

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
 Data File : BN027361.D
 Acq On : 02 Sep 2023 03:12
 Operator : MA/JU
 Sample : SST0.226
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2245

Quant Time: Sep 02 06:11:01 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:08:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

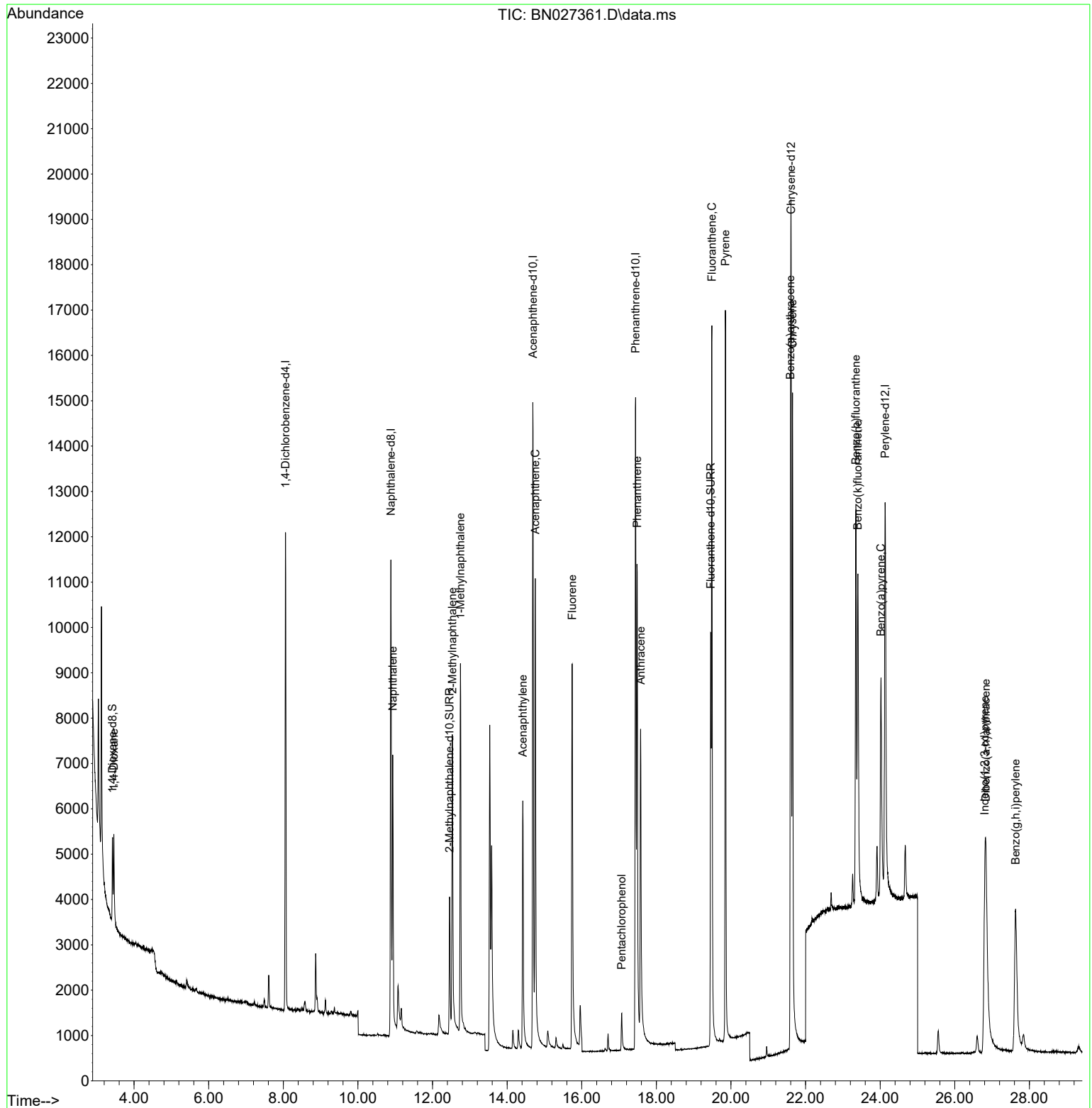
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	15927	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	9159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	20227	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	16305	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	14773	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1391	0.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4663	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.460	212	11209	0.218	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.456	88	1516	0.231	ng/ul#	77
5) Naphthalene	10.933	128	8858	0.197	ng/ul	98
7) 2-Methylnaphthalene	12.533	142	5582	0.205	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	6077	0.213	ng/ul	98
10) Acenaphthylene	14.421	152	8173	0.159	ng/ul	98
11) Acenaphthene	14.754	153	7096	0.200	ng/ul	99
12) Fluorene	15.744	166	7675	0.191	ng/ul	99
14) Pentachlorophenol	17.067	266	740	0.129	ng/ul	96
15) Phenanthrene	17.485	178	12942	0.195	ng/ul	99
16) Anthracene	17.578	178	9922	0.165	ng/ul	99
19) Fluoranthene	19.487	202	14872	0.220	ng/ul	100
20) Pyrene	19.850	202	15330	0.212	ng/ul	99
21) Benzo(a)anthracene	21.595	228	11377	0.175	ng/ul	99
22) Chrysene	21.650	228	13735	0.215	ng/ul	99
24) Benzo(b)fluoranthene	23.348	252	12997	0.233	ng/ul	94
25) Benzo(k)fluoranthene	23.401	252	12937	0.235	ng/ul#	92
26) Benzo(a)pyrene	24.018	252	10234	0.203	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.804	276	11112	0.168	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.834	278	8434	0.160	ng/ul	94
29) Benzo(g,h,i)perylene	27.629	276	10217	0.186	ng/ul	97

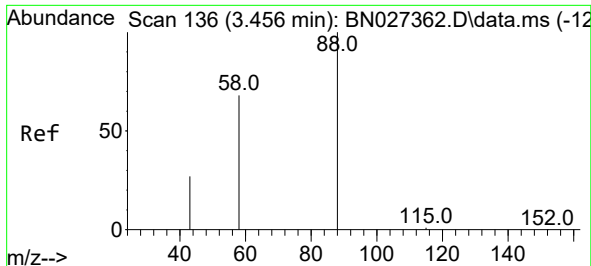
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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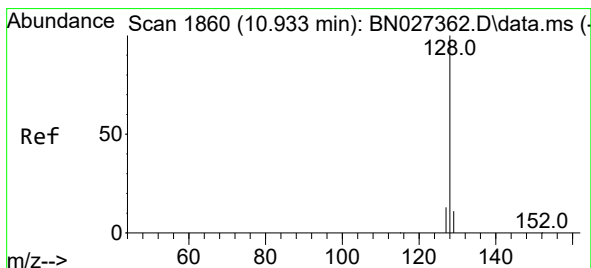
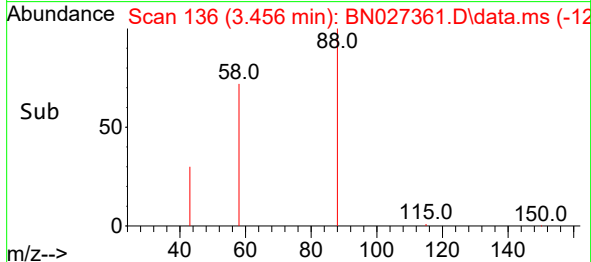
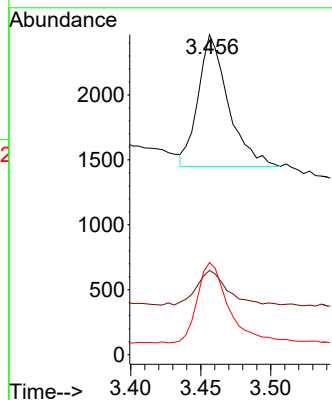
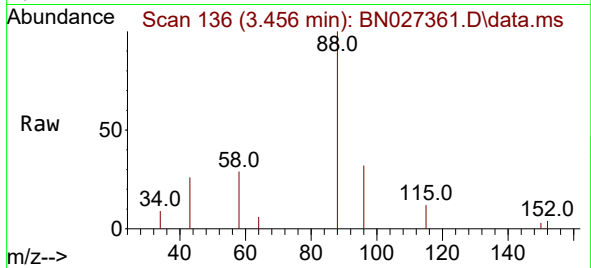




#2
1,4-Dioxane
Concen: 0.231 ng/ul
RT: 3.456 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

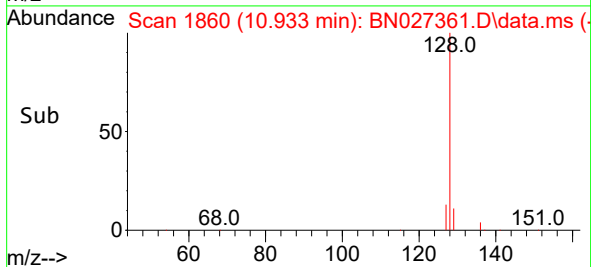
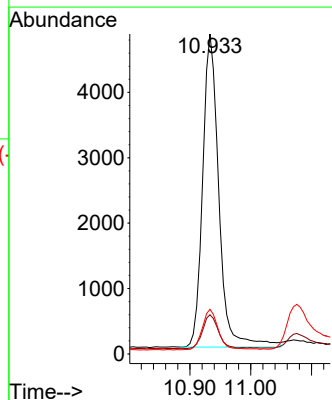
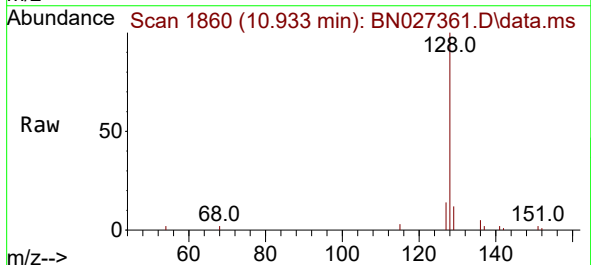
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

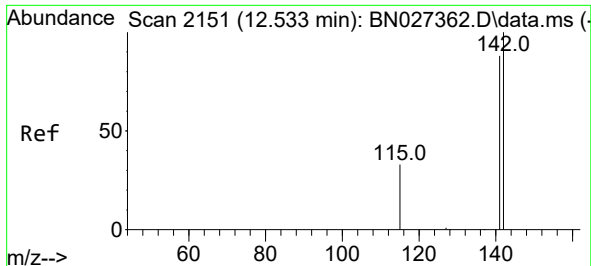
Tgt Ion: 88 Resp: 1516
Ion Ratio Lower Upper
88 100
43 26.3 26.8 40.2#
58 28.8 39.9 59.9#



#5
Naphthalene
Concen: 0.197 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion: 128 Resp: 8858
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 14.0 10.6 16.0

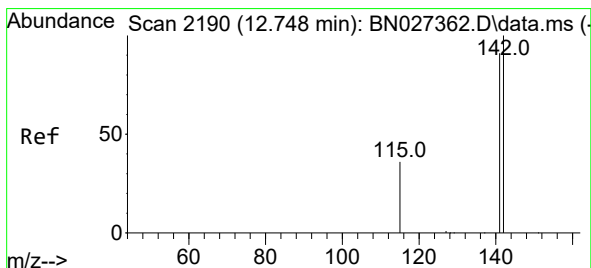
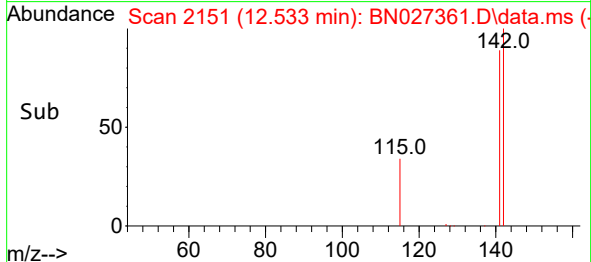
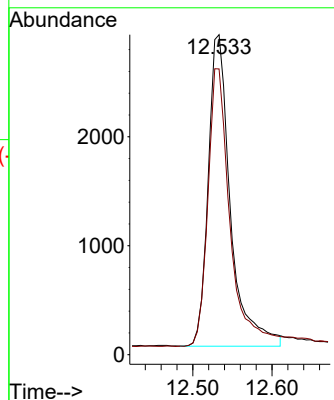
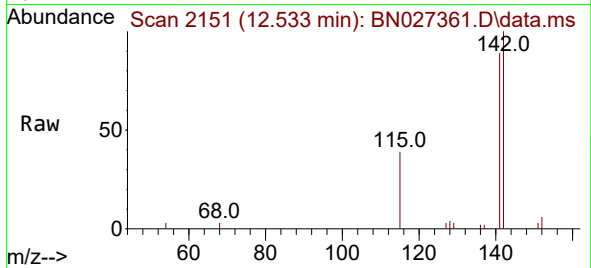




#7
2-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.533 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

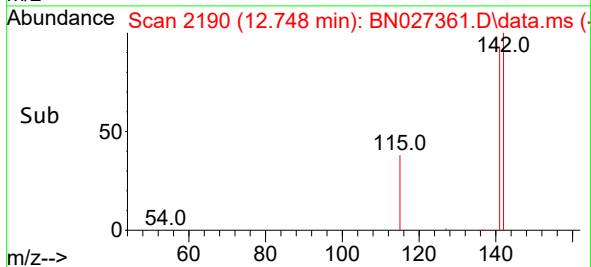
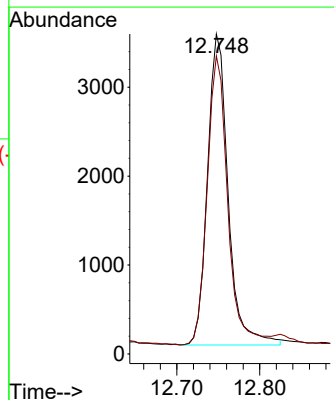
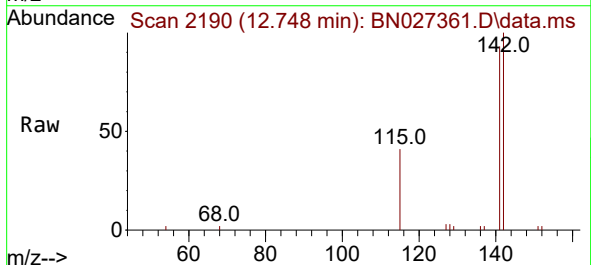
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

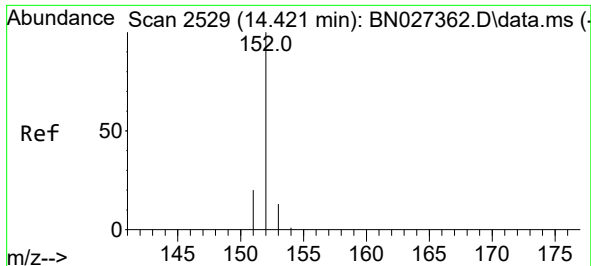
Tgt Ion:142 Resp: 5582
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:142 Resp: 6077
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.4

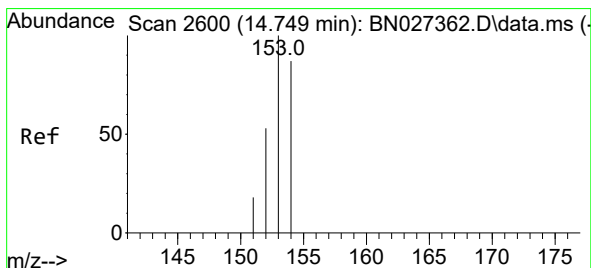
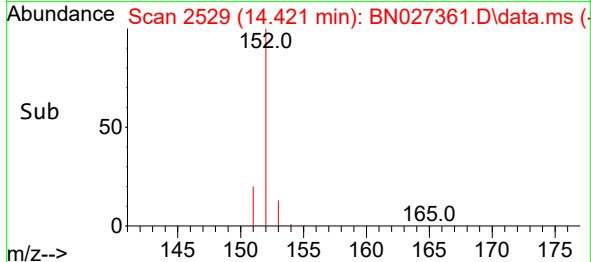
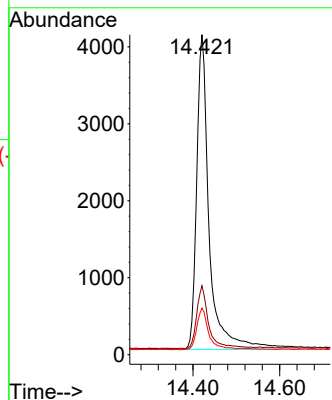
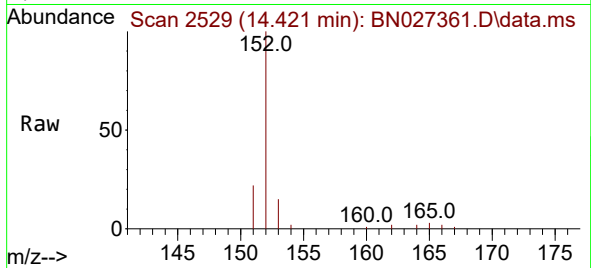




#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

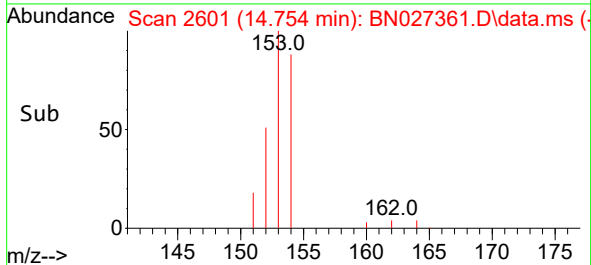
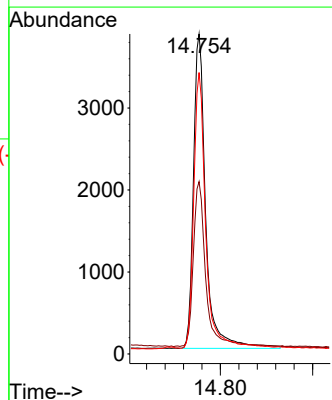
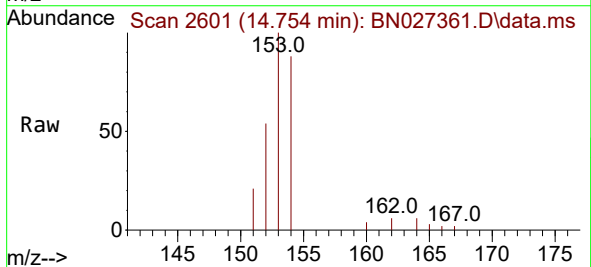
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

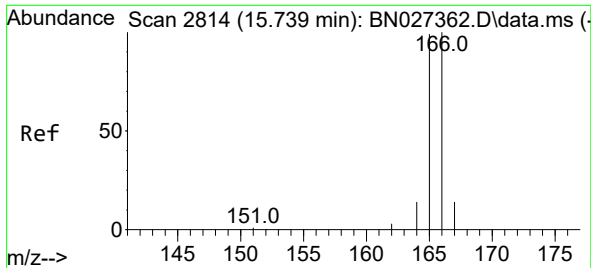
Tgt Ion:152 Resp: 8173
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.6 11.1 16.7



#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.754 min Scan# 2601
Delta R.T. 0.005 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:153 Resp: 7096
Ion Ratio Lower Upper
153 100
152 53.9 42.9 64.3
154 88.0 69.4 104.0

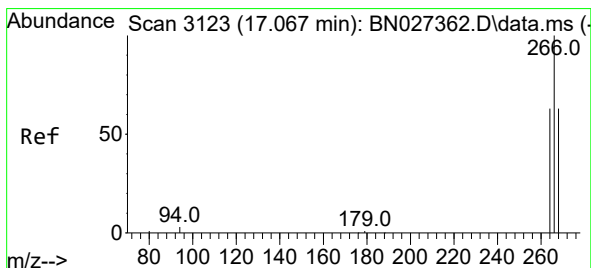
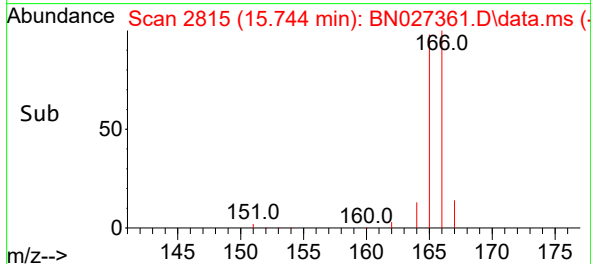
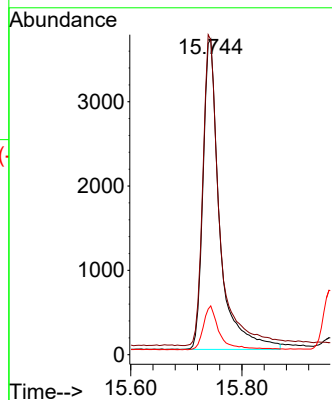
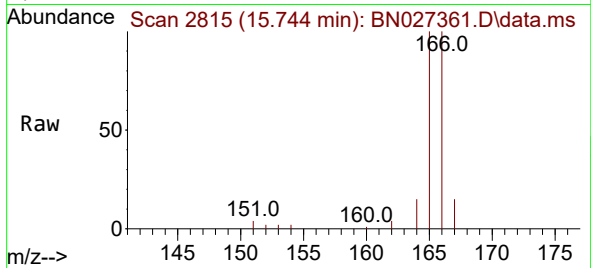




#12
Fluorene
Concen: 0.191 ng/ul
RT: 15.744 min Scan# 2815
Delta R.T. 0.005 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

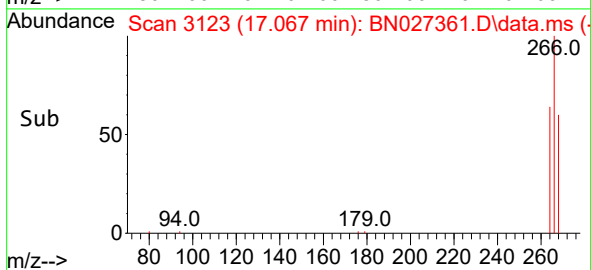
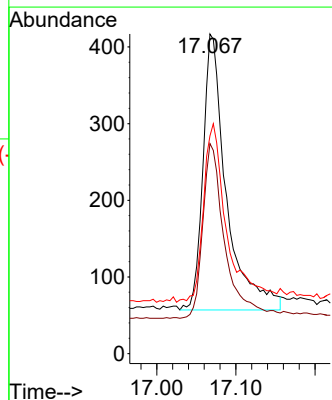
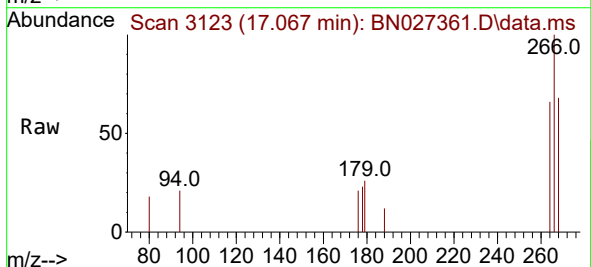
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

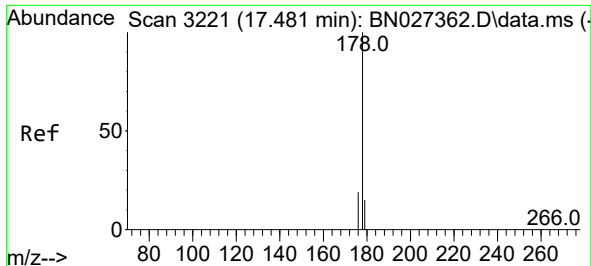
Tgt Ion:166 Resp: 7675
Ion Ratio Lower Upper
166 100
165 99.7 79.6 119.4
167 15.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.129 ng/ul
RT: 17.067 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:266 Resp: 740
Ion Ratio Lower Upper
266 100
264 60.4 50.4 75.6
268 61.8 51.9 77.9

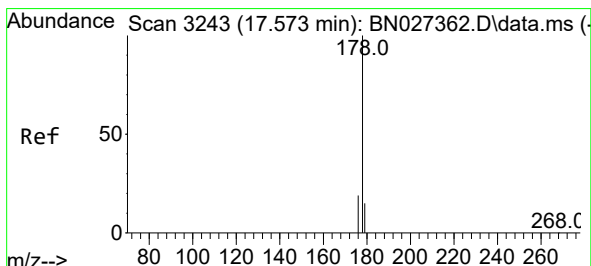
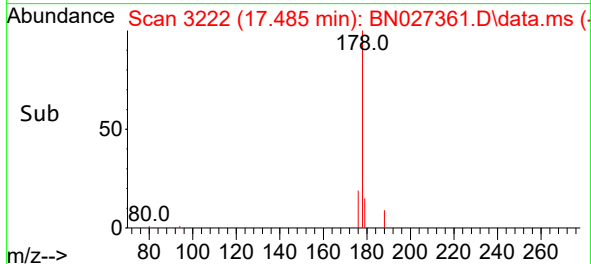
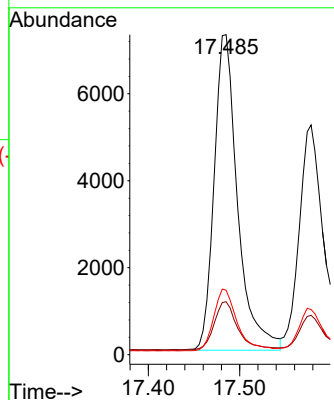
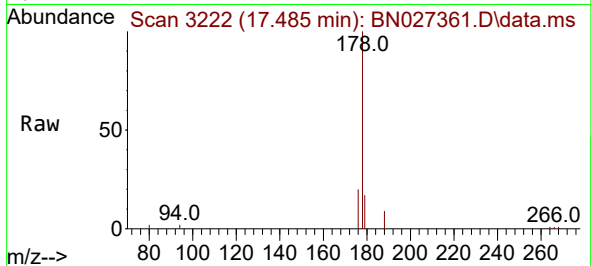




#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.485 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

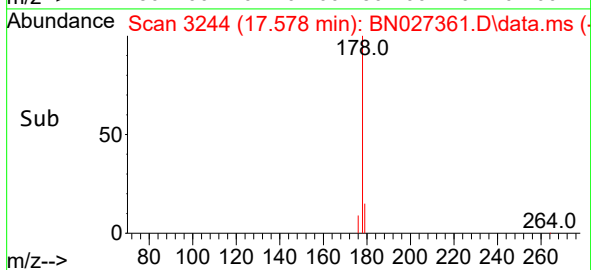
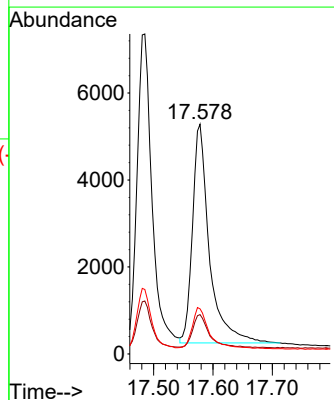
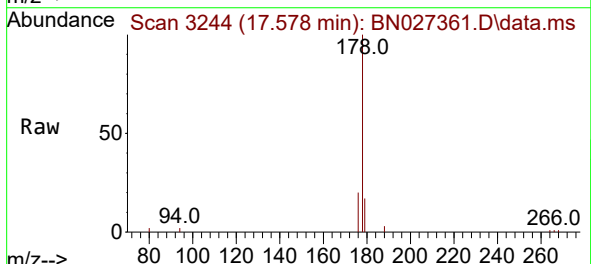
Instrument :
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ClientSampleId :
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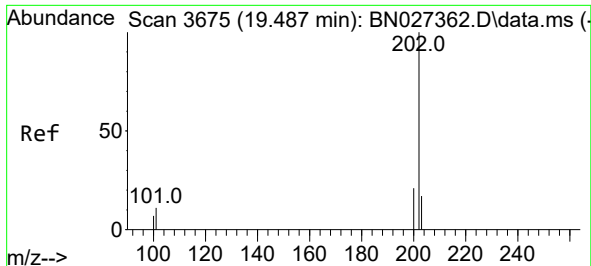
Tgt Ion:178 Resp: 12942
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 20.1 15.8 23.8



#16
Anthracene
Concen: 0.165 ng/ul
RT: 17.578 min Scan# 3244
Delta R.T. 0.005 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:178 Resp: 9922
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 19.7 15.6 23.4

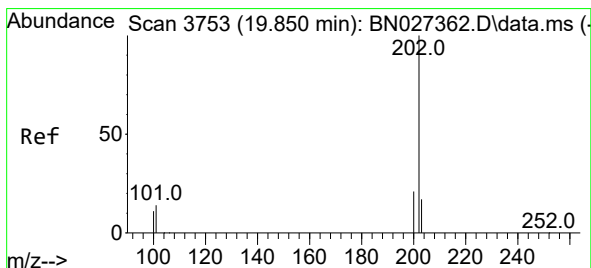
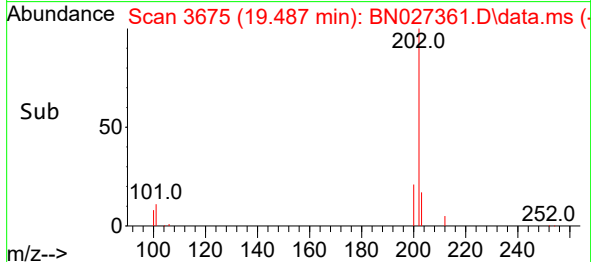
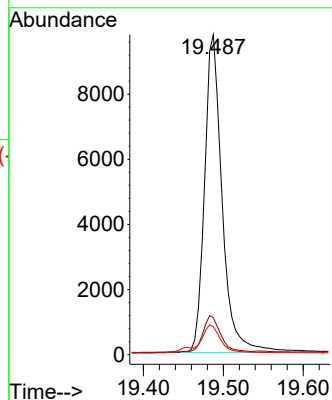
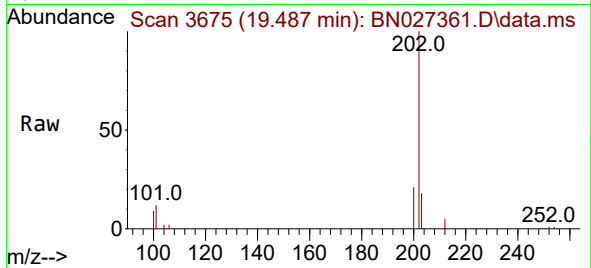




#19
Fluoranthene
Concen: 0.220 ng/ul
RT: 19.487 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

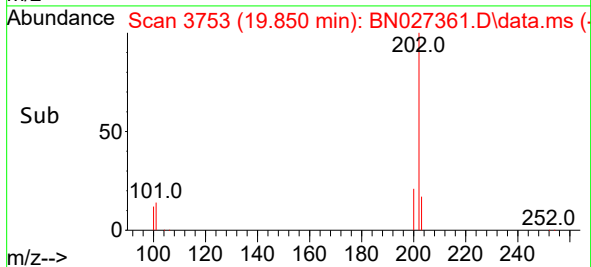
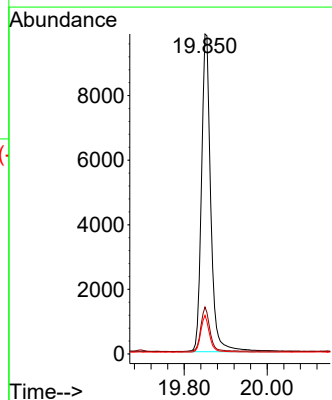
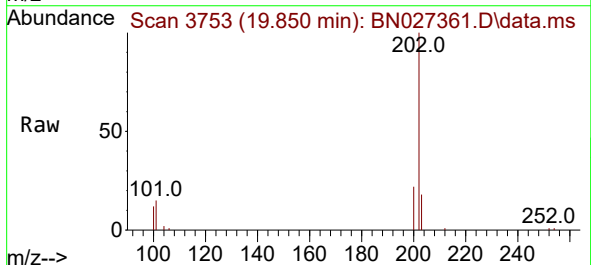
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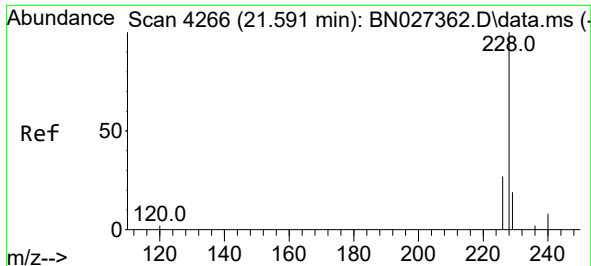
Tgt Ion:202 Resp: 14872
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.0
100 8.8 6.9 10.3



#20
Pyrene
Concen: 0.212 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:202 Resp: 15330
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.2
100 12.0 9.4 14.2

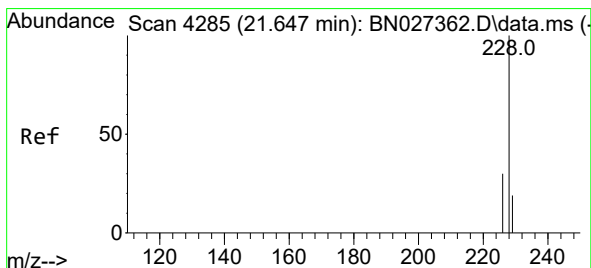
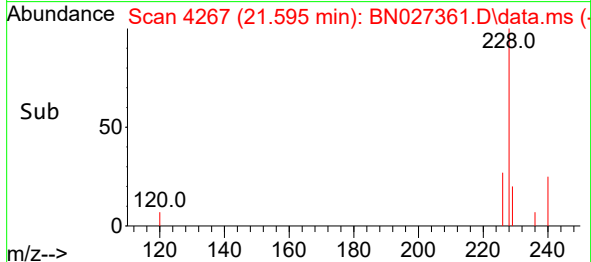
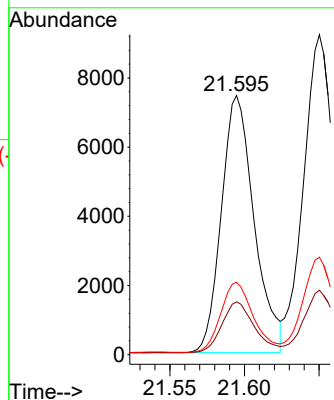
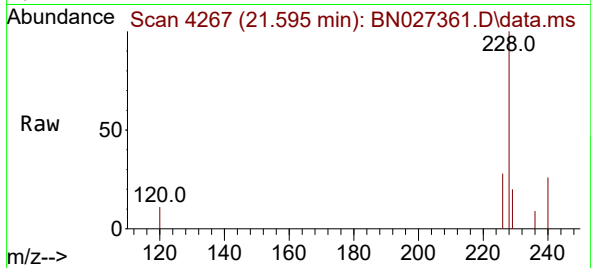




#21
Benzo(a)anthracene
Concen: 0.175 ng/ul
RT: 21.595 min Scan# 4266
Delta R.T. 0.003 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

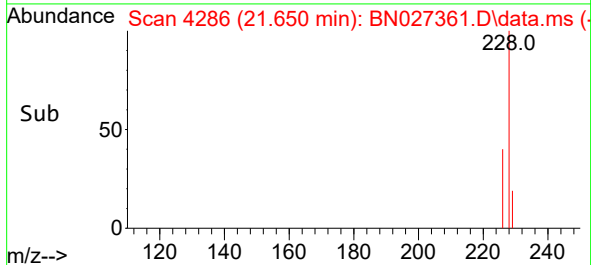
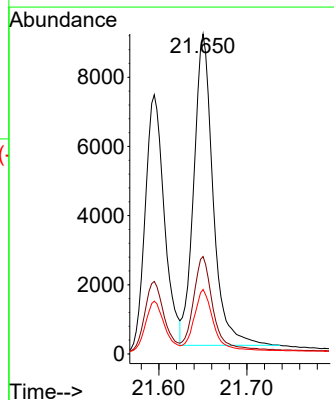
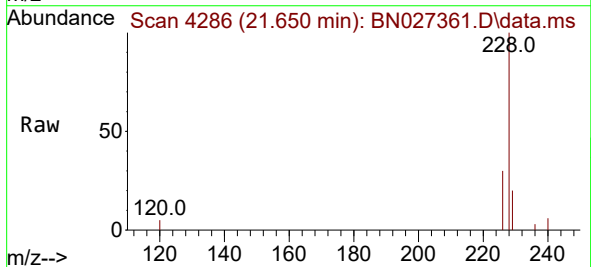
Instrument :
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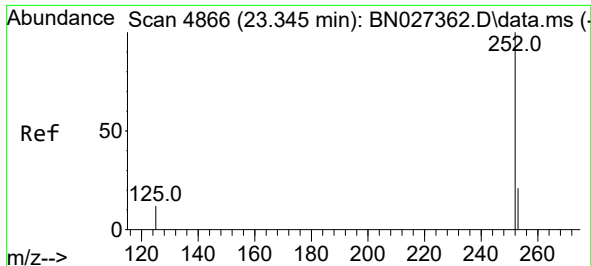
Tgt Ion:228 Resp: 11377
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.215 ng/ul
RT: 21.650 min Scan# 4286
Delta R.T. 0.003 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:228 Resp: 13735
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 20.1 15.6 23.4

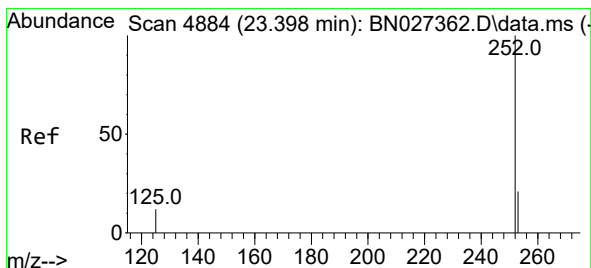
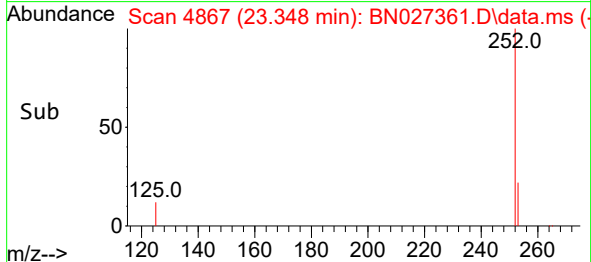
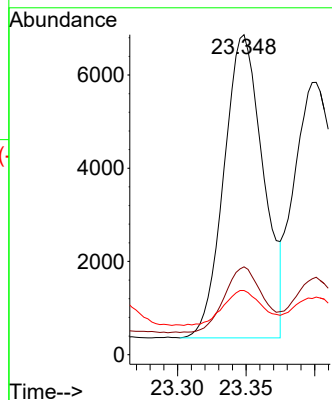
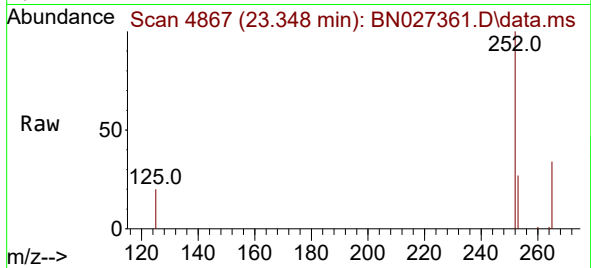




#24
Benzo(b)fluoranthene
Concen: 0.233 ng/ul
RT: 23.348 min Scan# 4867
Delta R.T. 0.003 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

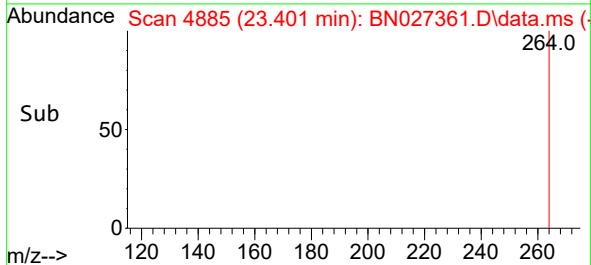
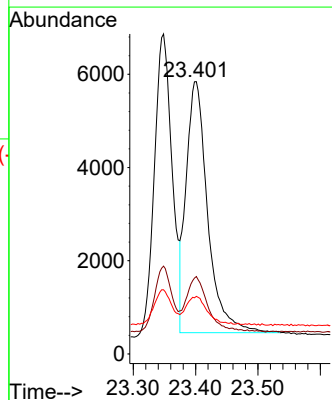
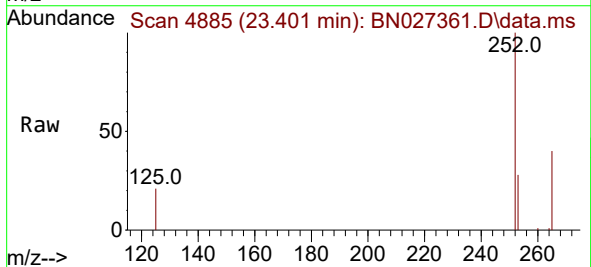
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

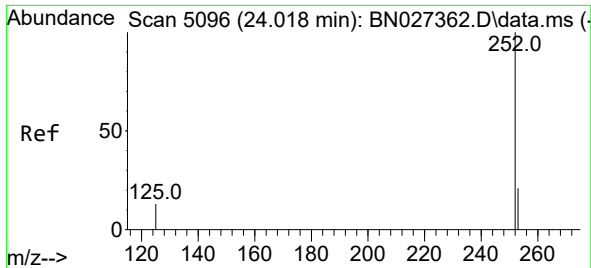
Tgt Ion:252 Resp: 12997
Ion Ratio Lower Upper
252 100
253 27.5 0.0 49.6
125 20.0 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.235 ng/ul
RT: 23.401 min Scan# 4885
Delta R.T. 0.003 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:252 Resp: 12937
Ion Ratio Lower Upper
252 100
253 28.4 19.9 29.9
125 21.1 13.6 20.4#

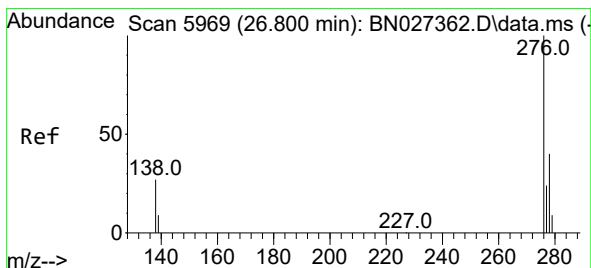
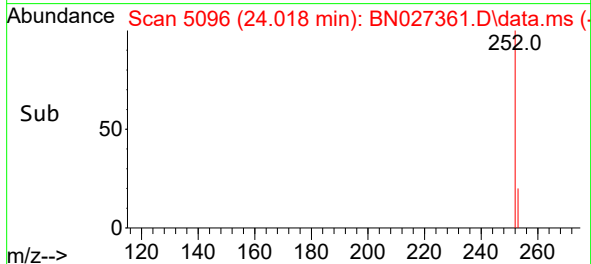
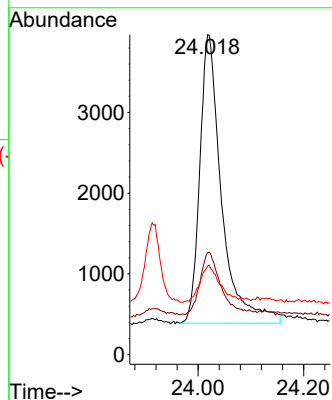
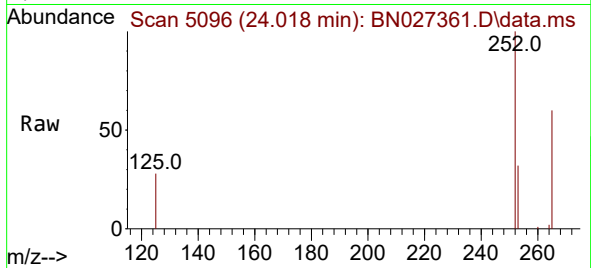




#26
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 24.018 min Scan# 5096
Delta R.T. 0.000 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

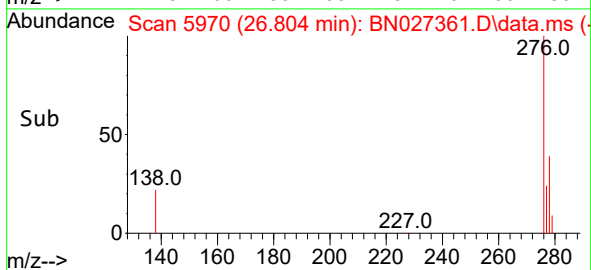
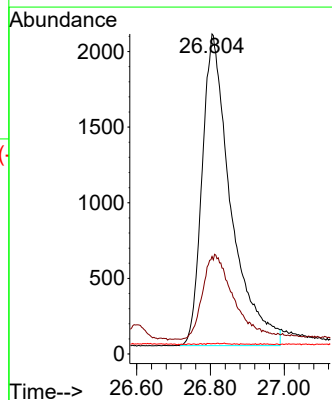
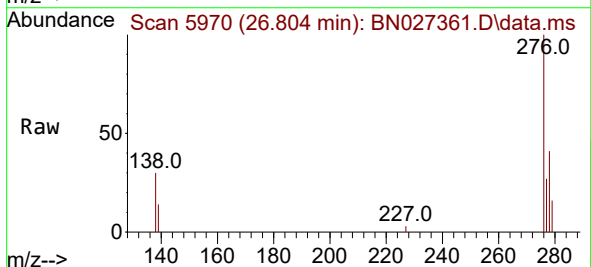
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

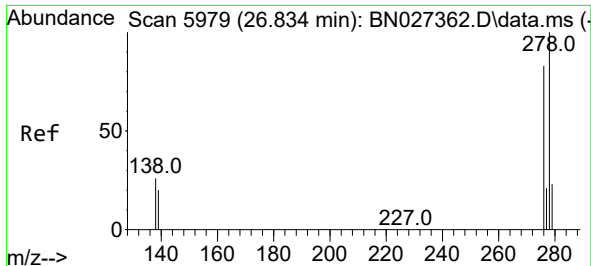
Tgt Ion:252 Resp: 10234
Ion Ratio Lower Upper
252 100
253 31.8 22.4 33.6
125 27.7 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 26.804 min Scan# 5970
Delta R.T. 0.004 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion:276 Resp: 11112
Ion Ratio Lower Upper
276 100
138 29.7 23.9 35.9
227 0.0 0.1 0.1#

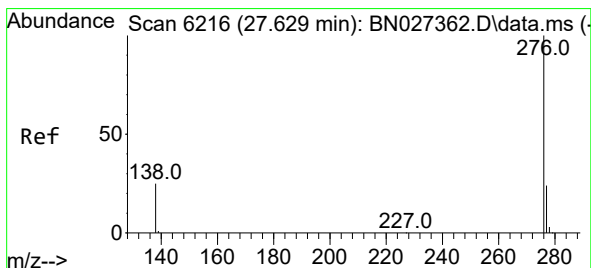
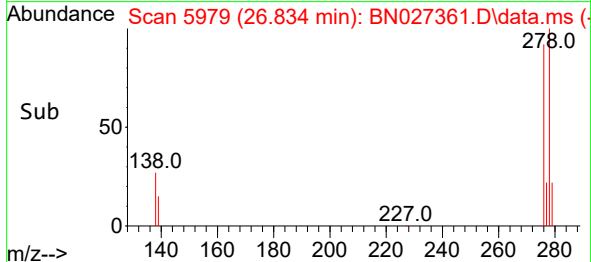
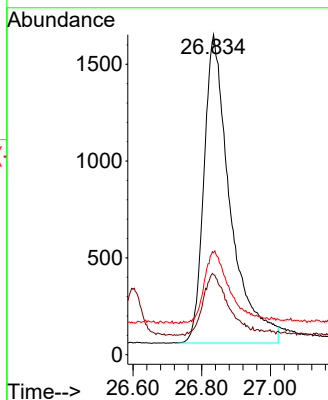
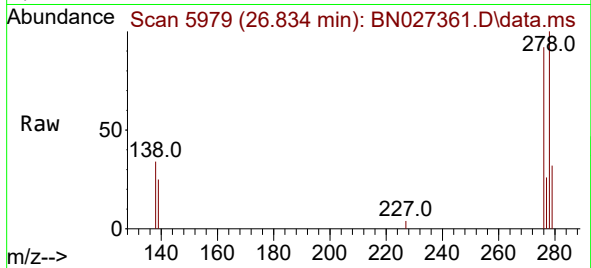




#28
Dibenzo(a,h)anthracene
Concen: 0.160 ng/ul
RT: 26.834 min Scan# 5979
Delta R.T. 0.001 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

Tgt Ion: 278 Resp: 8434
Ion Ratio Lower Upper
278 100
139 25.0 18.0 27.0
279 31.8 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 27.629 min Scan# 6216
Delta R.T. 0.001 min
Lab File: BN027361.D
Acq: 02 Sep 2023 03:12

Tgt Ion: 276 Resp: 10217
Ion Ratio Lower Upper
276 100
138 29.2 22.1 33.1
277 26.8 20.2 30.4

