

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027083.D
 Acq On : 24 Aug 2023 04:52
 Operator : MA/JU
 Sample : PB154650BS
 Misc :
 ALS Vial : 117 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS650

Quant Time: Aug 24 05:56:29 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)

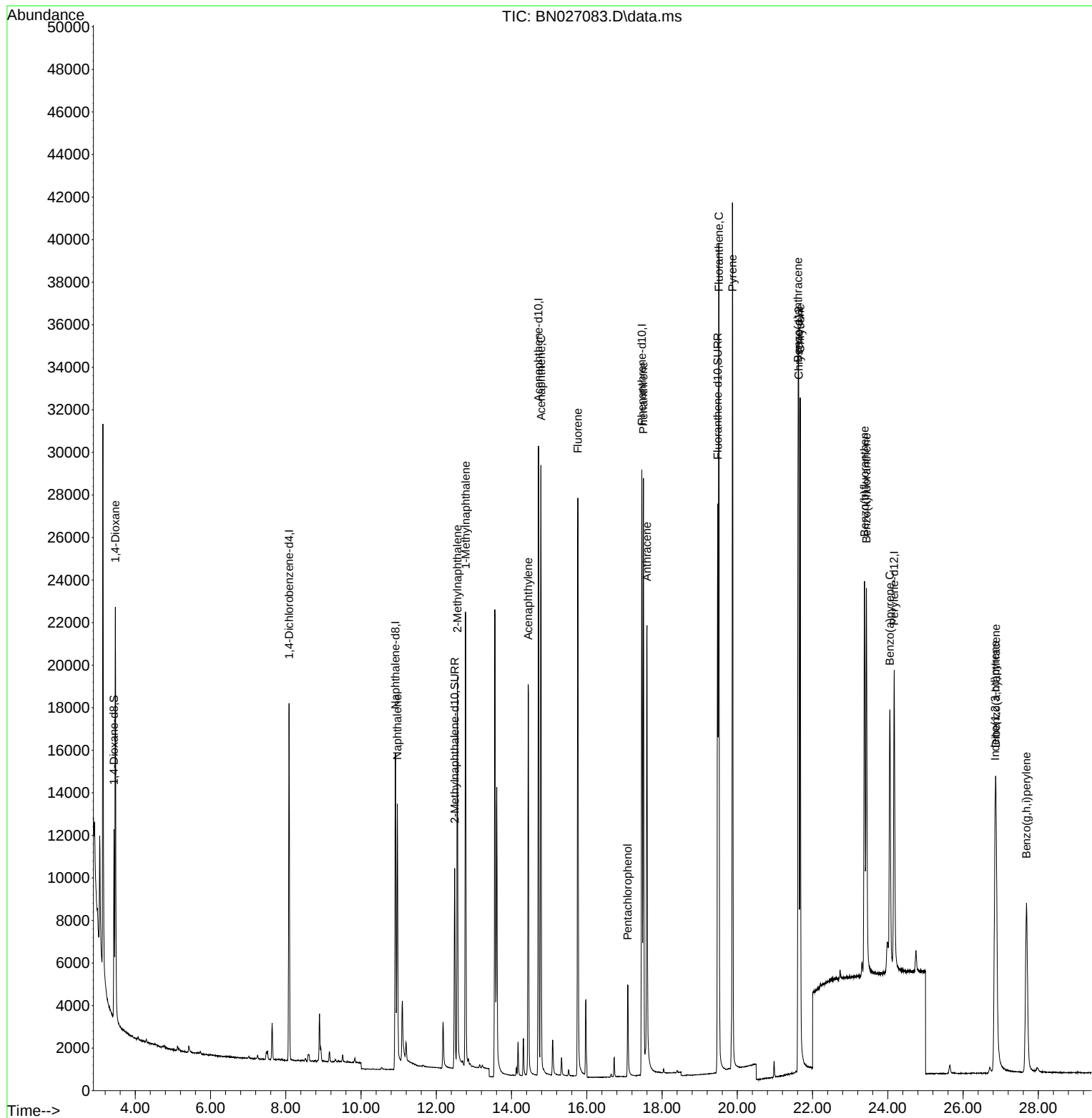
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	8501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	23253	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	16373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	35402	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	25677	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	21795	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5876	0.582	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	13254	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	30856	0.381	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	13916	1.351	ng/ul#	92
5) Naphthalene	10.966	128	18030	0.274	ng/ul	99
7) 2-Methylnaphthalene	12.560	142	13558	0.341	ng/ul	100
8) 1-Methylnaphthalene	12.780	142	15362	0.369	ng/ul	100
10) Acenaphthylene	14.444	152	22077	0.241	ng/ul	99
11) Acenaphthene	14.781	153	17140	0.270	ng/ul	100
12) Fluorene	15.762	166	19069	0.266	ng/ul	99
14) Pentachlorophenol	17.088	266	3278	0.327	ng/ul	99
15) Phenanthrene	17.506	178	30877	0.265	ng/ul	100
16) Anthracene	17.599	178	26098	0.248	ng/ul	100
19) Fluoranthene	19.511	202	35034	0.328	ng/ul	99
20) Pyrene	19.873	202	35647	0.313	ng/ul	99
21) Benzo(a)anthracene	21.615	228	28498	0.279	ng/ul	99
22) Chrysene	21.673	228	29834	0.296	ng/ul	100
24) Benzo(b)fluoranthene	23.380	252	26975	0.327	ng/ul	95
25) Benzo(k)fluoranthene	23.433	252	27350	0.336	ng/ul#	94
26) Benzo(a)pyrene	24.056	252	21857	0.294	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.851	276	24979	0.257	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.875	278	19699	0.254	ng/ul	97
29) Benzo(g,h,i)perylene	27.686	276	21147	0.261	ng/ul	97

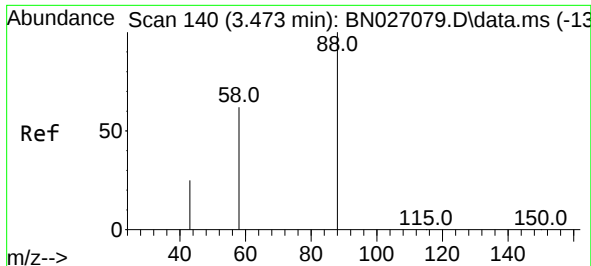
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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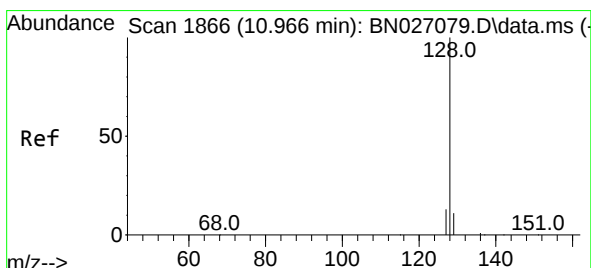
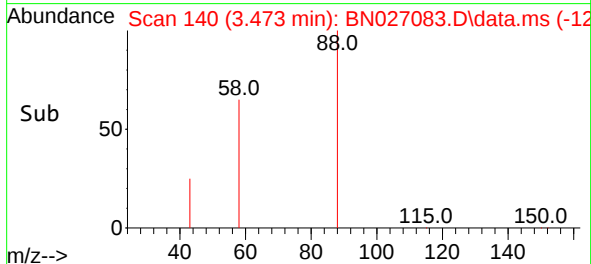
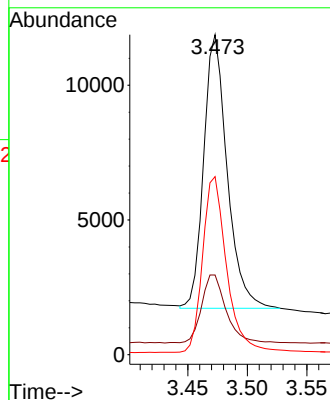
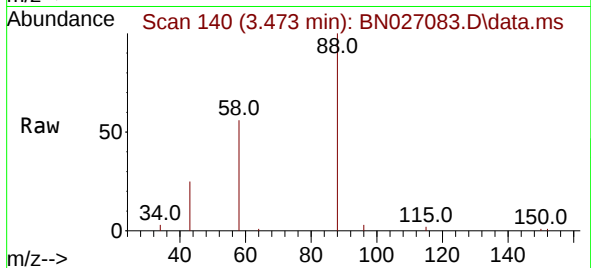


#2
1,4-Dioxane

Concen: 1.351 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. -0.004 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

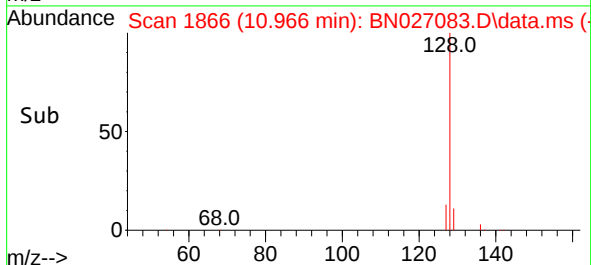
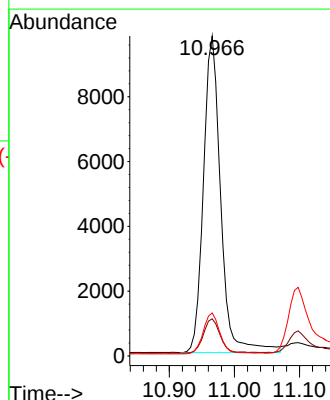
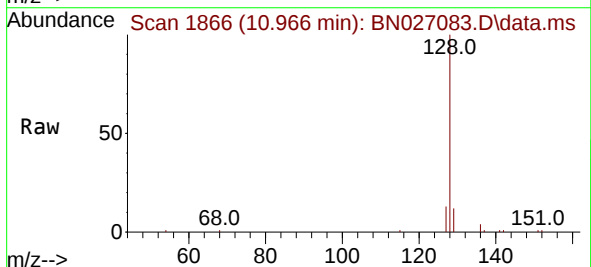
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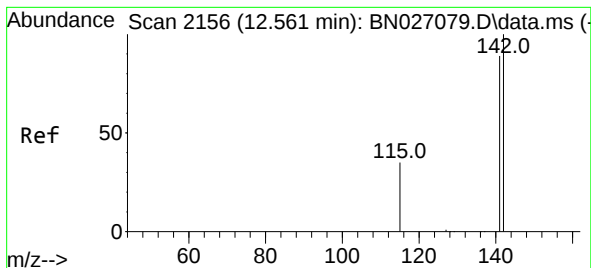
Tgt Ion: 88 Resp: 13916
Ion Ratio Lower Upper
88 100
43 24.9 28.0 42.0#
58 55.6 46.0 69.0



#5
Naphthalene
Concen: 0.274 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion: 128 Resp: 18030
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.5 15.7

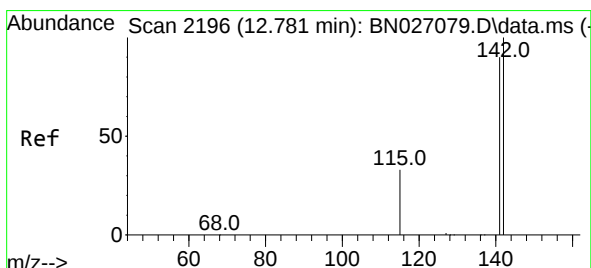
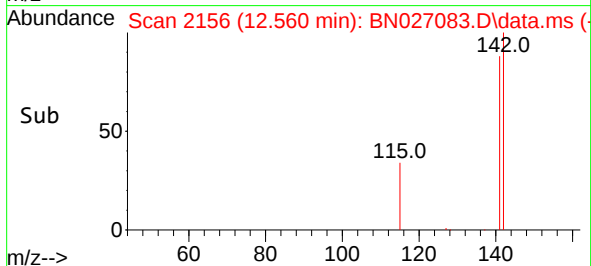
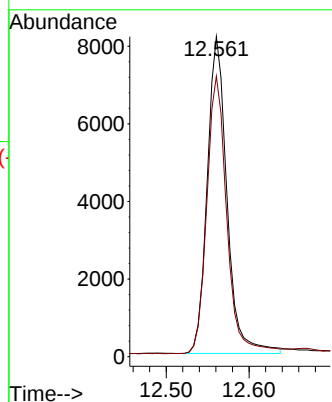
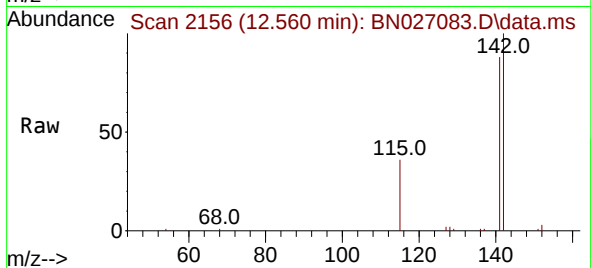




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.560 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

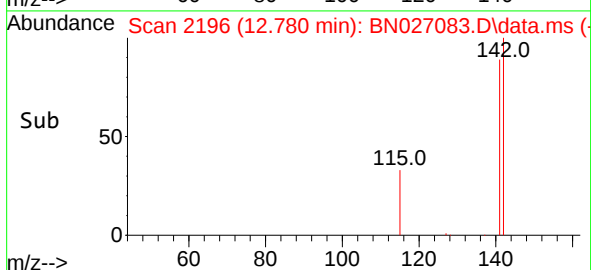
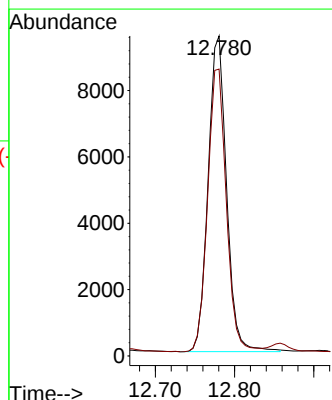
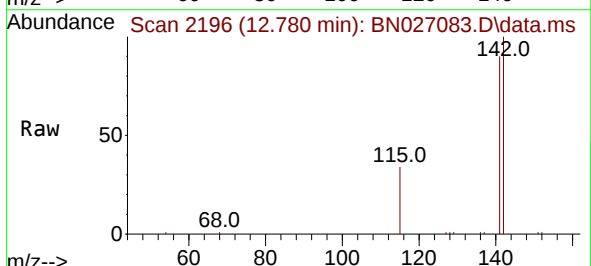
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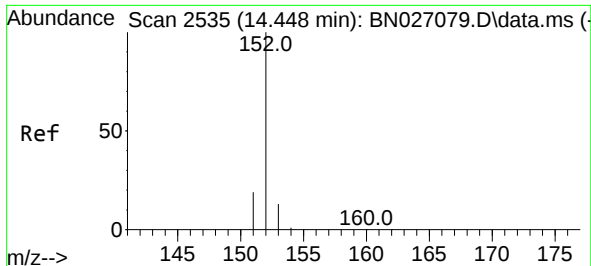
Tgt Ion:142 Resp: 13558
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.780 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:142 Resp: 15362
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

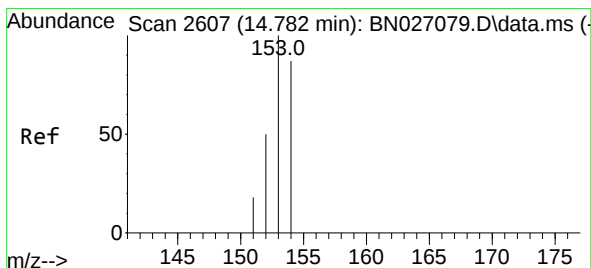
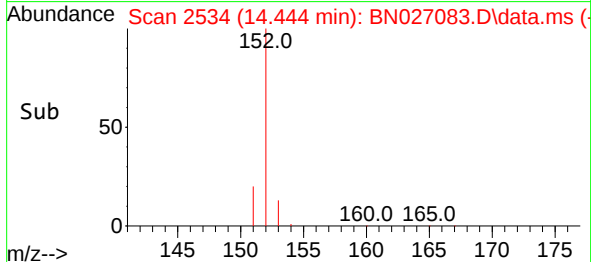
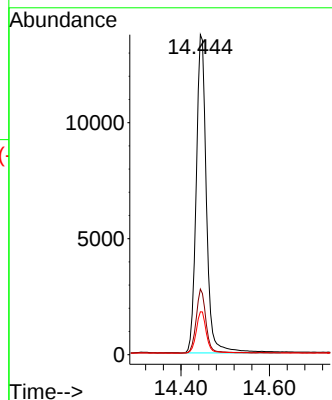
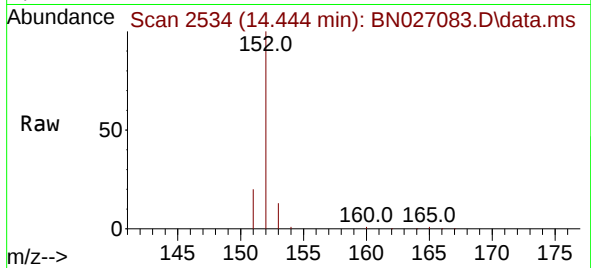




#10
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

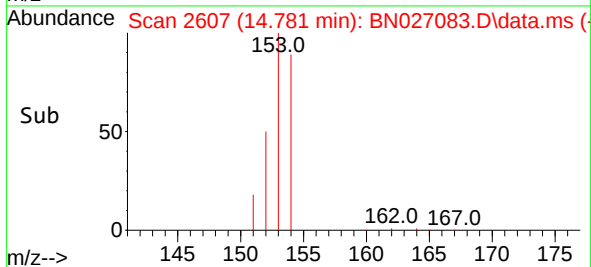
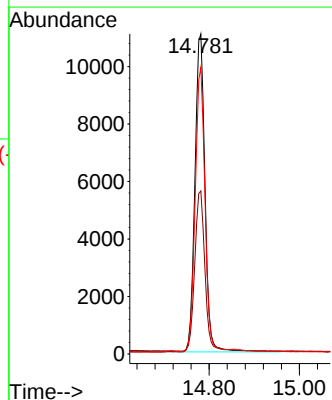
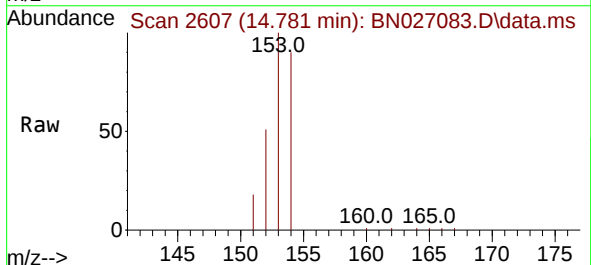
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ClientSampleId :
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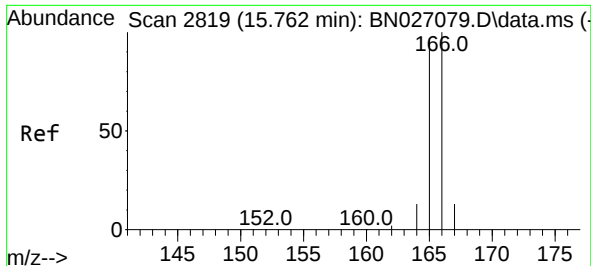
Tgt Ion:152 Resp: 22077
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.781 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:153 Resp: 17140
Ion Ratio Lower Upper
153 100
152 50.9 41.1 61.7
154 89.5 71.6 107.4

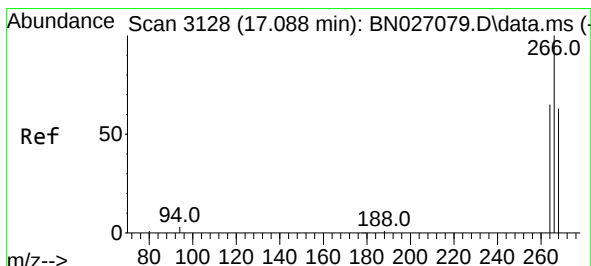
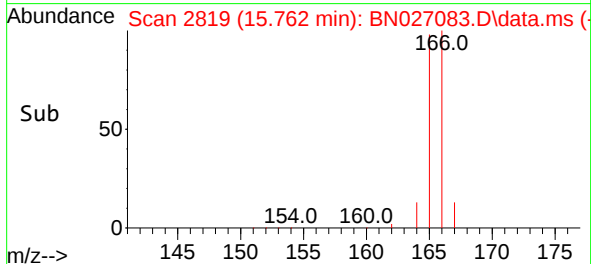
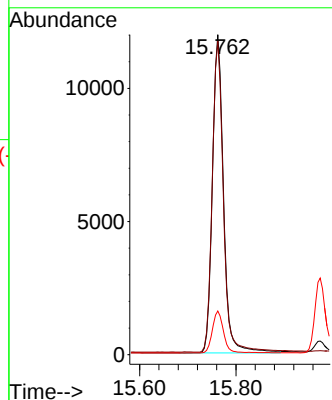
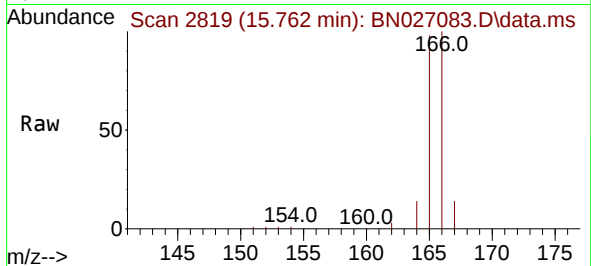




#12
Fluorene
Concen: 0.266 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

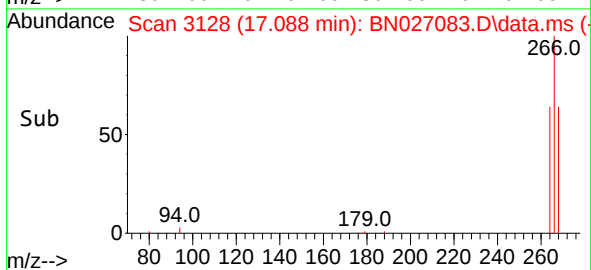
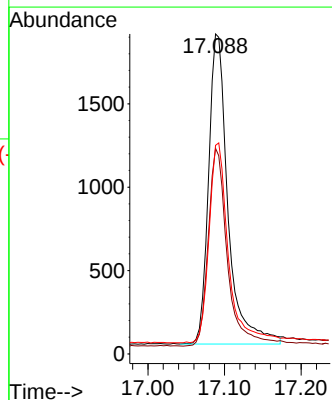
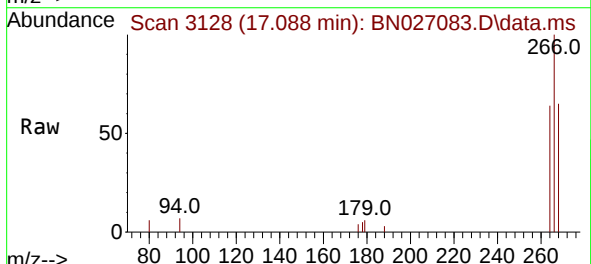
Instrument :
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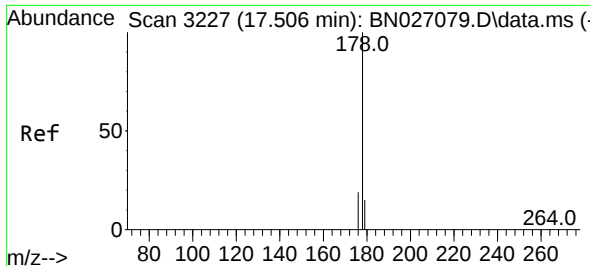
Tgt Ion:166 Resp: 19069
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.327 ng/ul
RT: 17.088 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:266 Resp: 3278
Ion Ratio Lower Upper
266 100
264 63.5 50.4 75.6
268 64.6 51.2 76.8

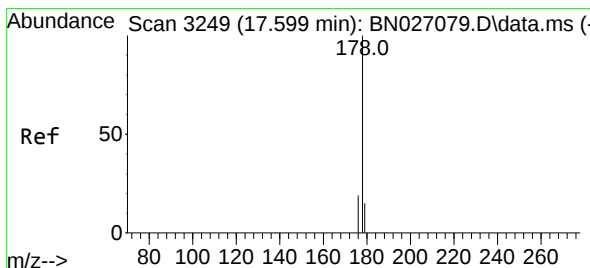
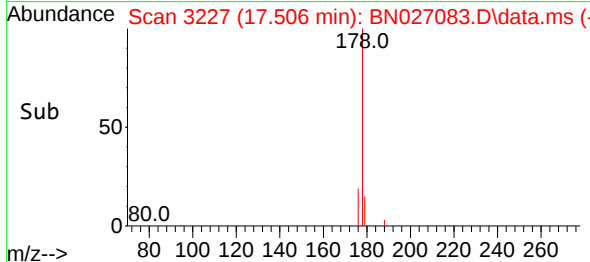
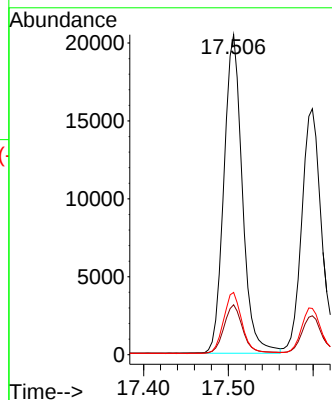
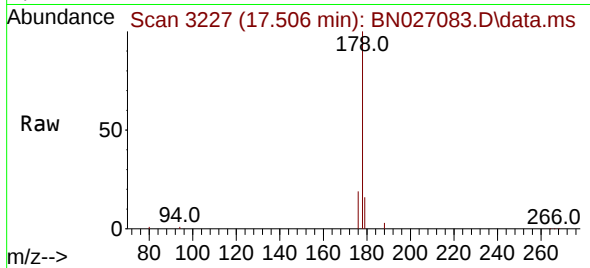




#15
Phenanthrene
Concen: 0.265 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

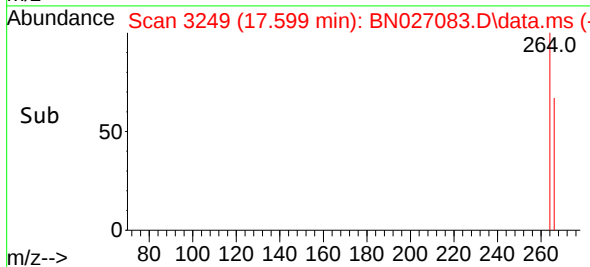
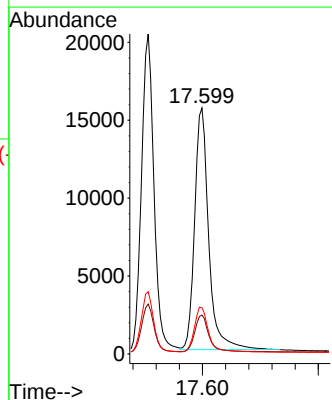
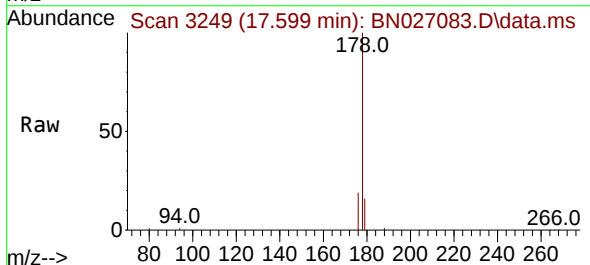
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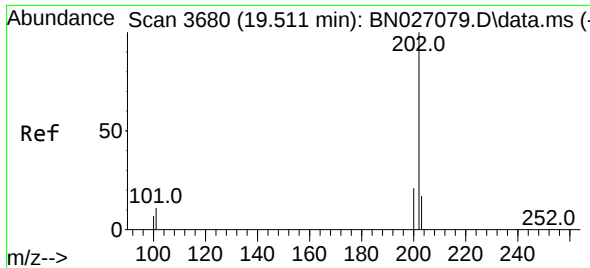
Tgt Ion:	178	Resp:	30877
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.4	15.4	23.2



#16
Anthracene
Concen: 0.248 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:	178	Resp:	26098
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	18.8	15.0	22.6

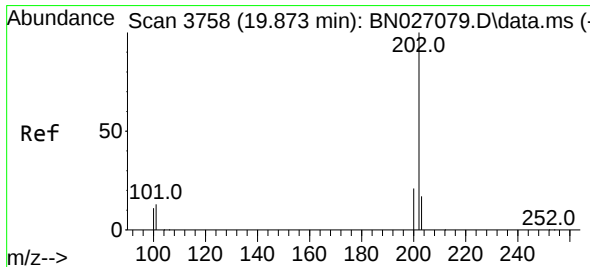
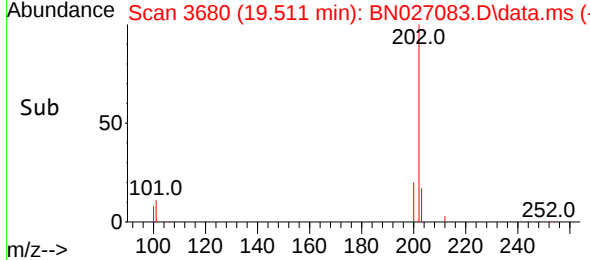
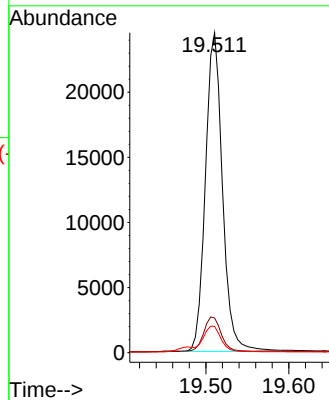
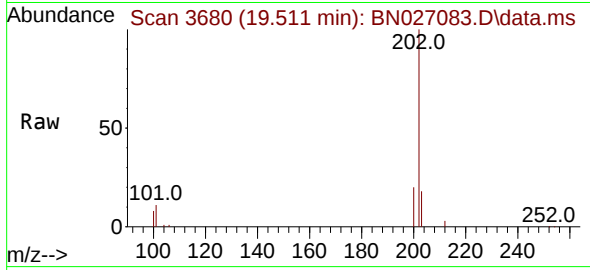




#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

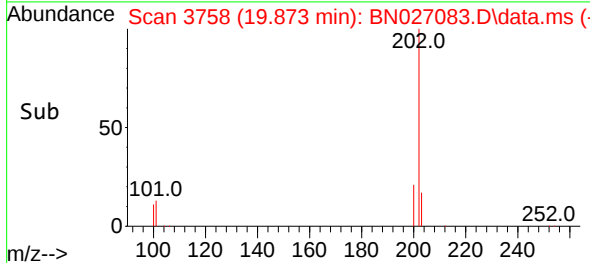
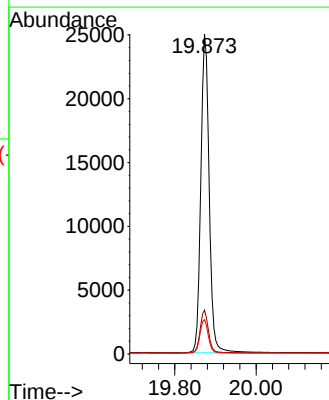
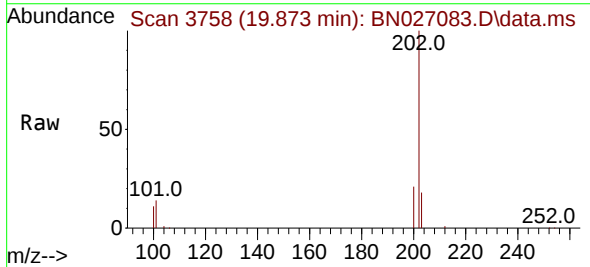
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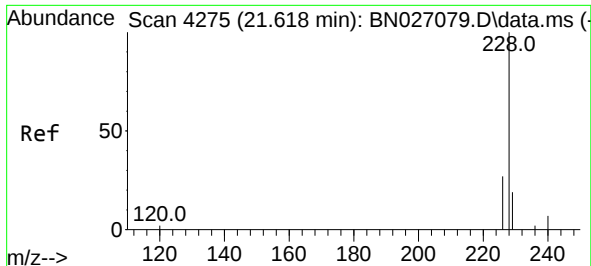
Tgt Ion:202 Resp: 35034
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 8.2 6.2 9.2



#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.873 min Scan# 3758
Delta R.T. -0.009 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:202 Resp: 35647
Ion Ratio Lower Upper
202 100
101 13.7 10.7 16.1
100 10.8 8.5 12.7

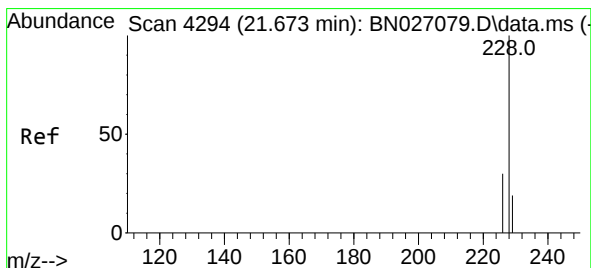
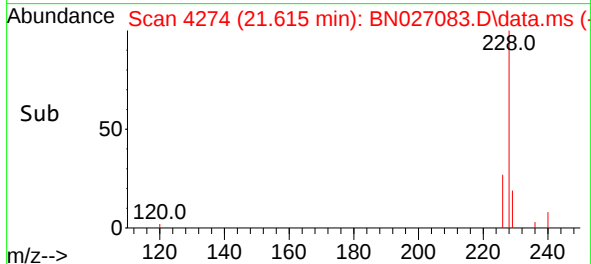
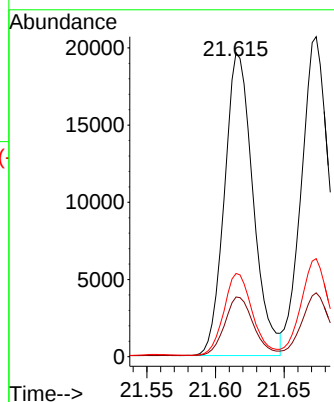
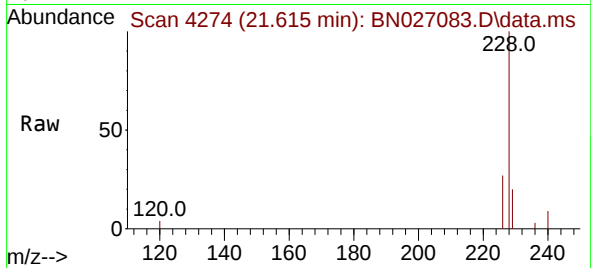




#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.615 min Scan# 4275
Delta R.T. -0.006 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

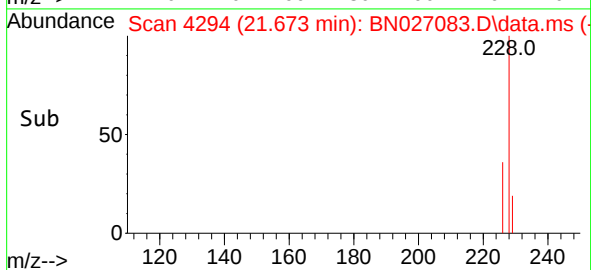
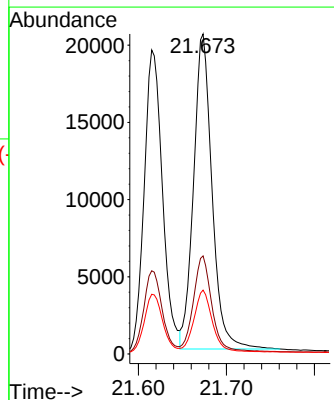
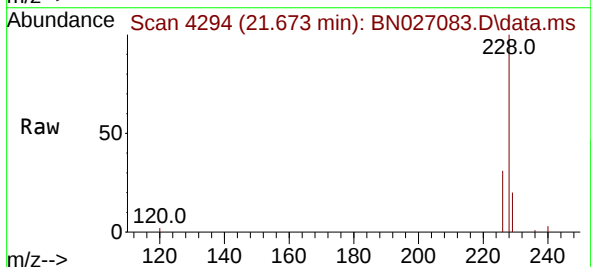
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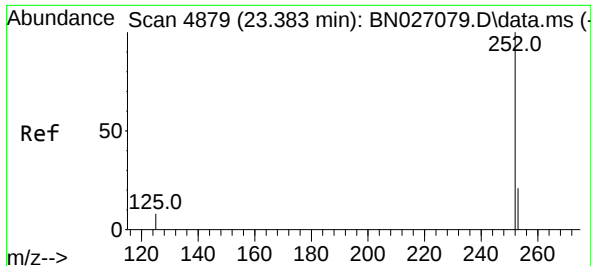
Tgt Ion:228 Resp: 28498
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:228 Resp: 29834
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.0 15.8 23.6

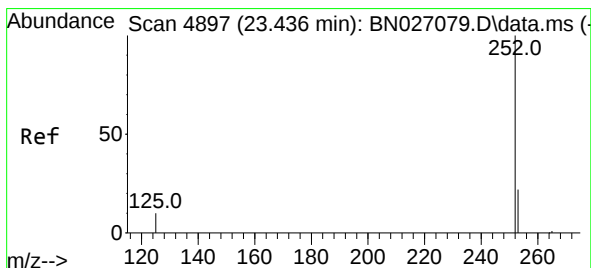
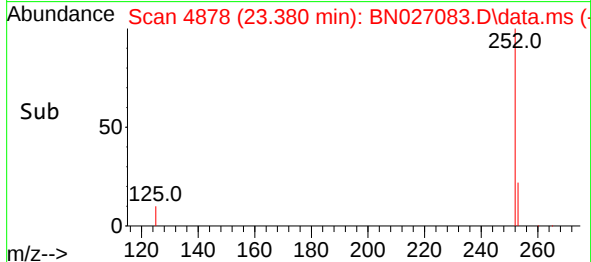
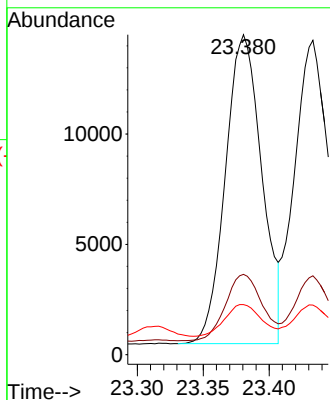
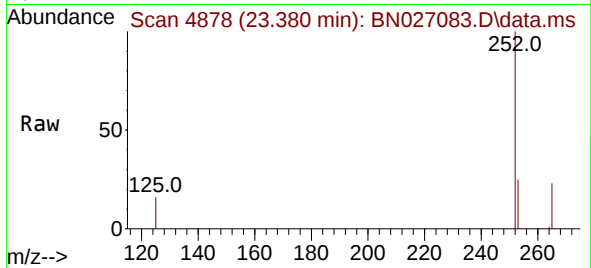




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.380 min Scan# 4879
Delta R.T. -0.006 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

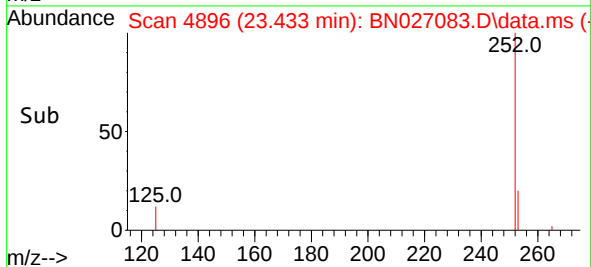
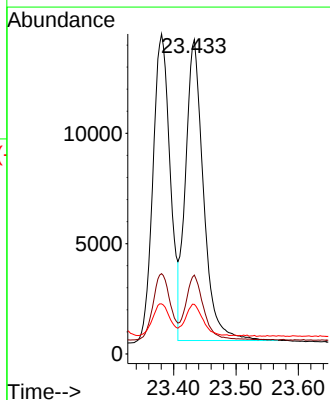
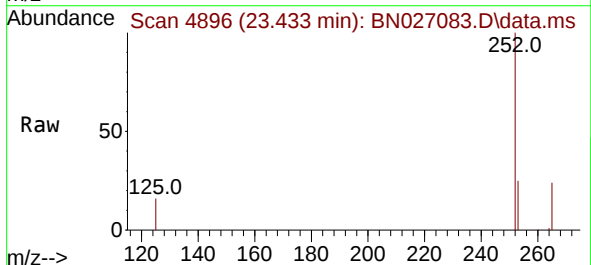
Instrument :
BNA_N
ClientSampleId :
SLCS650

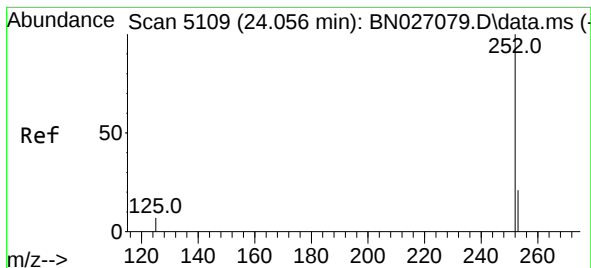
Tgt Ion:252 Resp: 26975
Ion Ratio Lower Upper
252 100
253 25.1 0.0 46.8
125 15.7 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.433 min Scan# 4896
Delta R.T. -0.006 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:252 Resp: 27350
Ion Ratio Lower Upper
252 100
253 25.1 18.2 27.4
125 15.8 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.294 ng/ul

RT: 24.056 min Scan# 5109

Delta R.T. -0.006 min

Lab File: BN027083.D

Acq: 24 Aug 2023 04:52

Instrument :

BNA_N

ClientSampleId :

SLCS650

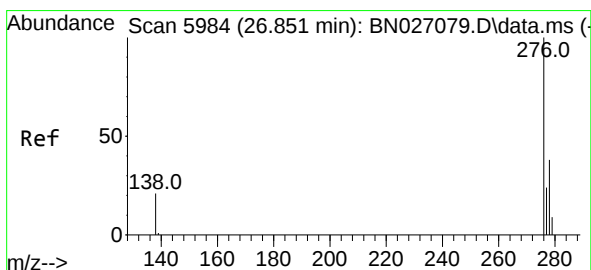
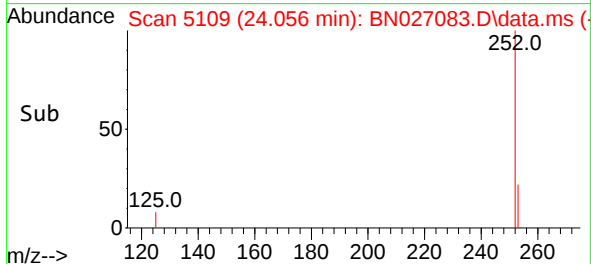
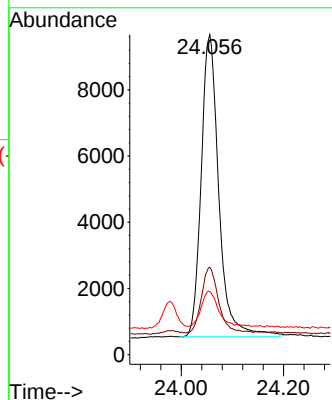
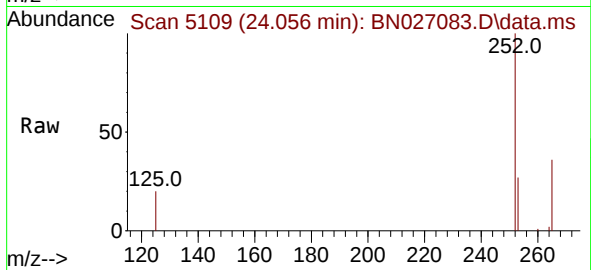
Tgt Ion:252 Resp: 21857

Ion Ratio Lower Upper

252 100

253 27.3 19.0 28.6

125 19.8 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.257 ng/ul

RT: 26.851 min Scan# 5984

Delta R.T. -0.003 min

Lab File: BN027083.D

Acq: 24 Aug 2023 04:52

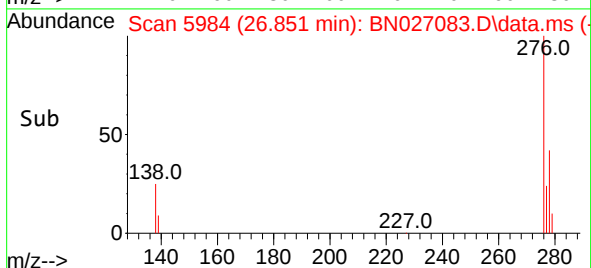
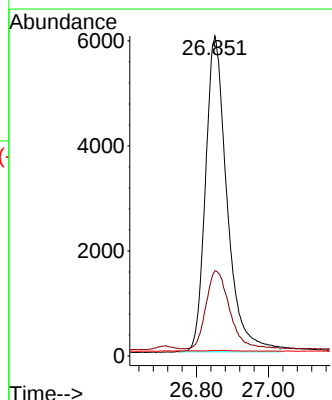
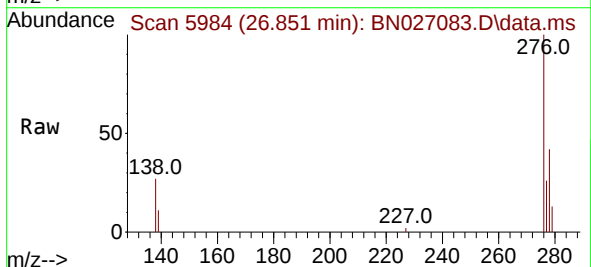
Tgt Ion:276 Resp: 24979

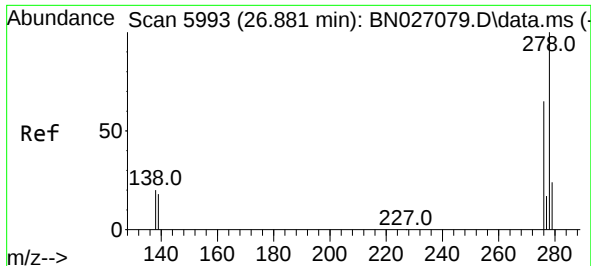
Ion Ratio Lower Upper

276 100

138 27.3 21.6 32.4

227 0.1 0.0 0.0#

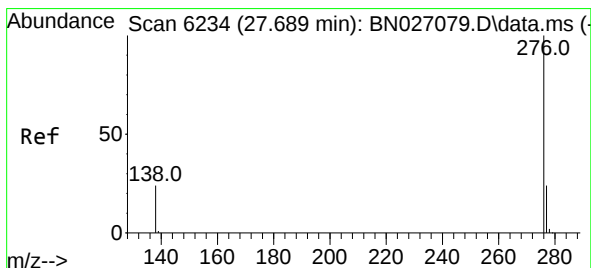
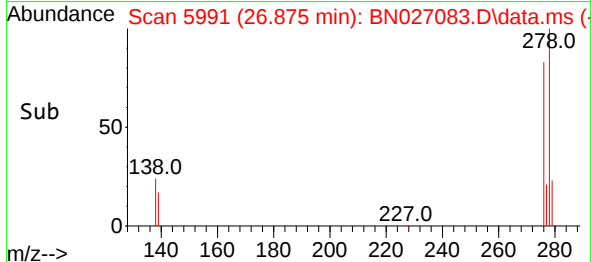
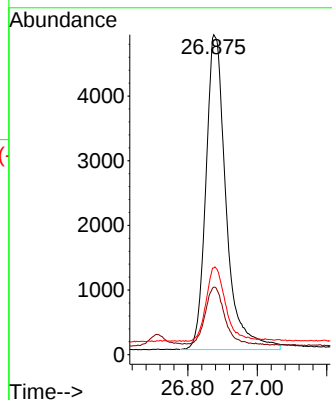
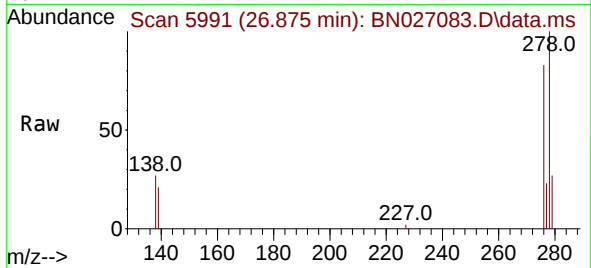




#28
Dibenzo(a,h)anthracene
Concen: 0.254 ng/ul
RT: 26.875 min Scan# 5993
Delta R.T. -0.010 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Instrument :
BNA_N
ClientSampleId :
SLCS650

Tgt Ion:278 Resp: 19699
Ion Ratio Lower Upper
278 100
139 21.1 15.7 23.5
279 27.1 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.261 ng/ul
RT: 27.686 min Scan# 6233
Delta R.T. -0.010 min
Lab File: BN027083.D
Acq: 24 Aug 2023 04:52

Tgt Ion:276 Resp: 21147
Ion Ratio Lower Upper
276 100
138 26.0 19.3 28.9
277 25.4 19.8 29.8

