

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027111.D
 Acq On : 25 Aug 2023 00:08
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4254

Quant Time: Aug 25 03:52:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

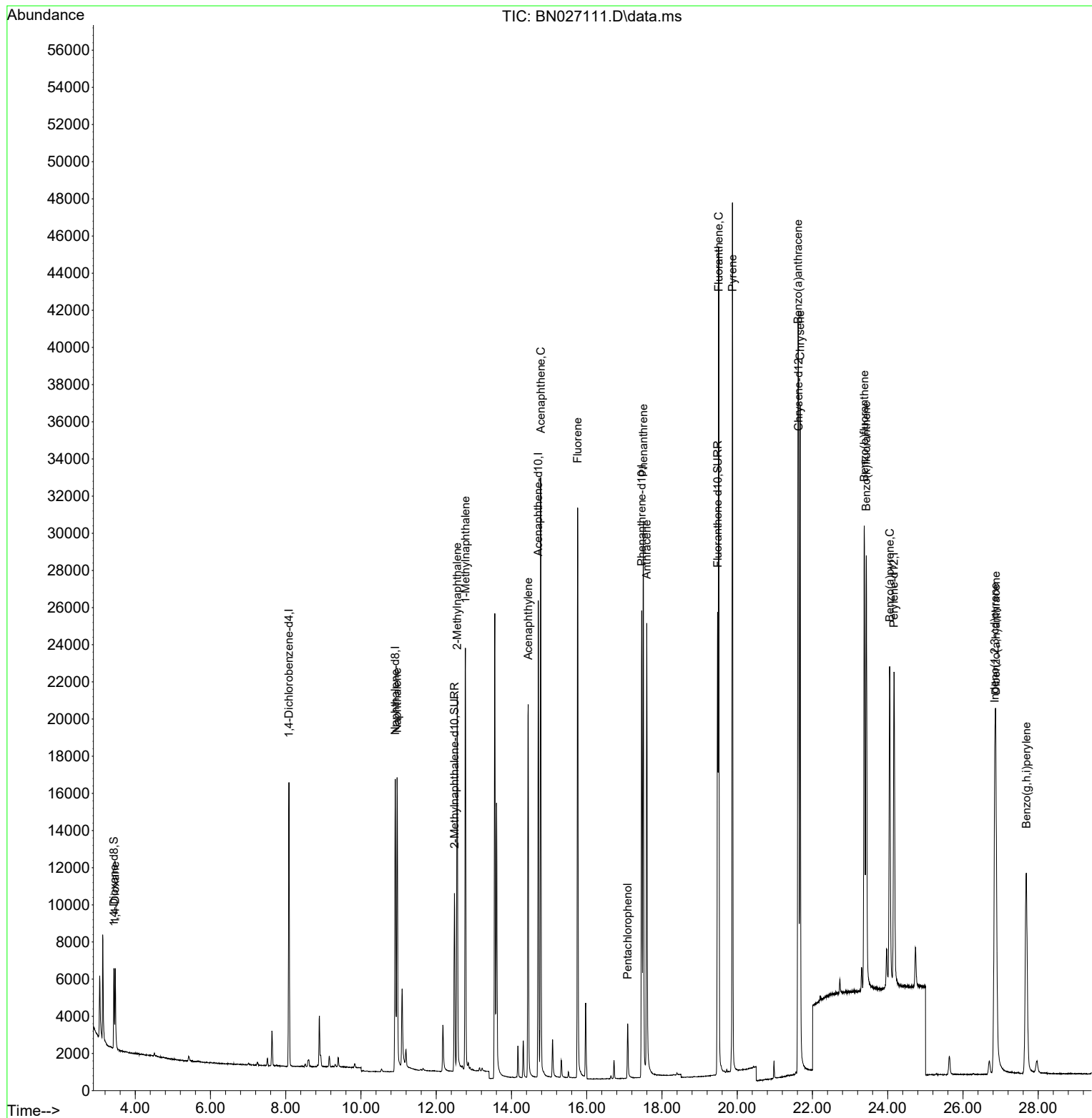
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	7613	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.911	136	23280	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.712	164	14469	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	30910	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	25456	0.400	ng/ul	0.00
23) Perylene-d12	24.167	264	26378	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	3040	0.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	13070	0.382	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	29180	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	3090	0.335	ng/ul	95
5) Naphthalene	10.960	128	22512	0.342	ng/ul	99
7) 2-Methylnaphthalene	12.555	142	15316	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	16170	0.388	ng/ul	100
10) Acenaphthylene	14.444	152	24444	0.302	ng/ul	100
11) Acenaphthene	14.777	153	18648	0.332	ng/ul	99
12) Fluorene	15.758	166	20571	0.324	ng/ul	99
14) Pentachlorophenol	17.088	266	2304	0.263	ng/ul	99
15) Phenanthrene	17.502	178	33309	0.328	ng/ul	100
16) Anthracene	17.595	178	28844	0.314	ng/ul	100
19) Fluoranthene	19.506	202	38073	0.360	ng/ul	97
20) Pyrene	19.873	202	39478	0.350	ng/ul	99
21) Benzo(a)anthracene	21.615	228	33747	0.333	ng/ul	100
22) Chrysene	21.670	228	34668	0.347	ng/ul	100
24) Benzo(b)fluoranthene	23.378	252	36425	0.365	ng/ul	97
25) Benzo(k)fluoranthene	23.430	252	36354	0.369	ng/ul	96
26) Benzo(a)pyrene	24.053	252	30856	0.343	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.844	276	34265	0.291	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.874	278	27167	0.289	ng/ul	99
29) Benzo(g,h,i)perylene	27.682	276	28276	0.288	ng/ul	99

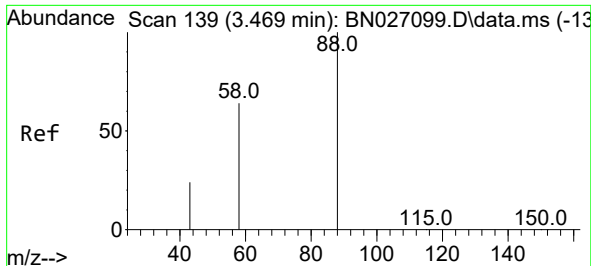
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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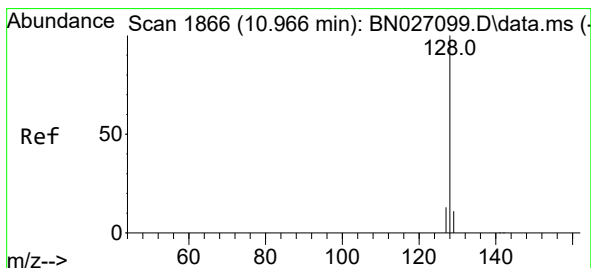
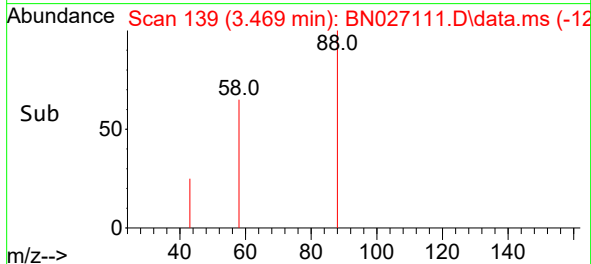
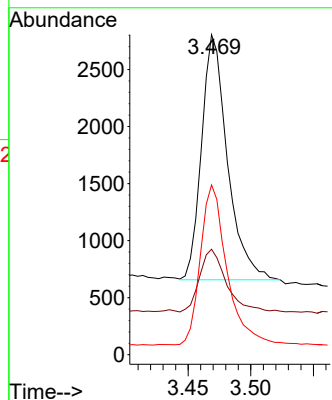
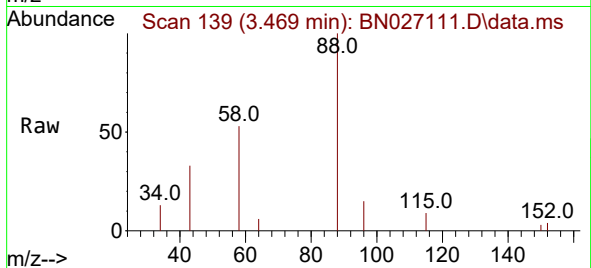




#2
1,4-Dioxane
Concen: 0.335 ng/ul
RT: 3.469 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

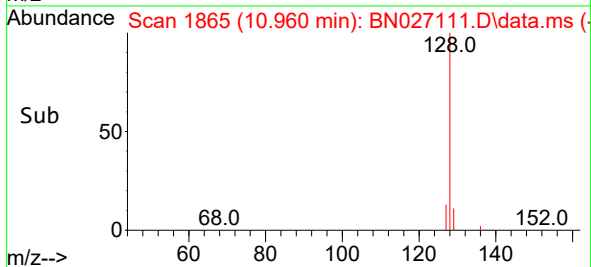
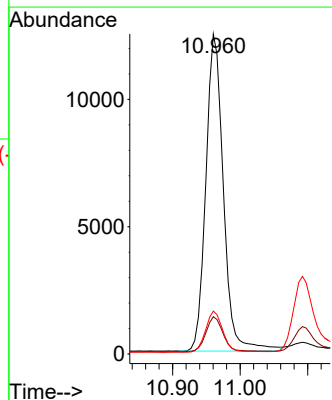
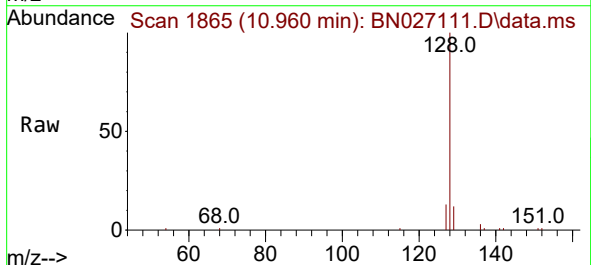
Instrument :
BNA_N
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SSTD0.4254

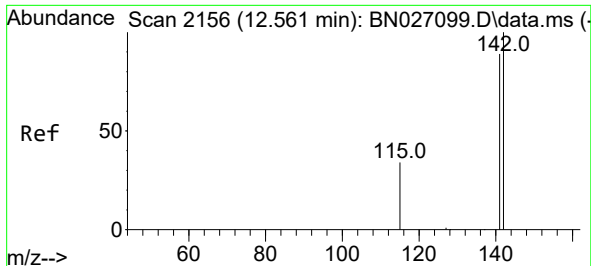
Tgt Ion: 88 Resp: 3090
Ion Ratio Lower Upper
88 100
43 32.9 28.0 42.0
58 53.0 46.0 69.0



#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.960 min Scan# 1865
Delta R.T. -0.011 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:128 Resp: 22512
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.5 15.7

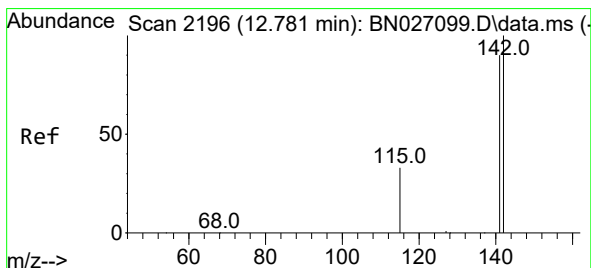
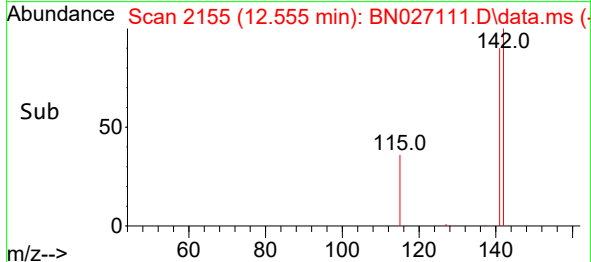
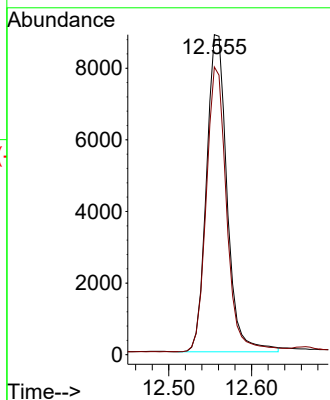
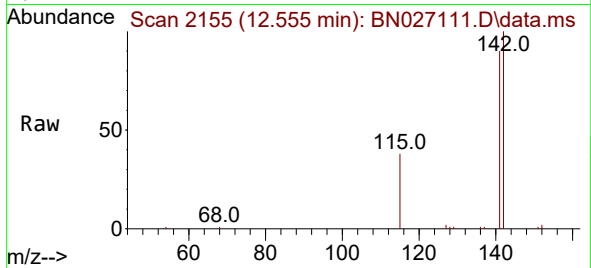




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.555 min Scan# 2155
Delta R.T. -0.011 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

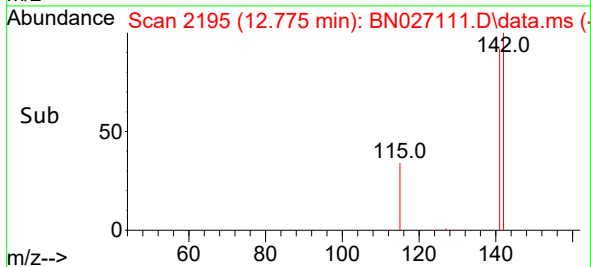
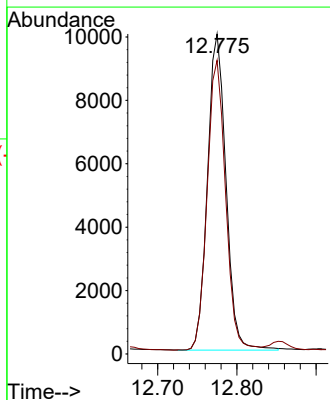
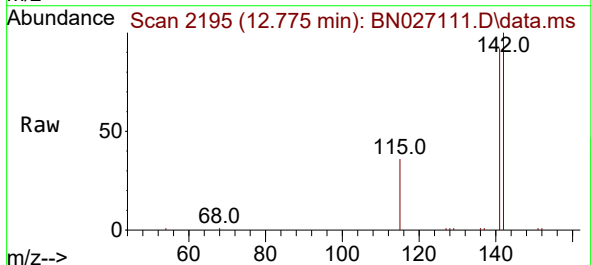
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

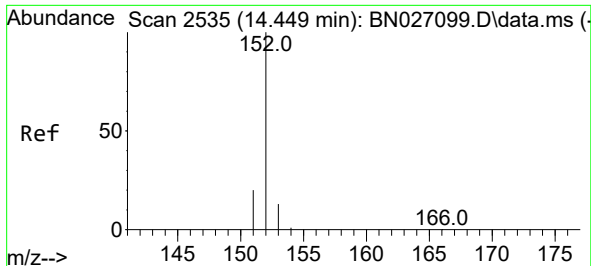
Tgt Ion:142 Resp: 15316
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.775 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:142 Resp: 16170
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

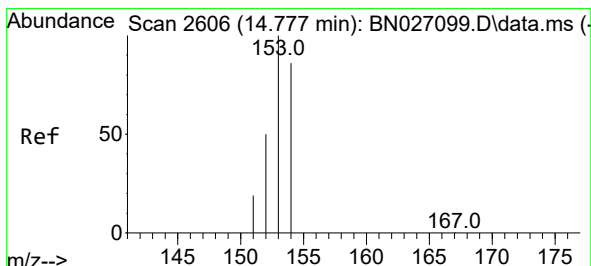
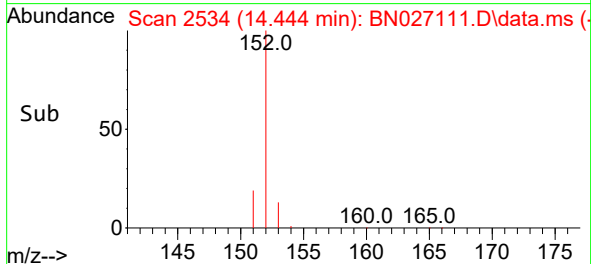
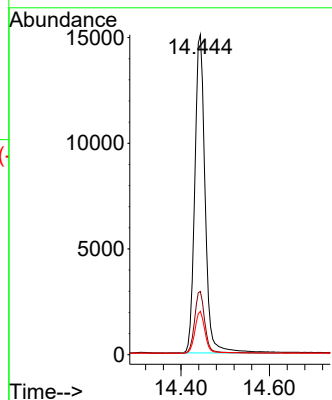
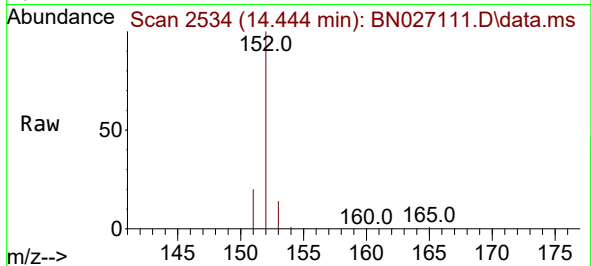




#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

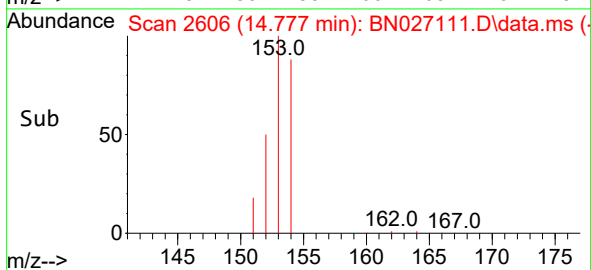
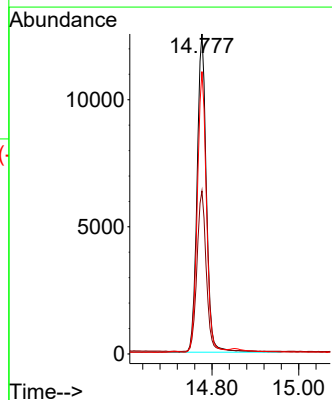
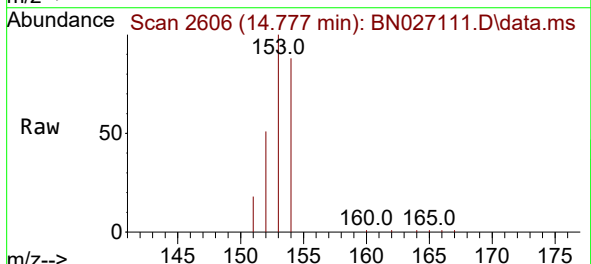
Instrument :
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ClientSampleId :
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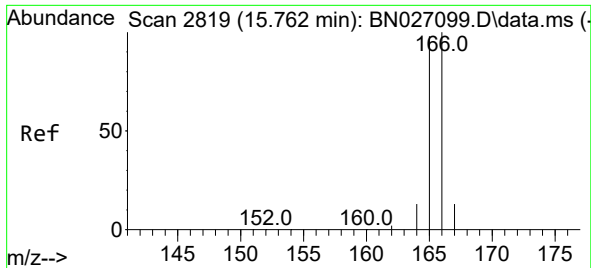
Tgt Ion:152 Resp: 24444
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.6 11.0 16.6



#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.777 min Scan# 2606
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:153 Resp: 18648
Ion Ratio Lower Upper
153 100
152 51.0 41.1 61.7
154 88.3 71.6 107.4

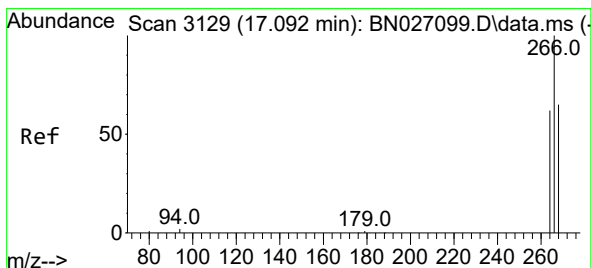
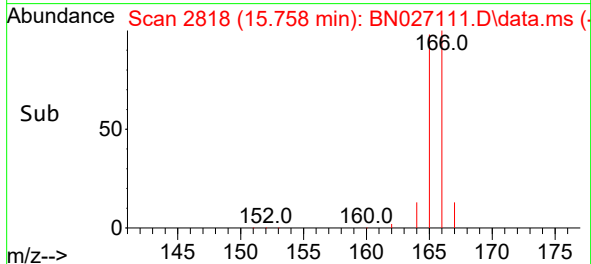
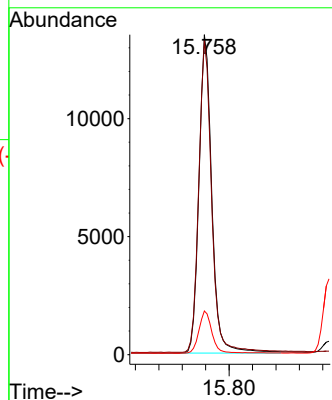
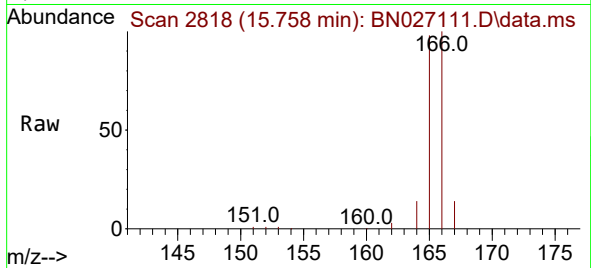




#12
 Fluorene
 Concen: 0.324 ng/ul
 RT: 15.758 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027111.D
 Acq: 25 Aug 2023 00:08

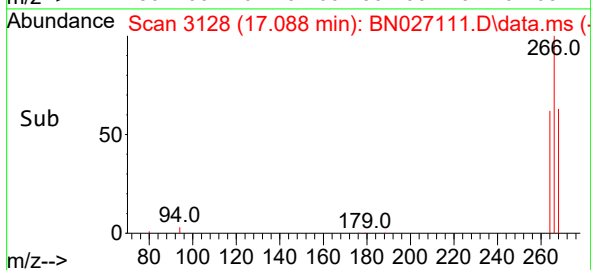
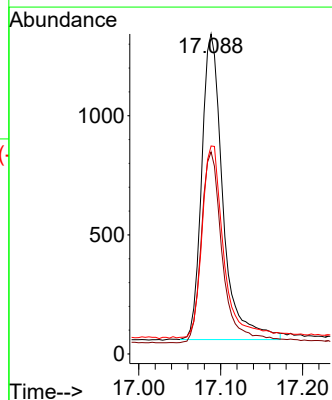
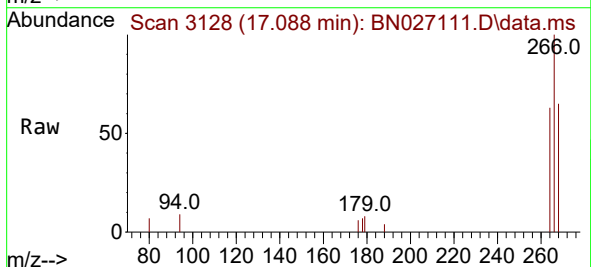
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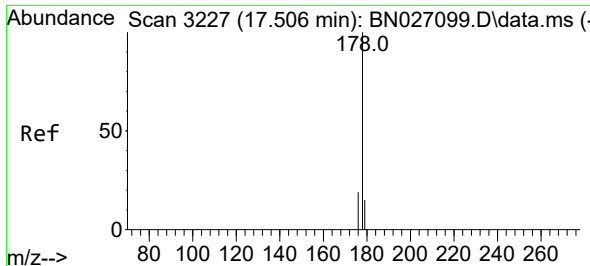
Tgt Ion:166 Resp: 20571
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.1 118.7
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.263 ng/ul
 RT: 17.088 min Scan# 3128
 Delta R.T. -0.009 min
 Lab File: BN027111.D
 Acq: 25 Aug 2023 00:08

Tgt Ion:266 Resp: 2304
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.4 75.6
 268 64.4 51.2 76.8

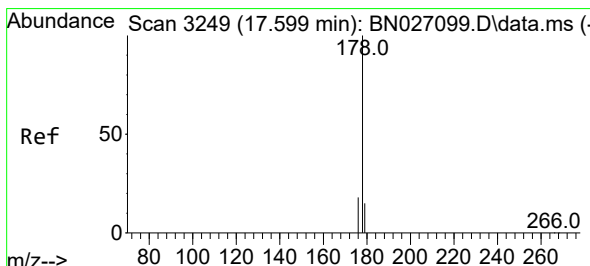
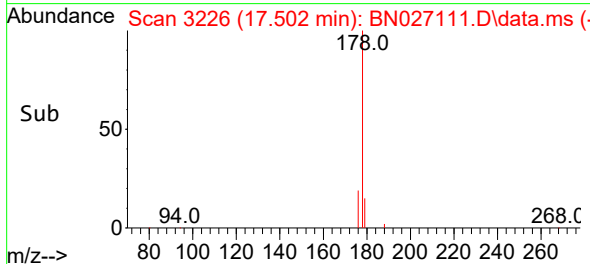
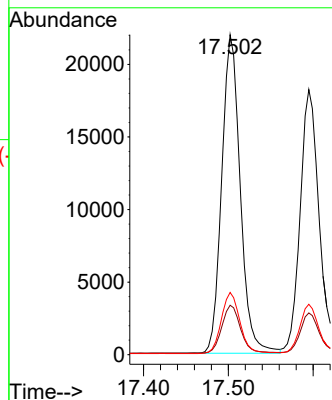
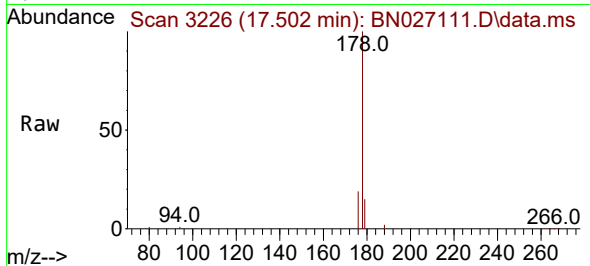




#15
Phenanthrene
Concen: 0.328 ng/ul
RT: 17.502 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

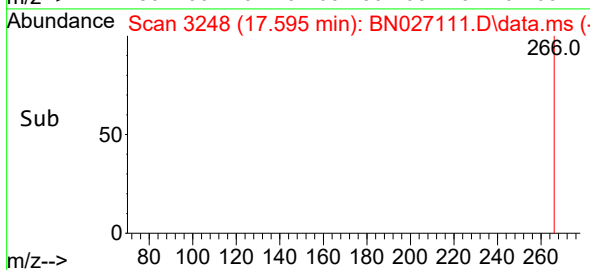
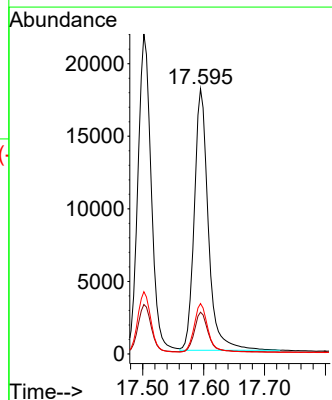
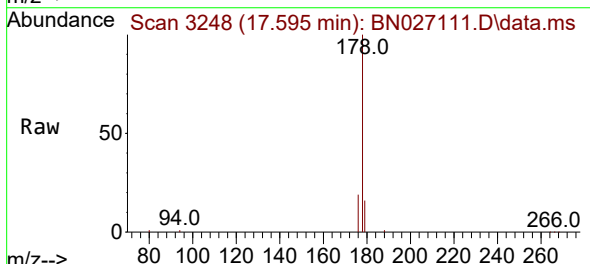
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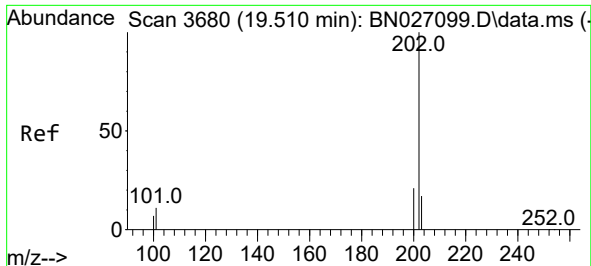
Tgt Ion:178 Resp: 33309
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:178 Resp: 28844
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.0 22.6

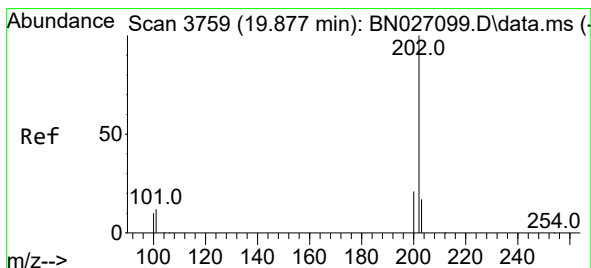
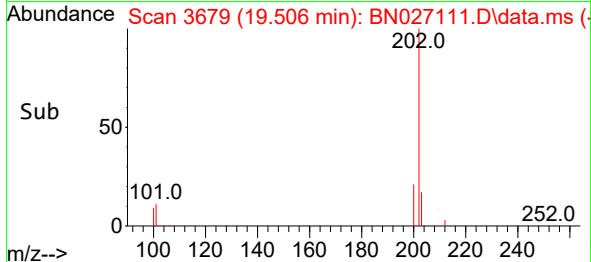
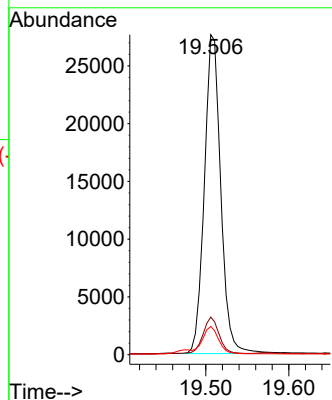
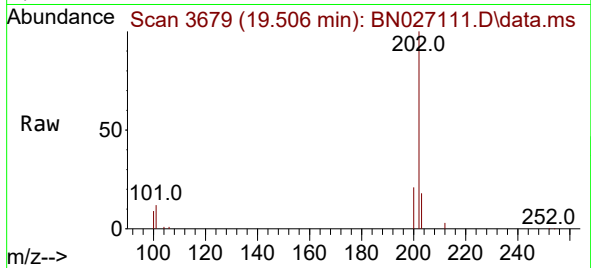




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.506 min Scan# 3679
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

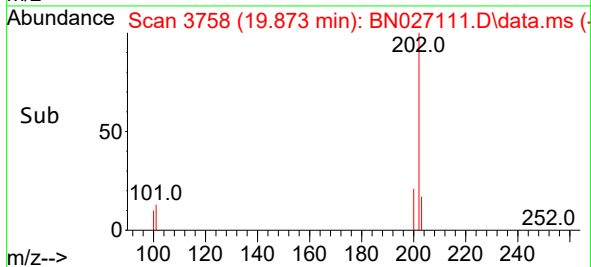
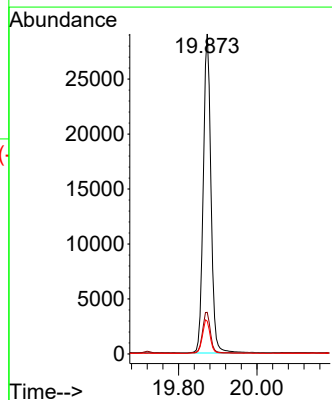
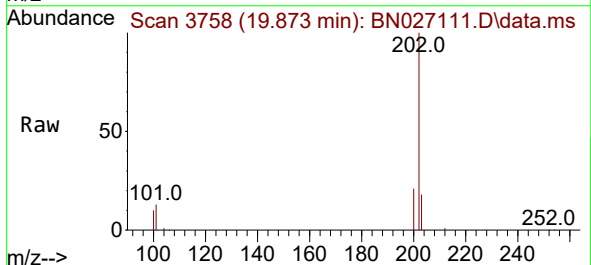
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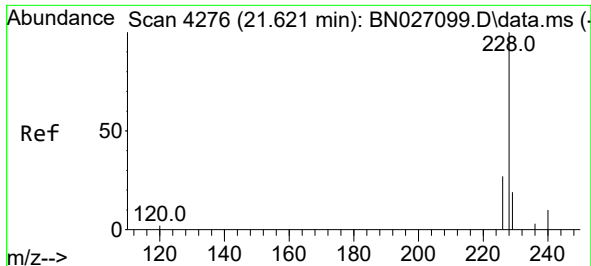
Tgt Ion:202 Resp: 38073
Ion Ratio Lower Upper
202 100
101 11.7 8.3 12.5
100 8.8 6.2 9.2



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.873 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:202 Resp: 39478
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.2 8.5 12.7

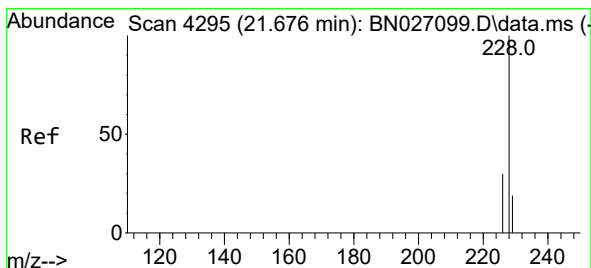
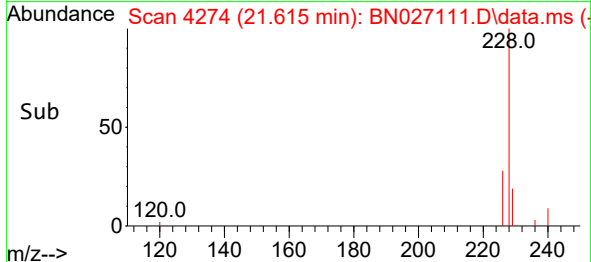
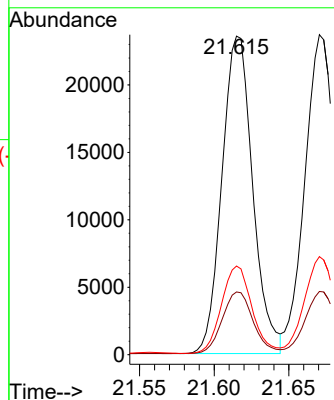
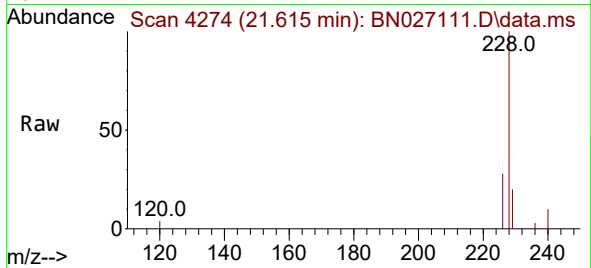




#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

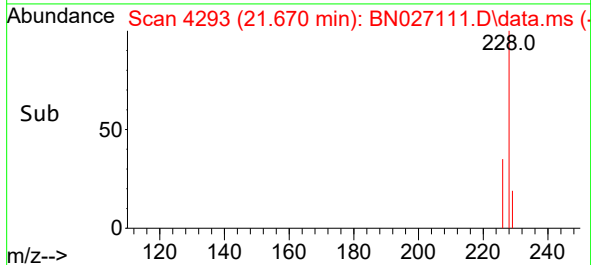
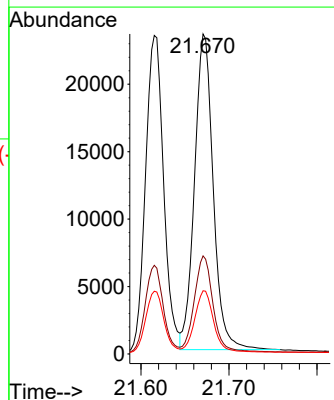
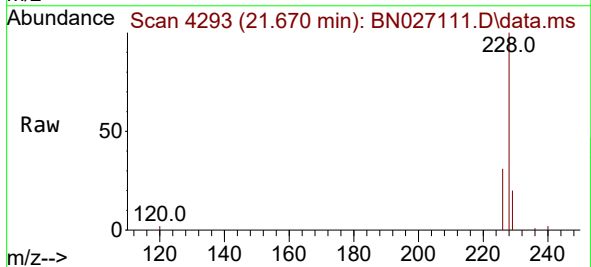
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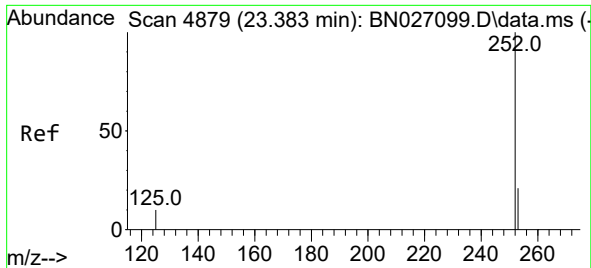
Tgt Ion:228 Resp: 33747
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.670 min Scan# 4293
Delta R.T. -0.006 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:228 Resp: 34668
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 19.8 15.8 23.6

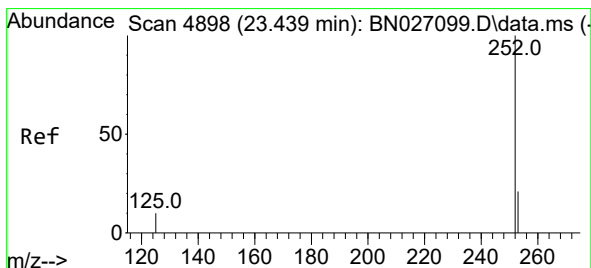
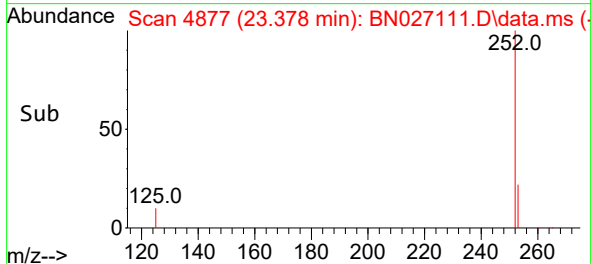
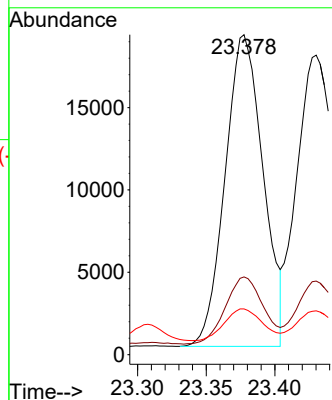
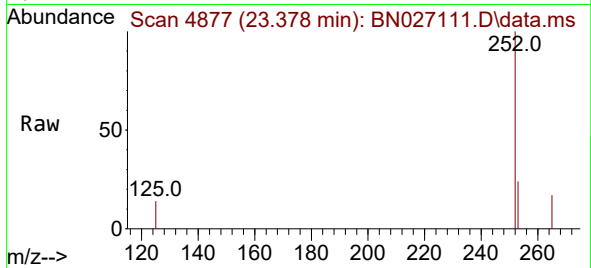




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.378 min Scan# 4877
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

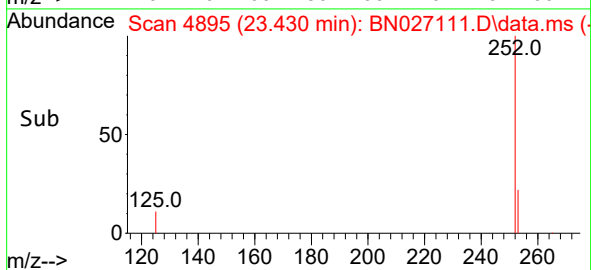
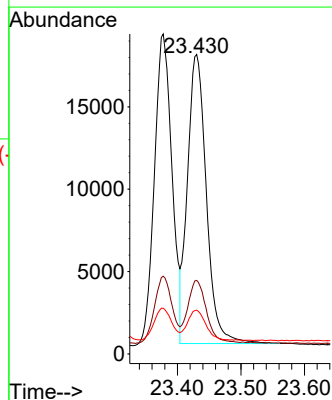
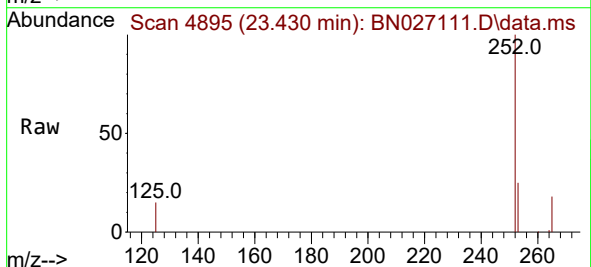
Instrument :
BNA_N
ClientSampleId :
SSTD0.4254

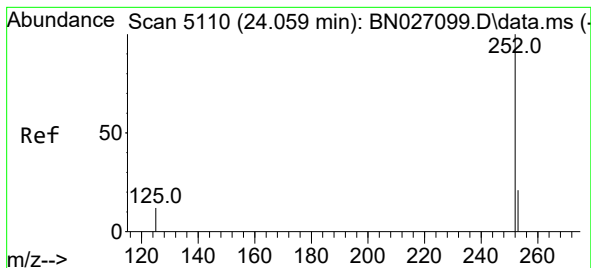
Tgt Ion:252 Resp: 36425
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.8
125 14.3 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.430 min Scan# 4895
Delta R.T. -0.009 min
Lab File: BN027111.D
Acq: 25 Aug 2023 00:08

Tgt Ion:252 Resp: 36354
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.4
125 14.7 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 24.053 min Scan# 5110

Delta R.T. -0.009 min

Lab File: BN027111.D

Acq: 25 Aug 2023 00:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.4254

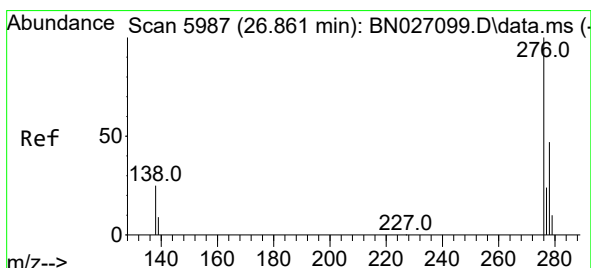
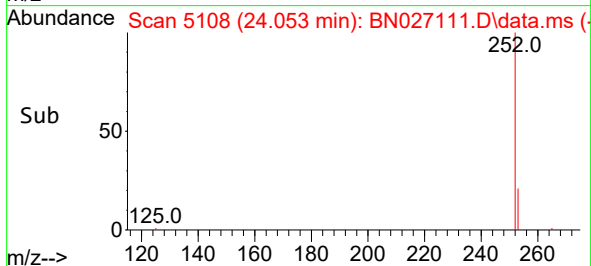
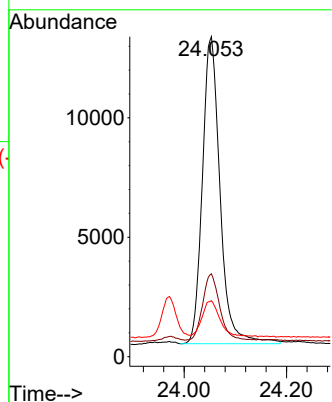
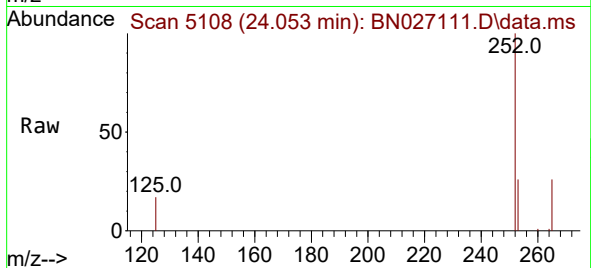
Tgt Ion:252 Resp: 30856

Ion Ratio Lower Upper

252 100

253 25.9 19.0 28.6

125 17.5 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.291 ng/ul

RT: 26.844 min Scan# 5982

Delta R.T. -0.010 min

Lab File: BN027111.D

Acq: 25 Aug 2023 00:08

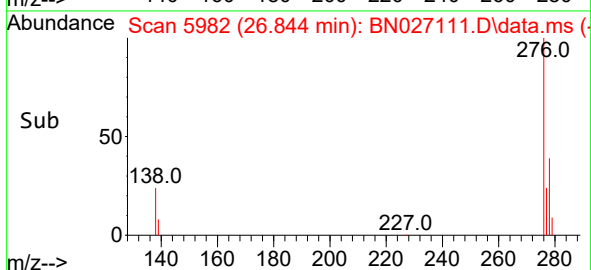
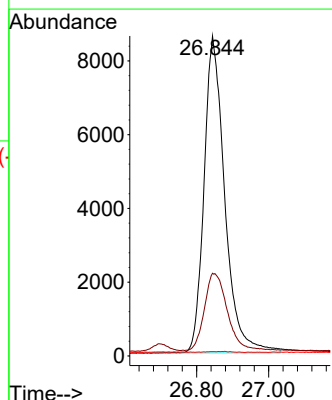
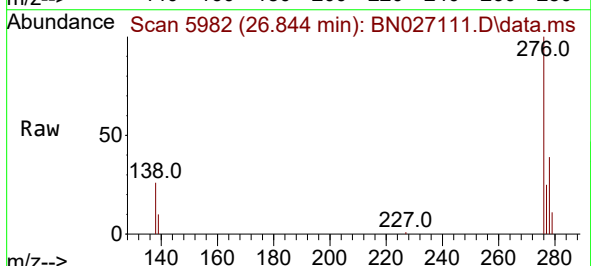
Tgt Ion:276 Resp: 34265

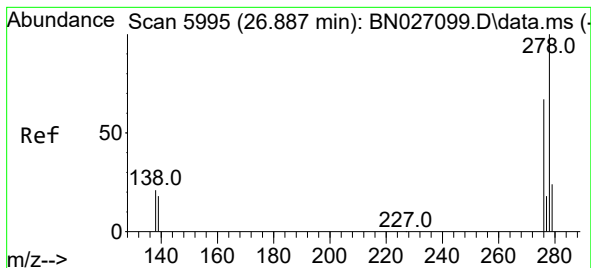
Ion Ratio Lower Upper

276 100

138 26.9 21.6 32.4

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.289 ng/ul

RT: 26.874 min Scan# 5991

Delta R.T. -0.010 min

Lab File: BN027111.D

Acq: 25 Aug 2023 00:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.4254

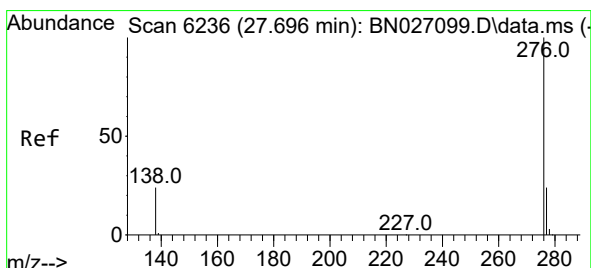
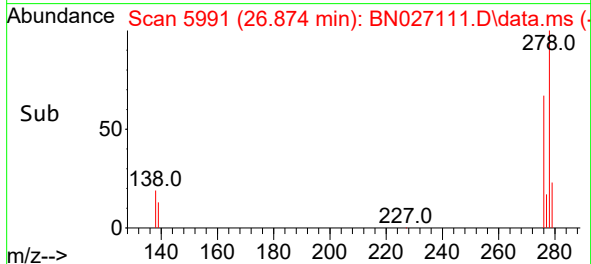
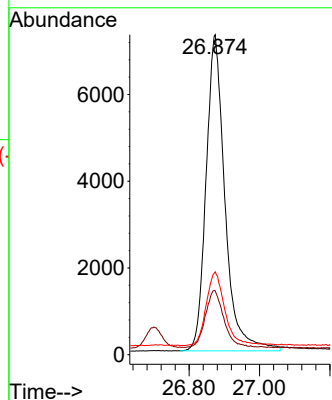
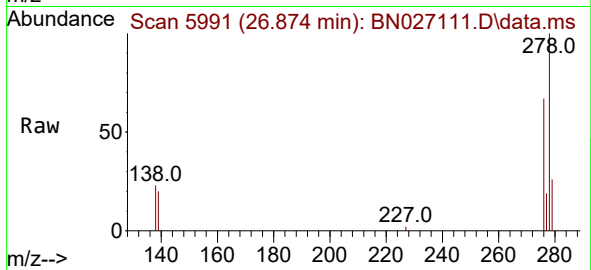
Tgt Ion:278 Resp: 27167

Ion Ratio Lower Upper

278 100

139 19.9 15.7 23.5

279 25.9 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.288 ng/ul

RT: 27.682 min Scan# 6232

Delta R.T. -0.014 min

Lab File: BN027111.D

Acq: 25 Aug 2023 00:08

Tgt Ion:276 Resp: 28276

Ion Ratio Lower Upper

276 100

138 24.6 19.3 28.9

277 24.6 19.8 29.8

