

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040723\
 Data File : BN024816.D
 Acq On : 07 Apr 2023 17:31
 Operator : CG/JU
 Sample : SSTD3.293
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2207

Quant Time: Apr 08 00:38:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 18:05:25 2023
 Response via : Initial Calibration

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

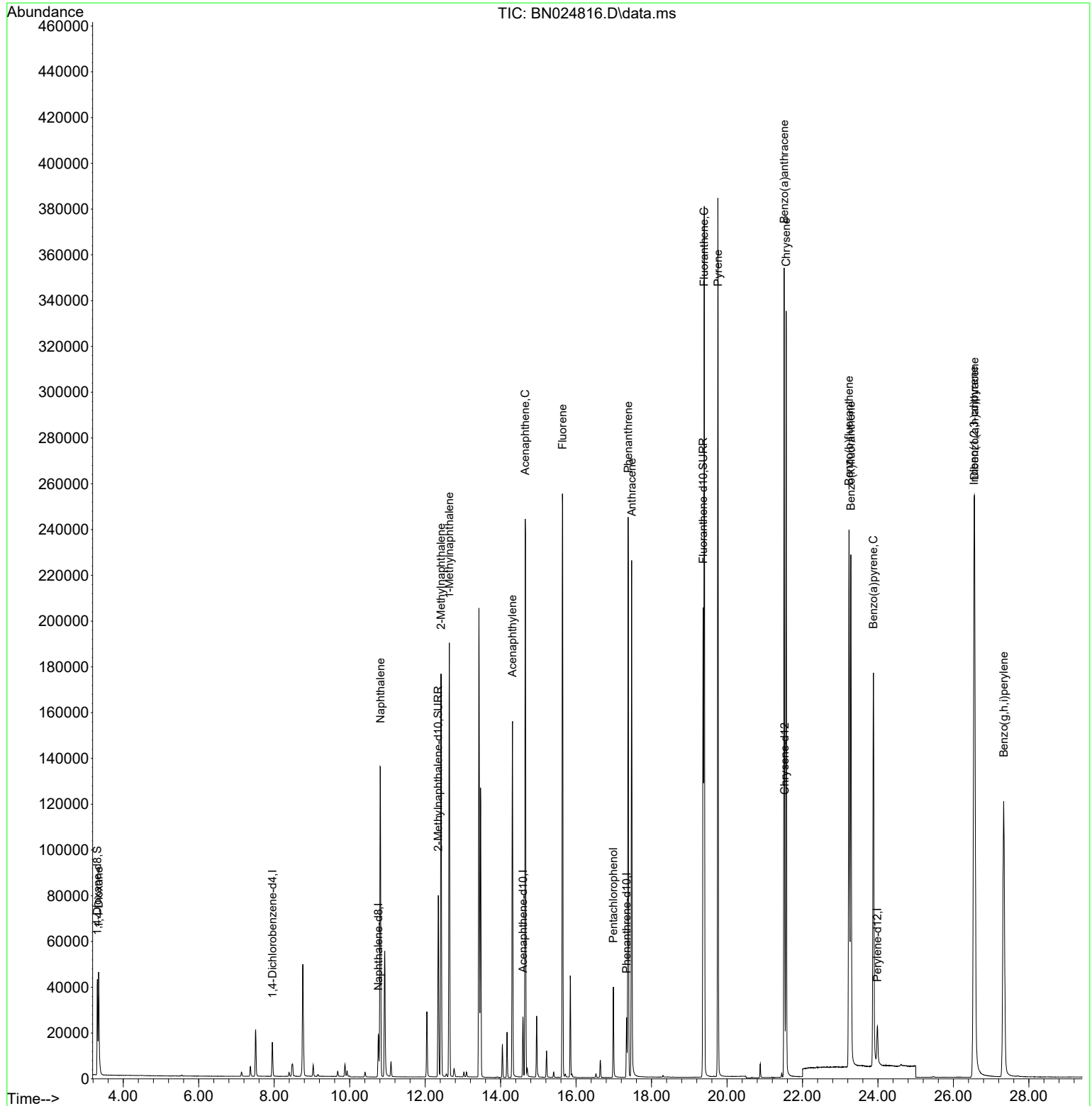
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7828	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	23729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	14068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	28914	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	29108	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	24492	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	25625	2.998	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	97821	3.211	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	216107	2.989	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	28437	3.019	ng/ul	93
5) Naphthalene	10.814	128	186626	3.086	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	120725	3.210	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	125513	3.148	ng/ul	99
10) Acenaphthylene	14.316	152	175483	3.326	ng/ul	100
11) Acenaphthene	14.653	153	138621	3.065	ng/ul	99
12) Fluorene	15.639	166	160729	3.173	ng/ul	99
14) Pentachlorophenol	16.988	266	23943	3.883	ng/ul	99
15) Phenanthrene	17.381	178	257105	3.155	ng/ul	100
16) Anthracene	17.474	178	238179	3.517	ng/ul	100
19) Fluoranthene	19.396	202	304140	3.034	ng/ul	100
20) Pyrene	19.758	202	305132	2.971	ng/ul	100
21) Benzo(a)anthracene	21.514	228	289340	3.148	ng/ul	100
22) Chrysene	21.567	228	292796	2.942	ng/ul	100
24) Benzo(b)fluoranthene	23.233	252	307948	3.134	ng/ul	94
25) Benzo(k)fluoranthene	23.283	252	302787	3.160	ng/ul	94
26) Benzo(a)pyrene	23.879	252	257574	3.161	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.547	276	316687	3.294	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.561	278	252567	3.345	ng/ul	97
29) Benzo(g,h,i)perylene	27.332	276	257999	3.174	ng/ul	98

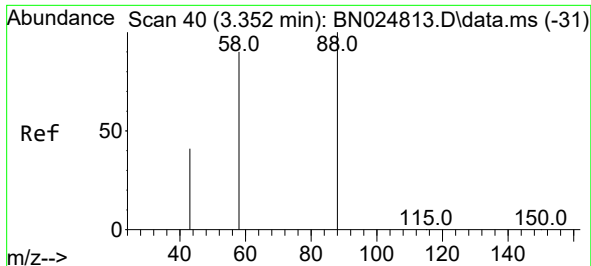
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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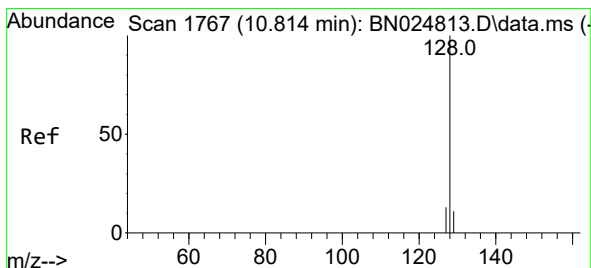
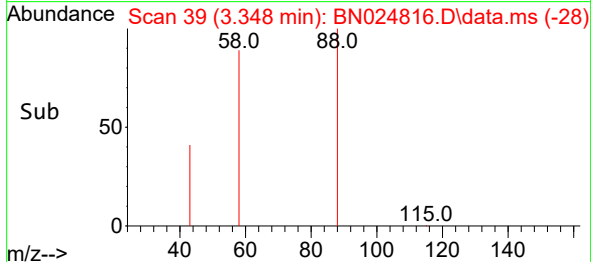
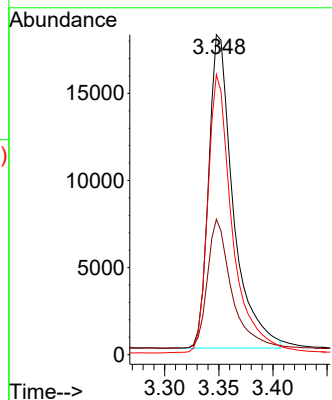
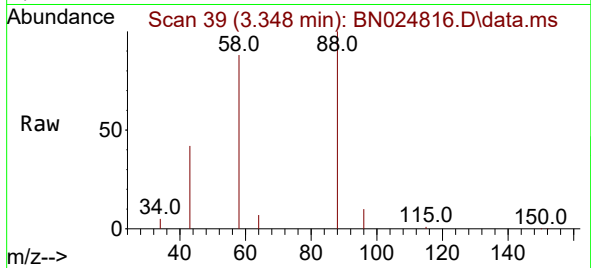




#2
1,4-Dioxane
Concen: 3.019 ng/ul
RT: 3.348 min Scan# 39
Delta R.T. -0.004 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

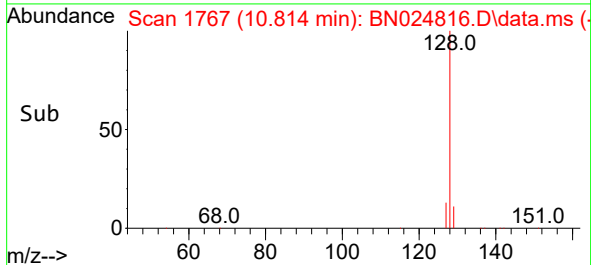
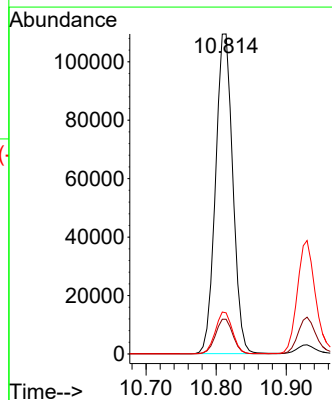
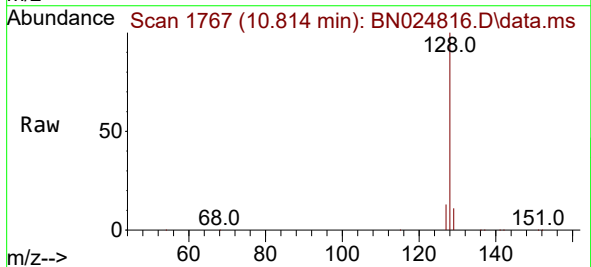
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

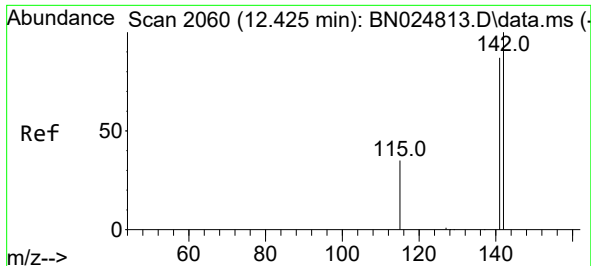
Tgt Ion: 88 Resp: 28437
Ion Ratio Lower Upper
88 100
43 42.3 39.1 58.7
58 87.5 65.7 98.5



#5
Naphthalene
Concen: 3.086 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:128 Resp: 186626
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.5 15.7

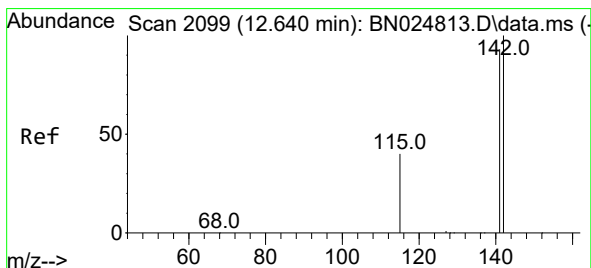
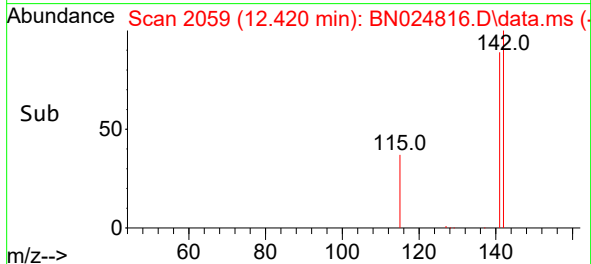
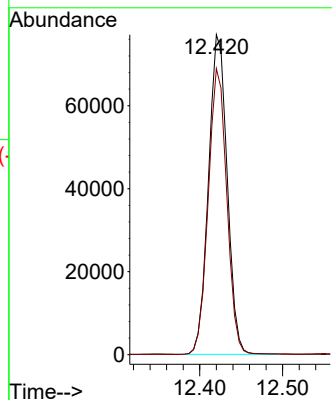
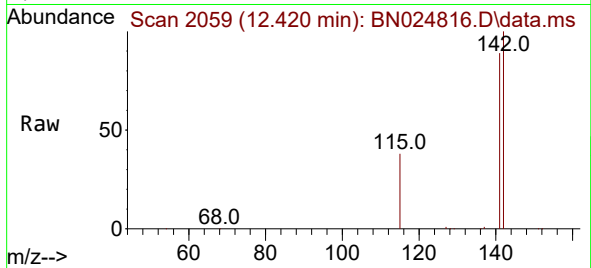




#7
2-Methylnaphthalene
Concen: 3.210 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

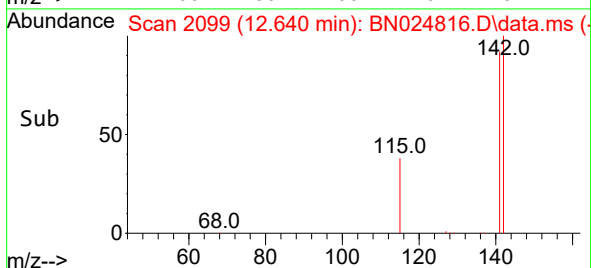
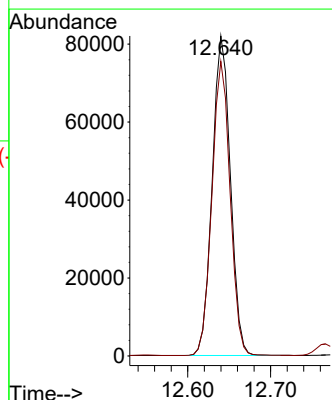
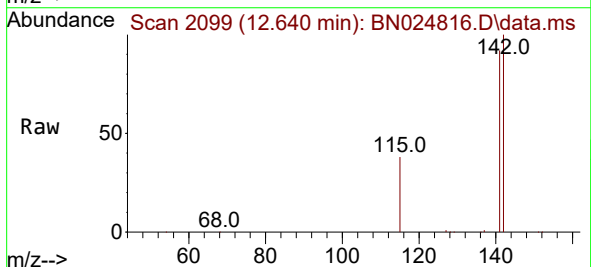
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

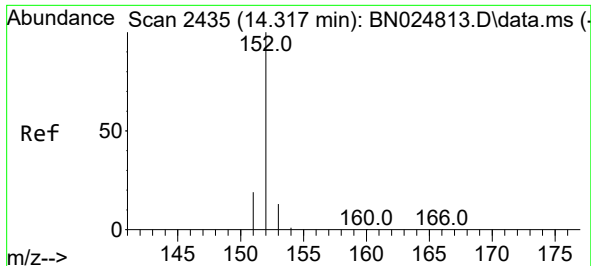
Tgt Ion:142 Resp: 120725
Ion Ratio Lower Upper
142 100
141 88.7 70.7 106.1



#8
1-Methylnaphthalene
Concen: 3.148 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:142 Resp: 125513
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0

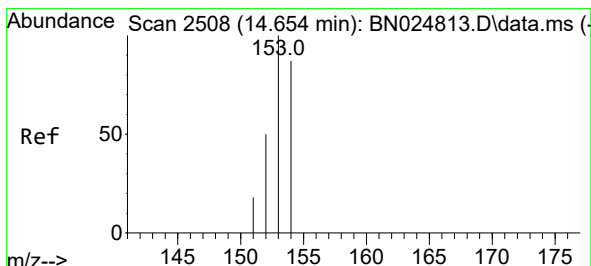
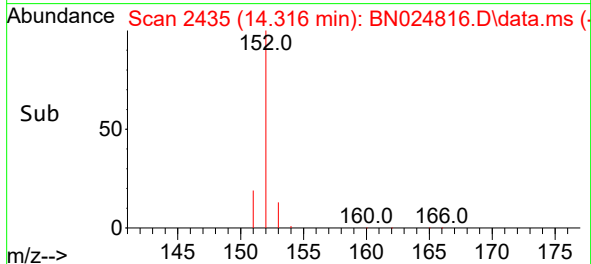
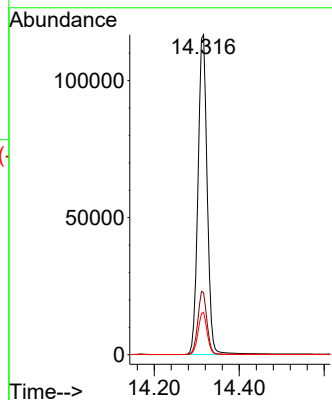
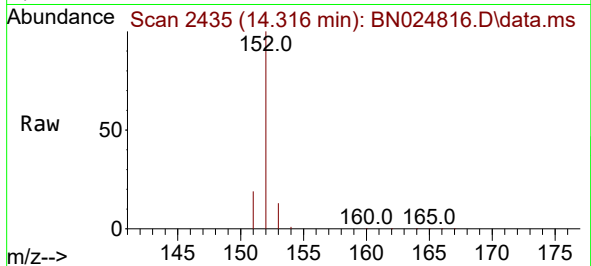




#10
Acenaphthylene
Concen: 3.326 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

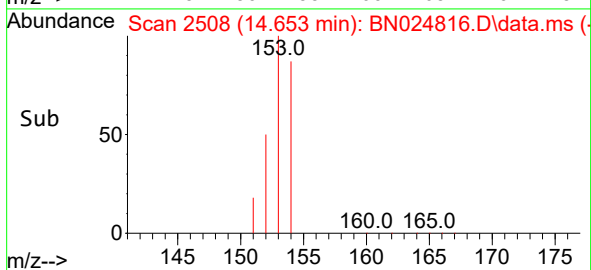
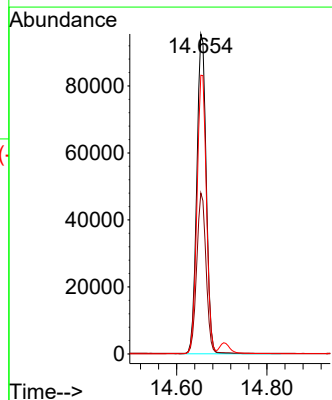
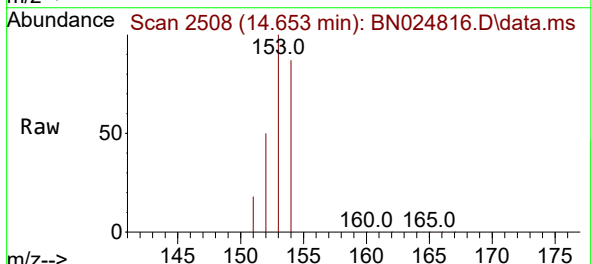
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

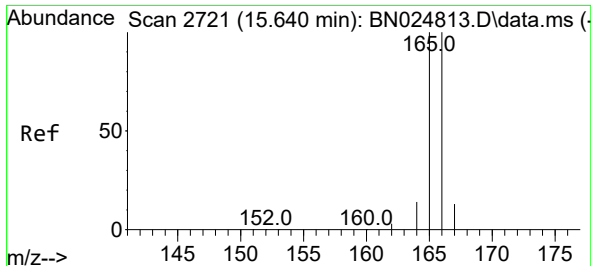
Tgt Ion:152 Resp: 175483
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.2 10.6 16.0



#11
Acenaphthene
Concen: 3.065 ng/ul
RT: 14.653 min Scan# 2508
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:153 Resp: 138621
Ion Ratio Lower Upper
153 100
152 50.3 40.7 61.1
154 87.1 69.4 104.2

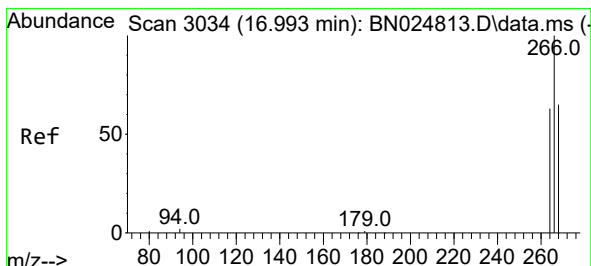
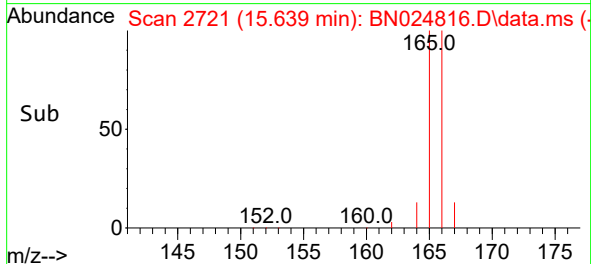
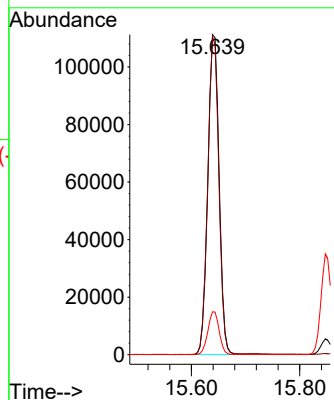
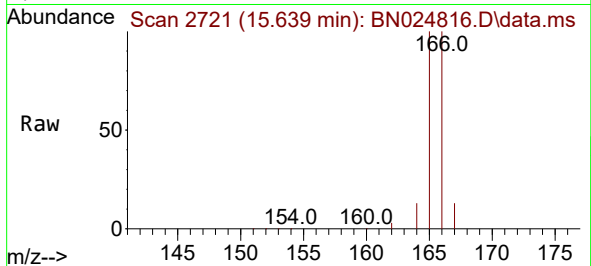




#12
Fluorene
Concen: 3.173 ng/ul
RT: 15.639 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

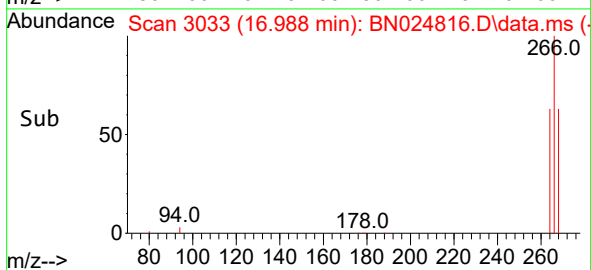
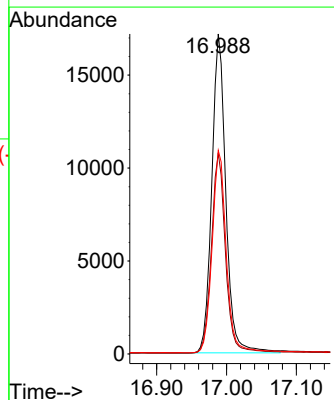
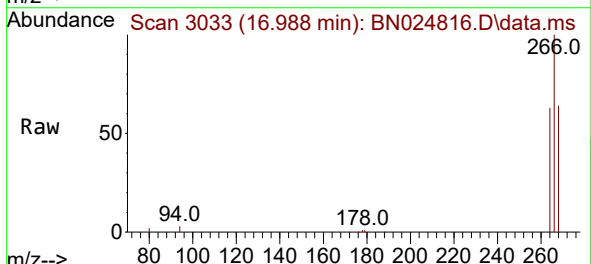
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

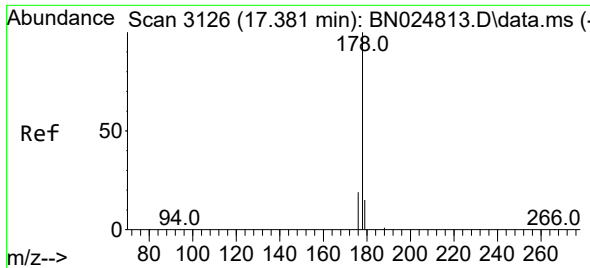
Tgt Ion:166 Resp: 160729
Ion Ratio Lower Upper
166 100
165 99.5 80.1 120.1
167 13.4 10.7 16.1



#14
Pentachlorophenol
Concen: 3.883 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. -0.005 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:266 Resp: 23943
Ion Ratio Lower Upper
266 100
264 63.0 51.2 76.8
268 64.1 51.4 77.2

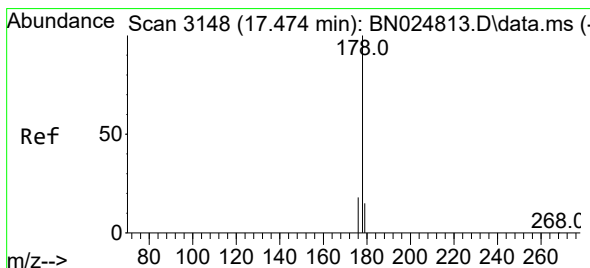
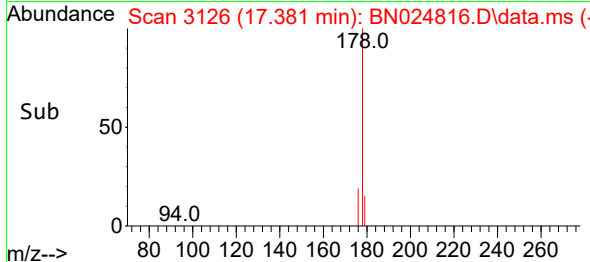
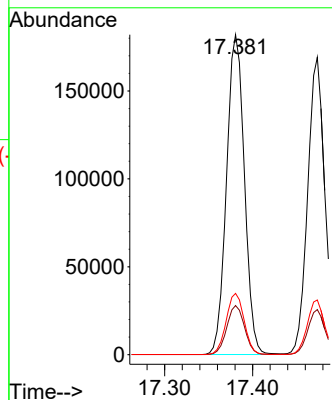
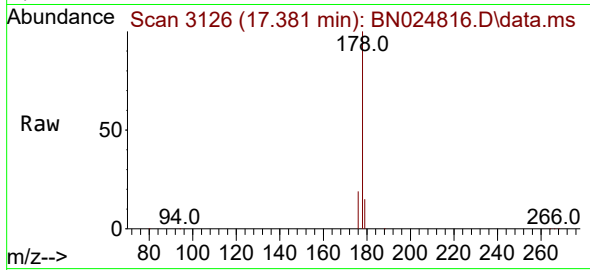




#15
Phenanthrene
Concen: 3.155 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

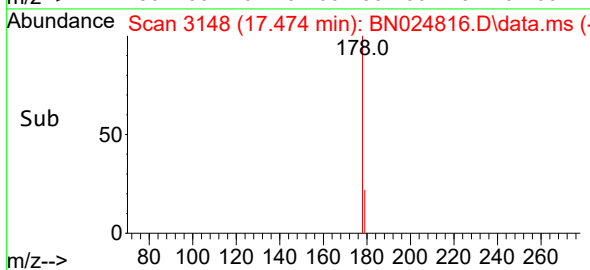
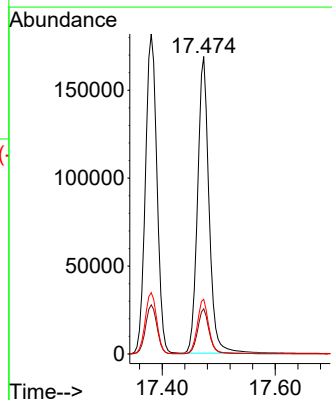
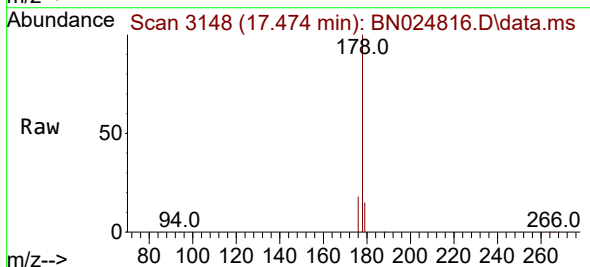
Instrument :
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SSTD3.2207

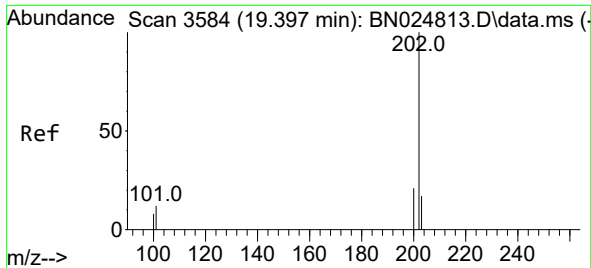
Tgt Ion:178 Resp: 257105
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.4 23.0



#16
Anthracene
Concen: 3.517 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:178 Resp: 238179
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.4 14.7 22.1

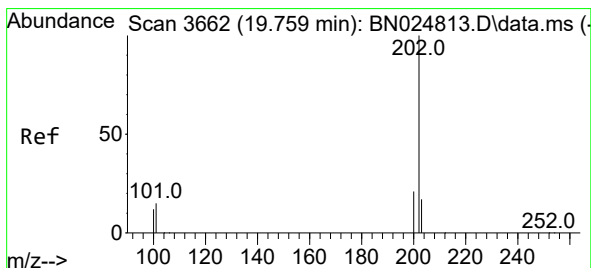
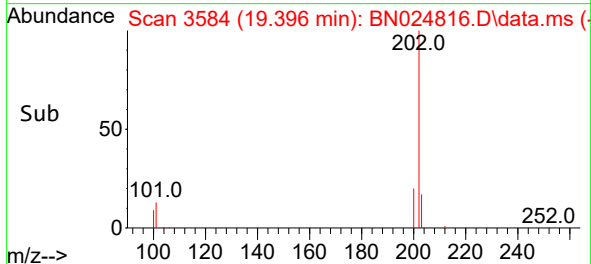
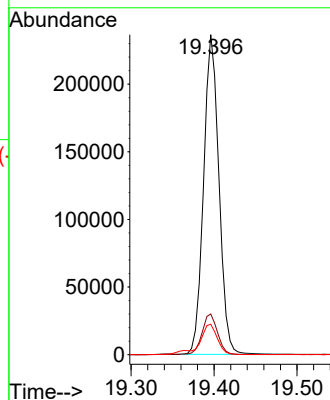
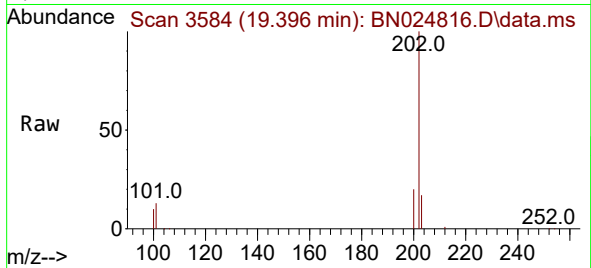




#19
Fluoranthene
Concen: 3.034 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

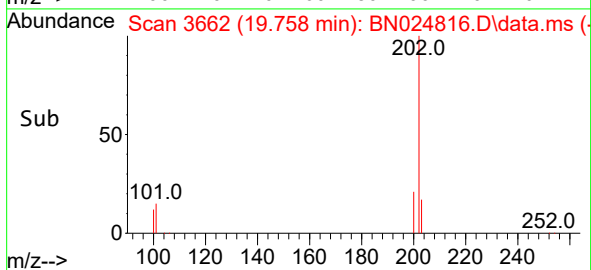
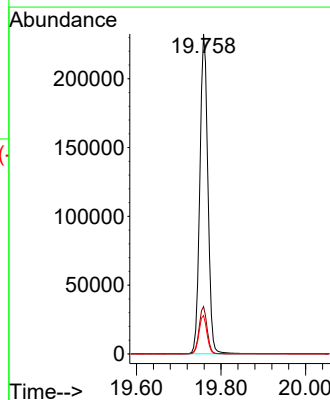
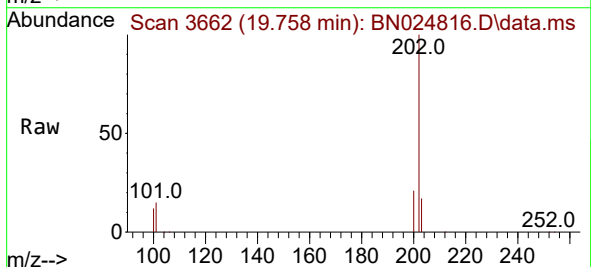
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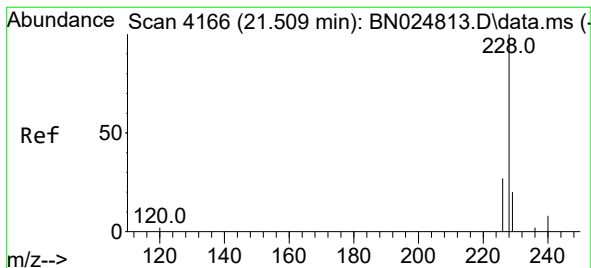
Tgt Ion:202 Resp: 304140
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.5 7.5 11.3



#20
Pyrene
Concen: 2.971 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:202 Resp: 305132
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 12.0 9.5 14.3





#21

Benzo(a)anthracene

Concen: 3.148 ng/ul

RT: 21.514 min Scan# 4166

Delta R.T. 0.005 min

Lab File: BN024816.D

Acq: 07 Apr 2023 17:31

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

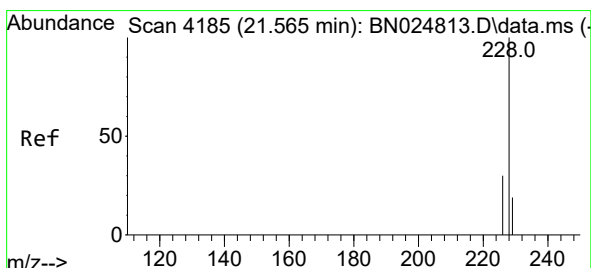
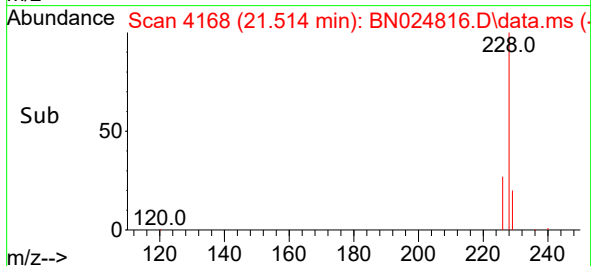
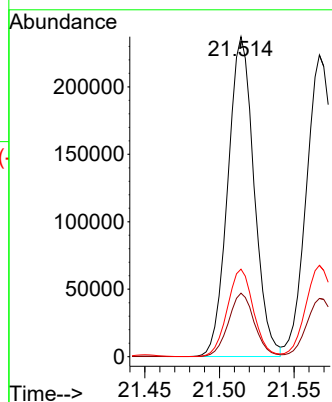
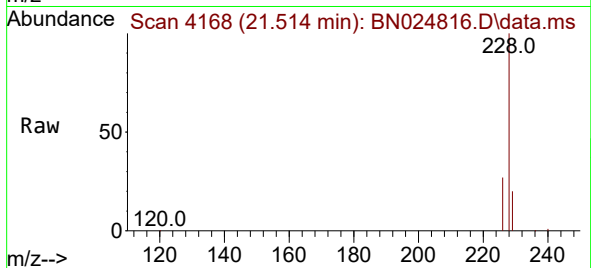
Tgt Ion:228 Resp: 289340

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

226 27.4 22.2 33.2



#22

Chrysene

Concen: 2.942 ng/ul

RT: 21.567 min Scan# 4186

Delta R.T. 0.002 min

Lab File: BN024816.D

Acq: 07 Apr 2023 17:31

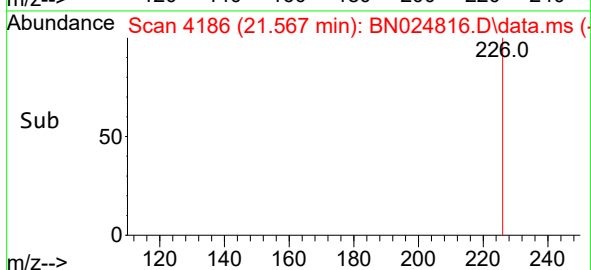
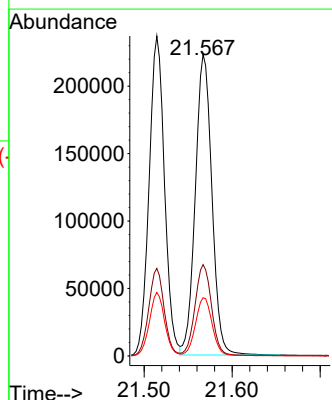
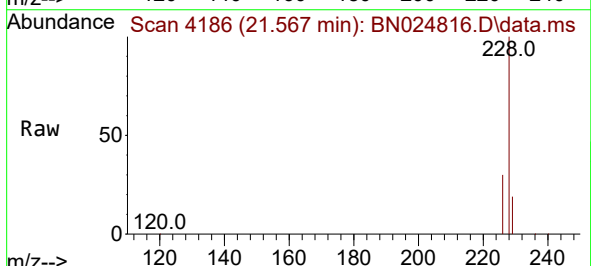
Tgt Ion:228 Resp: 292796

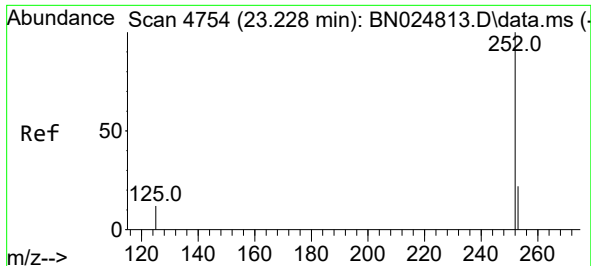
Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.3 15.7 23.5

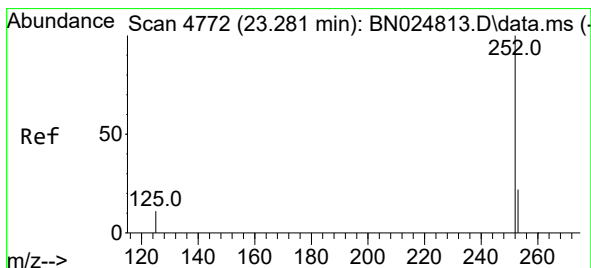
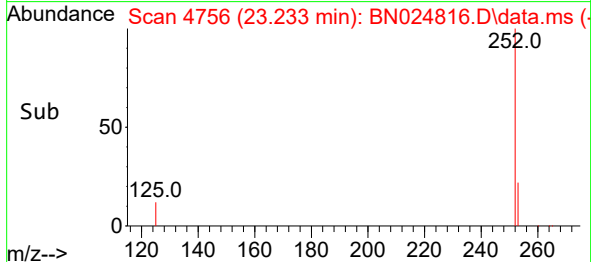
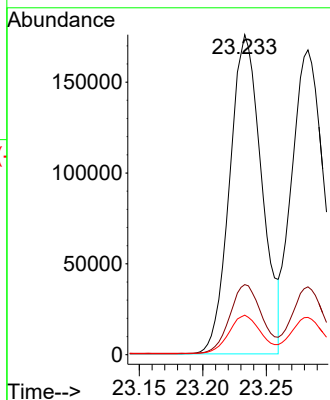
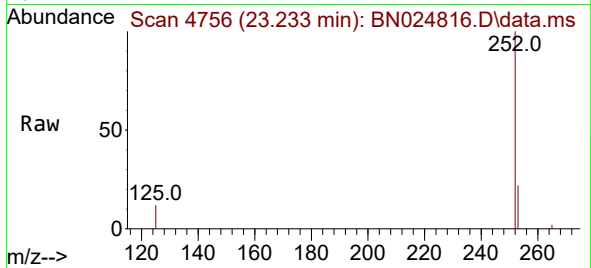




#24
Benzo(b)fluoranthene
Concen: 3.134 ng/ul
RT: 23.233 min Scan# 4754
Delta R.T. 0.005 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

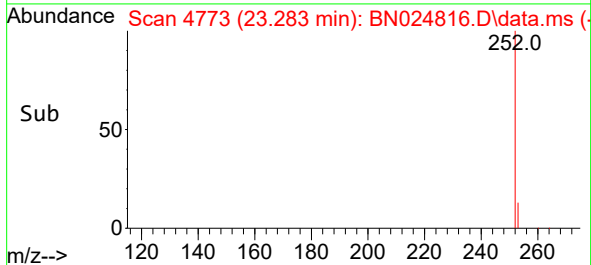
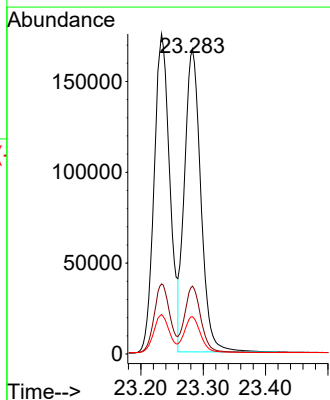
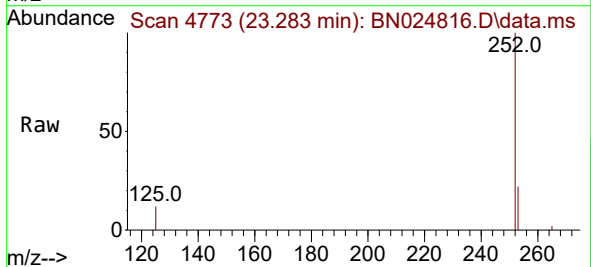
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

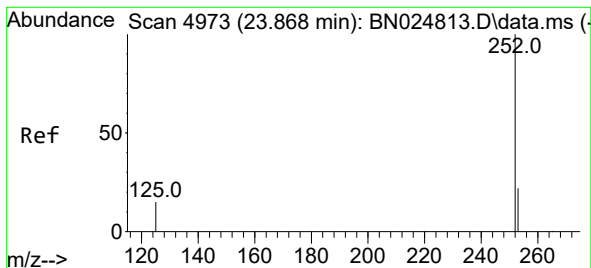
Tgt Ion:252 Resp: 307948
Ion Ratio Lower Upper
252 100
253 21.9 0.0 49.4
125 12.3 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 3.160 ng/ul
RT: 23.283 min Scan# 4773
Delta R.T. 0.002 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:252 Resp: 302787
Ion Ratio Lower Upper
252 100
253 22.2 20.1 30.1
125 12.2 12.2 18.2





#26

Benzo(a)pyrene

Concen: 3.161 ng/ul

RT: 23.879 min Scan# 4973

Delta R.T. 0.011 min

Lab File: BN024816.D

Acq: 07 Apr 2023 17:31

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

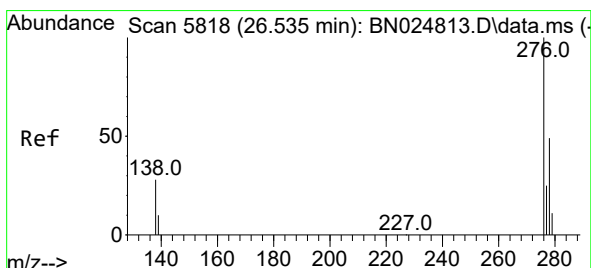
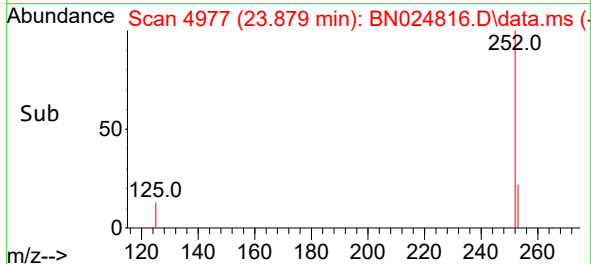
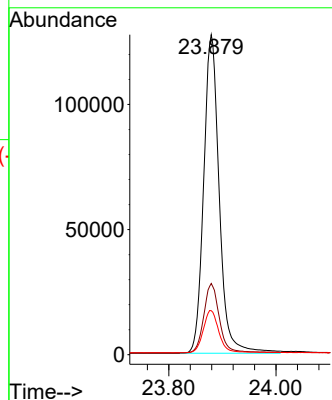
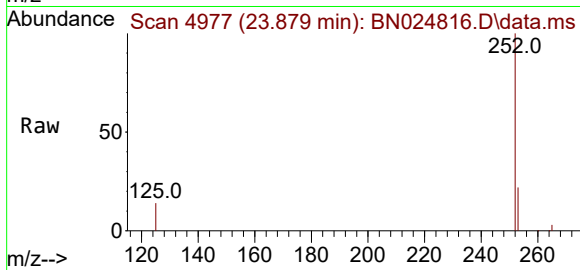
Tgt Ion:252 Resp: 257574

Ion Ratio Lower Upper

252 100

253 22.2 20.7 31.1

125 13.8 15.9 23.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.294 ng/ul

RT: 26.547 min Scan# 5822

Delta R.T. 0.013 min

Lab File: BN024816.D

Acq: 07 Apr 2023 17:31

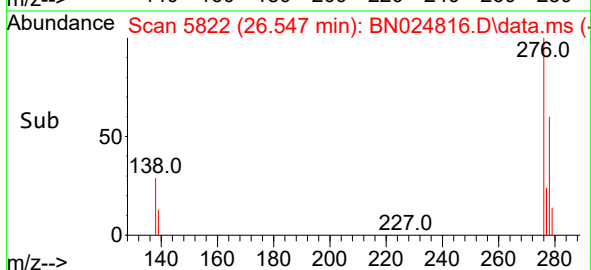
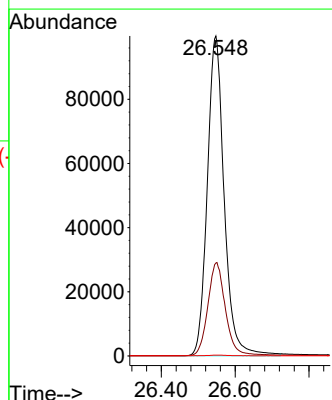
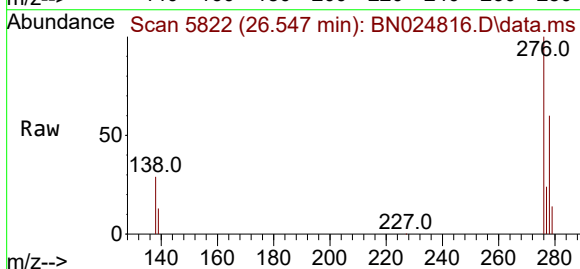
Tgt Ion:276 Resp: 316687

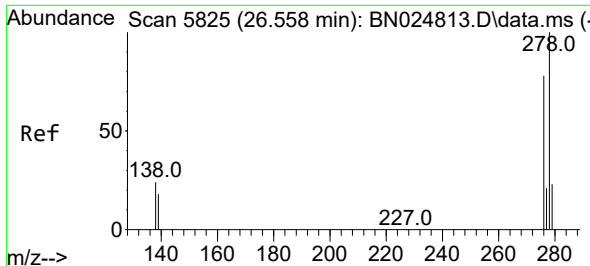
Ion Ratio Lower Upper

276 100

138 30.3 24.2 36.2

227 0.2 0.0 0.0#

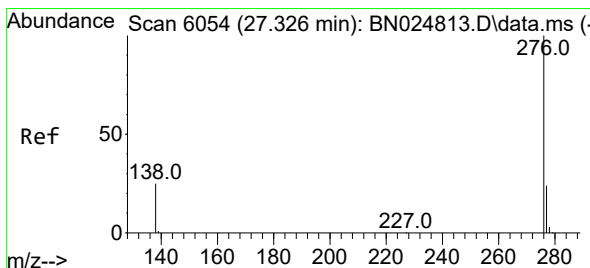
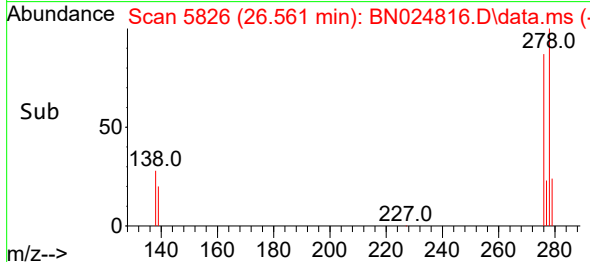
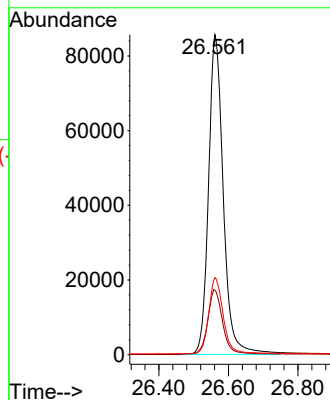
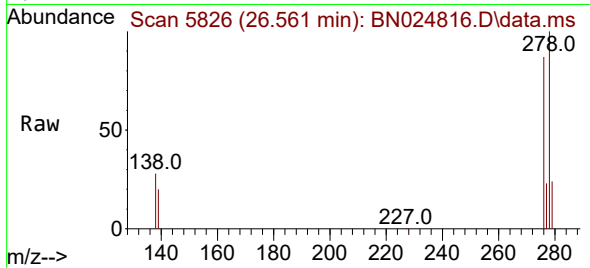




#28
Dibenzo(a,h)anthracene
Concen: 3.345 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. 0.003 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:278 Resp: 252567
Ion Ratio Lower Upper
278 100
139 20.1 16.4 24.6
279 24.1 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 3.174 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. 0.006 min
Lab File: BN024816.D
Acq: 07 Apr 2023 17:31

Tgt Ion:276 Resp: 257999
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
277 23.4 19.7 29.5

