

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023536.D
 Acq On : 03 Jan 2023 14:18
 Operator : CG/JU
 Sample : SSTD0.265
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2224

Quant Time: Jan 04 00:17:39 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)

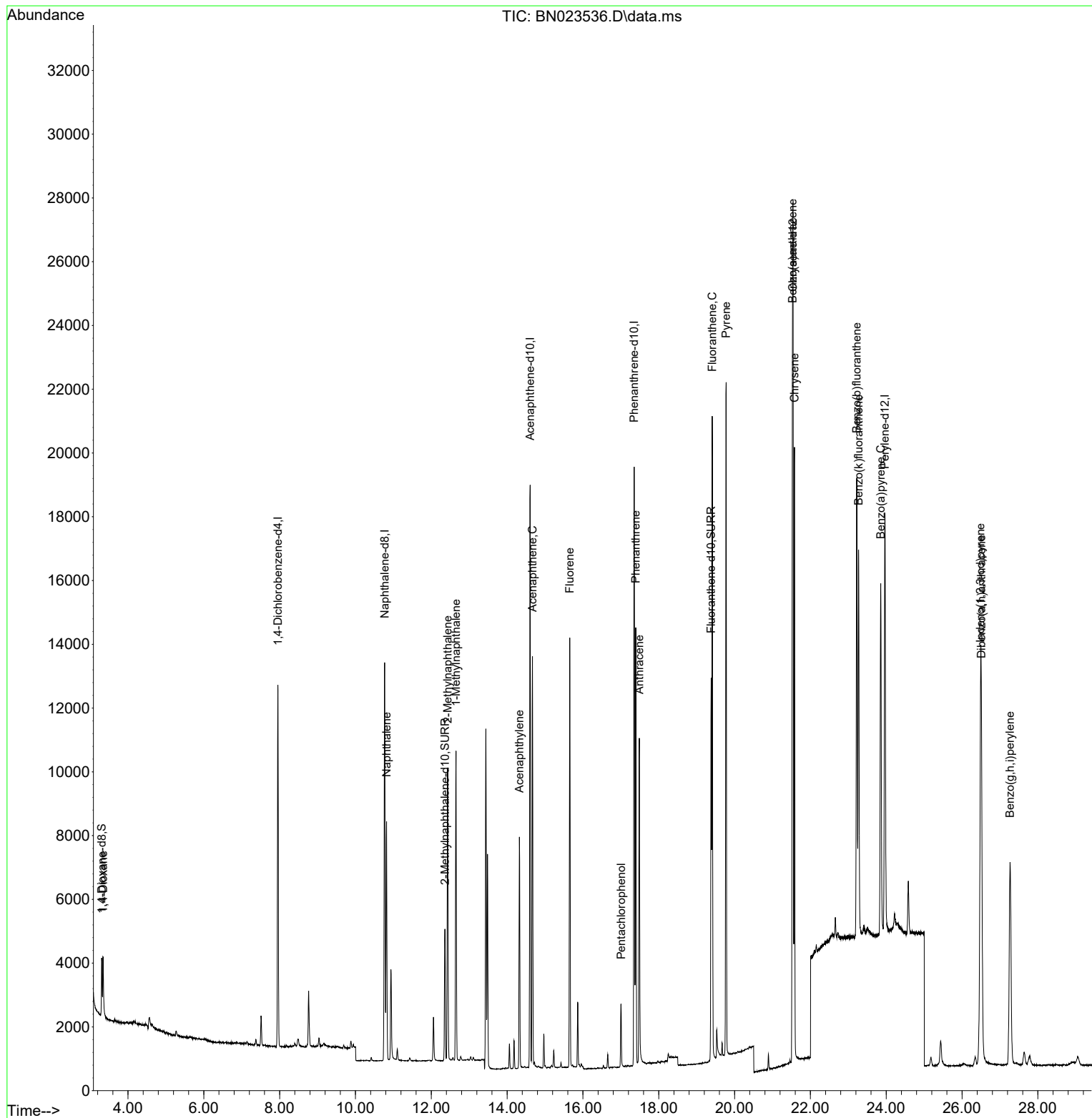
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	5645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	16673	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	9674	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	21503	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	20849	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	18319	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	1288	0.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	5212	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	12773	0.169	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	1296	0.207	ng/ul#	85
5) Naphthalene	10.819	128	9829	0.201	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	6272	0.200	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	6444	0.200	ng/ul	99
10) Acenaphthylene	14.325	152	8022	0.187	ng/ul	98
11) Acenaphthene	14.667	153	7143	0.198	ng/ul	99
12) Fluorene	15.652	166	8136	0.200	ng/ul	99
14) Pentachlorophenol	17.005	266	1327	0.222	ng/ul	100
15) Phenanthrene	17.393	178	13774	0.197	ng/ul	98
16) Anthracene	17.486	178	11561	0.199	ng/ul	98
19) Fluoranthene	19.409	202	16258	0.161	ng/ul	99
20) Pyrene	19.777	202	17516	0.172	ng/ul	98
21) Benzo(a)anthracene	21.526	228	15837	0.195	ng/ul	99
22) Chrysene	21.578	228	16034	0.194	ng/ul	99
24) Benzo(b)fluoranthene	23.224	252	17462	0.184	ng/ul	92
25) Benzo(k)fluoranthene	23.271	252	16167	0.182	ng/ul	95
26) Benzo(a)pyrene	23.855	252	14650	0.195	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.487	276	18106	0.207	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.510	278	14287	0.210	ng/ul	97
29) Benzo(g,h,i)perylene	27.265	276	14398	0.202	ng/ul	98

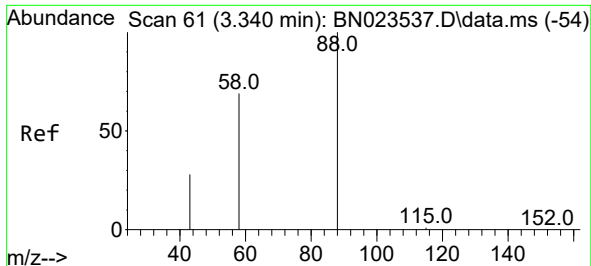
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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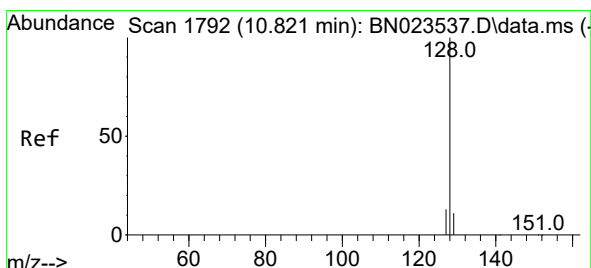
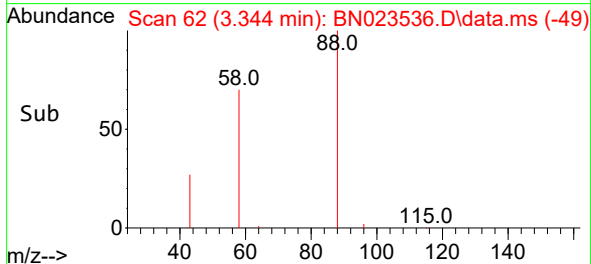
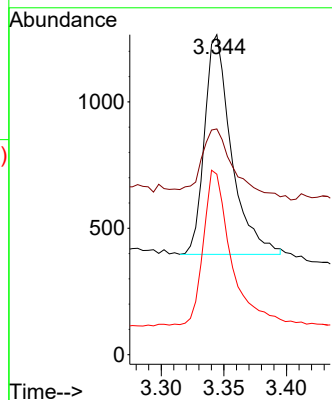
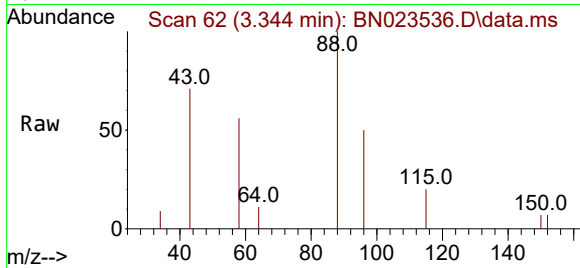




#2
1,4-Dioxane
Concen: 0.207 ng/ul
RT: 3.344 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

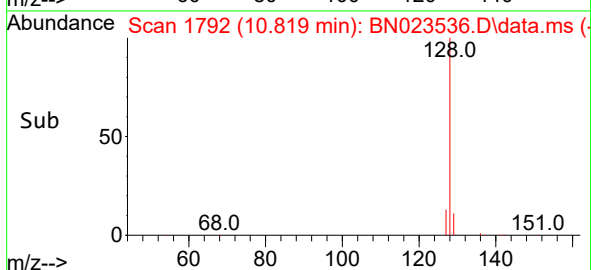
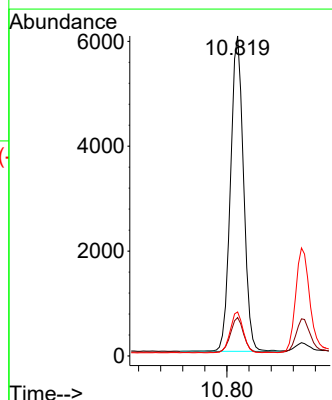
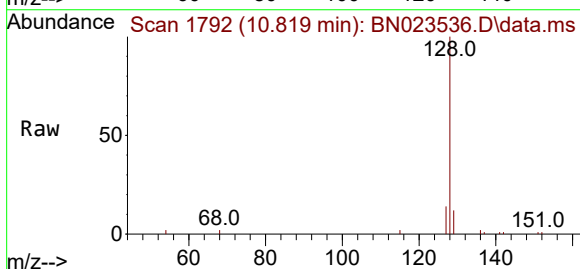
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

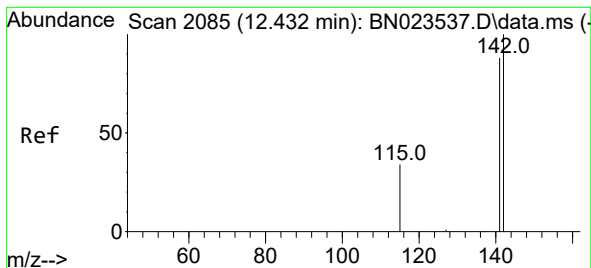
Tgt Ion: 88 Resp: 1296
Ion Ratio Lower Upper
88 100
43 70.5 44.0 66.0#
58 56.4 50.5 75.7



#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.819 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion: 128 Resp: 9829
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.7 10.9 16.3

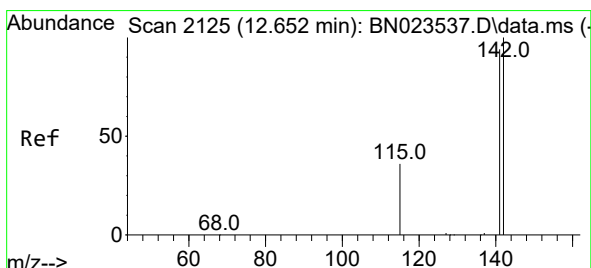
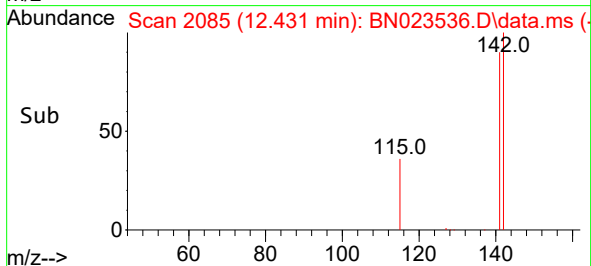
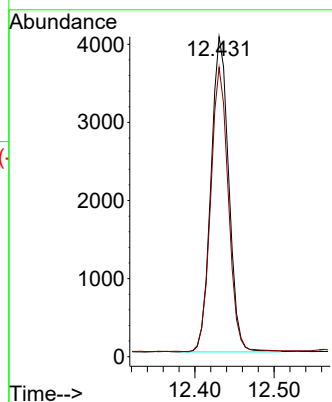
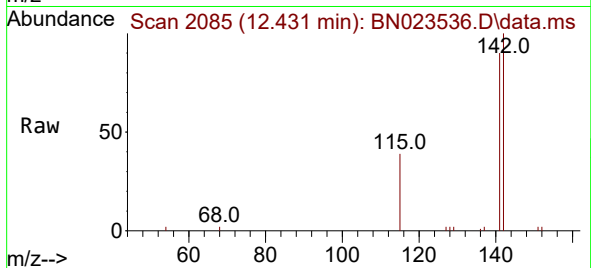




#7
2-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.002 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

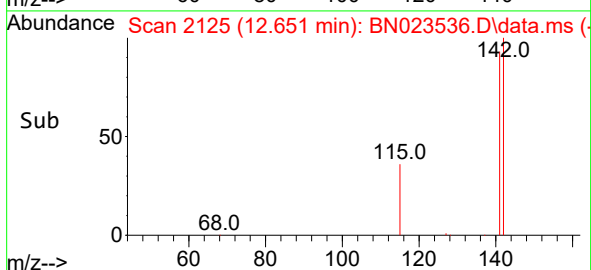
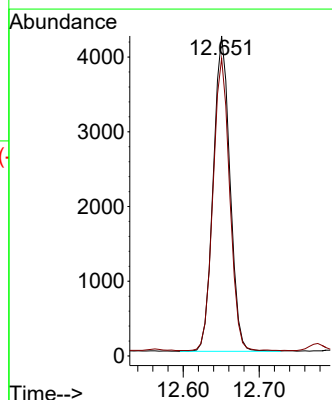
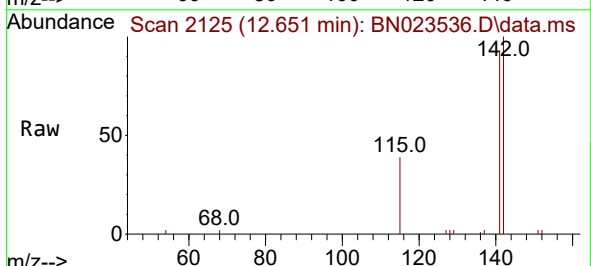
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

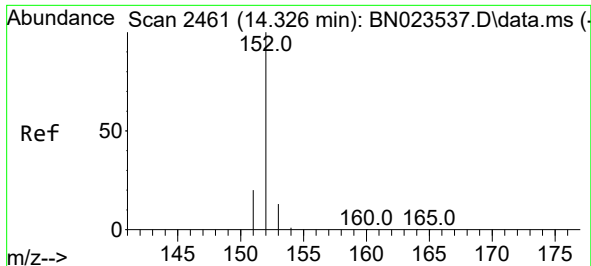
Tgt Ion:142 Resp: 6272
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.651 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:142 Resp: 6444
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

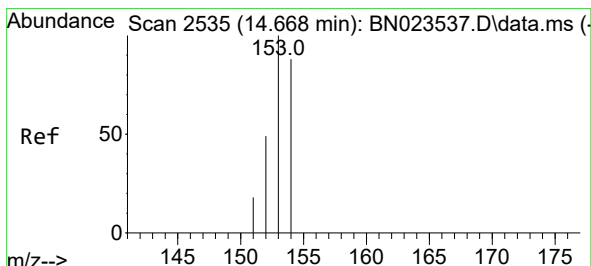
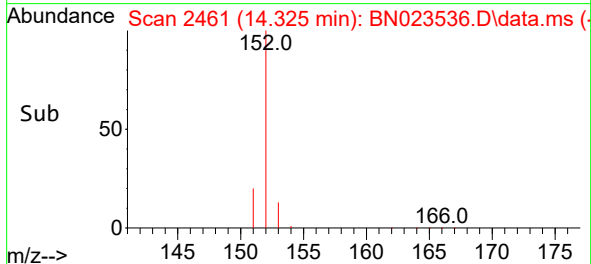
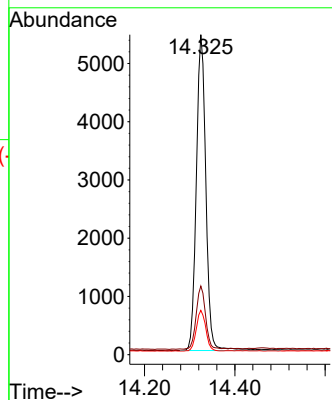
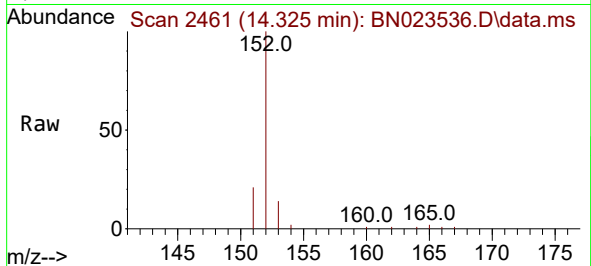




#10
Acenaphthylene
Concen: 0.187 ng/ul
RT: 14.325 min Scan# 2461
Delta R.T. -0.002 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

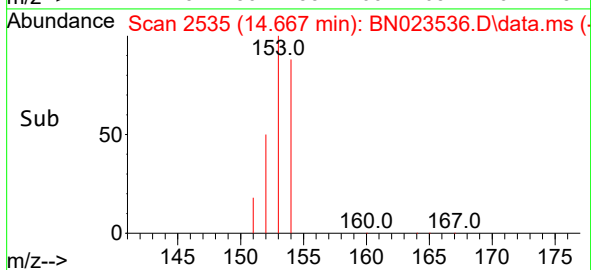
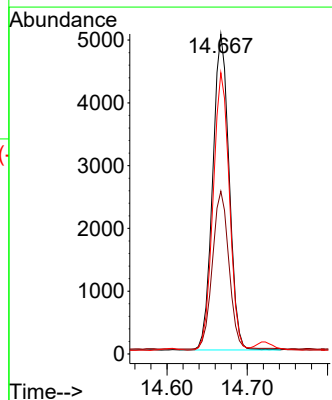
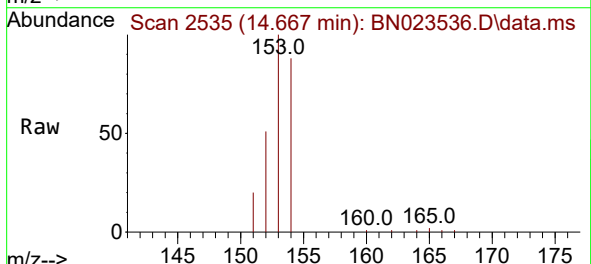
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

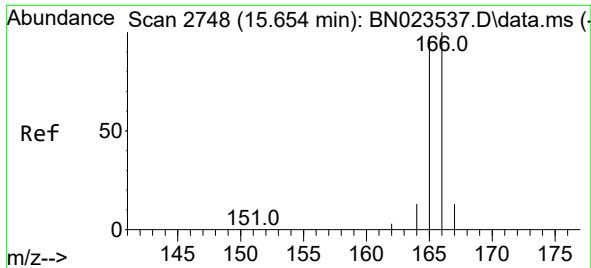
Tgt Ion:152 Resp: 8022
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.667 min Scan# 2535
Delta R.T. -0.002 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:153 Resp: 7143
Ion Ratio Lower Upper
153 100
152 50.9 39.8 59.8
154 87.9 70.1 105.1

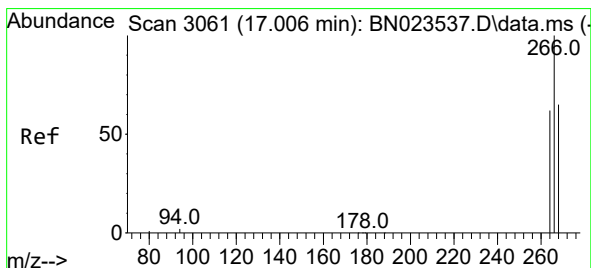
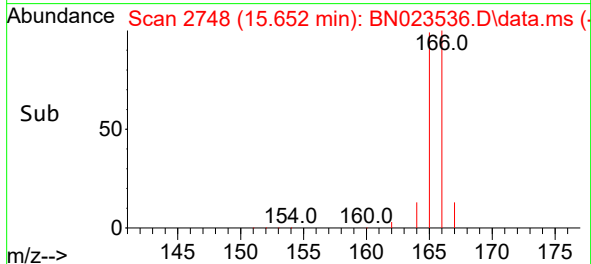
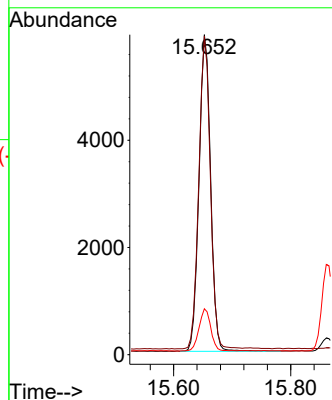
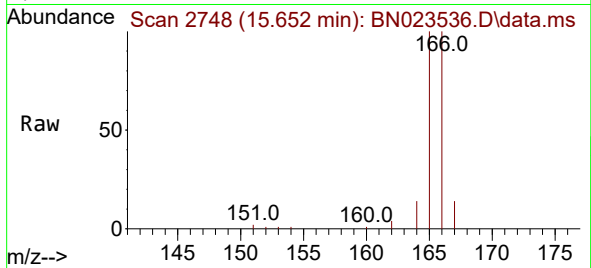




#12
Fluorene
Concen: 0.200 ng/ul
RT: 15.652 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

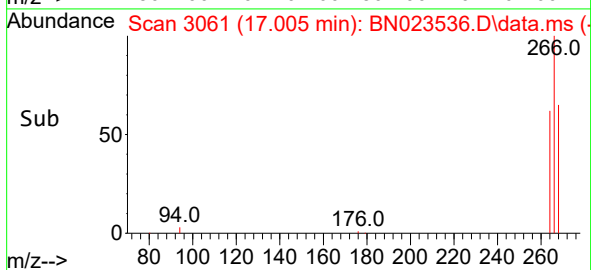
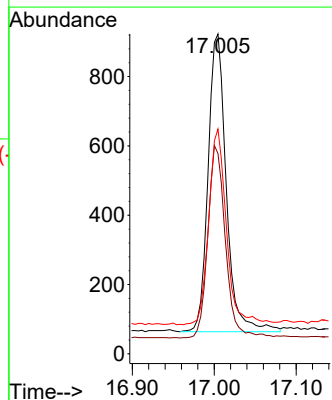
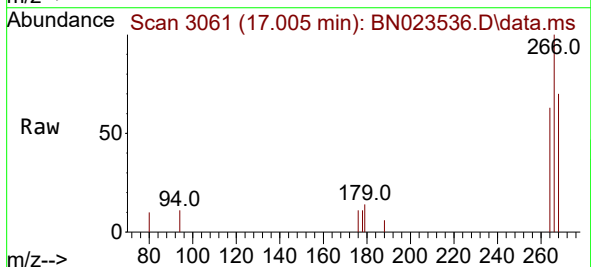
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

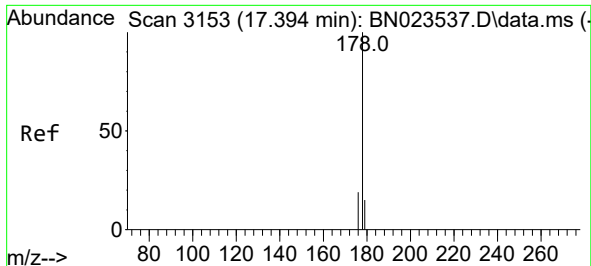
Tgt Ion:166 Resp: 8136
Ion Ratio Lower Upper
166 100
165 99.5 78.7 118.1
167 14.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.222 ng/ul
RT: 17.005 min Scan# 3061
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:266 Resp: 1327
Ion Ratio Lower Upper
266 100
264 62.8 50.0 75.0
268 64.2 51.4 77.0

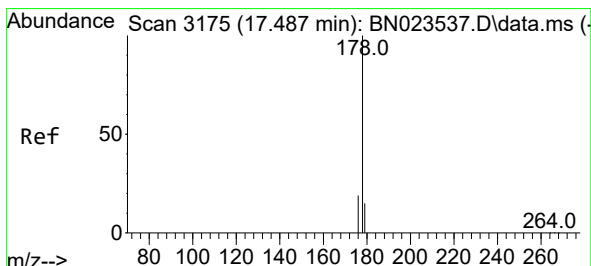
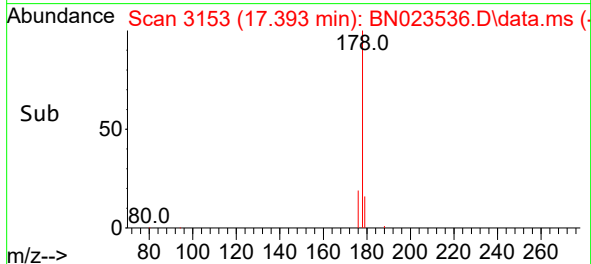
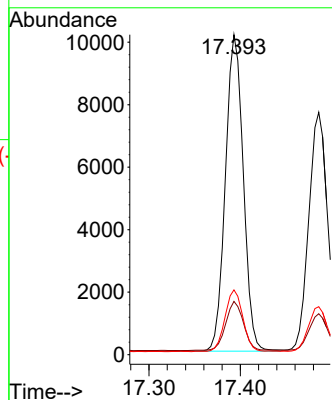
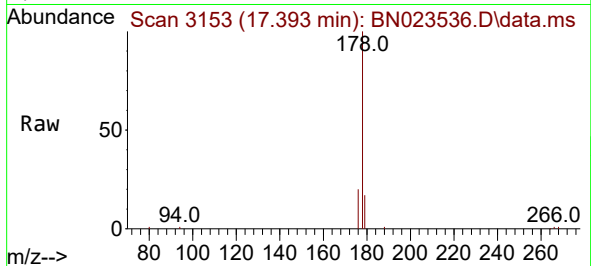




#15
Phenanthrene
Concen: 0.197 ng/ul
RT: 17.393 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

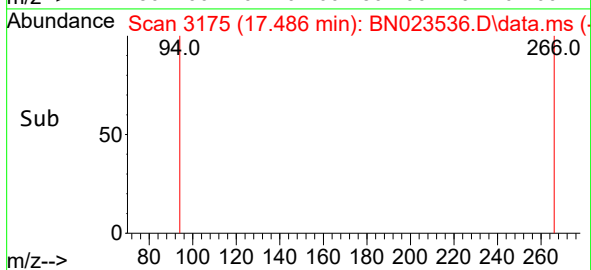
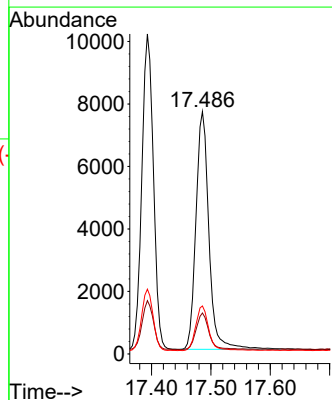
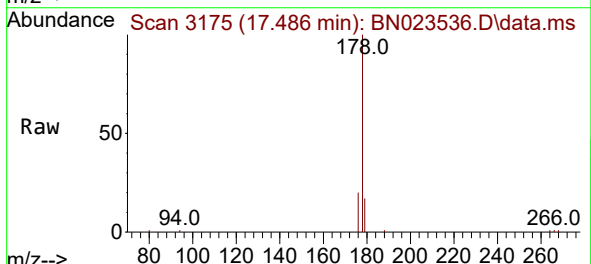
Instrument :
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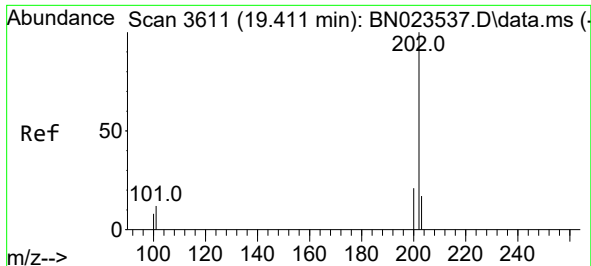
Tgt Ion:178 Resp: 13774
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.2 15.8 23.8



#16
Anthracene
Concen: 0.199 ng/ul
RT: 17.486 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:178 Resp: 11561
Ion Ratio Lower Upper
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179 16.9 12.7 19.1
176 19.8 15.4 23.2

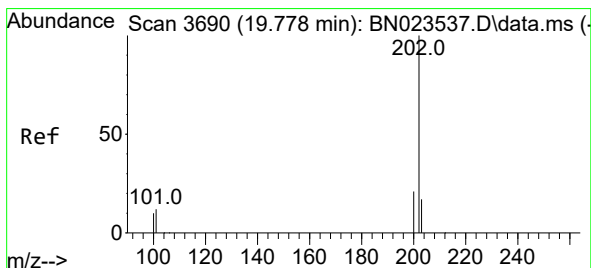
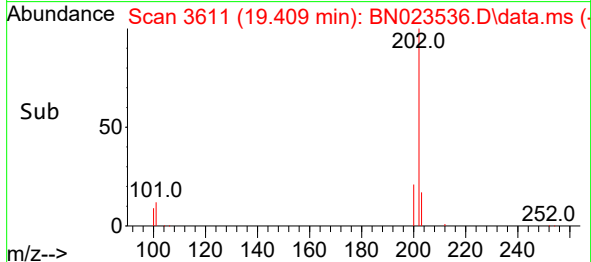
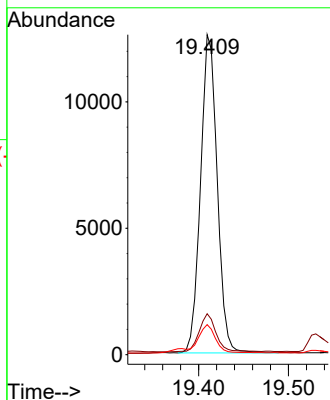
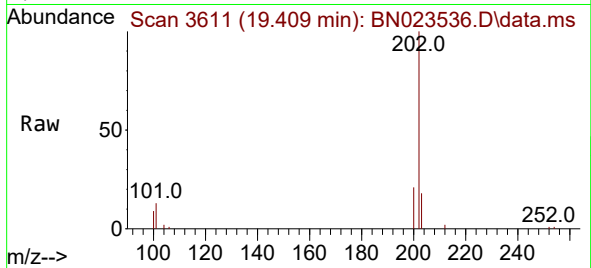




#19
Fluoranthene
Concen: 0.161 ng/ul
RT: 19.409 min Scan# 3611
Delta R.T. -0.001 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

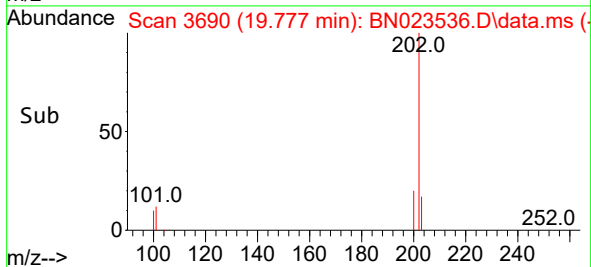
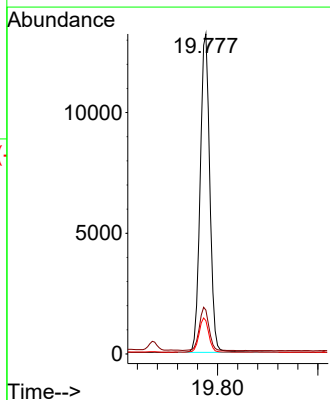
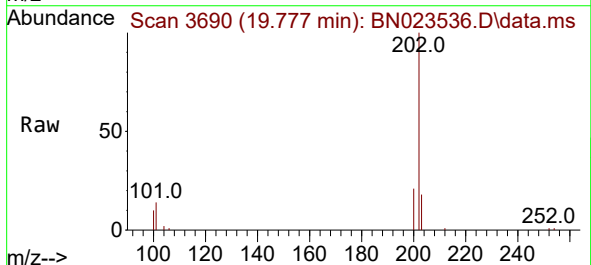
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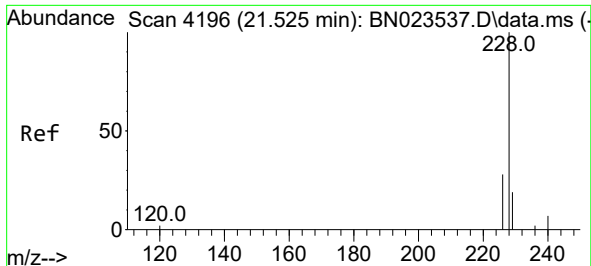
Tgt Ion:202 Resp: 16258
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 9.4 7.4 11.2



#20
Pyrene
Concen: 0.172 ng/ul
RT: 19.777 min Scan# 3690
Delta R.T. -0.002 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:202 Resp: 17516
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 10.4 8.0 12.0

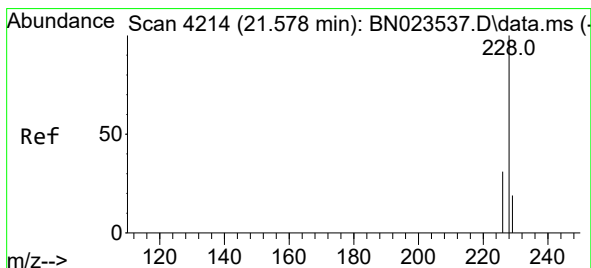
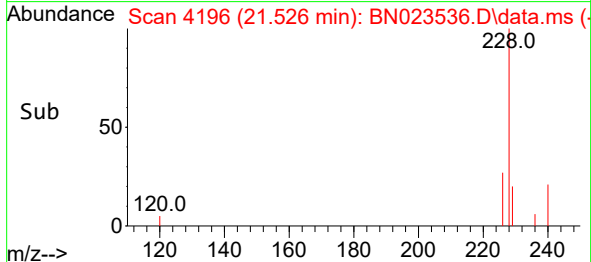
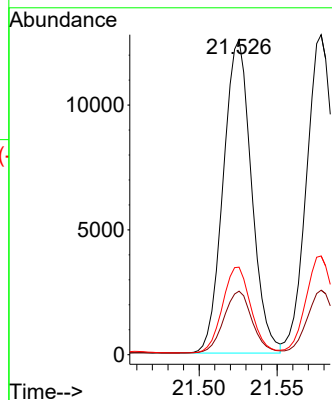
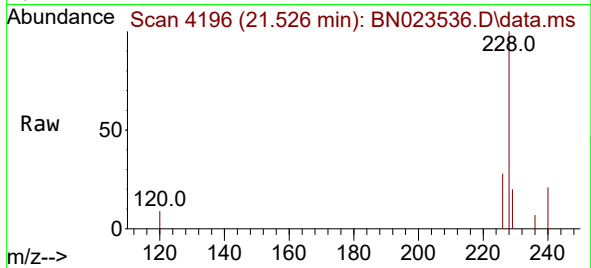




#21
Benzo(a)anthracene
Concen: 0.195 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

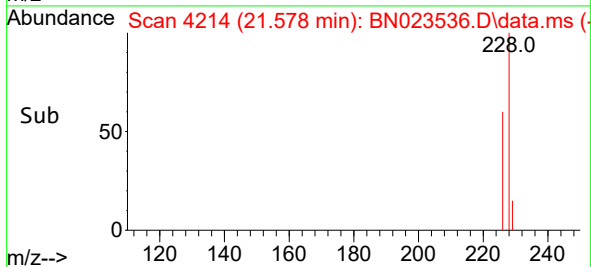
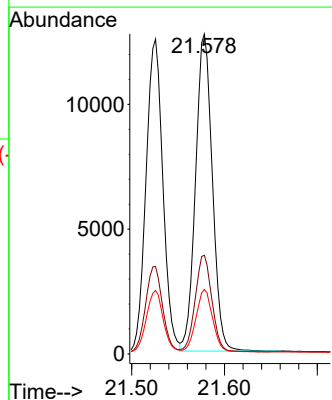
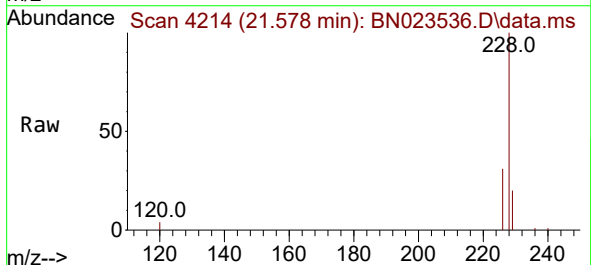
Instrument :
BNA_N
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SSTD0.2224

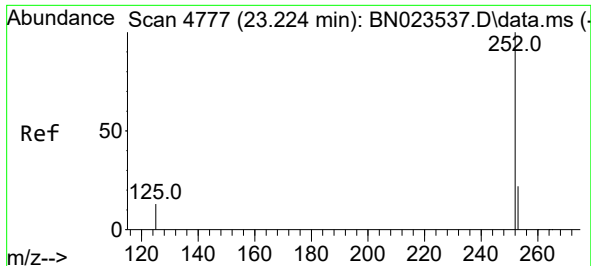
Tgt Ion:228 Resp: 15837
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 27.8 22.4 33.6



#22
Chrysene
Concen: 0.194 ng/ul
RT: 21.578 min Scan# 4214
Delta R.T. 0.000 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

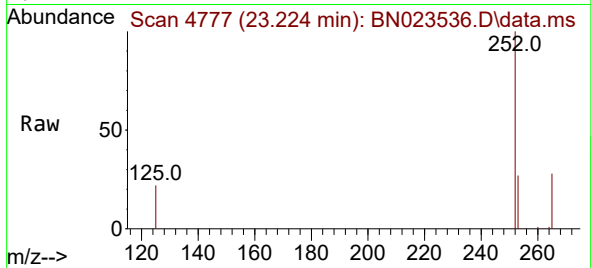
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Ion Ratio Lower Upper
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229 20.2 15.8 23.6



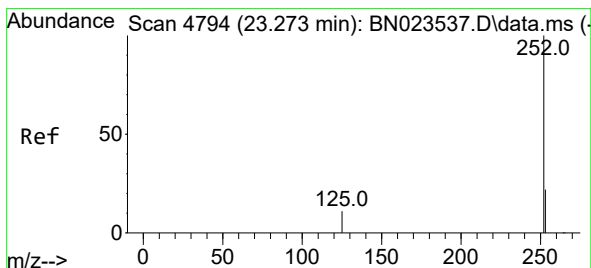
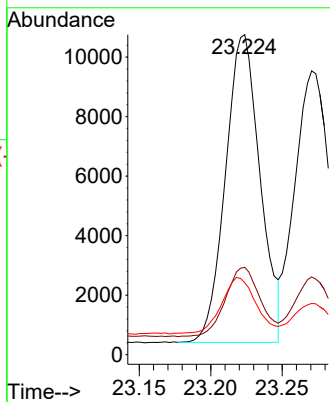
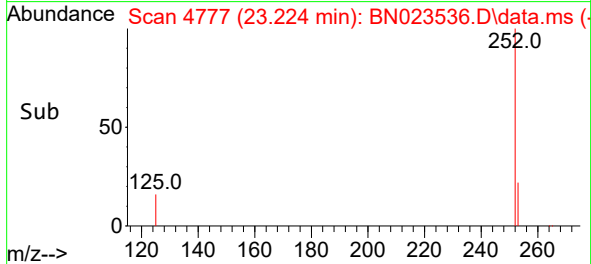


#24
Benzo(b)fluoranthene
Concen: 0.184 ng/ul
RT: 23.224 min Scan# 4777
Delta R.T. 0.000 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

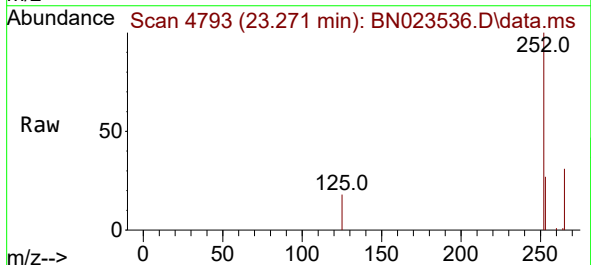
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224



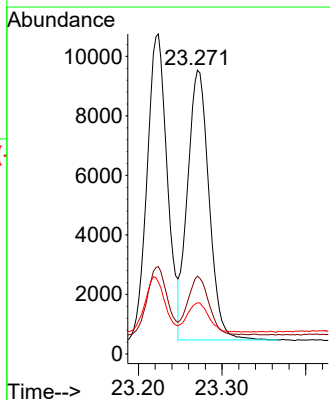
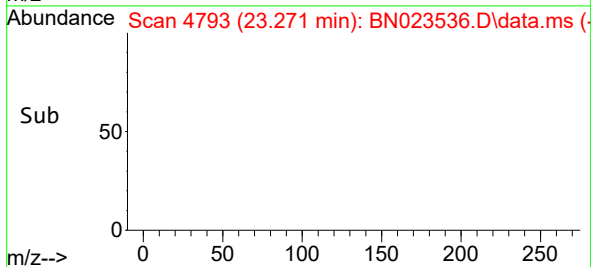
Tgt Ion:252 Resp: 17462
Ion Ratio Lower Upper
252 100
253 27.3 0.0 49.2
125 22.5 0.0 34.2

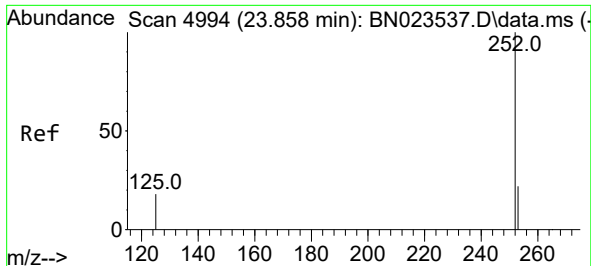


#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul
RT: 23.271 min Scan# 4793
Delta R.T. -0.003 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18



Tgt Ion:252 Resp: 16167
Ion Ratio Lower Upper
252 100
253 27.4 20.2 30.2
125 18.0 12.1 18.1

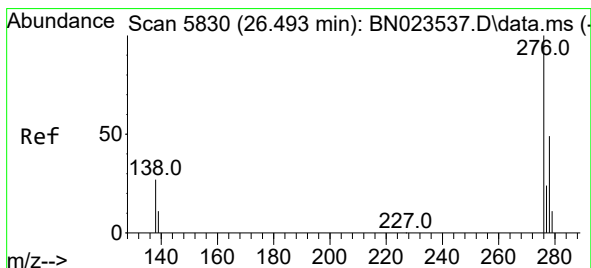
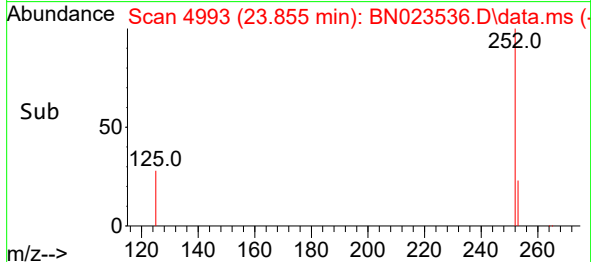
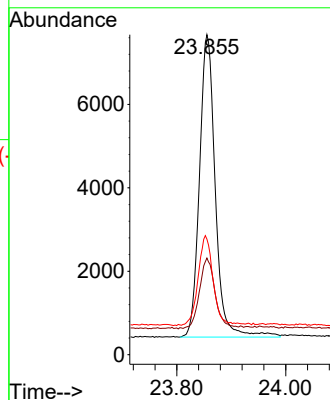
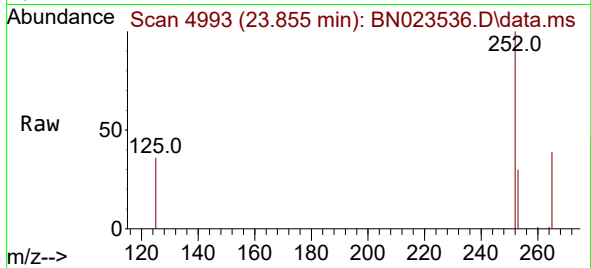




#26
Benzo(a)pyrene
Concen: 0.195 ng/ul
RT: 23.855 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

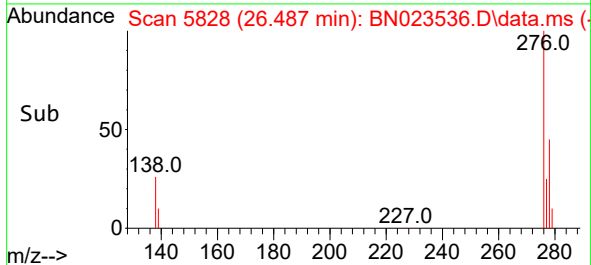
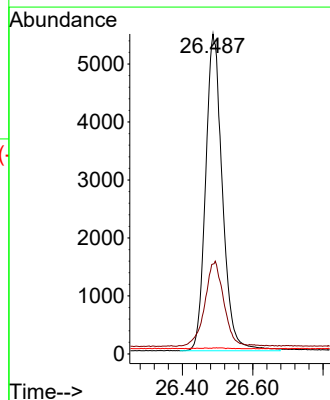
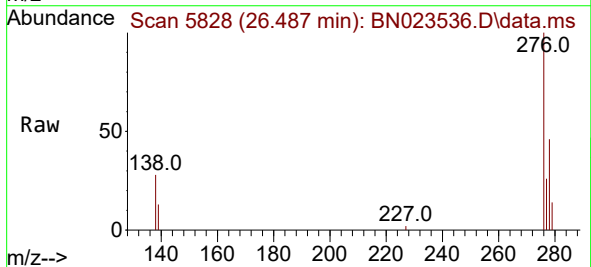
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

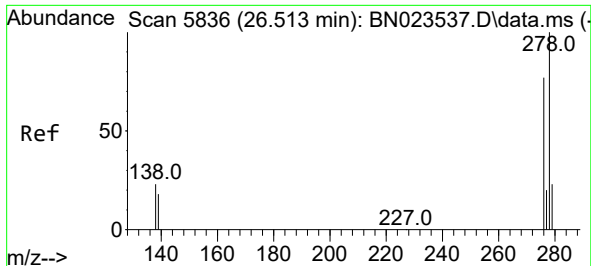
Tgt Ion:252 Resp: 14650
Ion Ratio Lower Upper
252 100
253 30.2 21.4 32.0
125 36.1 18.4 27.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng/ul
RT: 26.487 min Scan# 5828
Delta R.T. -0.006 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:276 Resp: 18106
Ion Ratio Lower Upper
276 100
138 30.1 23.2 34.8
227 0.2 0.1 0.1#

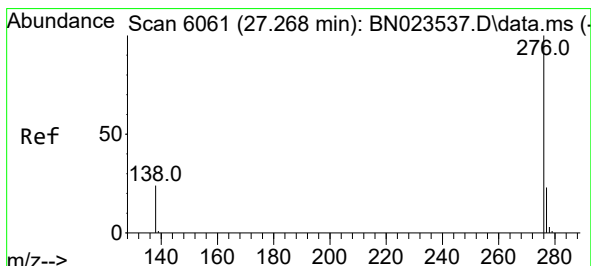
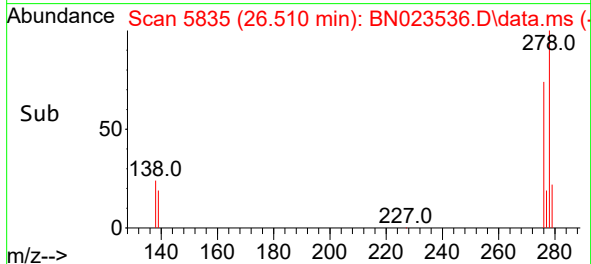
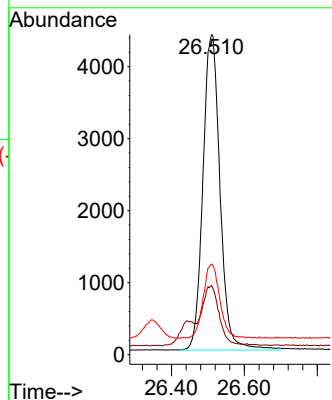
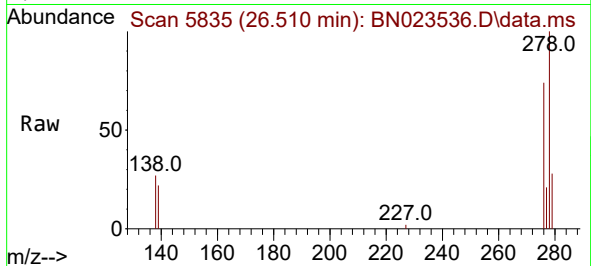




#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 26.510 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

Tgt Ion:278 Resp: 14287
Ion Ratio Lower Upper
278 100
139 21.6 16.5 24.7
279 28.3 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 27.265 min Scan# 6060
Delta R.T. -0.003 min
Lab File: BN023536.D
Acq: 03 Jan 2023 14:18

Tgt Ion:276 Resp: 14398
Ion Ratio Lower Upper
276 100
138 26.8 20.7 31.1
277 25.3 19.6 29.4

