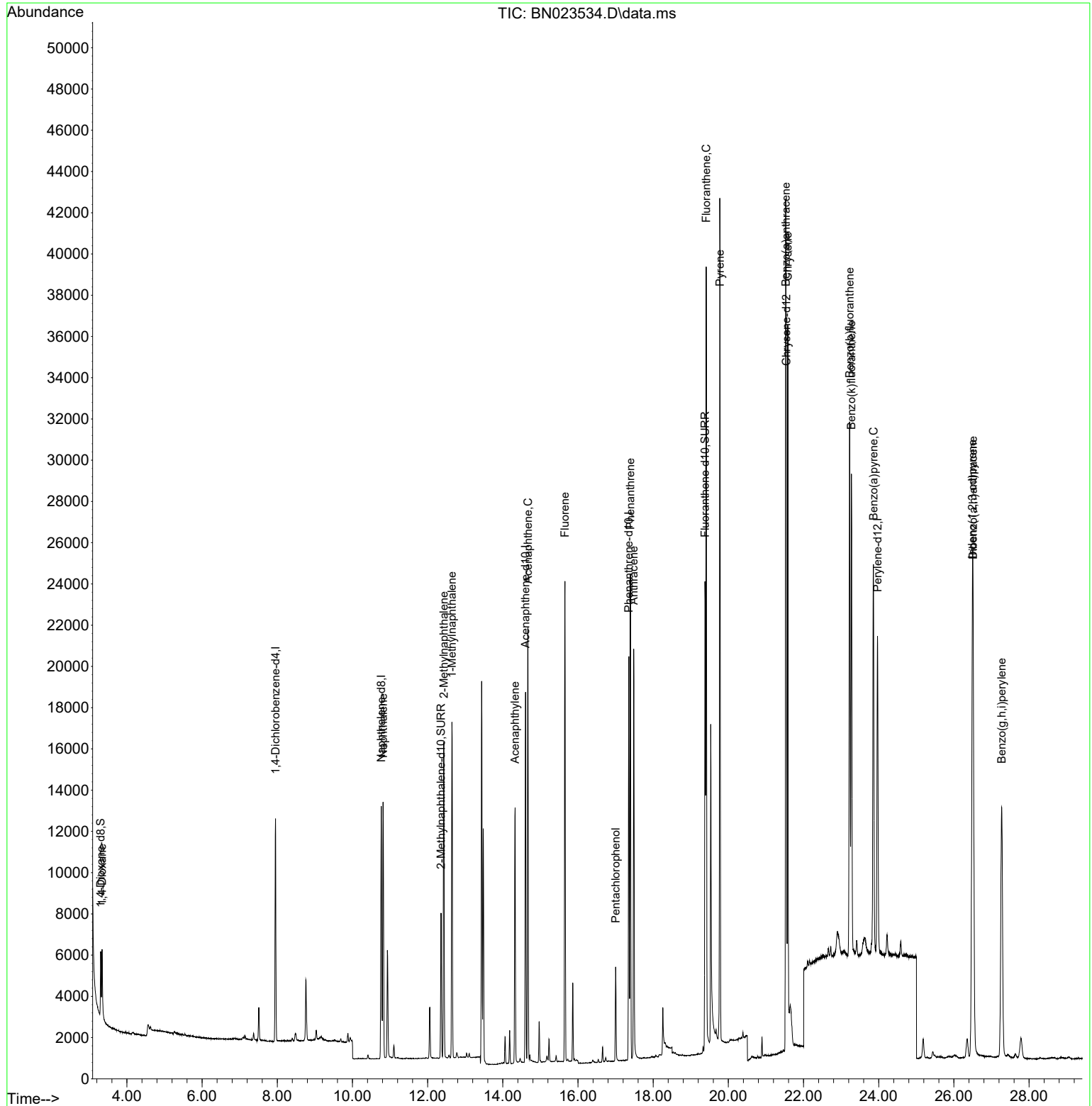
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	5246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	15626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	9234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	21458	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	22015	0.400	ng/ul	0.00
23) Perylene-d12	23.967	264	20723	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2131	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	8682	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	23509	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	2234	0.383	ng/ul#	74
5) Naphthalene	10.815	128	16339	0.356	ng/ul	100
7) 2-Methylnaphthalene	12.432	142	10459	0.356	ng/ul	100
8) 1-Methylnaphthalene	12.646	142	10670	0.353	ng/ul	100
10) Acenaphthylene	14.326	152	13705	0.335	ng/ul	100
11) Acenaphthene	14.668	153	11943	0.346	ng/ul	99
12) Fluorene	15.653	166	14110	0.364	ng/ul	98
14) Pentachlorophenol	17.001	266	2930	0.492	ng/ul	99
15) Phenanthrene	17.394	178	23766	0.340	ng/ul	100
16) Anthracene	17.483	178	21306	0.368	ng/ul	99
19) Fluoranthene	19.410	202	30818	0.289	ng/ul	99
20) Pyrene	19.773	202	32941	0.306	ng/ul	95
21) Benzo(a)anthracene	21.527	228	30730	0.359	ng/ul	98
22) Chrysene	21.579	228	29352	0.337	ng/ul	99
24) Benzo(b)fluoranthene	23.225	252	32785	0.306	ng/ul	99
25) Benzo(k)fluoranthene	23.274	252	30752	0.306	ng/ul	99
26) Benzo(a)pyrene	23.859	252	28128	0.331	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.491	276	33432	0.338	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.511	278	26760	0.348	ng/ul	100
29) Benzo(g,h,i)perylene	27.272	276	27048	0.335	ng/ul	99

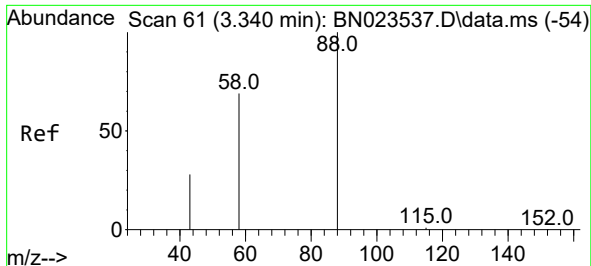
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
Data File : BN023534.D
Acq On : 03 Jan 2023 13:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Quant Time: Jan 04 00:17:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 00:14:48 2023
Response via : Initial Calibration

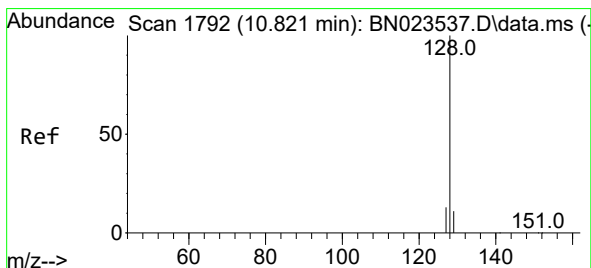
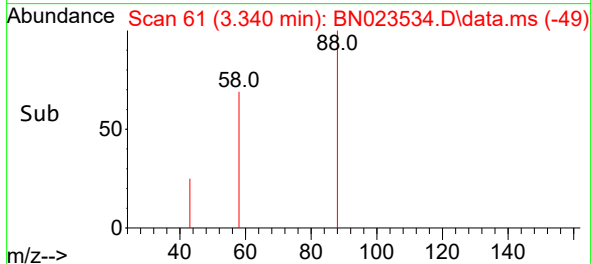
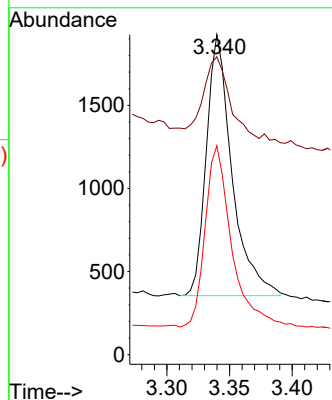
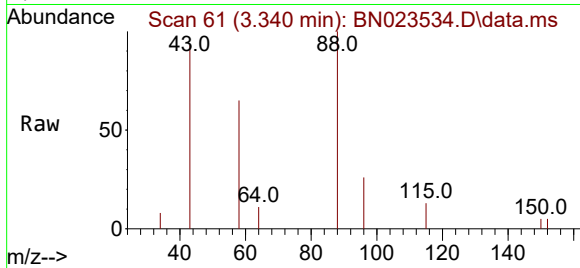




#2
1,4-Dioxane
Concen: 0.383 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

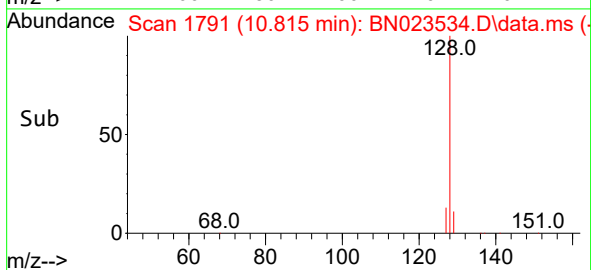
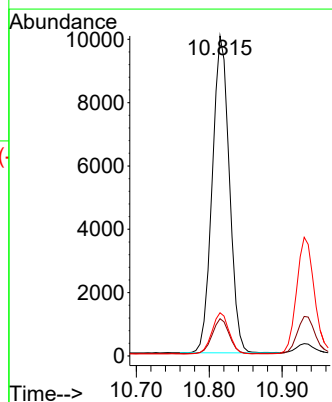
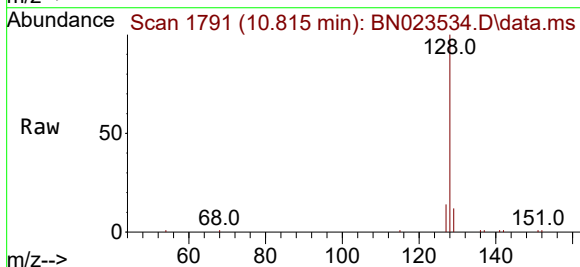
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

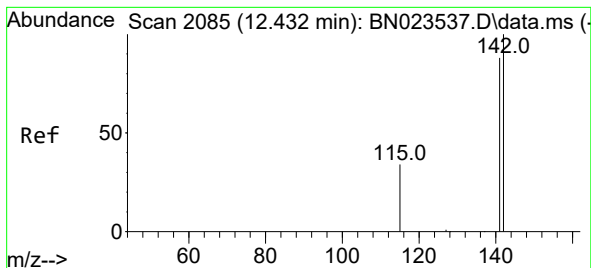
Tgt Ion: 88 Resp: 2234
Ion Ratio Lower Upper
88 100
43 93.1 44.0 66.0#
58 65.3 50.5 75.7



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:128 Resp: 16339
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 10.9 16.3

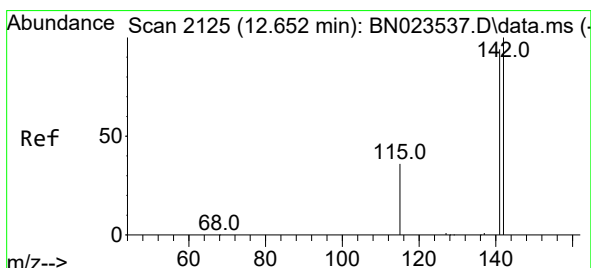
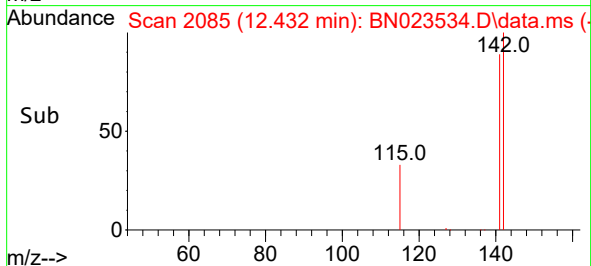
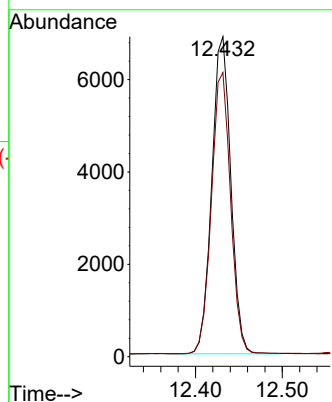
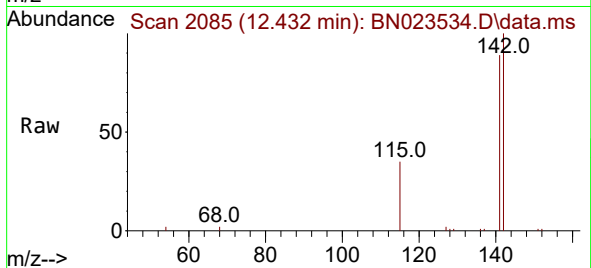




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. -0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

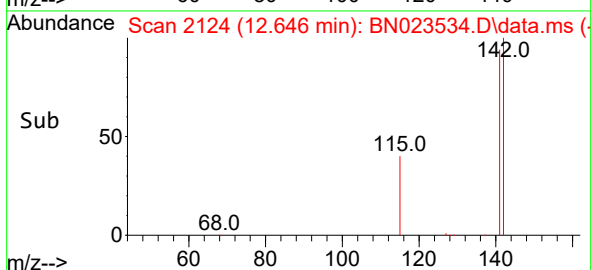
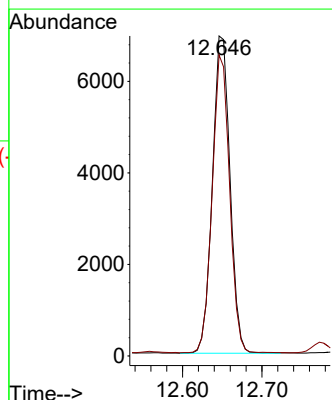
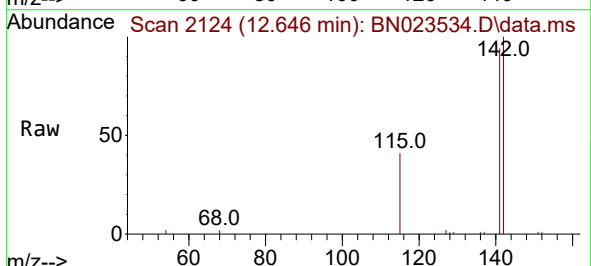
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

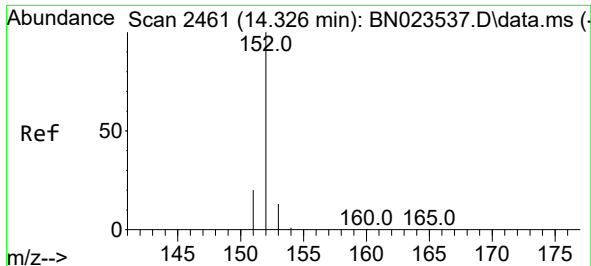
Tgt Ion:142 Resp: 10459
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:142 Resp: 10670
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

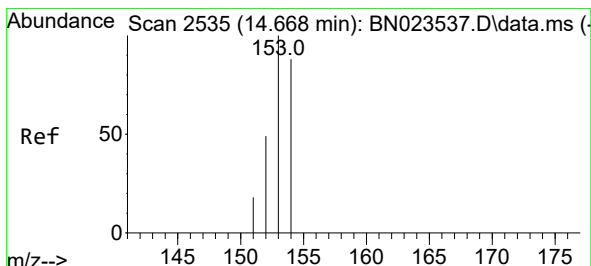
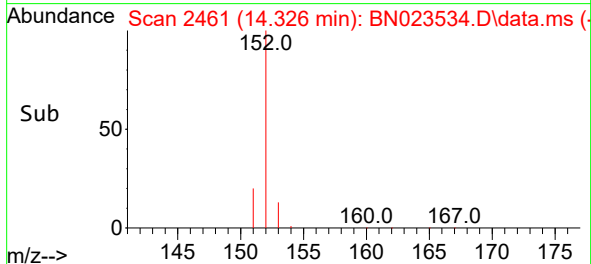
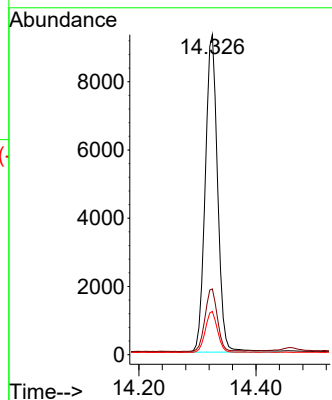
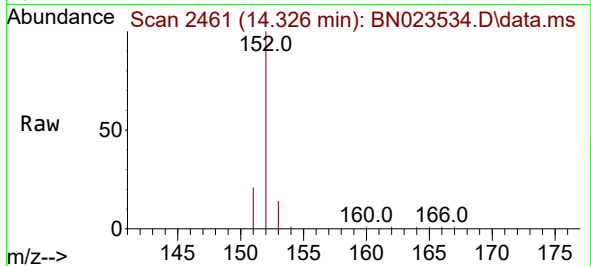




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

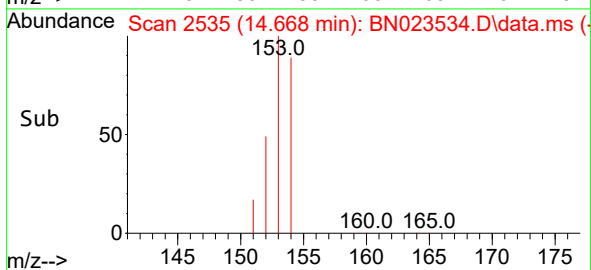
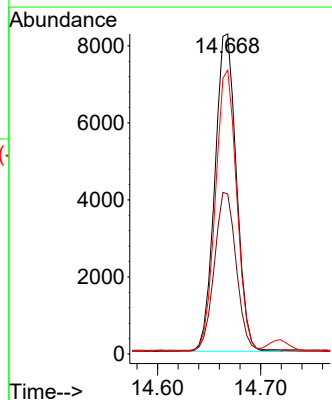
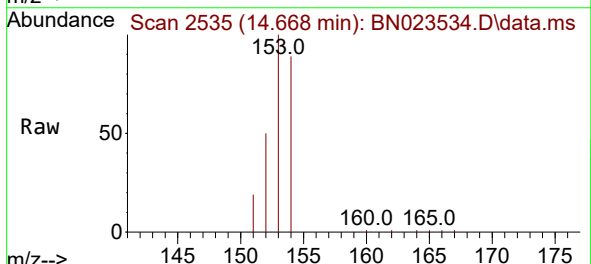
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

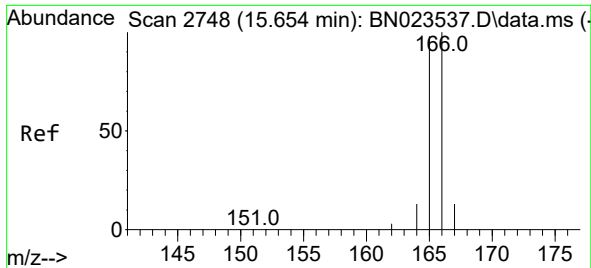
Tgt Ion:152 Resp: 13705
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:153 Resp: 11943
Ion Ratio Lower Upper
153 100
152 50.0 39.8 59.8
154 88.7 70.1 105.1

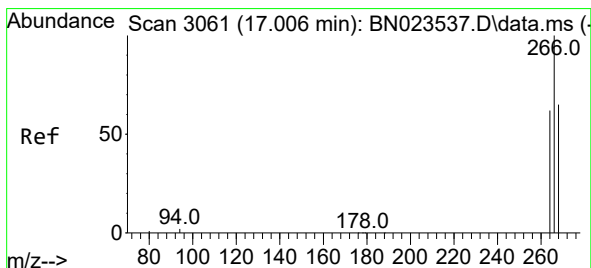
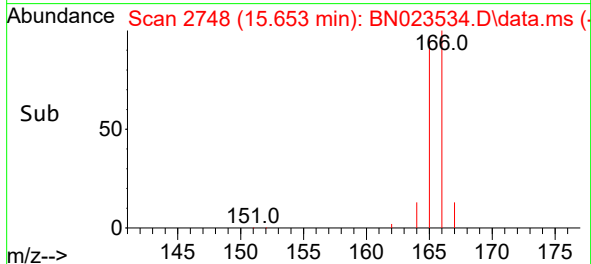
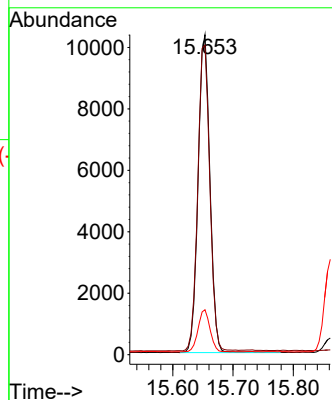
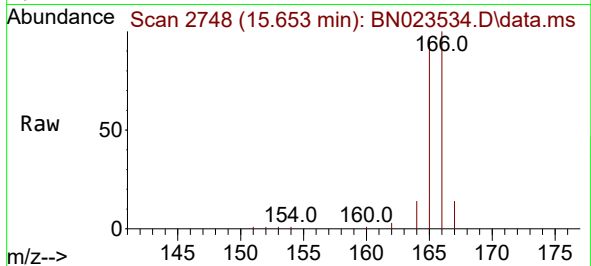




#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

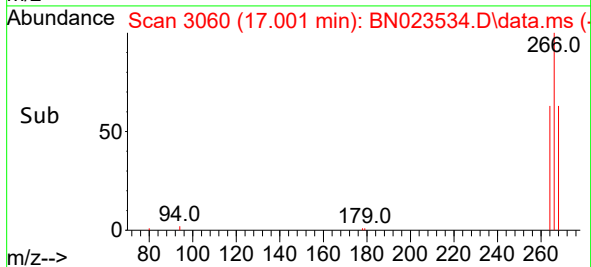
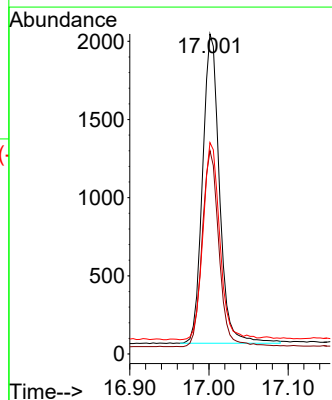
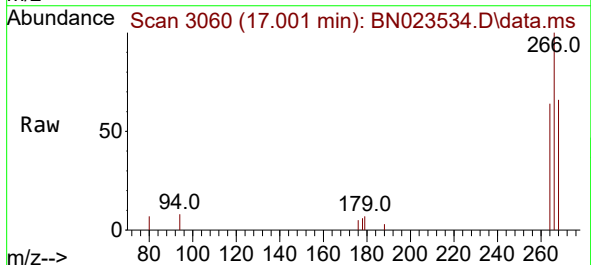
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

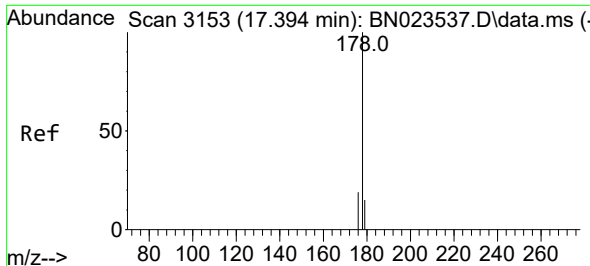
Tgt Ion:166 Resp: 14110
Ion Ratio Lower Upper
166 100
165 96.7 78.7 118.1
167 14.1 11.0 16.6



#14
Pentachlorophenol
Concen: 0.492 ng/ul
RT: 17.001 min Scan# 3060
Delta R.T. -0.005 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:266 Resp: 2930
Ion Ratio Lower Upper
266 100
264 63.1 50.0 75.0
268 63.5 51.4 77.0

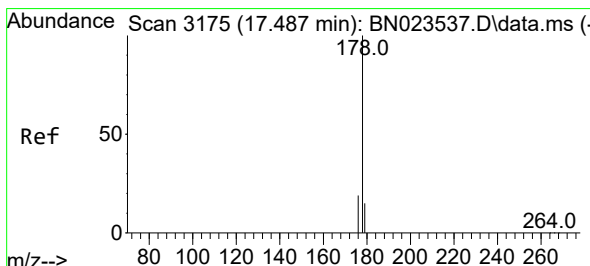
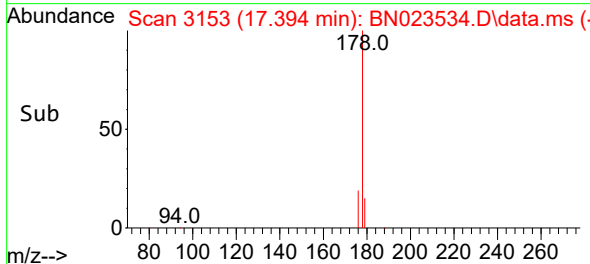
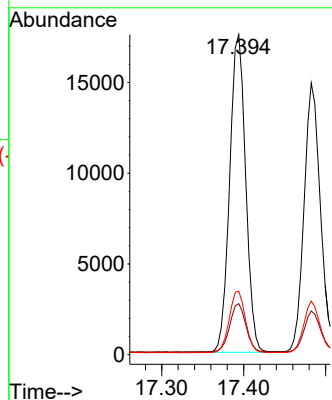
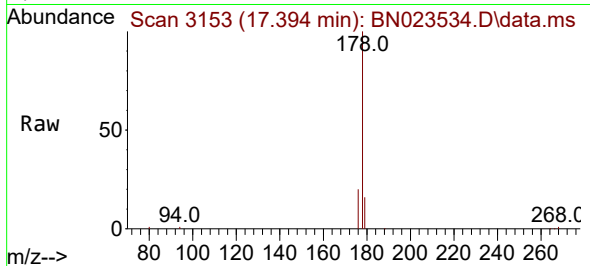




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

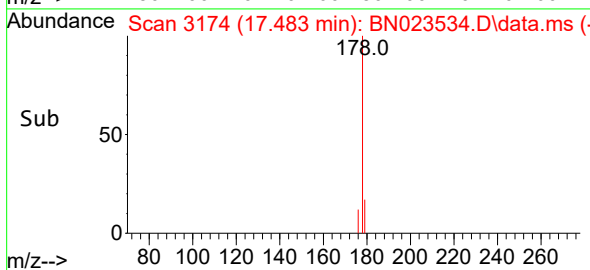
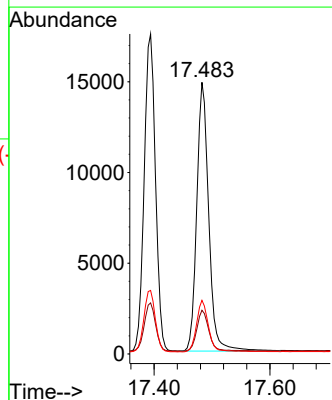
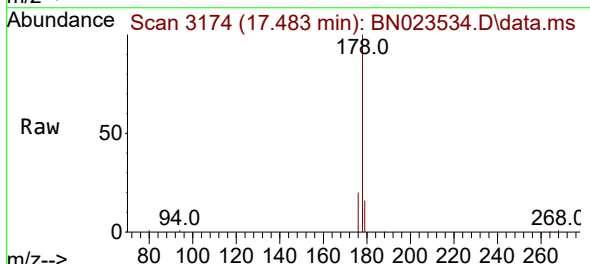
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

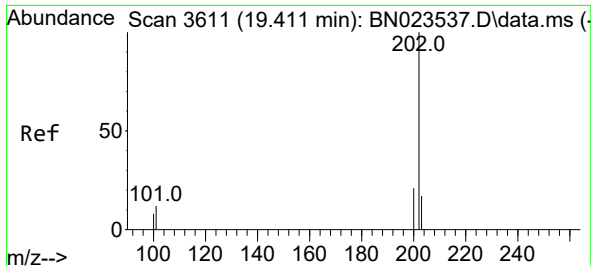
Tgt Ion:178 Resp: 23766
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.483 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:178 Resp: 21306
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.8 15.4 23.2

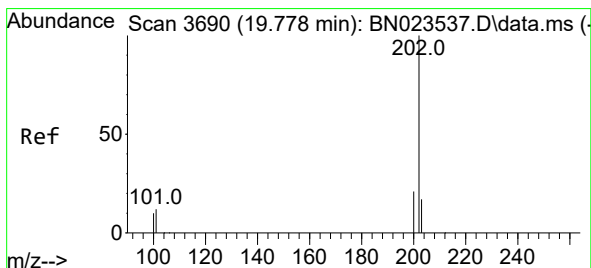
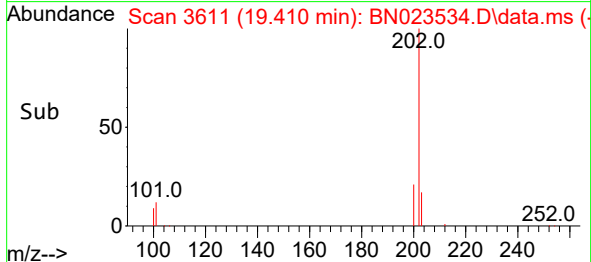
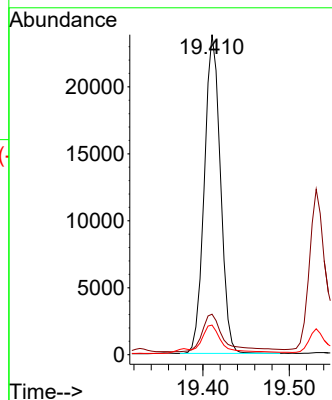
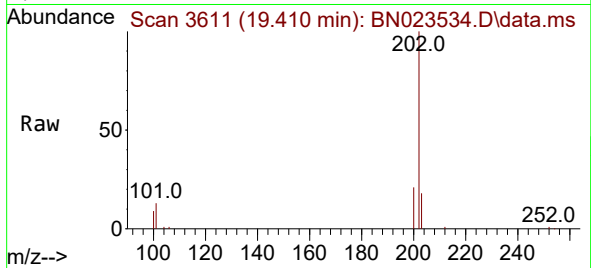




#19
Fluoranthene
Concen: 0.289 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

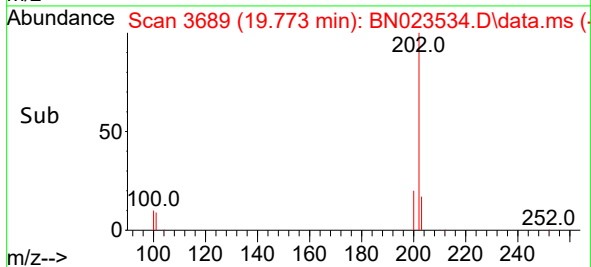
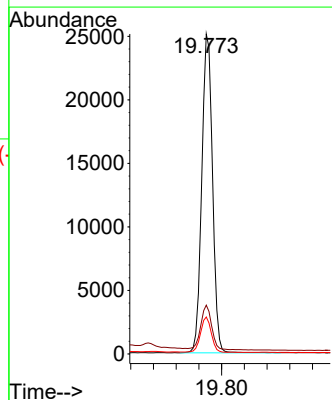
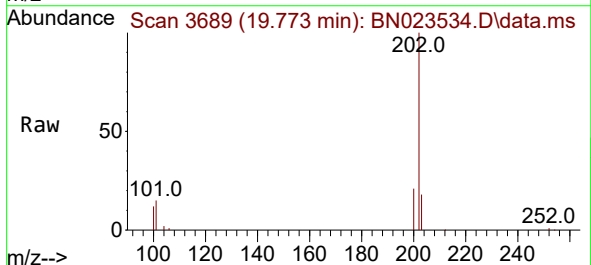
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

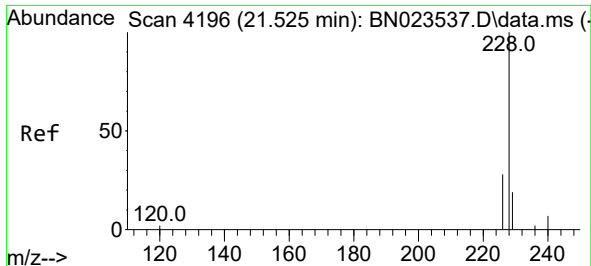
Tgt Ion:202 Resp: 30818
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.6
100 9.3 7.4 11.2



#20
Pyrene
Concen: 0.306 ng/ul
RT: 19.773 min Scan# 3689
Delta R.T. -0.005 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

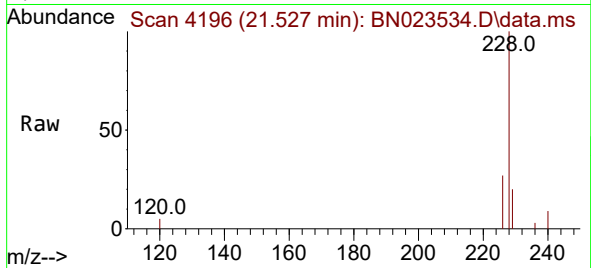
Tgt Ion:202 Resp: 32941
Ion Ratio Lower Upper
202 100
101 15.2 10.3 15.5
100 11.5 8.0 12.0



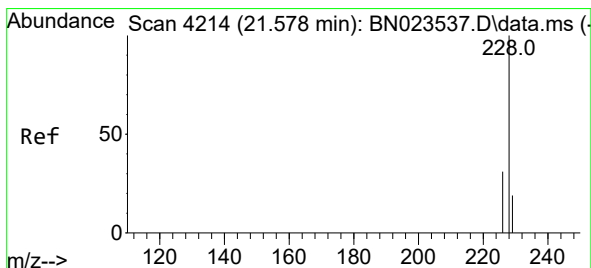
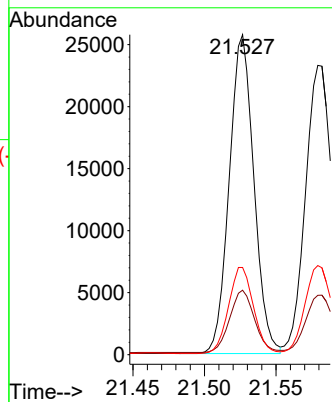
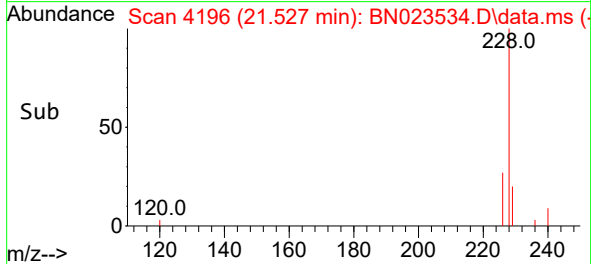


#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.527 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

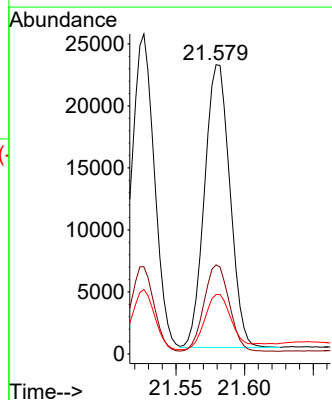
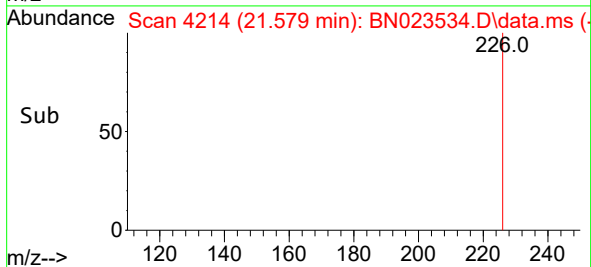
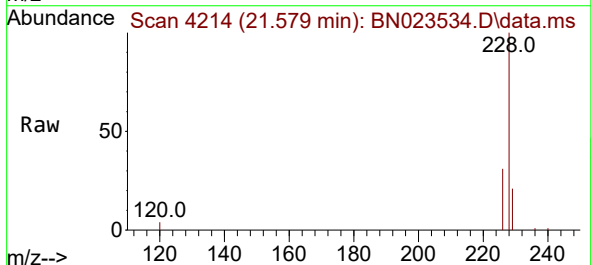


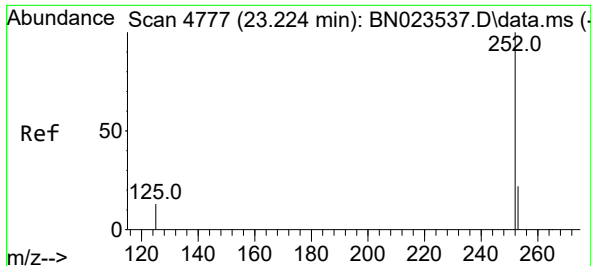
Tgt Ion:228 Resp: 30730
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.2 22.4 33.6



#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.579 min Scan# 4214
Delta R.T. 0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:228 Resp: 29352
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 20.5 15.8 23.6

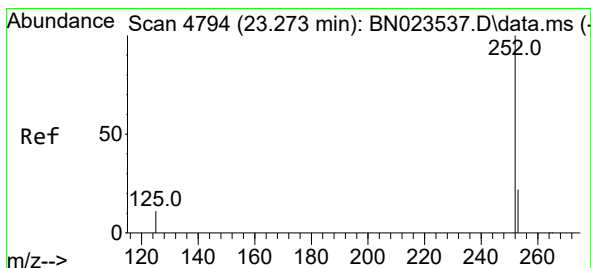
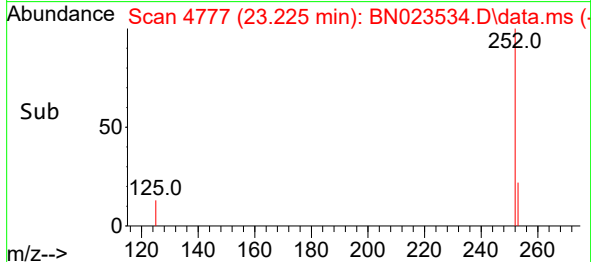
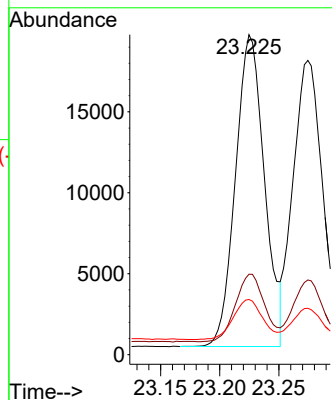
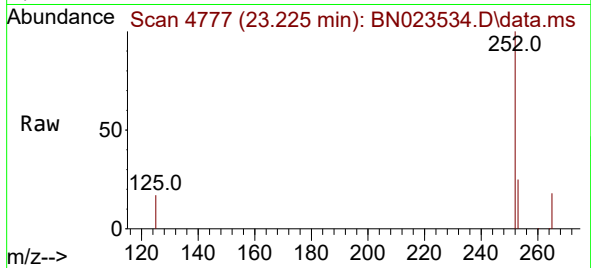




#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul
RT: 23.225 min Scan# 4777
Delta R.T. 0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

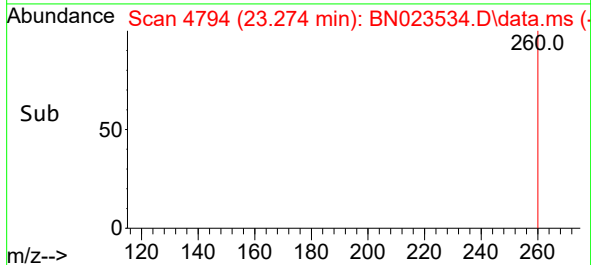
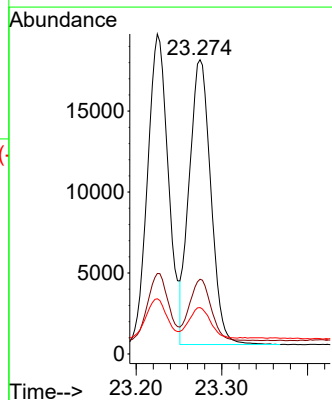
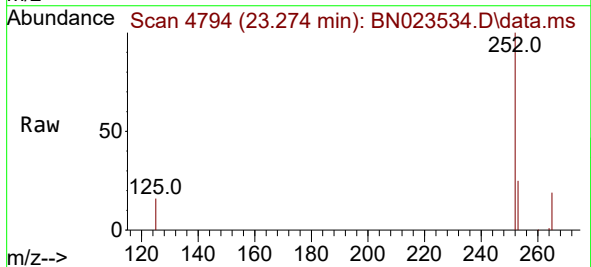
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

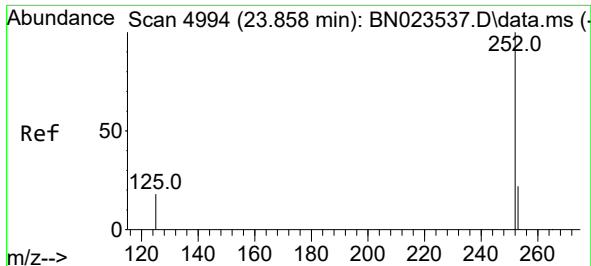
Tgt Ion:252 Resp: 32785
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.2
125 17.3 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. 0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

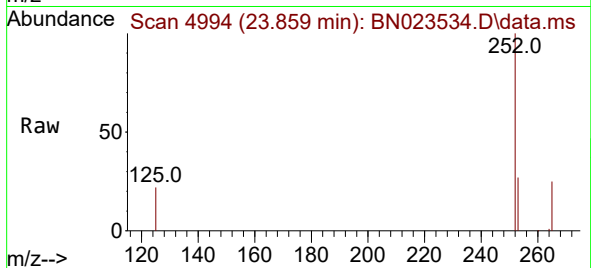
Tgt Ion:252 Resp: 30752
Ion Ratio Lower Upper
252 100
253 25.4 20.2 30.2
125 15.8 12.1 18.1



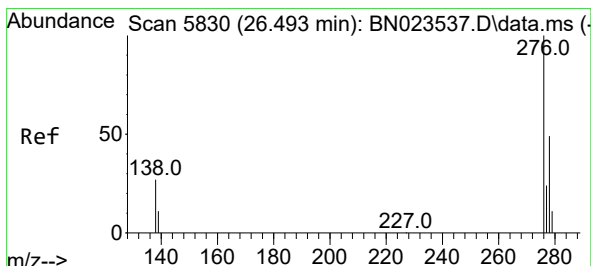
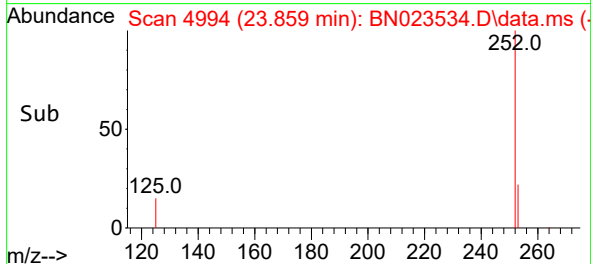
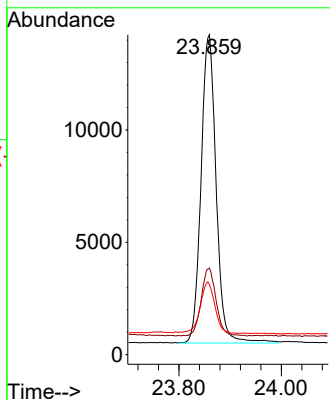


#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.859 min Scan# 4994
Delta R.T. 0.001 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

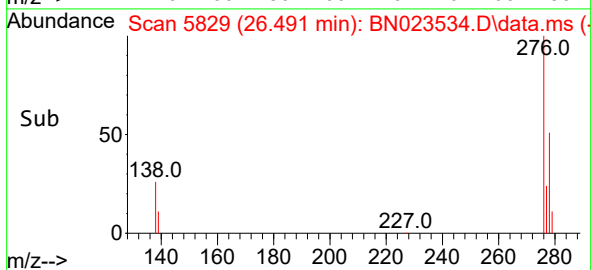
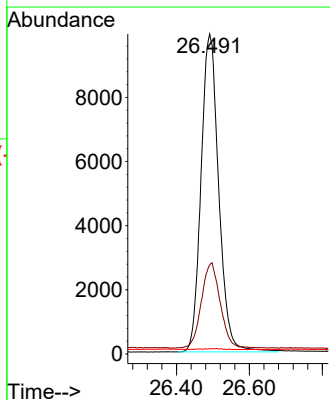
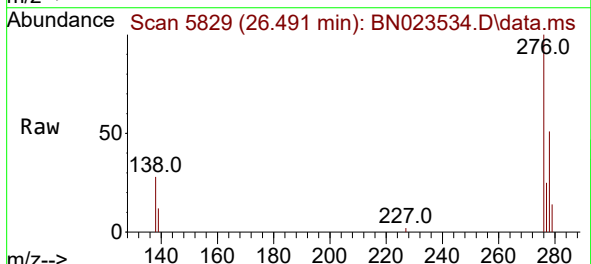


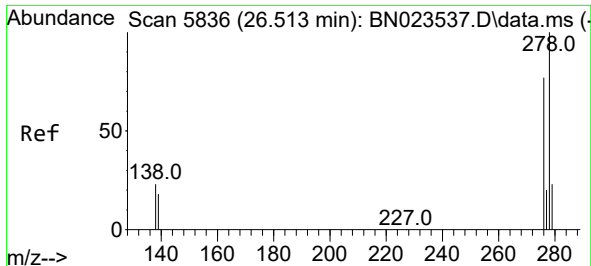
Tgt Ion:252 Resp: 28128
Ion Ratio Lower Upper
252 100
253 27.0 21.4 32.0
125 21.9 18.4 27.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 26.491 min Scan# 5829
Delta R.T. -0.002 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:276 Resp: 33432
Ion Ratio Lower Upper
276 100
138 28.4 23.2 34.8
227 0.1 0.1 0.1#

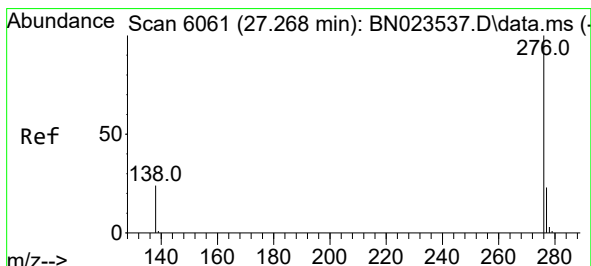
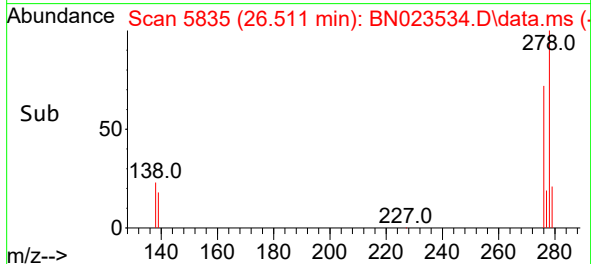
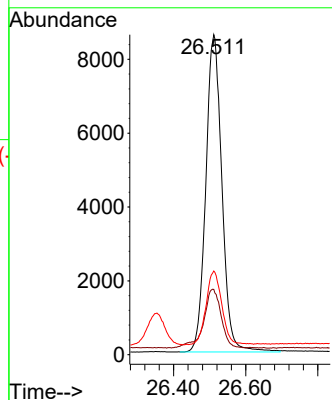
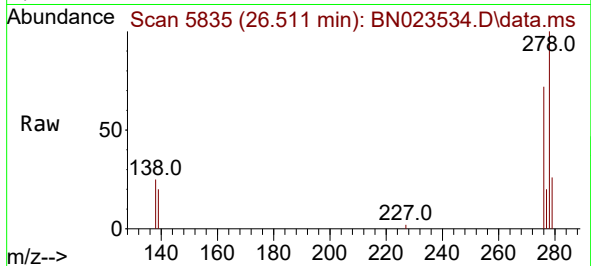




#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.511 min Scan# 5836
Delta R.T. -0.002 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:278 Resp: 26760
Ion Ratio Lower Upper
278 100
139 20.4 16.5 24.7
279 26.2 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 27.272 min Scan# 6062
Delta R.T. 0.005 min
Lab File: BN023534.D
Acq: 03 Jan 2023 13:05

Tgt Ion:276 Resp: 27048
Ion Ratio Lower Upper
276 100
138 26.5 20.7 31.1
277 24.7 19.6 29.4

